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YMEP REPORT (21-047)

describing

GEOLOGICAL MAPPING, MECHANIZED TRENCHING, HAND PITTING AND ROCK GEOCHEMICAL SAMPLING

Field work performed September 3 to 21, 2021
at the

EUREKA PROPERTY

Eureka 1-56	YC12951-YC13006
57-60	YC13701-YC13704
73-84	YC13717-YC13728
97-112	YC13741-YC13756
121-182	YC13765-YC13826
189-202	YC13833-YC13846
203-258	YD07463-YD07518
259-270	YD07909-YD07920
273-276	YD07923-YD07926
277-354	YD07927-YD08004
370-380	YD08020-YD08030
390-411	YD08040-YD08061

NTS 115O/10 and 115O/07
Latitude 63°32'N; Longitude 138°52'W

in the

Dawson Mining District
Yukon Territory

prepared by
Archer, Cathro & Associates (1981) Limited

for

TRIFECTA GOLD LTD.

By

Melissa Friend
January 2022

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INTRODUCTION

The Eureka property is located within the Dawson Range Gold Belt (DRGB) of western Yukon and covers gold-bearing, vein- and breccia-style mineralization and drainages that host significant placer deposits. The DRGB is a district of orogenic and intrusion-related gold and base metal deposits and occurrences, including Western Copper and Gold Corp.'s Casino deposit, Rockhaven Resources Ltd.'s Klaza deposit, White Gold Corp.'s Golden Saddle deposit and Goldcorp Inc.'s Coffee deposit. Placer operations on creeks draining the property have produced more than 207,000 ounces of gold combined since 1978. The Eureka property is wholly owned by Trifecta Gold Ltd., but is subject to a 1% net smelter return royalty payable to Victoria Gold Corp.

This report describes geological mapping, mechanized trenching, hand pitting and rock geochemical sampling conducted between September 3 and 21, 2021 by Archer, Cathro & Associates (1981) Limited on behalf of Trifecta Gold. The author participated in the program and interpreted all results. The author's Statement of Qualifications is in Appendix I and a Statement of Expenditures appears in Appendix II.

PROPERTY LOCATION, CLAIM AND LAND USE DATA, AND ACCESS

The Eureka property consists of 347 contiguous mineral claims, which are located in west-central Yukon at latitude 63°32' north and longitude 138°52' west (Figure 1). The property covers an area of approximately 7200 ha (72 km^2). The claims are registered with the Dawson Mining Recorder in the name of Archer Cathro, which holds them in trust for Trifecta Gold. Claim data are listed below, while the locations of individual claims are shown on Figure 2.

Claim Name	Grant Number	Expiry Date*
Eureka 1-56	YC12951-YC13006	February 15, 2034
57-60	YC13701-YC13704	February 15, 2034
73-84	YC13717-YC13728	February 15, 2034
97-112	YC13741-YC13756	February 15, 2034
121-182	YC13765-YC13826	February 15, 2034
189-202	YC13833-YC13846	February 15, 2034
203-258	YD07463-YD07518	February 15, 2034
259-270	YD07909-YD07920	February 15, 2034
273-276	YD07923-YD07926	February 15, 2031
277-354	YD07927-YD08004	February 15, 2032
370-380	YD08020-YD08030	February 15, 2032
390-411	YD08040-YD08061	February 15, 2031

* Expiry dates do not include 2021 work that has not yet been filed for assessment credit.

The Eureka property lies approximately 370 km northwest of Whitehorse and 65 km south of Dawson City, the nearest supply centre. The property is accessed via the Hunker Creek-South Klondike road system, which joins the Klondike Highway 20 km east of Dawson City. The Hunker Creek-South Klondike road system extends south for 90 km before reaching the

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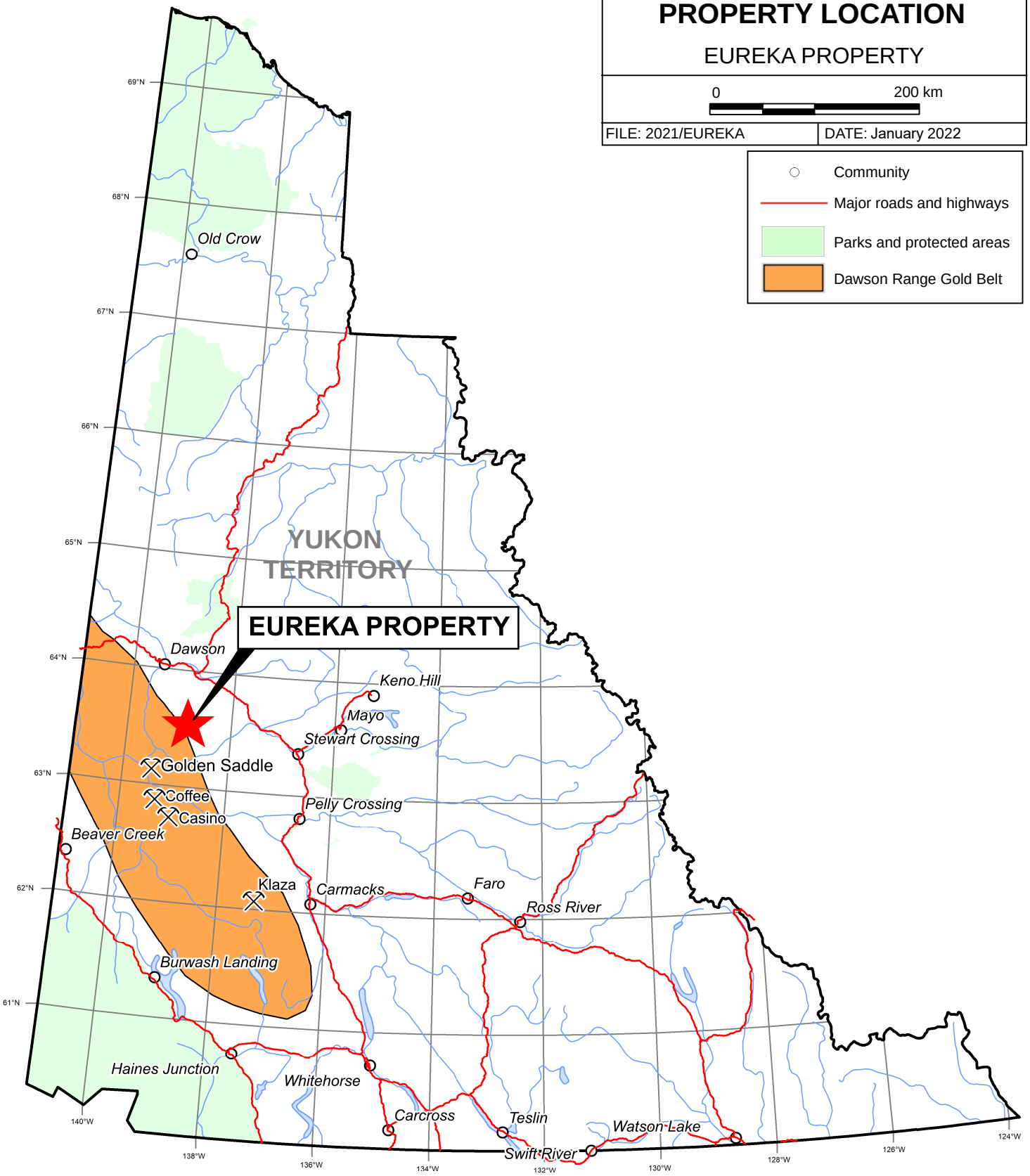
FIGURE 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY LOCATION

EUREKA PROPERTY

0 200 km

FILE: 2021/EUREKA | DATE: January 2022



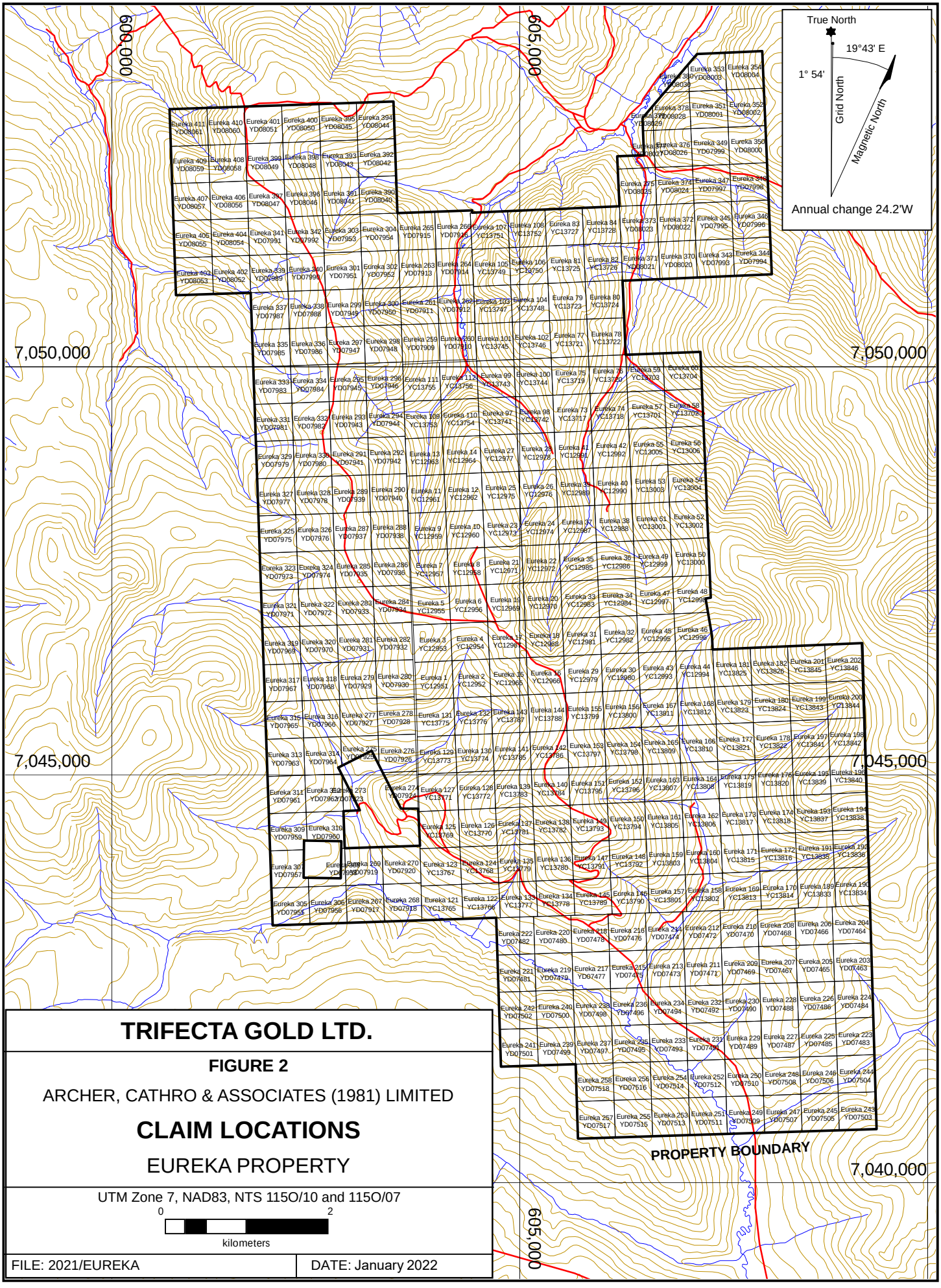


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FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS

EUREKA PROPERTY

UTM Zone 7, NAD83, NTS 115O/10 and 115O/07

0 2

kilometers

FILE: 2021/EUREKA | DATE: January 2022

property, and is normally suitable for two-wheel drive vehicles during summer and fall months. Access to various parts of the property is provided by a network of four-wheel drive roads and bulldozer trails that are maintained by local placer miners. The 2021 field work program was conducted from a tent camp at the road junction south of the Ball Showing (September 3 to 6) and on the ridge next to the Wealth Showing (September 7 to 21). The camps were accessed by pickup truck using the existing placer road network. One CanDig excavator was hauled in and out of the property on a flatbed trailer towed by a pickup truck. The 2021 work program was conducted under Class 1 Notification Q2021_0221.

HISTORY AND PREVIOUS WORK

Black Hills and Eureka creeks, which drain the Eureka property, have been explored for placer gold since the Klondike gold rush of 1898. Extensive mining has been conducted using shafts and ground sluicing from the late 1890s until the early 1940s and modern, open-cut mining methods since 1959. Reported gold production on Black Hills and Eureka creeks from 1978 to 2017 is 112,655 and 95,283 ounces of gold, respectively (YGS, 2017).

Figure 3 illustrates the significant historical workings on the property including main roads and trails, named showings, and collar locations for reverse circulation (RC) percussion and diamond drill holes.

Hard rock exploration done in the area prior to 1988 is poorly documented. In 1988, Dawson Eldorado Mines Ltd. and Wealth Resources Ltd. staked the Reka claims to cover the headwaters of Eureka Creek, where a Geological Survey of Canada (GSC) stream sediment sample returned 89 ppb gold. Dawson Eldorado Mines and Wealth Resources performed geological mapping and soil sampling along the ridge system separating upper Eureka Creek from Childs Gulch, a tributary of Black Hills Creek. This work identified three north-trending showings where gold occurs in rocks and soils – the Allen, Childs and Wealth (van Angeren, 1988). Despite encouraging results, the Reka claims were allowed to lapse.

In 1992, the area was restaked as the Clara claims by Wealth Resources and Pacific Mariner Exploration Ltd. Minor soil sampling and ground-based Very Low Frequency Electromagnetic (VLF-EM) geophysical surveys were carried out between 1992 and 1994, in the vicinity of the previously identified showings. In 1994, bulldozer trenching was conducted across gold-in-soil anomalies and VLF-EM conductors (Deklerk and Traynor, 2005) and additional trenching in 1995 failed to uncover significant mineralization. The Clara claims were subsequently allowed to lapse.

In late 1998, Archer Cathro conducted a comprehensive study of the placer gold from Eureka Creek and Childs Gulch. Gold recovered from the upper reaches of both creeks is described as a mixture of angular, coarse and fine grains with the average grain size decreasing and the fineness increasing downstream. Some grains were reported to contain inclusions of dark quartz while others were attached to larger white quartz fragments. Based on these observations, the study concluded that the bedrock sources for the placer gold lie within the Eureka Creek and Childs Gulch drainages.

605,000

Creek

Eureka

Fork

Fork

Right

Left

True North

19°43' E

1° 54'

Grid North

Magnetic North

Annual change 24.2'W

7,050,000

7,050,000

HAPPY SHOWING

ALLAN SHOWING

WEALTH SHOWING

PROPERTY BOUNDARY

Black

7,045,000

7,045,000

CHILDS SHOWING

Gulch

BALL SHOWING

Hills

Childs

Creek

2002 RC drill hole

2006 RC drill hole

2010 RC drill hole

2011 diamond drill hole

Excavator trench (2006, 2009)

Showing

Trail

605,000

7,040,000

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FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

HISTORICAL WORKINGS

EUREKA PROPERTY

UTM Zone 7, NAD83, NTS 115O/10 and 115O/07

0 2,000

meters

FILE: 2021/EUREKA

DATE: January 2022

In 1999, Nordac Resources Ltd. (now Strategic Metals) staked 72 Eureka claims and a number of adjoining Armenius claims in order to cover the potential sources of placer gold identified in Archer Cathro's study. Later that spring, Nordac Resources formed the Eureka Joint Venture with Expatriate Resources Ltd. and staked an additional 314 claims in the study area.

During the summer of 1999, Eureka Joint Venture collected 499 soil samples from the Eureka project area in conjunction with limited prospecting. Soil sampling identified an area of strongly anomalous gold geochemistry in the area drained by upper Eureka Creek. A sample of limonitic breccia float with remnant pyrite cubes, collected from the Allen Showing, returned 15 g/t gold, 25.5 g/t silver, 3510 ppm arsenic and 23 ppm molybdenum (Wengzynowski, 2000). Following this work, all claims comprising the Armenius property and some of the Eureka claims were allowed to lapse.

In February 2002, Viceroy Resource Corporation optioned the Eureka property and completed three reverse circulation (RC) percussion drill holes at the Allen Showing and one hole at the Wealth Showing. Drilling at the Wealth Showing confirmed down-dip continuity of mineralized breccia exposed in trenches, yielding 0.66 g/t gold over an 8 m true width. However, the three drill holes designed to test the down-dip continuity of the Allen Showing failed to return significant results, and the option agreement was subsequently terminated (Diment, 2002).

In January 2003, Expatriate Resources transferred its interest in the Eureka property to StrataGold, as part of a corporate reorganization.

In spring 2006, StrataGold and Strategic Metals signed an agreement that allowed Strategic Metals to earn a 100% interest in the property by funding the 2006 exploration program, which comprised prospecting, 1151 m of excavator trenching and 823 m of RC percussion drilling in ten holes (Wengzynowski, 2006). Trenches dug across the Wealth Showing exposed quartz breccia in an area of pervasive clay alteration. Trench T1 exposed several narrow breccia zones that averaged 0.539 g/t gold over 20 m, while Trench T2 exposed intervals that graded 1.055 g/t gold and 18.9 g/t silver over 2 m and 0.747 g/t gold over 10 m. Drilling at the Wealth Showing tested beneath trench exposures and geochemical anomalies. Significant results included intervals that yielded 0.592 g/t gold over 18.3 m, 2.34 g/t gold over 3.05 m and 1.13 g/t gold over 6.1 m (Wengzynowski, 2006). Trenching at the Childs Showing traced a two- to five-metre-wide zone of breccia over a length of 500 m, returning up to 0.722 g/t gold over 4 m. A parallel zone of breccia assayed 0.481 g/t gold over a true width of 5.5 m (Wengzynowski, 2006). Strategic Metals subsequently gained sole ownership of the property.

In 2007, Anfield Ventures Inc. optioned the property and the following year it conducted property-wide helicopter-borne Versatile Time Domain Electromagnetic (VTEM) and magnetometer surveys. These surveys identified a magnetic break separating two contrasting fields of magnetic intensity, which corresponds with a prominent northwesterly trending linear topographic feature (Gregory, 2009). This feature was interpreted as the surface trace of a major thrust fault and approximately parallels the trend of the mineralized breccia zones at the Wealth and Childs showings. Anfield dropped its option in 2009.

In 2009, Strategic Metals completed 4200 m of excavator trenching in 18 trenches plus additional soil geochemical sampling and prospecting. The most significant trenching results were obtained from the Wealth Showing. Trench TR-09-01 exposed six subparallel bands containing blue-grey gouge, quartz breccia and quartz vein material. Chip samples collected across one of the bands averaged 0.97 g/t gold over 17.9 metres, including 2.56 g/t gold over 3 m. Another band in the same trench returned 0.45 g/t gold over 16.6 m (Smith, 2009). The soil geochemical survey collected 3609 soil samples from the central part of the property. This work identified widespread gold-in-soil anomalies (up to 762 ppb) with subordinate arsenic and antimony response along the northwest-trending topographic feature (Smith, 2009).

In 2010, Golden Predator Royalty & Development Corp. (now Golden Predator Mining Corp.) optioned the Eureka property and completed 2961 m of RC percussion drilling in 27 holes at the Wealth and Childs showings. Drilling at the Wealth Showing targeted a possible north-south extension of the mineralized breccia systems that were exposed by trenching in 2006. Significant results included intervals of 0.677 g/t gold over 3.04 m, 2.440 g/t gold over 1.53 m and 1.38 g/t gold over 3.05 m. Drilling at the Childs Showing, designed to follow-up previous trenching and drilling results, returned intervals of 6.620 g/t and 1.190 g/t gold, both over 1.52 m intervals (O'Brien, 2012).

In 2011, Golden Predator conducted 1188 m of diamond drilling in eight holes. The program was designed to test the Childs and Allen showings and a soil geochemical anomaly north of the Wealth Showing. The most significant result was 9.99 g/t gold over 1.51 m from hole EU11-029, which targeted the geochemical anomaly (O'Brien, 2012). The geochemical anomaly was named the Happy Showing. Golden Predator subsequently terminated the option.

In 2015, Strategic Metals performed 10 days of prospecting and soil geochemical sampling on the property. A total of 49 rock and 823 soil samples were collected for analysis. Rock samples from this program returned significant values from the Wealth and Childs showings, with peak values of 0.984 g/t gold and 56.9 g/t silver. Soil sampling yielded anomalous gold (up to 372 ppb), arsenic (up to 615 ppm), copper (up to 497 ppm), antimony (up to 28 ppm) and nickel (up to 681 ppm) from various parts of the property (Morton, 2016).

In 2016, Strategic Metals conducted a prospecting and geochemical sampling program on the property. A total of 1019 soil and seven rock samples were collected on the property. Soil sampling extended the main soil grid to the north and east. This work returned up to 180 ppb gold and 809 ppm arsenic near the Happy Showing and identified a new gold-in-soil anomaly in the northern part of the property, which returned up to 137 ppb proximal to the northwesterly trending linear identified in 2007 (Burrell, 2016).

In late 2016, Trifecta Gold acquired the Eureka property from Strategic Metals. In 2017, Trifecta Gold collected 439 soil samples and 3 rock samples for geochemical analysis. The soils were sampled in small grids west of the Happy Showing and southeast of the pre-existing 8.5 by 3.7 km grid across a northwest-trending linear. Samples from the Happy Showing yielded up to 170 ppb gold and 77 ppm arsenic, while samples in the southeastern part of the property returned up to 545 ppm gold, 139 ppm arsenic, 736 ppm copper and 163 ppm lead (Willms, 2018).

GEOMORPHOLOGY

The Eureka property is situated in the northern Dawson Range, an incised peneplain that escaped Pleistocene glaciation. Topography in the area is characterized by gently rounded hills and "V" shaped dendritic valleys. Two dominant drainages, Black Hills and Eureka Creek, drain the property and are tributaries of the Stewart and Indian rivers, respectively, which lie within the Yukon River watershed.

The property is located below treeline, and elevations range from 560 m above sea level (asl) in valley bottoms to 1300 m asl along the ridge separating Eureka Creek from Black Hills Creek. Vegetation is characterized by mature poplar stands along the lower creek valleys and stunted black spruce, willow, dwarf birch and juniper at higher elevations. In 2004, much of the property was engulfed by a forest fire.

Soil profiles in the Dawson Range are complex compared to most other places in Yukon. Due to the absence of glaciation, ridges and spines are deeply weathered and often leached of mobile metals

The climate in the vicinity of the Eureka property is typical of northern continental regions with long, cold winters, truncated fall and spring seasons and short, mild summers. Although summers are relatively mild, snowfall can occur in any month. The property is mostly snow free from early May to late October.

REGIONAL GEOLOGY

In 1996, Indian and Northern Affairs Canada published a geological map of the northern Stewart River Area and the Klondike and Sixtymile districts (including parts of 115O/15, 16) at 1:50,000 scale (Mortensen, 1996). In 2005, the GSC published an updated 1:250,000 scale compilation of the Stewart River Area, which includes the area of the Eureka property (Gordey and Ryan, 2005). Geological unit names were updated in 2015 by the Yukon Geological Survey and regional geological maps are periodically updated as new information becomes available.

The Eureka property is underlain by the Yukon-Tanana terrane (YTT), a pericratonic terrane accreted to the northwestern margin of ancestral North America during the Permian to Triassic (Figure 4). The YTT in this area is characterized by Proterzoic to Devonian siliciclastic rocks of the Snowcap assemblage structurally interlayered with Devonian to Mississippian meta-volcanic and meta-siliciclastic and meta-carbonate rocks of the Finlayson assemblage (Figure 5; Table I). This basement is intruded by meta-plutonic rocks of the Simpson Range and Sulphur Creek suites and a meta-gabbroic sill of the Late Triassic Minto Suite. Post-accretionary fluvial chert-pebble conglomerates and quartzites of the Indian River Formation and tuffaceous volcanics of the Carmacks Group overlie the metamorphic rocks. Intermediate to felsic, slightly alkaline plutonic rocks of the Prospector Mountain suite intrude the metamorphic basement and are coeval with the Carmacks Group volcanic rocks. The youngest unit observed in the region comprise plugs of Ross Group (ITR2) subvolcanic rhyolite to rhyodacite porphyry.

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FIGURE 4

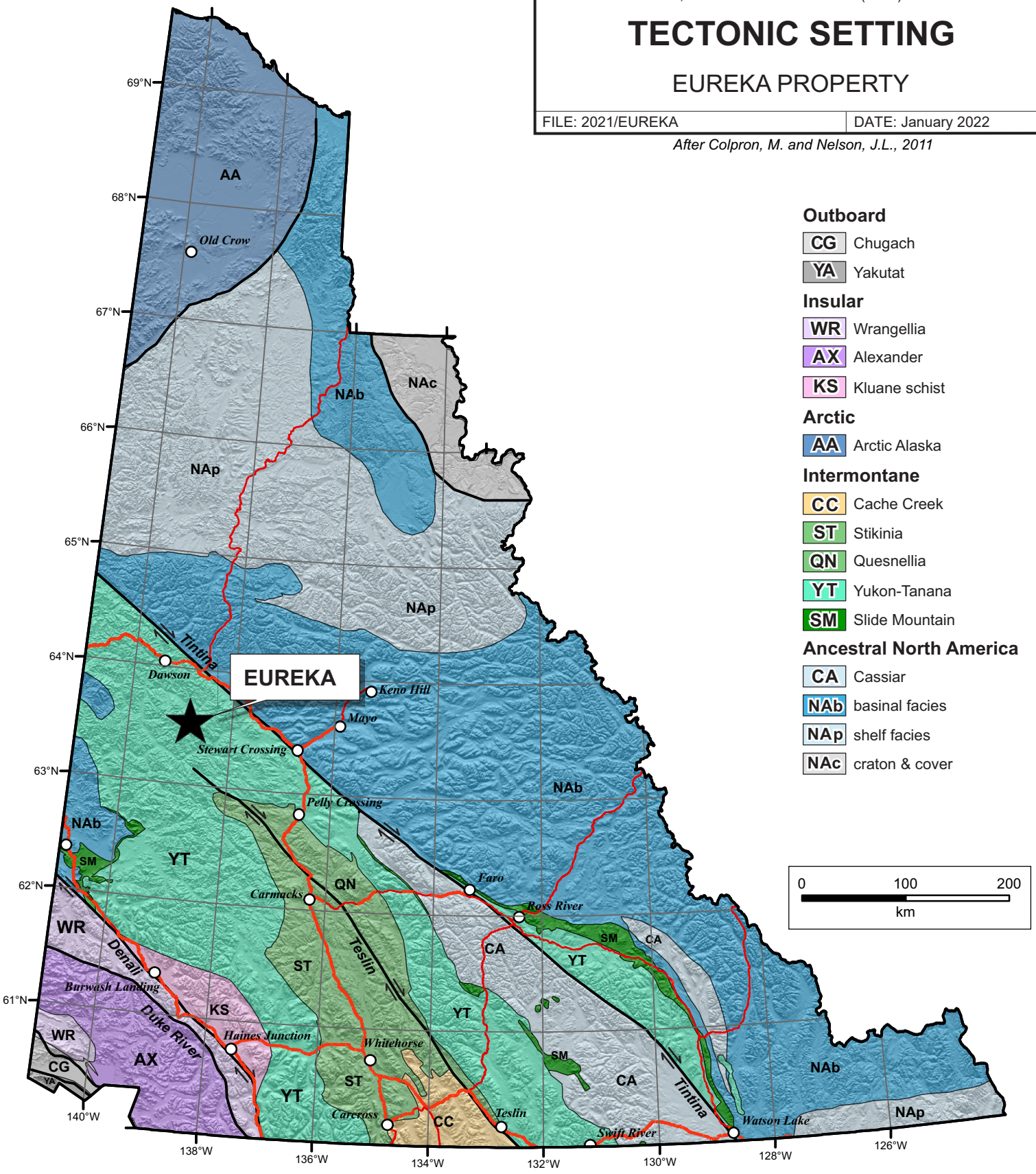
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

EUREKA PROPERTY

FILE: 2021/EUREKA | DATE: January 2022

After Colpron, M. and Nelson, J.L., 2011



Outboard
- CG Chugach
- YA Yakutat

Insular
- WR Wrangellia
- AX Alexander
- KS Kluane schist

Arctic
- AA Arctic Alaska

Intermontane
- CC Cache Creek
- ST Stikinia
- QN Quesnellia
- YT Yukon-Tanana
- SM Slide Mountain

Ancestral North America
- CA Cassiar
- NAb basinal facies
- NAp shelf facies
- NAc craton & cover

0 100 200 km

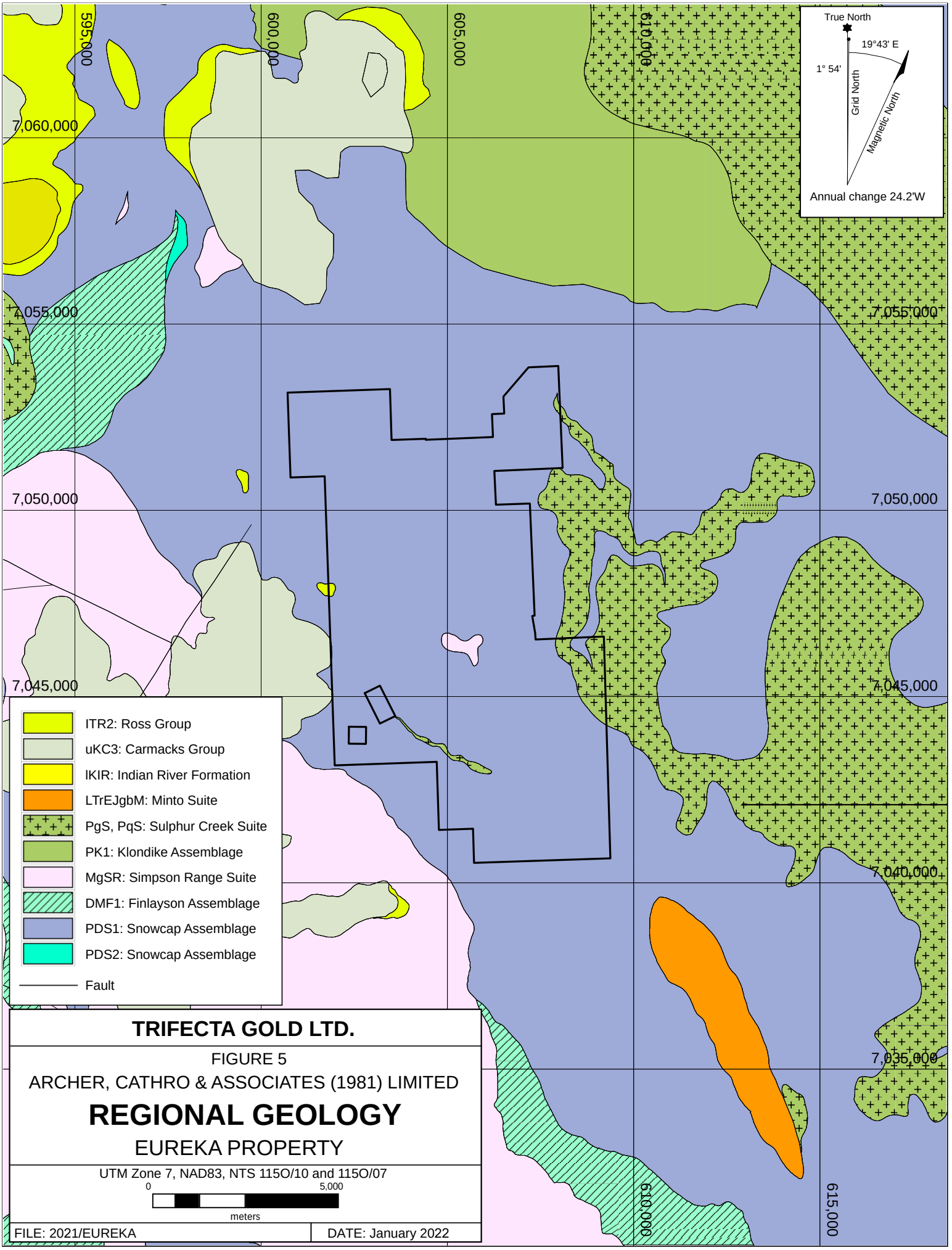


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FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

EUREKA PROPERTY

UTM Zone 7, NAD83, NTS 115O/10 and 115O/07

0 5,000

meters

FILE: 2021/EUREKA

DATE: January 2022

Table I – Regional Lithological Units (*after Yukon Geological Survey, 2016*)

Map Suite	Age	Map Unit	Description
Ross Group	Eocene to Paleocene	ITR2	Mixed bimodal volcanic rocks (rhyolite) dominantly along or near Tintina Fault; farther removed, scattered occurrences of rhylitic lava are also included. (2) Rhyolite flows, tuff, ash-flow tuff and breccia, locally laminated; small stocks and necks of white weathering, flow-banded, quartz-sanadine porphyry to granite porphyry, locally obsidian bearing; local shale, sandstone and conglomerate.
Carmacks Group	Upper Cretaceous	uKC3	Volcanic succession dominated by basic volcanic strata and locally felsic volcanic rocks. (3) Acid vitric crystal tuff, lapilli tuff and welded tuff including feeder plugs and necks; felsic volcanic flow rocks and quartz feldspar porphyries; green and purple massive tuff-breccia with feldspar phyric fragments.
Prospector Mountain Suite	Late Cretaceous	LKPg	Grey, fine to coarse-grained, massive, granitic rocks of intermediate composition. (g) Hornblende-biotite granodiorite, hornblende diorite, quartz diorite.
Indian River Formation	Lower Cretaceous	IKIR	Clast-supported pebble to cobble conglomerate with clasts of vein quartz and foliated quartzite; coarse-grained sandstone; minor tuff.
Minto Suite	Lower Jurassic to Upper Triassic	LTrEJgbM	Mostly intermediate but locally grading to hornblende gabbro. (gb) Hornblende gabbro; locally pegmatitic.
Sulphur Creek Suite	Permian	PSg	Variably foliated granitoids of intermediate composition. (g) Granodiorite and quartz-monzonite.
		PSq	Variably foliated granitoids of felsic composition. (q) Variably foliated K-feldspar augen granite, metaporphyry; coarse-grained, homogenous, hornblende-biotite-bearing granite.
Klondike Assemblage	Permian	PK1	Felsic metavolcanic rocks. (1) Tan to rusty and black weathering quartz-muscovite-chlorite schist; quartz and/or feldspar augen-bearing quartz-muscovite (chlorite) schist; locally includes augen gneiss.
Simpson Range Suite	Mississippian	MgSR	Foliated granitoid of mainly granodiorite to tonalite composition. (g) Foliated to strongly foliated, fine to medium-grained, hornblende-

			bearing metagranodiorite, metadiorite and metatonalite.
Finlayson Assemblage	Upper Devonian to Mississippian	DMF1	Assemblage of mafic rocks of arc and back-arc affinities. (1) Medium to dark green intermediate to mafic volcanic and volcaniclastic rocks; fine-grained amphibolite and greenstone.
Snowcap Assemblage	Neoproterozoic to Upper Devonian	PDS1	Assemblage of dominantly metasiliciclastic rocks. (1) Polydeformed and metamorphosed quartzite, psammite, pelite and marble; minor greenstone and amphibolite
		PDSc	Assemblage of minor marble. (2) Light grey to buff weathering marble, generally lenticular and discontinuous.

Five phases of deformation are recognized regionally spanning from Middle Permian to Late Cretaceous (Mortensen et al., 2012). Earliest recognized deformation is characterized by two ductile phases (D1 and D2) that attributed to initial accretion of the YTT. These phases are characterized by penetrative foliation sub-parallel to original bedding that takes on a northwesterly trend and dips gently to the northeast. A phase of ductile-brittle deformation (D3), associated with regional thrust fault development in the Early Jurassic, formed a regional crenulation cleavage that is axial planar to northeast verging folds. These crenulations coincide with serpentinite and greenstone emplacement along the thrust faults. A Middle to Late Jurassic phase of brittle-ductile deformation (D4), is related to north to northwest trending deformation corridors up to 100 m wide. These corridors comprise upright axial planes and buckle folds associated with high angle reverse faults and related gouge zones. The final deformation event (D5) is characterized by brittle faulting associated with northeast trending normal faults and gouge that occurred in the Late Cretaceous.

PROPERTY GEOLOGY

The 2021 geological mapping of the Eureka property at 1:10000 scale is the most comprehensive geological mapping undertaken on the property to date. Systematic mapping is encumbered by a lack of bedrock exposures, which are generally confined to ridge crests, placer excavations, road cuts and creek exposures. However, a sufficient distribution of such outcrops was observed on the property to define its general lithologic and structural character. The region was unaffected by Pleistocene glaciation so rubbly float of consistent lithology was taken to be approximately in-situ. Figure 6 illustrates the updated property geology map. A cross section illustrating the geology through the central portion of the map, west of the Childs Showing is provided in Figure 7. Descriptions for lithological units corresponding to the 2021 geological mapping are provided below.

The property is mostly underlain by Neoproterozoic to Late Devonian Snowcap Assemblage quartzite (PDSq) with interbedded psammitic schist and biotite-rich quartz-mica schist. A well-developed foliation is present in all Snowcap rocks that generally dips 10° to 35° west to south with the shallowest dips near the center of the property. Tight folding in the quartzite was noted by Diment (2002) and west of the Wealth Showing in 2021. Stretching lineations observed

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FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

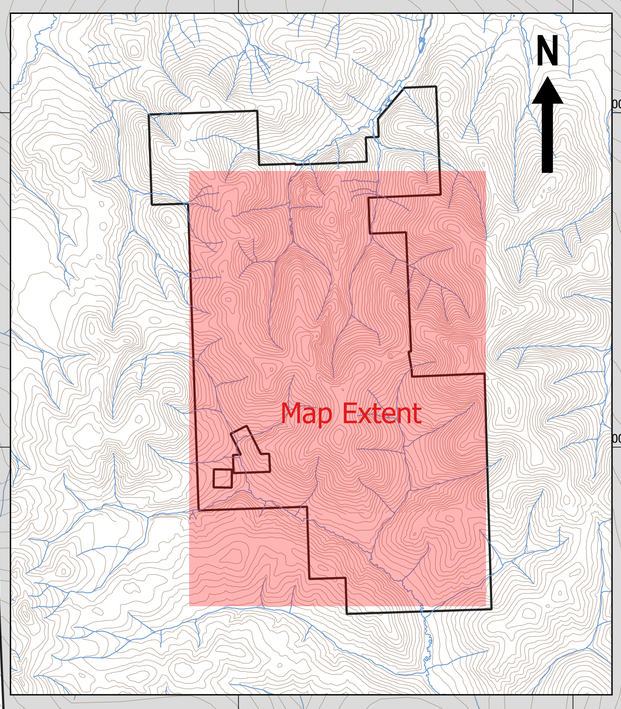
GEOLOGICAL MAP

EUREKA PROPERTY

1:10000 SCALE

0 250 500 750 1000 m

UTM ZONE 7, NAD 83, NTS 115O/10, 115O/07 | January 18, 2022



PROPERTY BOUNDARY

HAPPY SHOWING

ALLEN SHOWING

WEALTH SHOWING

CHILDS SHOWING

BALL SHOWING

PROPERTY BOUNDARY

PROPERTY BOUNDARY

A

A'

602000 mE 603000 mE 604000 mE 605000 mE 606000 mE 607000 mE 608000 mE 609000 mE

7051000 mN 7050000 mN 7049000 mN 7048000 mN 7047000 mN 7046000 mN 7045000 mN 7044000 mN 7043000 mN 7042000 mN 7041000 mN

Legend

Late-Cretaceous

Prospector Mountain Suite

- LKPg — Undeformed hornblende-biotite granodiorite

Mid- to Late-Permian

Sulphur Creek Suite

- PSq — Feldspar augen orthogneiss

Late-Proterozoic to Late-Devonian

Snowcap Assemblage

- PDSq — Foliated grey quartzite
- PDSs — Biotite-muscovite psammitic schist
- PDSb — Biotite-rich qtz-mica schist
- PDSc — White to pale purple to grey banded marble, lenticular and discontinuous

- Geological contact, inferred
- LiDAR linear
- Fault, inferred
- Thrust fault, inferred
- Mineral showing
- Strike and dip of cleavage
- Strike and dip of fracture
- Strike and dip of significant vein
- Strike and dip of breccia zone
- Trend and plunge of fold axis
- Boundary of 2021 mapping area
- Topographic contour (20 m interval)
- Road
- Streams
- Lakes and rivers

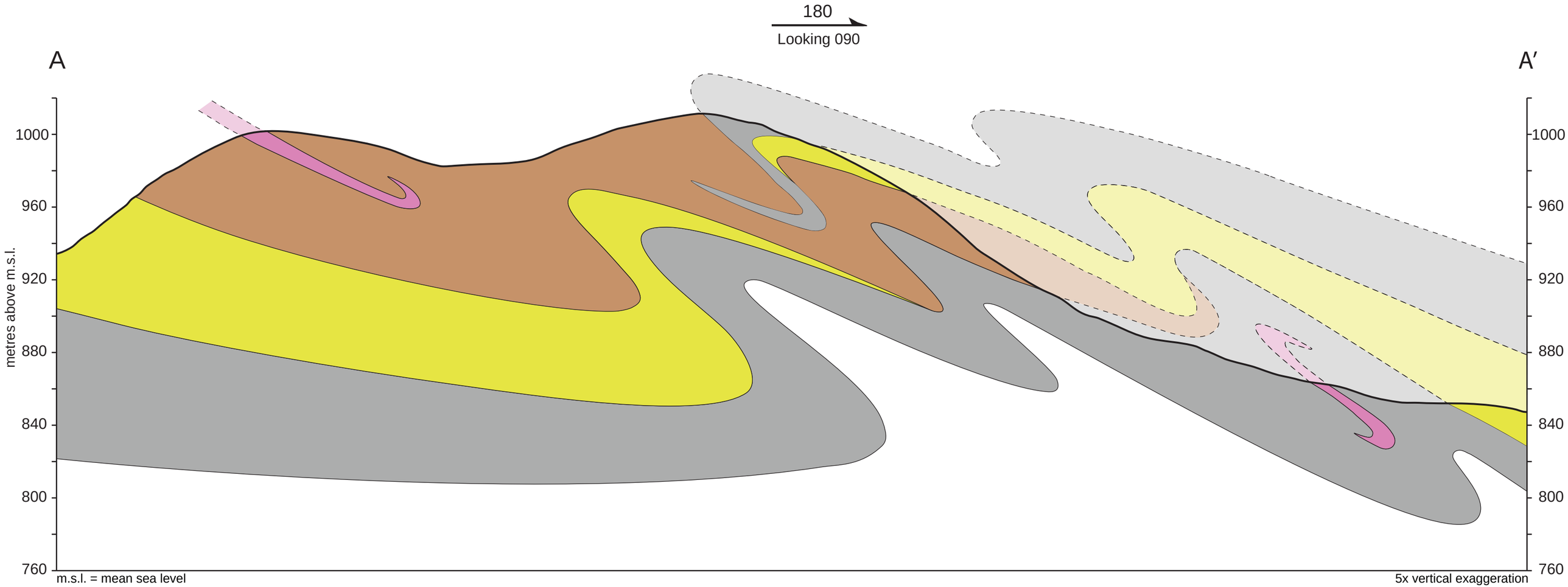


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FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CROSS SECTION A-A’

EUREKA PROPERTY

1:10000 SCALE

0 500

metres

FILE: ...PROJECT/2021/EUREKA	January, 2022

Mid- to Late Permian

Sulphur Creek suite

- PSq — Feldspar augen orthogneiss

Late-Proterozoic to Late-Devonian

Snowcap Assemblage

- PDSq — Foliated grey quartzite
- PDSs — Biotite-muscovite psammitic schist
- PDSb — Biotite-rich qtz-mica schist

within the quartzite are generally subhorizontal and trend northwest to southeast. Northeast to northwesterly-trending, isolated and discontinuous horizons of marble were documented in the western and southern parts of the property where they are exposed in road cuts.

Mid- to Late-Permian Sulphur Creek meta-granitoids - comprising mainly felsic feldspar augen gneiss - were mapped over significant thicknesses in the southern portion of the property and as smaller horizons on ridge crests in the north. An intrusive stock of intermediate composition was mapped in 2021 on the western margin of the property along Black Hills Creek. This unit is an undeformed hornblende-biotite granodiorite that post-dates regional deformation and is interpreted as being part of the Late Cretaceous Prospector Mountain suite.

Eureka Creek and Childs Gulch form a north-northwest-trending topographic linear that has been interpreted to represent the surface trace of a northwest dipping thrust fault (Pautler, 2016). Breccia zones exposed on the west side of the linear, the hanging wall of the thrust, are orientated approximately parallel to the linear.

A north-northwest-trending inferred fault roughly coincides with Childs Gulch and intersects the Ball Showing. Sheeted, steeply dipping veins on the east side of this inferred fault are oriented approximately parallel to the fault. There is an apparent dextral offset of lithological units along this fault, and it is interpreted to post-date the northwest-dipping thrust fault found to the north.

Folding and warping are implied by the change in foliation attitudes observed across the property. Limited exposure precludes an interpretation of the structures, but a small number of folds observed in outcrop indicate the folds are generally tight to isoclinal with roughly east-west axial traces and steely dipping to upright axial planes.

Publicly available Lidar for the road network running through the property shows several north-northwest striking linear features (Figure 6). These linears are roughly parallel to the inferred fault running through Childs Gulch and are likely related structures.

Sanchez et al. (2012) synthesized publically available, regional-scale geological and geophysical data from western Yukon and eastern Alaska. According to Sanchez et al. (2012), deformation processes and fluid pressures associated with structural controls generate and maintain permeability within active faults, shear zones, and fracture networks. Specifically, steeply dipping, northeasterly trending brittle structures in the western Yukon have focussed pervasive fracturing, therefore, increasing the rock permeability and pressure gradients. Secondary permeability may be further enhanced at structural intersections. The airphoto linear on the property exhibits structural and mineralogical characteristics that are consistent with the large-scale regional trends highlighted by Sanchez et al. (2012).

PROPERTY MINERALIZATION

The Eureka property hosts two main types of gold mineralization: 1) auriferous quartz breccias and gouge zones that are found along low angle shear and fault structures; and 2) massive quartz veins with elevated concentrations of gold.

Quartz breccias on the property consist of autoclastic, subangular to well-rounded, limonitic quartz clasts cemented in a matrix of rock flour. Mineralization consists of pitted clots of limonite found in quartz fragments and along fractures, with rare remnant pyrite. The geochemistry of the breccias is generally characterized by positive correlations between gold, silver, arsenic, molybdenum and lead, with near background values for antimony and bismuth.

Veins comprise clear to white, strongly fractured quartz with rusty weathering vugs and pits along fractures. Mineralization within the veins consists of remnant disseminated pyrite, galena, chalcopyrite and arsenopyrite, in decreasing order of abundance. Some specimens exhibit crackle brecciation, which are distinguished from the milled breccias by the strong angularity of the fragments and the absence of a rock flour matrix.

Historical prospecting, trenching and drilling on the Eureka property have identified five named showings: Happy, Allen, Wealth, Childs and Ball. Descriptions of the showings are provided in the following paragraphs.

The **Happy Showing** is located at the toe of a north-trending ridge within an arcuate gold-arsenic soil geochemical anomaly (Anomaly E). In 2011, a diamond drill hole targeting the soil anomaly and a northwest-trending fault returned 9.99 g/t gold over 1.5 m from an intercept that is associated with a narrow zone of graphitic, healed fault breccia (O'Brien, 2012).

The **Wealth Showing** is found 1600 m southwest of the Happy Showing, along the same ridge. Eight trenches excavated across the showing between 1999 and 2009 exposed north-trending quartz breccias with clay alteration halos. Significant results from this work include chip samples yielding 0.54 g/t gold over 20 m, 0.97 g/t gold over 17.9 m, 0.75 g/t gold over 10 m and 1.06 g/t gold over 2 m (Deklerk and Traynor, 2005; Wengzynowski, 2006; and Smith, 2009). In 2006, 10 RC drill holes were completed along three section lines in the core of the Wealth Showing. Elevated gold values were encountered from intervals in all 10 holes, with highlights including: 0.592 g/t gold over 18.3 m and 1.38 g/t gold over 3.05 m (Wengzynowski, 2006). In 2010, an additional 23 RC drill holes were completed at the Wealth Showing. The most significant results from this work were from two holes spaced 100 m apart, designed to test quartz veins and breccias exposed in 2009 excavator trenches. Those holes returned 2.44 g/t gold over 1.53 m and 1.93 g/t gold over 1.52 m along the same stratigraphic horizon (Bourne and Marino, 2010). The showing is situated in a 600 by 300 m gold-in-soil enriched area that is part of a larger elongated soil geochemical anomaly, Anomaly B.

Preliminary cyanide leach bottle-roll tests of course reject material from chip samples taken from trenches at the Wealth Showing yielded the following results in a 24-hour period (Smith, 2009).

Table II – Results of Cyanide Leach Test

Gold Head Grade (g/t)	Gold from Cyanide Recovery (g/t)	Recovery Percent (%)
0.32	0.33	100
0.59	0.57	96.6
1.16	0.90	77.6
2.76	2.72	98.5

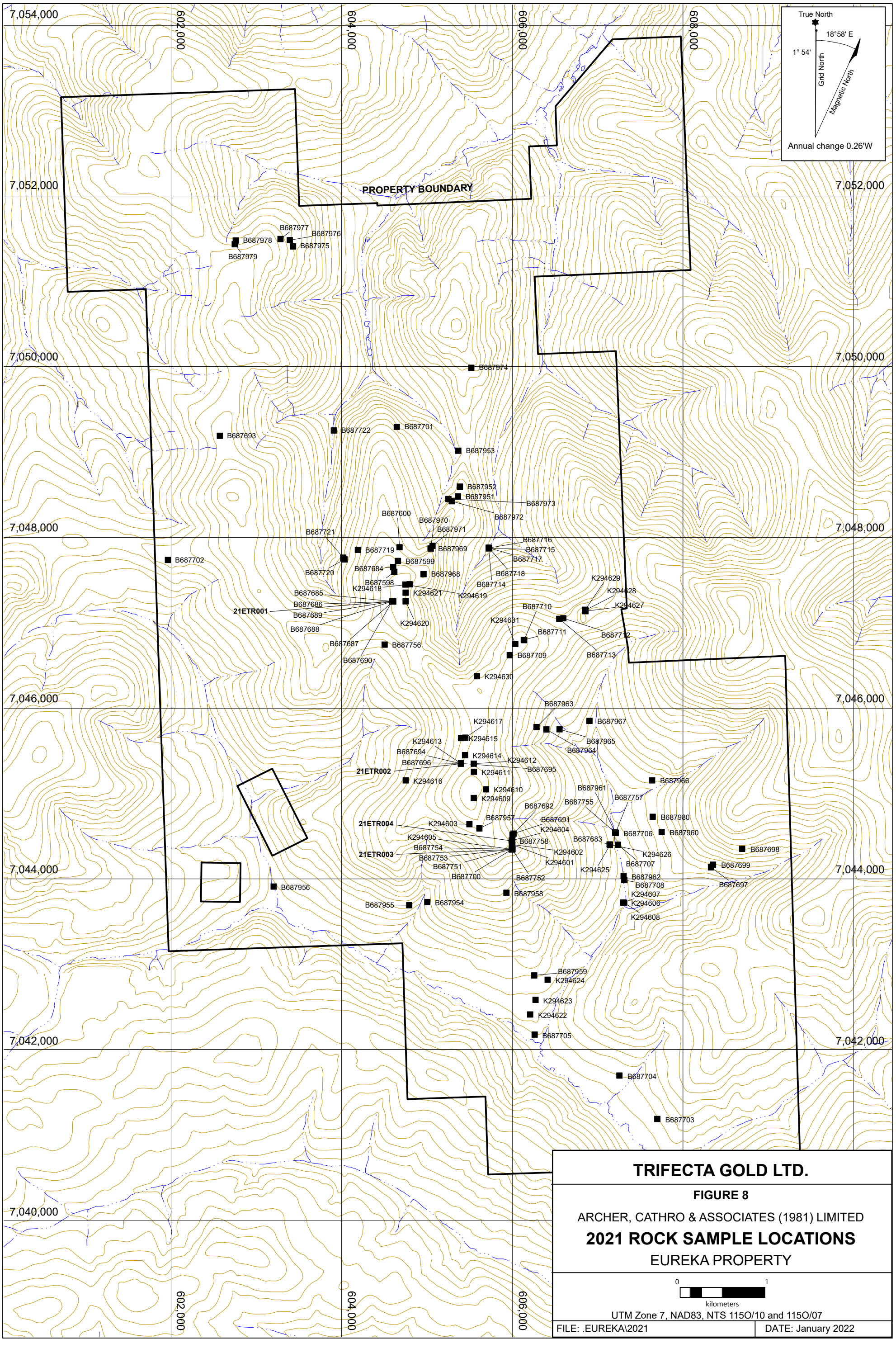
The **Allen Showing** lies 1000 m southeast of the Happy Showing and is exposed in a single, deep trench cut along a different north-trending ridge. The showing consists of a clay-altered breccia zone that is two to five metres wide and trends north to northwest. Rock samples yielded up to 15 g/t gold but follow up trenching returned only 0.44 g/t gold over four metres (Wengzynowski, 2000). In 2002, three RC drill holes targeted the Allen Showing, and in 2011 one diamond drill hole was completed. The diamond drill hole intersected numerous small gouge zones, as well as minor local brecciation, but none of the four holes yielded significant results for gold or other metals of interest (Diment, 2002; O'Brien, 2012). The showing lies within a gold-arsenic-lead soil geochemical anomaly, Anomaly F.

The **Childs Showing** lies 2.7 km south of the Wealth Showing and comprises gold-bearing breccia zones exposed in three excavator trenches. Chip samples collected from the trenches yielded 0.722 g/t gold over a true width of 4 m and 0.481 g/t gold over a true width 5.5 m (Wengzynowski, 2006). In 2010, four RC drill holes were completed at the Childs Showing, which were designed to intersect the down-dip extension of the gold-bearing breccias exposed in trenches. All four holes returned significant gold grades, including 6.62 g/t gold over 1.52 m and 1.19 g/t gold over 1.52 m (Bourne and Marino, 2010). The Childs Showing also lies within Anomaly B.

The **Ball Showing** is located 2.2 km southeast of the Childs Showing and comprises a gold-rich quartz vein that was exposed in bedrock by placer mining. A chip sample across the vein assayed 9.8 g/t gold over 0.6 m. In 2011, five short diamond drill holes totalling 385.07 m were attempted in the area around the Ball Showing, but most were abandoned due to difficult ground conditions, and none appears to have reached the vein (O'Brien, 2012).

Altered pyritic orthogneiss has been exposed over an approximately 40 by 750 m area by placer operations along Childs Gulch. Pyritic sheeted veins through the area trend north with steep east-west to vertical dips. Alteration of the orthogneiss is variable from intense clay alteration to potassic alteration with potassium feldspar and silicification and moderate to strong chlorite with clay and graphitic alteration (O'Brien, 2012).

In 2021, 112 rock samples were collected from the Eureka property for geochemical analysis: 19 chip samples from outcrop and trenches, and 93 grab samples from outcrop, float, trenches, and hand pits. The 2021 rock sample and CanDig trench locations are plotted on Figure 8. Rock geochemical results from all programs for gold are illustrated thematically on Figure 9. Rock sample descriptions for all 2021 samples and assay certificates of analysis are provided in Appendices III and IV, respectively.


7,054,000
7,052,000
7,050,000
7,048,000
7,046,000
7,044,000
7,042,000
7,040,000
602,000
604,000
606,000
608,000
True North
18°58' E
1° 54'
Grid North
Magnetic North
Annual change 0.26'W
PROPERTY BOUNDARY
21ETR001
21ETR002
21ETR003
21ETR004
B687977
B687976
B687978
B687975
B687979
B687974
B687693
B687722
B687701
B687953
B687952
B687951
B687973
B687972
B687600
B687970
B687971
B687721
B687719
B687969
B687716
B687715
B687717
B687702
B687599
B687720
B687684
B687968
B687718
B687598
K294618
K294621
B687714
K294629
K294628
B687685
K294619
K294627
B687686
B687710
B687689
K294631
B687711
B687688
K294620
B687712
B687687
B687756
B687713
B687690
B687709
K294630
B687963
K294617
B687967
K294615
K294613
B687965
B687694
B687964
K294614
K294612
B687696
B687695
K294611
K294616
B687966
K294610
B687961
K294609
B687757
B687692
B687755
B687957
B687980
K294603
B687691
K294604
B687706
B687960
K294605
B687758
B687683
B687754
K294602
K294626
B687753
K294601
B687698
B687751
K294625
B687707
B687699
B687700
B687752
B687962
B687708
B687697
B687956
B687958
K294607
B687955
B687954
K294606
K294608
B687959
K294624
K294623
K294622
B687705
B687704
B687703
TRIFECTA GOLD LTD.
FIGURE 8
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
2021 ROCK SAMPLE LOCATIONS
EUREKA PROPERTY
0
1
kilometers
UTM Zone 7, NAD83, NTS 115O/10 and 115O/07
FILE: .EUREKA\2021
DATE: January 2022

602000
604000
606000
608000
7052000
7050000
7048000
7046000
7044000

True North
18°58' E
1° 54'
Grid North
Magnetic North
Annual change 0.26'W

J
E
F
B
G
A
C
H
D
I

HAPPY SHOWING
ALLEN SHOWING
WEALTH SHOWING
CHILDS SHOWING
BALL SHOWING
PROPERTY BOUNDARY

Gold-in-rock (g/t)
- 0.3 - 2.43
- 0.2 - 0.3
- 0.1 - 0.2
- 0.05 - 0.1
- 0 - 0.05
- Showing
- LiDAR linear
- Thrust fault
- Fault, inferred
- Soil anomaly

TRIFECTA GOLD LTD.

FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD ROCK GEOCHEMISTRY

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/10, 115O/07

0 2,000

metres

FILE: ...PROJECTS/2021/EUREKA | January 2022

TRIFECTA GOLD LTD.

FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

21ETR001

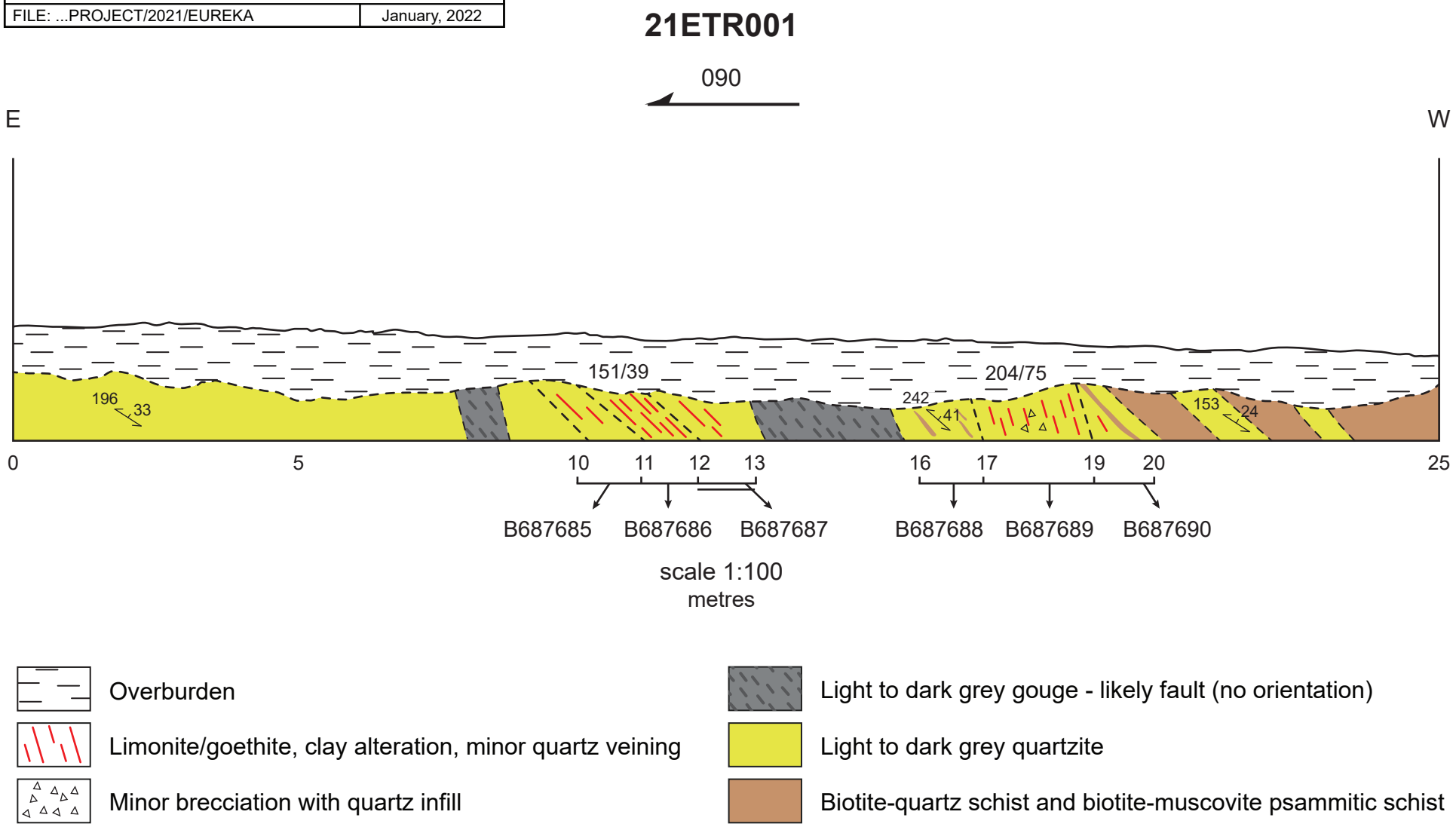
EUREKA PROPERTY

1:100 SCALE

0 5

metres

FILE: ...PROJECT/2021/EUREKA | January, 2022



TRIFECTA GOLD LTD.

FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

21ETR002

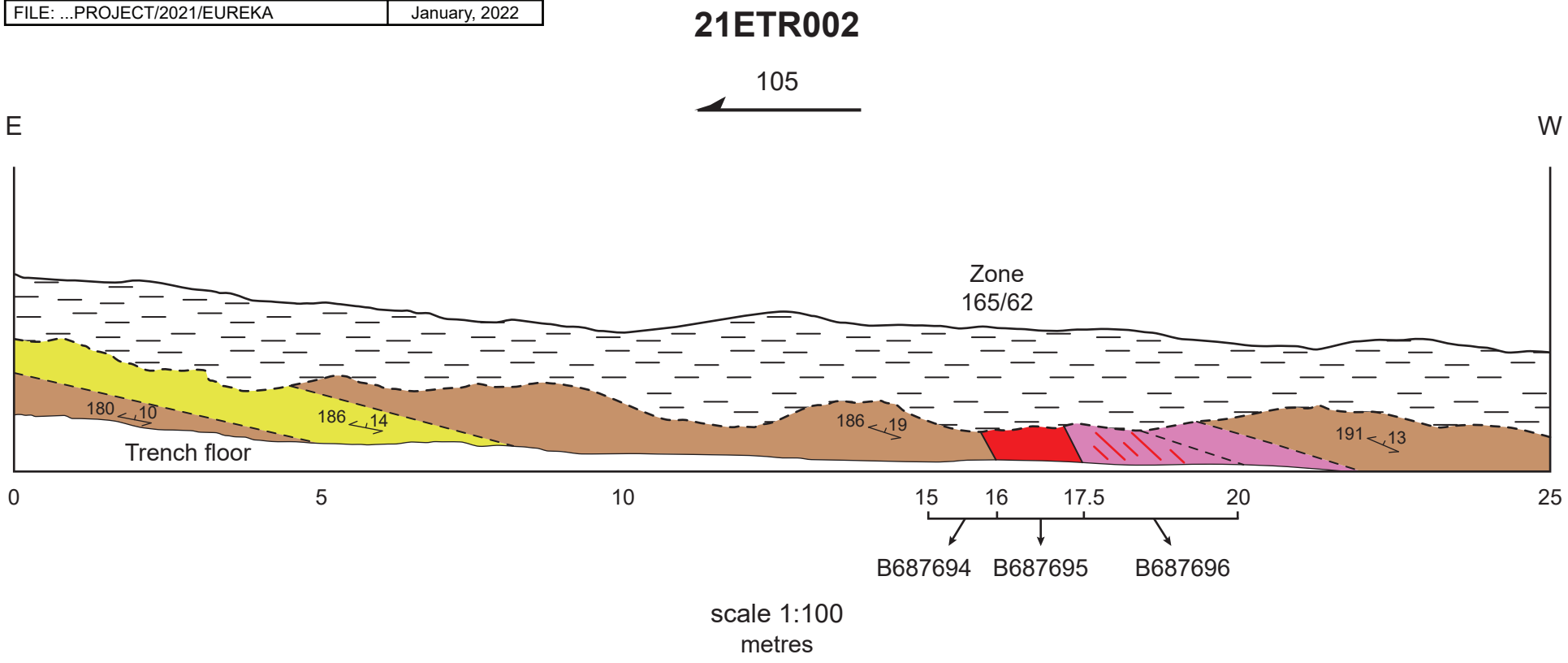
EUREKA PROPERTY

1:100 SCALE

0 5

metres

FILE: ...PROJECT/2021/EUREKA | January, 2022



TRIFECTA GOLD LTD.

FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

21ETR003

EUREKA PROPERTY

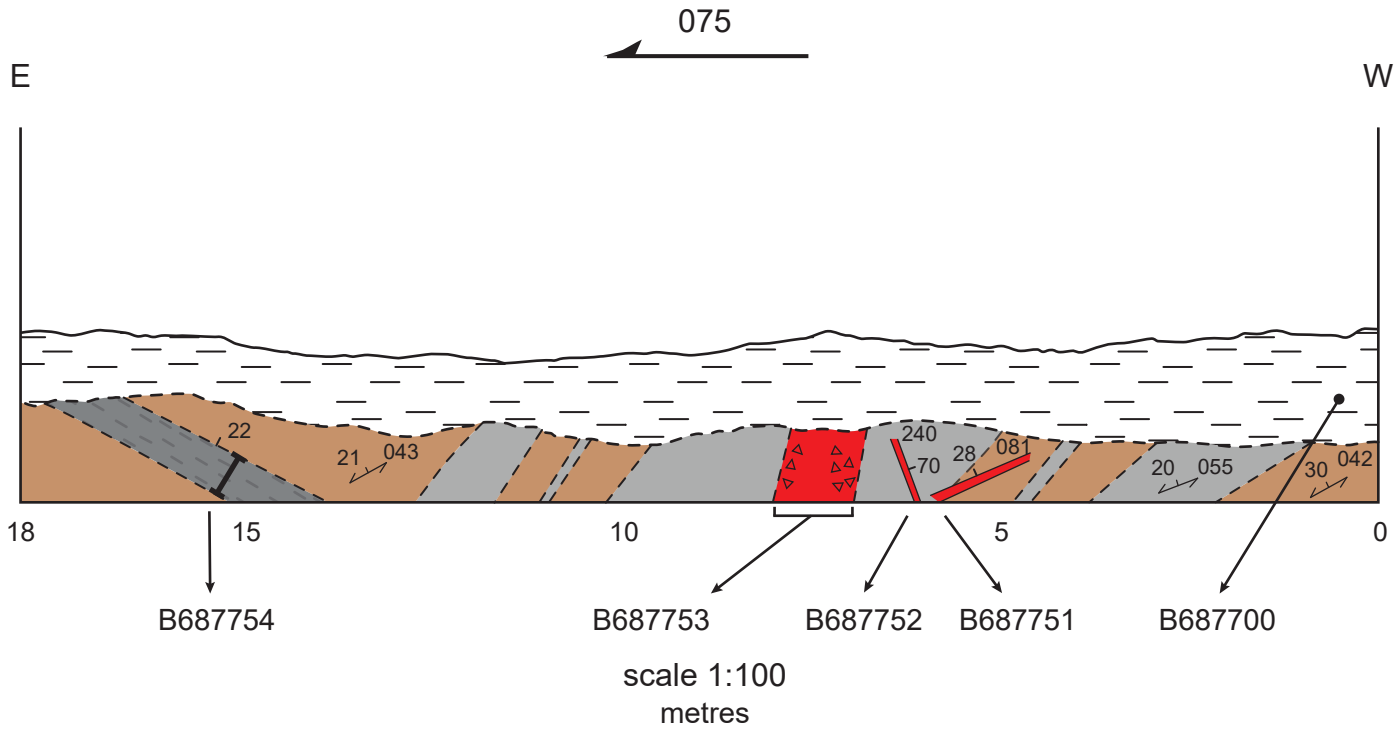
1:100 SCALE

0 5

metres

FILE: ...PROJECT/2021/EUREKA | January, 2022

21ETR003



scale 1:100

metres

- Overburden
- Quartz vein with minor brecciation
- Rusty, grey to bluish gouge
- Biotite-psammitic schist (thin quartzite layers)
- Biotite-quartz schist

TRIFECTA GOLD LTD.

FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

21ETR004

EUREKA PROPERTY

1:50 SCALE

0 2

metres

FILE: ...PROJECT/2021/EUREKA | January, 2022

21ETR004

090

E W

Strike of foliation parallel to section plane

24
096

4
109

6 5 4 3 2 1 0

B687758

scale 1:50
metres

Overburden

Quartz vein zone with minor brecciation to wallrock silicification

Biotite-psammitic schist

Rock sample sites on the property were marked with flagging tape labelled with the sample number. The location of each sample was determined using a handheld GPS unit. Rock sample preparation was carried out at ALS Minerals Whitehorse laboratory then multi-element analyses were completed at the ALS Minerals laboratory in North Vancouver, BC. Each sample was dried, fine crushed to better than 70% passing 2 mm (CRU-31) and then a 250 g split (SPL-21) was pulverized to better than 85% passing 75 microns (PUL-31). The fine fraction was analyzed for 35 elements using an aqua regia digestion followed by inductively coupled plasma combined with atomic emission spectroscopy (ME-ICP41). An additional 30 g charge was further analyzed for gold by fire assay followed by inductively coupled plasma-atomic emissions spectroscopy (Au-ICP21).

Hand Pitting and Prospecting

A float sample from a hand pit located on the western edge of Anomaly D, approximately 760 m southeast of the Childs Showing returned 2.43 g/t gold. This sample yielded the best gold response and comprised oxidized schist and quartz vein material with limonite coating vugs and fractures. Another float sample from a hand pit of oxidized schist with quartz veining and limonite coated vugs from a hand pit approximately 356m south-southeast of the Childs Showing returned 2.20 g/t gold. A composite sample of oxidized quartz fragments, breccia and quartz-rich wall rock from a hand pit at a strongly anomalous gold-in-soil anomaly at the edge of Anomaly G returned 2.37 g/t gold. A float sample from a hand pit located approximately 145 m southeast of the Wealth Showing returned 1.04 g/t gold. The sample comprised oxidized and brecciated quartzite with limonite coated vugs. Table III below lists significant gold results from the 2021 rock samples.

Table III – Significant 2021 Rock Sample Results

Rock Type	Sample Number	Sample Type	Au (g/t)	Nearest Au-in-soil (ppb)
Oxidized schist and quartz vein	K294604	Float	2.43	107
Oxidized quartz, breccia, quartz-rich wall rock	B687713	Float	2.37	206
Oxidized schist with quartz and limonitic pits and vugs	K294603	Float	2.20	115
Oxidized brecciated quartzite	K294618	Float	1.04	282
Oxidized breccia with quartz clasts and limonitic matrix	K294619	Float	0.657	229
Quartz vein and quartzite limonitic breccia	B687971	Float	0.550	10
Oxidized biotite-rich schist with quartz veins and pyrite	K294602	Float	0.457	107
Quartzite breccia with limonite infilling vugs	B687952	Float	0.348	13

CanDig Trenching

CanDig trenching was conducted in areas with anomalous gold and arsenic soil and rock geochemical values and near structural zones where outcrop or shallow bedrock was likely to be found. Trench locations were limited to within 100 m of the road. A total of 14 samples were collected from 4 trenches. Cross sections illustrating the geology and sample numbers for 21ETR001 to 21ETR004 are shown in Figures 10 to 13. Each trench was chip sampled across

exposed bedrock where quartz veins, breccia zones, mineralization, oxidation, or alteration was identified. Results from this sampling are described in the following paragraph. The chip samples were processed using the same preparation and analytical techniques described above for the rock samples.

The most significant trenching results were obtained approximately 365 m northwest of the Childs Showing in Anomaly B and 756 m southeast from the Childs Showing in Anomaly D. Trench 21ETR002 exposed a northwesterly-trending white to dark grey quartz vein and strongly silicified zone with vuggy quartz and minor disseminated oxidized pyrite. A 1.5 m chip sample across the quartz vein from this zone returned 1.65 g/t gold. Trench 21ETR004 exposed a zone of quartz veins, silicified biotite schist, and minor goethite-limonite coated breccia with a moderately vuggy to pitted texture. This zone contained minor oxidized pyrite throughout, very minor arsenopyrite and scorodite, and returned 1.34 g/t gold over 2 m. This trench roughly coincides with a linear feature observable on the publicly available LiDAR. Trench 21ETR003 exposed a 1 m quartz vein zone with minor brecciation and disseminated pyrite that returned 0.668 g/t gold. Additionally, this trench yielded a grab sample of quartz vein with limonitic fractures and local sericite that returned 0.873 g/t gold. Trench 21ETR001 exposed an approximately 4 m wide zone of altered, locally brecciated quartzite with limonite-goethite throughout and minor oxidized closely spaced, fine, grey quartz veins. A 2 m chip sample across the quartzite returned 0.472 g/t gold and a 1 m chip sample across the footwall of the altered quartzite breccia zone returned 0.388 g/t gold. Table IV below presents significant gold results from the 2021 trench samples.

Table IV – Significant 2021 Trench Sample Results

Trench ID	Sample Number	Sample Type	Au (g/t)	Sample Length (m)
21ETR002	B687695	Chip	1.65	1.5
21ETR004	B687758	Chip	1.34	2.0
21ETR003	B687752	Grab	0.873	--
21ETR003	B687753	Chip	0.668	1.0
21ETR001	B687689	Chip	0.472	2.0
21ETR001	B687688	Chip	0.388	1.0

SOIL GEOCHEMISTRY

No soil sampling occurred in 2021; however, approximately half of the Eureka property has been soil sampled on an 8.5 by 3.7 km grid as well as along the main placer road that dissects the property from approximately north to south. Historical results for gold, arsenic, antimony, lead, copper, nickel and molybdenum from all soil programs are illustrated thematically on Figures 14 to 20, respectively. Throughout historical soil geochemical sampling programs different analytical techniques have been used. Anomalous thresholds and peak values for the metals of interest are listed in Table V.

602,000
604,000
606,000
608,000
7,054,000
7,052,000
7,050,000
7,048,000
7,046,000
7,044,000

True North
19°43' E
17°48' E
Grid North
Magnetic North
Annual change 24.2'W

HAPPY SHOWING
ALLAN SHOWING
WEALTH SHOWING
CHILDS SHOWING
BALL SHOWING

A
B
C
D
E
F
G
H
I
J

Gold in soil (ppb)

100 to 762	
50 to 100	
20 to 50	
10 to 20	
5 to 10	
0 to 5	

Showing

Soil anomaly

Thrust fault

Air photo linear

TRIFECTA GOLD LTD.

FIGURE 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM Zone 7, NAD83, NTS 115O/10 and 115O/07

0 2,000

meters

FILE: ..PROJECTS/2021/EUREKA

DATE: January 2022

602,000
604,000
606,000
608,000
7,054,000
7,052,000
7,050,000
7,048,000
7,046,000
7,044,000

True North
19°43' E
17°48' E
Grid North
Magnetic North
Annual change 24.2'W

HAPPY SHOWING
ALLAN SHOWING
WEALTH SHOWING
CHILDS SHOWING
BALL SHOWING

A
B
C
D
E
F
G
H
I
J

Arsenic in soil (ppm)
200 to 809
100 to 200
50 to 100
20 to 50
10 to 20
0 to 10
Showing
Soil anomaly
Thrust fault
Air photo linear

TRIFECTA GOLD LTD.

FIGURE 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ARSENIC SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM Zone 7, NAD83, NTS 115O/10 and 115O/07

0 2,000 meters

FILE: ..PROJECTS/2021/EUREKA

DATE: January 2022

602,000
604,000
606,000
608,000
7,054,000
7,052,000
7,050,000
7,048,000
7,046,000
7,044,000

True North
19°43' E
17°48' E
Grid North
Magnetic North
Annual change 24.2'W

HAPPY SHOWING
ALLAN SHOWING
WEALTH SHOWING
CHILDS SHOWING
BALL SHOWING

A
B
C
D
E
F
G
H

Antimony in soil (ppm)
20 to 1780
10 to 20
5 to 10
2 to 5
1 to 2

Showing
Soil anomaly
Thrust fault
Air photo linear

TRIFECTA GOLD LTD.

FIGURE 16

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ANTIMONY SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM Zone 7, NAD83, NTS 115O/10 and 115O/07

0 2,000
meters

FILE: ..PROJECTS/2021/EUREKA

DATE: January 2022

602,000
604,000
606,000
608,000
7,054,000
7,052,000
7,050,000
7,048,000
7,046,000
7,044,000

True North
19°43' E
17°48' E
Grid North
Magnetic North
Annual change 24.2'W

A
B
C
D
E
F
G
H
I
J
K
L
M
N

HAPPY SHOWING
ALLAN SHOWING
WEALTH SHOWING
CHILDS SHOWING
BALL SHOWING

Lead in soil (ppm)
200 to 394
100 to 200
50 to 100
20 to 50
10 to 20
0 to 10

Showing
Soil anomaly
Thrust fault
Air photo linear

TRIFECTA GOLD LTD.

FIGURE 17

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LEAD SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM Zone 7, NAD83, NTS 115O/10 and 115O/07

0 2,000
meters

FILE: ..PROJECTS/2021/EUREKA

DATE: January 2022

602,000
604,000
606,000
608,000
7,054,000
7,052,000
7,050,000
7,048,000
7,046,000
7,044,000

True North
19°43' E
17°48' E
Grid North
Magnetic North
Annual change 24.2'W

A
B
C
D
E
F
G
H
I
J
HAPPY SHOWING
ALLAN SHOWING
WEALTH SHOWING
CHILDS SHOWING
BALL SHOWING

Copper in soil (ppm)
- 500 to 736
- 200 to 500
- 100 to 200
- 50 to 100
- 20 to 50
- 0 to 20

Showing
Soil anomaly
Thrust fault
Air photo linear

TRIFECTA GOLD LTD.

FIGURE 18

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COPPER SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM Zone 7, NAD83, NTS 115O/10 and 115O/07

0 2,000 meters

FILE: ..PROJECTS/2021/EUREKA

DATE: January 2022

602,000
604,000
606,000
608,000
7,054,000
7,052,000
7,050,000
7,048,000
7,046,000
7,044,000

True North
19°43' E
17°48' E
Grid North
Magnetic North
Annual change 24.2'W

A
B
C
D
E
F
G
H
J
Z

HAPPY SHOWING
ALLAN SHOWING
WEALTH SHOWING
CHILDS SHOWING
BALL SHOWING

Nickel in soil (ppm)
- 500 to 681
- 200 to 500
- 100 to 200
- 50 to 100
- 20 to 50
- 0 to 20

Showing
Soil anomaly
Thrust fault
Air photo linear

TRIFECTA GOLD LTD.

FIGURE 19

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

NICKEL SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM Zone 7, NAD83, NTS 115O/10 and 115O/07

0 2,000 meters

FILE: ..PROJECTS/2021/EUREKA

DATE: January 2022

602,000
604,000
606,000
608,000
7,054,000
7,052,000
7,050,000
7,048,000
7,046,000
7,044,000

True North
19°43' E
17°48' E
Grid North
Magnetic North
Annual change 24.2'W

HAPPY SHOWING
ALLAN SHOWING
WEALTH SHOWING
CHILDS SHOWING
BALL SHOWING

A
B
C
D
E
F
G
H
I

Molybdenum-in-soil (ppm)

- 5 to 9
- 3 to 5
- 2 to 3
- 1 to 2
- 0 to 1

Showing
Soil anomaly
Thrust fault
Air photo linear

TRIFECTA GOLD LTD.

FIGURE 20

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

MOLYBDENUM SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM Zone 7, NAD83, NTS 115O/10 and 115O/07

0 2,000
meters

FILE: ..PROJECTS/2021/EUREKA | DATE: January 2022

Table V – Threshold and Peak Values for Soil Samples

Element	Anomalous Thresholds				
	Weak	**Moderate**	**Strong**	**Very Strong**	**Peak**
Gold (ppb)	≥ 10 < 20	≥ 20 < 50	≥ 50 < 100	≥ 100	762
Arsenic (ppm)	≥ 20 < 50	≥ 50 < 100	≥ 100 < 200	≥ 200	809
Antimony (ppm)	≥ 5 < 10	≥ 10 < 20	≥ 20 < 50	≥ 50	1780
Lead (ppm)	≥ 20 < 50	≥ 50 < 100	≥ 100 < 200	≥ 200	394
Copper (ppm)	≥ 50 < 100	≥ 100 < 200	≥ 200 < 500	≥ 500	736
Nickel (ppm)	≥ 50 < 100	≥ 100 < 200	≥ 200 < 500	≥ 500	681
Molybdenum	≥ 1 < 2	≥ 2 < 5	≥ 5 < 9	-	9

Due to the abundance of regionally anomalous (greater than 20 ppb) gold-in-soil values on the Eureka property, the thresholds used to describe the geochemistry have been expanded in this report to allow for meaningful discussion. Moderately to strongly anomalous gold-in-soil values span across a 7800 by 4000 m area within the soil grid. The soil grid on the property hosts 10 typically north to northwest trending soil geochemical anomalies (Anomalies A to J) along with scattered high values that occur outside of the main anomalies.

Anomaly A is a 2200 by 350 m trend of moderately to strongly anomalous gold-in-soil values (up to 371 ppb) that transect a drainage in the southwestern part of the soil grid.

Anomaly B is the largest (4000 by 550 m) gold-in-soil anomaly defined to date on the property. It straddles a ridge system in the centre of the property that has strong gold-in-soil response scattered across its entire length. Two concentrated clusters, found in the northern (Wealth Showing) and southern (Childs Showing) parts of the anomaly have yielded up to 282 ppb and 302 ppb gold, respectively. Most of the historical trenching and drilling has been done within Anomaly B.

Anomaly C is a gold-arsenic-antimony anomaly that covers a 1700 by 600 m area. It crosses a northeast trending spine immediately east of Anomaly B, on the same centrally located ridge system. Samples taken from the ridge top yielded very strong antimony (up to 1780 ppm) and arsenic (up to 429 ppm) values, with strong gold (up to 178 ppb) values found immediately downhill. Elevated molybdenum found along the edges of Anomaly C is most likely in-situ, reflecting a nearby source.

Anomaly D lies in the south-central part of the property, directly south of Anomaly C. This 1600 by 900 m gold-in-soil anomaly covers an east-facing slope between the Childs Showing, found on a ridgetop to the west, and the Ball Showing in the valley bottom. The anomaly is made up of scattered moderately to strongly anomalous gold-in-soil values (up to 372 ppb).

Anomaly E is an arcuate gold- and arsenic-rich anomaly that encompasses the Happy Showing and surrounding drainages to the north and east. This anomaly hosts the most continuous and coherent string of strongly anomalous gold (up to 149 ppb) and arsenic (up to 809 ppm) values on the property.

Anomaly F covers a 1700 by 450 m area in the centre of the property. The anomaly comprises strong gold (up to 119 ppb) across its entire length and a tightly packed grouping of arsenic (up to 110 ppm) and lead (up to 122 ppm) values along its northern-most edge. The northwestern part of this anomaly, which has the most concentrated gold response and lead-arsenic support, covers the Allen Showing.

Anomaly G lies along a broad ridge in the eastern part of the property, approximately 750 m southeast of Anomaly F. It covers an 1100 by 600 m area that is defined by strongly anomalous gold (up to 762 ppb) and lead (up to 394 ppm) values. This anomaly partially overlaps the northwesterly trending air photo linear crossing the property.

Anomaly H is a 1400 by 600 m area found 750 m southeast of Anomaly G. It comprises coincident, strongly anomalous copper (up to 493 ppm), nickel (up to 681 ppm), arsenic (up to 307 ppm) and antimony (up to 16 ppm) values. This geochemical signature may represent the surface expression of an unmapped ultramafic body in the footwall of the thrust fault.

Anomaly I is located 1000 m southeast of Anomaly H. This anomaly covers a 1000 by 700 m area and is characterized by a central band of strong copper (up to 736 ppm) and lead (up to 163 ppm) values with an adjacent cluster of elevated antimony (up to 6 ppm) and arsenic (up to 141 ppm) and molybdenum (up to 8 ppm) results. Two isolated gold values (545 and 154 ppb) are found on the outside edges of the anomaly.

Anomaly J is a 2700 by 400 m elongated area due north of Anomaly F. It contains a cluster of gold values (up to 137 ppb) north of an arsenic-enriched trend (up to 202 ppm) that includes a single gold value of 166 ppb. This anomaly closely follows the trend of the airphoto linear.

DISCUSSION

Geology at the Eureka property is characterized by Proterozoic to Devonian, polydeformed and metamorphosed quartz-biotite schist, quartzite and minor marble of the Snowcap assemblage. These rocks have been intruded by Mississippian and Permian intrusive rocks that are now strongly foliated to gneissic. Several phases of deformation have resulted in complex folding and faulting and general westerly dipping lithologies.

The style of mineralization at the Eureka property is similar to gold deposits and occurrences found within the Dawson Range Gold Belt and White Gold district. Mineralization at Eureka is characterized by orogenic type gold similar to White Gold Corp's Golden Saddle and Arc deposits that contain 1,140,000 oz indicated at 2.28 g/t gold and 402,100 oz inferred at 1.39 g/t gold (whitegoldcorp.ca) and Newmont's Coffee deposit. These are structurally controlled vein and breccia deposits hosted within metamorphosed siliciclastic rocks and orthogneiss. Allan et al., (2013) document two ages of orogenic gold mineralization within the Dawson Range gold belt, Jurassic (ca 163 to 155 Ma) and mid-Cretaceous (ca. 96-92 Ma).

The Eureka property covers the headwaters of Eureka and Black Hills creeks, two prolific placer-bearing creeks which have produced more than 207,000 ounces of gold combined since 1978 (YGS, 2017). Recent placer production from the Eureka area includes approximately

31,000 oz of gold from pits either directly on the property or sourced by creeks draining from the property (Figure 21).

To date, 10 soil geochemical anomalies have been defined on the property. These anomalies are: 1) gold-enriched with no direct correlation to typical pathfinder elements; 2) gold-enriched with arsenic±antimony association; or 3) multi-element signatures with only localized gold support. The extensive gold-in-soil geochemical anomalies which occur in a northerly elongated belt that is 8 km long and up to 2.5 km wide remains largely untested as the 2021 work followed up only a handful of the anomalous gold-in-soil sites.

Geological mapping, mechanized trenching, hand pitting and rock geochemical sampling in 2021 expanded on previous prospecting and soil sampling surveys. Geological mapping and interpretation of publicly available LiDAR have identified several strong north- and northwest-trending linear features. These linears host four of the five known showings and numerous highlight samples from the 2021 program.

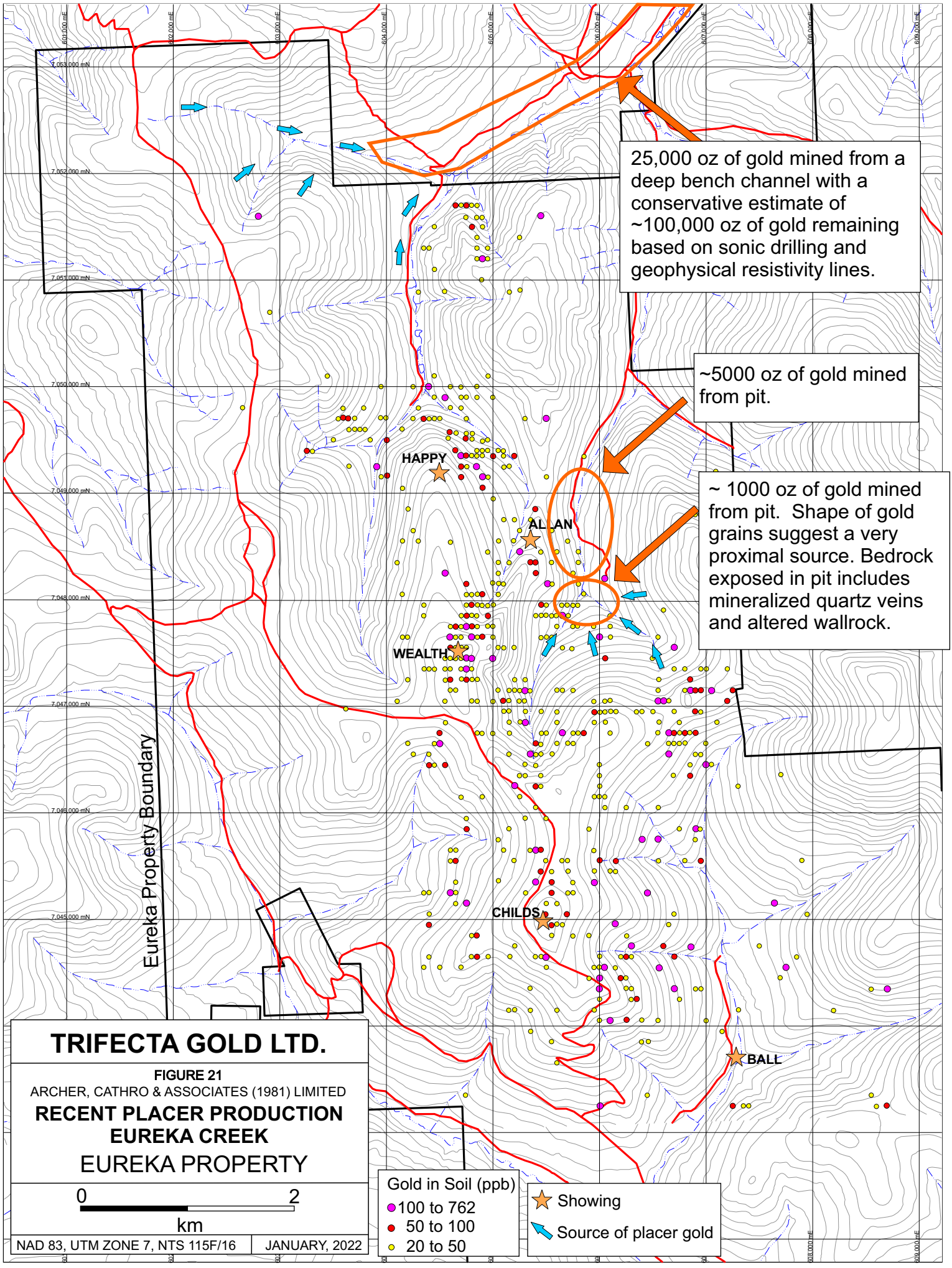
Rock geochemistry indicates that there is an approximate 2.6 by 5.1 km area that returned gold values above 0.3 g/t gold. This area encompasses all showings, Anomalies A-D and F-I and coincides with several north-northwest-trending faults and linears identified from LiDAR. In general, there is no strong association of other elements with gold at Eureka. Only about 20% of samples with significant gold values yielded anomalous arsenic values and another 20% of samples with significant gold values correlated with elevated silver-arsenic-molybdenum-lead values. Breccia zones show elevated arsenic values but generally low gold values.

Previous drilling and trenching at Eureka have identified wide zones of mineralization consisting of auriferous pyrite/limonitic quartz breccias, gouge zones and quartz veins developed along low angle shears and fault structures as well as high angle fault zones. Gold has a close association with pyrite whereas other sulphide minerals make up minor components in mineralized zones. Shallow mineralization displays intense oxidation due to surficial weathering and has likely undergone a strong degree of metal leaching. The relatively shallow dips of the mineralized shear and breccia zones, coupled with their favourable orientation relative to topography, suggests a target amenable to open pit mining. Preliminary cyanide leach tests have demonstrated good gold recoveries from strongly weathered rock collected on the property.

Due to the non-glaciated environment characteristic of the White Gold district, oxidation levels extend to 100 m or more below the surface at Eureka. In these oxidized areas, gold that is closely associated with pyrite mobilizes out of the mineralized zones reducing overall grade. This phenomenon is known to occur elsewhere in the district where lower and moderate gold grades in trenches and surface sampling were found to increase at depth once out of the oxidized zone.

CONCLUSION AND RECOMMENDATIONS

The similarities between the mineralization at Eureka and other orogenic gold deposits and occurrences in the White Gold district and the Dawson Range reinforce the excellent potential of the Property. Additional work on the Eureka property is warranted, and should include, but not be limited to:



TRIFECTA GOLD LTD.

FIGURE 21

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

RECENT PLACER PRODUCTION EUREKA CREEK

EUREKA PROPERTY

0 2

km

NAD 83, UTM ZONE 7, NTS 115F/16 | JANUARY, 2022

Gold in Soil (ppb)
- 100 to 762
- 50 to 100
- 20 to 50

Showing

Source of placer gold

1. detailed LiDAR survey to delineate the linear features that intersect areas with anomalous soil and rock geochemistry

2. additional hand-pitting and excavator trenching to test areas with strongly anomalous soil geochemistry in order to identify new showings

3. RC and/or diamond drilling of targets identified through trenching and mapping

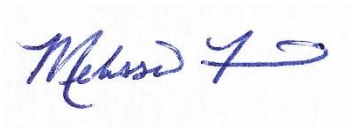
4. mapping and prospecting of fresh placer cuts on the property

5. U-Th-Pb dating to constrain mineralization age.

Drilling should prioritize establishing the general limits of mineralization and targeting below the oxidation depth to yield better gold grades, as well as identifying higher grade cores within the broad lower grade shells. Depth of oxidation should be established along with the characteristics of unoxidized mineralization. Particular attention should be given to structure and timing of mineralization relative to various deformation events.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED



M. Friend, B.Sc.

REFERENCES

Allan, M. M., Mortensen, J.K., Hart, C.J.R., Bailey, Leif, A., Sanchez, M.G., Ciolkiewicz, W., McKenzie, G.G., and Creaser, R.A.
2013 Magmatic and Metallogenic Framework of West-Central Yukon and Eastern Alaska; Society of Economic Geologists, Inc., Special Publication 17, pp. 111 to 168.

Bourne, T. and Marino, F.
2010 Assessment report describing RC Drilling at the Eureka property; report prepared for Golden Predator Canada Corp.

Burrell, H.B.,
2016 Assessment report describing prospecting, geochemical sampling at the Eureka property. Report prepared for Strategic Metals Ltd. by Archer, Cathro & Associates (1981) Limited. Yukon assessment report.

Colpron, M. and Nelson, J. L.
2011 A digital atlas of terranes for the Northern Cordillera; Yukon Geological Survey and BC Geology Survey, BCGS GeoFile 2011-11 http://www.geology.gov.yk.ca/pdf/CanCord_terranes_2011.pdf

Deklerk, R. and Traynor, S. (compilers)
2005 Minfile Database. Yukon MINFILE - A database of mineral occurrences, Yukon Geological Survey, CD-ROM.

Diment, R.
2002 Rock Sampling and RC Drilling Programs on the Eureka Property; Assessment report for Eureka Joint Venture, p.17.

Gordey, S.P. and Ryan, J.J.
2005 Geology, Stewart River area (115N, 1150 and part of 115J), Yukon Territory; Geological Survey of Canada, Open File 4970.

Gregory, D.
2009 VTEM and Magnetometer Surveys on the Eureka Property; Assessment report for Anfield Ventures and Strategic Metals Ltd.

Morton, J.,
2016 Assessment report describing prospecting and soil sampling at the Eureka property; report prepared for Strategic Metals Ltd. by Archer, Cathro & Associates (1981) Limited.

Mortensen, J.K.
1996 Geological compilation maps of the northern Stewart River area, Klondike and Sixtymile Districts (115N/15, 16, 115O/13, 14 and parts of 115O/15, 16); Indian and Northern Affairs Canada, Northern Affairs, Yukon Region, Open File 1996-1(G).

O'Brien, E.
2012 Assessment report, 2011 diamond drilling program, Eureka property, Dawson Mining District, Yukon, Canada; report prepared for Golden Predator Canada Corp.

Pautler, J.
2016 Technical report on the Eureka Project in the White Gold district, Yukon Territory; report prepared for Trifecta Gold Ltd.

Sanchez, M.G., Allan, M, M., Hart, C.J.R., and Mortensen, J.K.
2012 Orogen-perpendicular magnetic segmentation of the western Yukon and eastern Alaska cordilleran hinterland: Implications for structural control of mineralization. In: Yukon Exploration and Geology, 2012, K.E. MacFarlane, M.G. Nordling, and P.J. Sack (eds.), Yukon Geological Survey, p. 133-146.

Smith, H.
2009 Assessment report describing prospecting, soil sampling and excavator trenching at the Eureka property; report prepared for Strategic Metals Ltd. by Archer, Cathro & Associates (1981) Limited.

van Angeren, P.
1988 Geological and Geochemical Report on the Reka 1-146 Quartz Claims, Dawson Mining District, Yukon Territory; Assessment report 092720, p. 14.

Wengzynowski, W.A.
2000 Geological Mapping and Geochemical Surveys on the Eureka Project; Assessment report for Eureka Joint Venture, p.15.

2006 Excavator Trenching and Percussion Drilling at the Eureka Property, Dawson Mining District, Yukon Territory; Assessment report for Eureka Joint Venture.

Willms, K.
2018 Assessment Report describing Prosecting and Soil Geochemical Sampling at the Eureka Property, Dawson City Mining District, Yukon Territory; Assessment Report

Yukon Geological Survey
2016 Yukon Digital Bedrock Geology. Available at: Bedrock geology (arcgis.com)

2017 Surficial Geology Department, 2017

APPENDIX I

STATEMENT QUALIFICATIONS

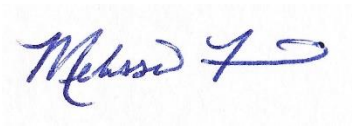
STATEMENT OF QUALIFICATIONS

I, Melissa Friend, geologist, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Whitehorse, Yukon, do hereby certify that:

1. I graduated from the University of British Columbia in 2015 with a B.Sc in Geology.

2. From 2020 to present, I have been actively engaged in mineral exploration in the Yukon Territory.

3. I participated in the field program and have interpreted all data resulting from this work.



M. Friend, B.Sc,

APPENDIX II

STATEMENT OF EXPENDITURES

Statement of Expenditures not compiled at time of YMEP Filing.

APPENDIX III

ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions Property: Eureka

Sample Number:	B687686	Date Collected:	15/07/2021	UTM:	604603	mE	Nad83, Zone 7
Elevation:	1074 m	Sampler:	Steve Israel	UTM:	7047249	mN	

Comments: 1 m chip sample taken from 21ETR001 (11-12 m); rusty weathered quartzite with sericite along foliations and thin (0.5mm) quartz veins throughout; locally quartz veins are closely spaced

Sample Number:	B687694	Date Collected:	15/07/2021	UTM:	605399	mE	Nad83, Zone 7
Elevation:	1098 m	Sampler:	Steve Israel	UTM:	7045348	mN	

Comments: 1 m chip sample from 21ETR002 (15-16 m); through footwall zone of vein zone (B687695); mostly biotite schist with minor rusty patches and oxidized foliation planes

Sample Number:	B687702	Date Collected:	15/07/2021	UTM:	601965	mE	Nad83, Zone 7
Elevation:	957 m	Sampler:	Steve Israel	UTM:	7047736	mN	

Comments: Grab sample of subcrop; light grey, banded, siliceous marble with minor disseminated oxidized py ~2-5%

Sample Number:	B687710	Date Collected:	15/07/2021	UTM:	606138	mE	Nad83, Zone 7
Elevation:	1106 m	Sampler:	Steve Israel	UTM:	7046797	mN	

Comments: Grab sample from outcrop; 2-10 cm wide strongly limonitic qtz vein with zones of limonitic, vuggy qtz breccia; trending 285 in qtzite which contains N-S trending breccia zone

Sample Number:	B687718	Date Collected:	15/07/2021	UTM:	605725	mE	Nad83, Zone 7
Elevation:	763 m	Sampler:	Steve Israel	UTM:	7047880	mN	

Comments: 70 cm chip sample taken at station E21KC075 of milky white qtz +/- py veinlets and qtzite wall rock with up to 2% disseminated py

Sample Number:	B687754	Date Collected:	15/07/2021	UTM:	606003	mE	Nad83, Zone 7
Elevation:	1050 m	Sampler:	Steve Israel	UTM:	7044347	mN	

Comments: 50 cm chip sample from 21ETR003 (13 m); rusty and grey and blueish gouge developed in bt-ms schist

Rock Sample Descriptions Property: Eureka

Sample Number:	B687954	Date Collected:	15/07/2021	UTM:	605005	mE	Nad83, Zone 7
Elevation:	809 m	Sampler:	Steve Israel	UTM:	7043728	mN	

Comments: Grab sample from subcrop (E21MF020) of orange weathered, light to medium grey quartz vein, limonite coating fractures

Sample Number:	B687962	Date Collected:	15/07/2021	UTM:	607304	mE	Nad83, Zone 7
Elevation:	705 m	Sampler:	Steve Israel	UTM:	7044033	mN	

Comments: Grab sample of orange weathered, grey strongly silicified orthogneiss crosscut by quartz-pyrite veinlets up to 8mm wide; pyrite concentrated along veinlet margins and locally disseminated throughout groundmass (2% pyrite)

Sample Number:	B687970	Date Collected:	15/07/2021	UTM:	605043	mE	Nad83, Zone 7
Elevation:	1002 m	Sampler:	Steve Israel	UTM:	7047870	mN	

Comments: Composite float sample of rusty brown oxidized quartzite breccia with minor quartz vein infill, minor limonite coating surfaces and along fractures

Sample Number:	B687978	Date Collected:	15/07/2021	UTM:	602760	mE	Nad83, Zone 7
Elevation:	911 m	Sampler:	Steve Israel	UTM:	7051478	mN	

Comments: Composite sample from several pieces of float of oxidized quartzite and quartz vein breccia with limonite coating fracture surfaces, vugs and pits and infilling vugs in quartz vein fragments; local dark grey seams within quartz, minor sericite alteration

Sample Number:	B687598	Date Collected:	15/07/2021	UTM:	604618	mE	Nad83, Zone 7
Elevation:	1070 m	Sampler:	Steve Israel	UTM:	7047596	mN	

Comments: Float of slightly translucent light grey qtz with strong limonitic surfaces

Sample Number:	K294608	Date Collected:	15/07/2021	UTM:	607311	mE	Nad83, Zone 7
Elevation:	701 m	Sampler:	Jessie Gladish	UTM:	7043719	mN	

Comments: brecciated cemented large qtz chunks in a dark/oxidized matrix. Some tiny oily blue sheen. Sericite xls? Float in placer rubble at drainage convergence and the Ball showing

Rock Sample Descriptions Property: Eureka

Sample Number:	K294616	Date Collected:	15/07/2021	UTM:	604752	mE	Nad83, Zone 7
Elevation:	980 m	Sampler:	Jessie Gladish	UTM:	7045153	mN	

Comments: schist w quartz veining. Float. Muddy and thick moss. Handpit downslope from main trenching zone, 500m from road.

Sample Number:	K294624	Date Collected:	15/07/2021	UTM:	606415	mE	Nad83, Zone 7
Elevation:	721 m	Sampler:	Jessie Gladish	UTM:	7042817	mN	

Comments: road o/c. schist/shale/qtz vein. Good o/c exposure. (return with steve). Qtz vein 170/60? Shale bedding 203/30?

Sample Number:	B687689	Date Collected:	15/07/2021	UTM:	604594	mE	Nad83, Zone 7
Elevation:	1075 m	Sampler:	Steve Israel	UTM:	7047251	mN	

Comments: 2 m chip sample taken from 21ETR001 (17-19 m); altered quartzite, locally brecciated and minor quartz veining and quartz infilling bx; rusty weathered with locally closely spaced fine, grey quartz veins; limonite and goethite throughout zone

Sample Number:	B687697	Date Collected:	15/07/2021	UTM:	608328	mE	Nad83, Zone 7
Elevation:	840 m	Sampler:	Steve Israel	UTM:	7044134	mN	

Comments: Composite sample from several large (meter scales) milky white quartz vein boulders; minor limonite coated fractures and very minor (<0.5 %) cubic pyrite

Sample Number:	B687705	Date Collected:	15/07/2021	UTM:	606262	mE	Nad83, Zone 7
Elevation:	641 m	Sampler:	Steve Israel	UTM:	7042175	mN	

Comments: Grab sample from outcrop; dark purple-grey, foliation-parallel qtz veinlets in bi-rich schist

Sample Number:	B687713	Date Collected:	15/07/2021	UTM:	606550	mE	Nad83, Zone 7
Elevation:	1014 m	Sampler:	Steve Israel	UTM:	7047046	mN	

Comments: Composite sample from handpit at Au soil anomaly (E21KC070); oxidized qtz, breccia, and qtz-rich wall rock

Sample Number:	B687721	Date Collected:	15/07/2021	UTM:	604020	mE	Nad83, Zone 7
Elevation:	918 m	Sampler:	Steve Israel	UTM:	7047763	mN	

Comments: Grab sample from subcrop of mineralized wall rock: very dark grey, heavy, very fine-grained qtzite (chert-like texture) with disseminated cubic py ~2% and more intense mineralization around mm-scale qtz veinlets; strong limonitic surfaces

Rock Sample Descriptions Property: Eureka

Sample Number:	B687757	Date Collected:	15/07/2021	UTM:	607210	mE	Nad83, Zone 7
Elevation:	738 m	Sampler:	Steve Israel	UTM:	7044537	mN	

Comments: 2 m chip sample through outcrop of strongly altered orthogneiss hosting 0.5 to 15 cm wide quartz veins; orthogneiss is clay altered; veins locally have up to 5% pyrite

Sample Number:	B687957	Date Collected:	15/07/2021	UTM:	605615	mE	Nad83, Zone 7
Elevation:	1103 m	Sampler:	Steve Israel	UTM:	7044591	mN	

Comments: Grab sample from ~5m wide roadcut exposure (E21MF044); orange to bluish-grey and white altered quartzite breccia, local quartz veining and quartz infilling breccia, moderate to strong limonite along fractures/veinlets, coating vugs/pits, and as breccia in

Sample Number:	B687965	Date Collected:	15/07/2021	UTM:	606553	mE	Nad83, Zone 7
Elevation:	877 m	Sampler:	Steve Israel	UTM:	7045752	mN	

Comments: Composite sample from hand pit at Au soil anomaly (E21MF069); oxidized quartz vein fragments and quartzite breccia, limonite along fractures and coating vugs/pits

Sample Number:	B687973	Date Collected:	15/07/2021	UTM:	605252	mE	Nad83, Zone 7
Elevation:	877 m	Sampler:	Steve Israel	UTM:	7048450	mN	

Comments: Composite sample from hand pit at Au soil anomaly (E21MF083); brownish purple to rusty quartzite and quartz vein breccia, strongly oxidized, limonite breccia infill, along fractures, and coating vugs, trace purplish grey, fine-grained disseminated tarnish

Sample Number:	K294603	Date Collected:	15/07/2021	UTM:	605497	mE	Nad83, Zone 7
Elevation:	1104 m	Sampler:	Jessie Gladish	UTM:	7044640	mN	

Comments: handpit float (no outcrop found) in proposed trench 8 at high SS anomoly. Pitted/qtz layered with schist? Oxidized red/weathered out cavities.

Sample Number:	K294611	Date Collected:	15/07/2021	UTM:	605550	mE	Nad83, Zone 7
Elevation:	1134 m	Sampler:	Jessie Gladish	UTM:	7045253	mN	

Comments: proposed trench 4 (2021). Handpit at SS CC58446. cooked quartz, some remnant sulphides, possibly hemmatite?. Pseudomorph cubic oxidized pits. Black pitted/hard weathered dark spots. No rep..composite sample.

Rock Sample Descriptions Property: Eureka

Sample Number:	K294619	Date Collected:	15/07/2021	UTM:	604749	mE	Nad83, Zone 7
Elevation:	1086 m	Sampler:	Jessie Gladish	UTM:	7047448	mN	

Comments: hand pit on proposed trench 12. oxidized/grey matrix with some quartz. Some float looks brecciated/cemented.

Sample Number:	K294627	Date Collected:	15/07/2021	UTM:	606858	mE	Nad83, Zone 7
Elevation:	1041 m	Sampler:	Jessie Gladish	UTM:	7047136	mN	

Comments: float near high soil sample. Bull Qtz with greyish vfg qtz (?) and a fault/slickenslide surface. Brecciated (ish).

Sample Number:	B687685	Date Collected:	15/07/2021	UTM:	604604	mE	Nad83, Zone 7
Elevation:	1077 m	Sampler:	Steve Israel	UTM:	7047249	mN	

Comments: 1 m chip sample taken from 21ETR001 (10-11 m); footwall of altered zone (B687686); rock is mainly grey quartzite with minor, thin (<1 mm) quartz veins

Sample Number:	B687693	Date Collected:	15/07/2021	UTM:	602573	mE	Nad83, Zone 7
Elevation:	1004 m	Sampler:	Steve Israel	UTM:	7049190	mN	

Comments: Outcrop grab sample of 40 cm wide milky white quartz vein in rusty weathered orthogneiss; fractures in vein coated with limonite, minior sericite and clay alteration

Sample Number:	B687701	Date Collected:	15/07/2021	UTM:	604647	mE	Nad83, Zone 7
Elevation:	866 m	Sampler:	Steve Israel	UTM:	7049295	mN	

Comments: Float of milky white qtz and qtzite breccia with limonite coating surfaces and vugs in altered, grey, qtzite wall rock

Sample Number:	B687709	Date Collected:	15/07/2021	UTM:	605970	mE	Nad83, Zone 7
Elevation:	1097 m	Sampler:	Steve Israel	UTM:	7046620	mN	

Comments: Chip sample of 20 cm wide milky white qtz vein with limonitic fracture surfaces and zones of salmon pink (hem?) colour; in unaltered qtzite

Rock Sample Descriptions Property: Eureka

Sample Number:	B687717	Date Collected:	15/07/2021	UTM:	605725	mE	Nad83, Zone 7
Elevation:	762 m	Sampler:	Steve Israel	UTM:	7047876	mN	

Comments: 1.5 m chip sample taken at station E21KC075 of milky white to dark grey qtz +/- py veinlets up to 2 cm wide in qtzite wall rock with up to 2% disseminated py

Sample Number:	B687753	Date Collected:	15/07/2021	UTM:	605997	mE	Nad83, Zone 7
Elevation:	1049 m	Sampler:	Steve Israel	UTM:	7044347	mN	

Comments: 1 m chip sample from 21ETR003 (7-8 m); quartz vein with minor breccia zones throughout; looks north-south (hard to get an orietation) white quartz vein, where brecciated filled with darker quartz; very minor oxidized pyrite

Sample Number:	B687953	Date Collected:	15/07/2021	UTM:	605367	mE	Nad83, Zone 7
Elevation:	795 m	Sampler:	Steve Israel	UTM:	7049015	mN	

Comments: Float grab sample of brown to reddish orange, oxidized quartz vein boulder, minor limonite along fractures and infilling vugs

Sample Number:	B687961	Date Collected:	15/07/2021	UTM:	607206	mE	Nad83, Zone 7
Elevation:	736 m	Sampler:	Steve Israel	UTM:	7044545	mN	

Comments: Grab sample of bleached white altered orthogneiss with quartz as the only remaining primary mineral, disseminated and patchy pyrite in groundmass and locally coarse euhedral pyrite (~3%), limonite infilling pits; quartz±pyrite veinlets crosscut foliation

Sample Number:	B687969	Date Collected:	15/07/2021	UTM:	605043	mE	Nad83, Zone 7
Elevation:	1002 m	Sampler:	Steve Israel	UTM:	7047870	mN	

Comments: Composite sample from three 8x10x5cm float boulders of milky white quartz vein, minor limonite coating surfaces and along fractures

Sample Number:	B687977	Date Collected:	15/07/2021	UTM:	603284	mE	Nad83, Zone 7
Elevation:	906 m	Sampler:	Steve Israel	UTM:	7051496	mN	

Comments: 25x20x15 cm boulder of quartz vein with abundant pits and vugs, oxidized and infilled with limonite, trace very fine-grained patches of tarnished pyrite (<1%) associated with limonite patches

Rock Sample Descriptions Property: Eureka

Sample Number:	K294607	Date Collected:	15/07/2021	UTM:	607301	mE	Nad83, Zone 7
Elevation:	701 m	Sampler:	Jessie Gladish	UTM:	7043722	mN	

Comments: qtz qith chunks of pyrite/arsenopyrite? Black/drk mineral/weathered pieces. Qtz rich with oxidized veins/pits. Float in placer rubble at drainage convergence and the Ball showing

Sample Number:	K294615	Date Collected:	15/07/2021	UTM:	605399	mE	Nad83, Zone 7
Elevation:	1087 m	Sampler:	Jessie Gladish	UTM:	7045649	mN	

Comments: hand pit approx 1m deep. No outcrop hit. At SS CC58597..bits of rubble/qtz/oxidized cobbles. At proposed trench 1. float.

Sample Number:	K294623	Date Collected:	15/07/2021	UTM:	606272	mE	Nad83, Zone 7
Elevation:	696 m	Sampler:	Jessie Gladish	UTM:	7042582	mN	

Comments: o/c road cut. Qtz biotite sericite schist? 157/10?

Sample Number:	K294631	Date Collected:	15/07/2021	UTM:	606035	mE	Nad83, Zone 7
Elevation:	1114 m	Sampler:	Jessie Gladish	UTM:	7046753	mN	

Comments: breccia on ridgetop above/in line with 4 high soil sample geochem (same northing). Top of ridge so possibly sub or outcrop? Hasn't moved very far. Sample from top of large immobile boulder or outcrop. No other pieces sticking up and the boulder was not du

Sample Number:	B687684	Date Collected:	15/07/2021	UTM:	604604	mE	Nad83, Zone 7
Elevation:	1053 m	Sampler:	Steve Israel	UTM:	7047652	mN	

Comments: Composite sample from handpit 17, oxidized psammitic schist cobbles with minor qtz veining within; minor brecciation of schist infilled with quartz; limonite coated fractures and foliation surfaces

Sample Number:	B687692	Date Collected:	15/07/2021	UTM:	606002	mE	Nad83, Zone 7
Elevation:	1028 m	Sampler:	Steve Israel	UTM:	7044513	mN	

Comments: 40x20x15 cm boulder of quartz vein, qtz breccia with fragments of sericite/ms schist; clay alteration and brecciated

Rock Sample Descriptions Property: Eureka

Sample Number:	B687700	Date Collected:	15/07/2021	UTM:	605993	mE	Nad83, Zone 7
Elevation:	1050 m	Sampler:	Steve Israel	UTM:	7044344	mN	

Comments: 20x15x10 cm boulder of white quartz vein from overburden at the beginning of 21ETR003; minor limonite on fractures, sericite throughout

Sample Number:	B687708	Date Collected:	15/07/2021	UTM:	607314	mE	Nad83, Zone 7
Elevation:	716 m	Sampler:	Steve Israel	UTM:	7043986	mN	

Comments: Grab sample of fsp augen orthogneiss with minor veinlets/fracture coatings of coarse-grained, disseminated py with hem +/- clay + limonite alteration

Sample Number:	B687716	Date Collected:	15/07/2021	UTM:	605724	mE	Nad83, Zone 7
Elevation:	760 m	Sampler:	Steve Israel	UTM:	7047876	mN	

Comments: 2 m chip sample taken at station E21KC075 of milky white to dark purple-grey qtz +/- py veins and qtzite wall rock with up to 2% disseminated py

Sample Number:	B687752	Date Collected:	15/07/2021	UTM:	605996	mE	Nad83, Zone 7
Elevation:	1044 m	Sampler:	Steve Israel	UTM:	7044348	mN	

Comments: Grab sample from 21ETR003 (6.10 m); 6-10 cm wide quartz vein, white to dark grey minor vugs and sericite

Sample Number:	B687952	Date Collected:	15/07/2021	UTM:	605385	mE	Nad83, Zone 7
Elevation:	864 m	Sampler:	Steve Israel	UTM:	7048595	mN	

Comments: Float sample of light to medium grey quartzite breccia; limonte seams (alteration halos?) and patches throughout and locally infiilling vugs

Sample Number:	B687960	Date Collected:	15/07/2021	UTM:	607751	mE	Nad83, Zone 7
Elevation:	820 m	Sampler:	Steve Israel	UTM:	7044549	mN	

Comments: Composite sample from hand pit at Au soil anomaly (E21MF061); oxidized quartz vein fragments, limonite coating fractures and in vugs

Rock Sample Descriptions Property: Eureka

Sample Number:	B687968	Date Collected:	15/07/2021	UTM:	604960	mE	Nad83, Zone 7
Elevation:	1061 m	Sampler:	Steve Israel	UTM:	7047570	mN	

Comments: Float sample of oxidized quartzite breccia with minor quartz veining quartz vein infill, strong limonitic breccia infill

Sample Number:	B687976	Date Collected:	15/07/2021	UTM:	603392	mE	Nad83, Zone 7
Elevation:	879 m	Sampler:	Steve Israel	UTM:	7051482	mN	

Comments: 15x15x10 cm boulder of altered quartzite with milky white quartz veins parallel to foliation, locally brecciated and silicified, limonite coating vugs and pits and along fracture surfaces; minor medium to dark grey fine-grained quartz

Sample Number:	K294606	Date Collected:	15/07/2021	UTM:	607300	mE	Nad83, Zone 7
Elevation:	700 m	Sampler:	Jessie Gladish	UTM:	7043723	mN	

Comments: quartz veining in yellowy/beige weathered soft mineral. Sericite? Float in placer rubble at drainage convergence and the Ball showing

Sample Number:	K294614	Date Collected:	15/07/2021	UTM:	605446	mE	Nad83, Zone 7
Elevation:	1107 m	Sampler:	Jessie Gladish	UTM:	7045449	mN	

Comments: composite handpit from proposed trench 2. Horizontal soft/friable schist layers. Qtz brecciated/cooked veinlets (?).

Sample Number:	K294622	Date Collected:	15/07/2021	UTM:	606210	mE	Nad83, Zone 7
Elevation:	680 m	Sampler:	Jessie Gladish	UTM:	7042411	mN	

Comments: excavator cut (180 trend) off main road. Qtz schist?

Sample Number:	K294630	Date Collected:	15/07/2021	UTM:	605585	mE	Nad83, Zone 7
Elevation:	1096 m	Sampler:	Jessie Gladish	UTM:	7046374	mN	

Comments: qtz-bt-felds, schist. Folding zone, minor folds in exposed subcrop, orientation cannot be determined (slumped?) minor pyrite in the qtz veins/augens. Near high soil samples.

Rock Sample Descriptions Property: Eureka

Sample Number:	B687688	Date Collected:	15/07/2021	UTM:	604595	mE	Nad83, Zone 7
Elevation:	1077 m	Sampler:	Steve Israel	UTM:	7047253	mN	

Comments: 1 m chip sample taken from 21ETR001 (16-17 m); footwall of mor altered quartzite and bx zone (B687689); rock is mainly slightly rusty weathered quartzite with interlayered ms, bt, psammitic schist

Sample Number:	B687696	Date Collected:	15/07/2021	UTM:	605397	mE	Nad83, Zone 7
Elevation:	1099 m	Sampler:	Steve Israel	UTM:	7045352	mN	

Comments: 2.5 m chip sample from 21ETR002 (17.5-20 m); moderately to strongly silicified biotite-muscovite schist with small (1-2 mm) veinlets of grey quartz and minor oxidized pyrite

Sample Number:	B687704	Date Collected:	15/07/2021	UTM:	607256	mE	Nad83, Zone 7
Elevation:	663 m	Sampler:	Steve Israel	UTM:	7041696	mN	

Comments: Float sample of white, coarse, vitreous qtz with earthy pale yellow surface coatings

Sample Number:	B687712	Date Collected:	15/07/2021	UTM:	606598	mE	Nad83, Zone 7
Elevation:	1013 m	Sampler:	Steve Israel	UTM:	7047052	mN	

Comments: Composite sample from handpit at Au soil anomaly (E21KC071); oxidized qtz, breccia, and qtz-rich wall rock

Sample Number:	B687720	Date Collected:	15/07/2021	UTM:	604034	mE	Nad83, Zone 7
Elevation:	924 m	Sampler:	Steve Israel	UTM:	7047742	mN	

Comments: Float grab sample of vuggy and pitted, structureless, dark blue-green with limonite patches altered wall rock with ~8 cm wide strongly limonitic qtz breccia zone

Sample Number:	B687756	Date Collected:	15/07/2021	UTM:	604504	mE	Nad83, Zone 7
Elevation:	1009 m	Sampler:	Steve Israel	UTM:	7046743	mN	

Comments: Composite sample from hand pit at anomolous soil site; limonite/goethite weathered quartz breccia; fine-grained grey rock flour matrix with angular to subangular quartz vein frements

Rock Sample Descriptions Property: Eureka

Sample Number:	B687956	Date Collected:	15/07/2021	UTM:	603204	mE	Nad83, Zone 7
Elevation:	695 m	Sampler:	Steve Israel	UTM:	7043909	mN	

Comments: Composite sample from 5m wide milky white quartz vein, local medium to dark grey seams within quartz (possibly very fine-grained sulfides?); limonite along fractures, minor limonite coating vugs, weak sericite and clay alteration

Sample Number:	B687964	Date Collected:	15/07/2021	UTM:	606399	mE	Nad83, Zone 7
Elevation:	913 m	Sampler:	Steve Israel	UTM:	7045751	mN	

Comments: Composite sample from hand pit at Au soil anomaly (E21MF068); oxidized quartz vein fragments, limonite along fractures and coating vugs, minor sericite alteration

Sample Number:	B687972	Date Collected:	15/07/2021	UTM:	605290	mE	Nad83, Zone 7
Elevation:	894 m	Sampler:	Steve Israel	UTM:	7048424	mN	

Comments: Grab sample from outcrop (E21MF082) of translucent grey to milky white quartz vein (~3 cm wide), limonite along fractures, coating surfaces and infilling vugs and pits

Sample Number:	B687980	Date Collected:	15/07/2021	UTM:	607645	mE	Nad83, Zone 7
Elevation:	816 m	Sampler:	Steve Israel	UTM:	7044727	mN	

Comments: Composite sample from several <10x5x5cm milky white to translucent grey oxidized quartz vein fragments, limonite along fractures and infilling vugs

Sample Number:	B687600	Date Collected:	15/07/2021	UTM:	604678	mE	Nad83, Zone 7
Elevation:	1012 m	Sampler:	Steve Israel	UTM:	7047885	mN	

Comments: Float of strongly limonitic breccia of milky white qtz

Sample Number:	K294602	Date Collected:	15/07/2021	UTM:	606001	mE	Nad83, Zone 7
Elevation:	1053 m	Sampler:	Jessie Gladish	UTM:	7044401	mN	

Comments: mica schist with sulphides..chalco? Pyrite? . Roadside float

Rock Sample Descriptions Property: Eureka

Sample Number:	K294610	Date Collected:	15/07/2021	UTM:	605693	mE	Nad83, Zone 7
Elevation:	m	Sampler:	Jessie Gladish	UTM:	7045049	mN	

Comments: Qz-Chl schiste (silicified?) with oily oxi stain on joints and schistosity plane, local disseminated ~1mm oxidized pseudomorphs. Composite sample from hand pit at old soil sample CC58357. MANU RACINE sampled

Sample Number:	K294618	Date Collected:	15/07/2021	UTM:	604797	mE	Nad83, Zone 7
Elevation:	1069 m	Sampler:	Jessie Gladish	UTM:	7047451	mN	

Comments: proposed trench 12. handpit at CC59429. float. Rep contains what is maybe the host rock in area? pink mineral? Some quartz filled cavities/altreed schist? Host rock looks like dark/greenish schist.

Sample Number:	K294626	Date Collected:	15/07/2021	UTM:	607144	mE	Nad83, Zone 7
Elevation:	760 m	Sampler:	Jessie Gladish	UTM:	7044401	mN	

Comments: vfg grain qtz. Sulph minor? Mica? Sericite? Roadside float sample.

Sample Number:	B687687	Date Collected:	15/07/2021	UTM:	604602	mE	Nad83, Zone 7
Elevation:	1074 m	Sampler:	Steve Israel	UTM:	7047249	mN	

Comments: 1 m chip sample taken from 21ETR001 (12-13 m); in hangingwall of more altered zone (B687686); rock is mainly, slightly rusty weathered quartzite with sericite and minor thin quartz veins

Sample Number:	B687695	Date Collected:	15/07/2021	UTM:	605399	mE	Nad83, Zone 7
Elevation:	1098 m	Sampler:	Steve Israel	UTM:	7045352	mN	

Comments: 1.5 m chip sample from 21ETR002 (16-17.5 m); white quartz with minor oxidized pyrite cubes; pitted locally and cut by darker grey quartz veins with vugs and disseminated and oxidized pyrite cubes

Sample Number:	B687703	Date Collected:	15/07/2021	UTM:	607699	mE	Nad83, Zone 7
Elevation:	666 m	Sampler:	Steve Israel	UTM:	7041187	mN	

Comments: Float of milky white to translucent qtz with <1% disseminated, oxidized cubic py and weak limonitic surface coatings

Rock Sample Descriptions Property: Eureka

Sample Number:	B687711	Date Collected:	15/07/2021	UTM:	606135	mE	Nad83, Zone 7
Elevation:	1110 m	Sampler:	Steve Israel	UTM:	7046800	mN	

Comments: Grab sample across whole 10 cm wide qtzite breccia zone with sub-rounded qtzite clasts, strong limonite alteration and vuggy texture in groundmass

Sample Number:	B687719	Date Collected:	15/07/2021	UTM:	604190	mE	Nad83, Zone 7
Elevation:	965 m	Sampler:	Steve Israel	UTM:	7047854	mN	

Comments: Float sample of milky white to light grey qtz with vuggy cross-cutting fractures and strong limonititc surface, vugs, fractures and in qtz itself

Sample Number:	B687755	Date Collected:	15/07/2021	UTM:	607211	mE	Nad83, Zone 7
Elevation:	738 m	Sampler:	Steve Israel	UTM:	7044538	mN	

Comments: Outcrop sample of white to dark grey quartz vein with seams, patches and disseminated pyrite up to 5%; seams of pyrite follow very dark grey very fine grained quartz (could be fine grained sulphides)

Sample Number:	B687955	Date Collected:	15/07/2021	UTM:	604793	mE	Nad83, Zone 7
Elevation:	791 m	Sampler:	Steve Israel	UTM:	7043690	mN	

Comments: Grab sample from outcrop of quartzite and decomposed oxidized schist (E21MF022) of weak to moderately oxidized quartz fragments (up to 5 cm wide), limonte along fracture surfaces, trace pits with limonite, minor sericite

Sample Number:	B687963	Date Collected:	15/07/2021	UTM:	606285	mE	Nad83, Zone 7
Elevation:	946 m	Sampler:	Steve Israel	UTM:	7045777	mN	

Comments: 20x15x10 cm boulder of white quartz vein with local orange staining; minor limonite on fractures

Sample Number:	B687971	Date Collected:	15/07/2021	UTM:	605066	mE	Nad83, Zone 7
Elevation:	991 m	Sampler:	Steve Israel	UTM:	7047902	mN	

Comments: 40x20x15 cm boulder of quartz vein, quartz vein breccia and quartzite breccia, monderate to strong limonite breccia infill, coating vugs and along fractures, minor clay alteration

Rock Sample Descriptions Property: Eureka

Sample Number:	B687979	Date Collected:	15/07/2021	UTM:	602747	mE	Nad83, Zone 7
Elevation:	917 m	Sampler:	Steve Israel	UTM:	7051435	mN	

Comments: 20x10x5 cm boulder of oxidized and limonitic quartzite cut by milky white quartz vein, limonite along fractures and coating vugs, minor sericite and clay alteration of wall rock

Sample Number:	B687599	Date Collected:	15/07/2021	UTM:	604660	mE	Nad83, Zone 7
Elevation:	1041 m	Sampler:	Steve Israel	UTM:	7047723	mN	

Comments: Grab sample of qtz and qtz breccia with limonitic surfaces

Sample Number:	K294601	Date Collected:	15/07/2021	UTM:	605998	mE	Nad83, Zone 7
Elevation:	1053 m	Sampler:	Jessie Gladish	UTM:	7044401	mN	

Comments: quartz composite sample. Chalco/pyrite/aresenopyrite? Maganese filled cavities. (Manu and Jessie) (near or on road)

Sample Number:	K294609	Date Collected:	15/07/2021	UTM:	605549	mE	Nad83, Zone 7
Elevation:	m	Sampler:	Jessie Gladish	UTM:	7044946	mN	

Comments: MANU RACINE sampled: Cobbles of rare oxidized Qz vein, rare brecciated host rocks with yellow-orange-greenish oxides and oily colored stain on schistosity plane. Composite sample from hand pit at old soil sample CC58308 on proposed trench 7 trace.

Sample Number:	K294617	Date Collected:	15/07/2021	UTM:	605450	mE	Nad83, Zone 7
Elevation:	m	Sampler:	Jessie Gladish	UTM:	7045653	mN	

Comments: hand pit in proposed trench 1. float, not super interesting. Composite. Some qtz cobbles..too rounded to be close to source? Also K294616 was mis-described..this is the decription: schist w quartz veining. Float. Muddy and thick moss. Handpit downslope fr

Sample Number:	K294625	Date Collected:	15/07/2021	UTM:	607144	mE	Nad83, Zone 7
Elevation:	756 m	Sampler:	Jessie Gladish	UTM:	7044395	mN	

Comments: float road sample up road/creek from ball showing.oxidized/brecciated qtz with yellow-y beige soft weathered mineral. Mica/serecite? Dark mineral filling fractures between fragments.

Rock Sample Descriptions Property: Eureka

Sample Number:	B687690	Date Collected:	15/07/2021	UTM:	604593	mE	Nad83, Zone 7
Elevation:	1072 m	Sampler:	Steve Israel	UTM:	7047250	mN	

Comments: 1 m chip sample taken from 21ETR001 (19-20 m); hangingwall zone of altered zone (B68789); rock is mainly bt, ms psammitic schist with layers of quartzite, minor rusty patches

Sample Number:	B687698	Date Collected:	15/07/2021	UTM:	608694	mE	Nad83, Zone 7
Elevation:	960 m	Sampler:	Steve Israel	UTM:	7044352	mN	

Comments: Composite sample from small hand pit at soil site east of Childs gulch; white quartz vein fragments

Sample Number:	B687706	Date Collected:	15/07/2021	UTM:	607210	mE	Nad83, Zone 7
Elevation:	740 m	Sampler:	Steve Israel	UTM:	7044536	mN	

Comments: Sample from outcrop across the whole ~20 cm of milky light grey qtz vein with massive fresh py

Sample Number:	B687714	Date Collected:	15/07/2021	UTM:	605723	mE	Nad83, Zone 7
Elevation:	767 m	Sampler:	Steve Israel	UTM:	7047871	mN	

Comments: 1 m chip sample taken at station E21KC075 of milky white qtz +/- py veins and qtzite wall rock with up to 2% disseminated py

Sample Number:	B687722	Date Collected:	15/07/2021	UTM:	603909	mE	Nad83, Zone 7
Elevation:	732 m	Sampler:	Steve Israel	UTM:	7049253	mN	

Comments: Composite sample from handpit at Au soil anomaly (E21KC083); altered psammitic schist with strong oxidation and many light grey qtz veinlets

Sample Number:	B687758	Date Collected:	15/07/2021	UTM:	605993	mE	Nad83, Zone 7
Elevation:	m	Sampler:	Steve Israel	UTM:	7044449	mN	

Comments: 2 m chip sample from 21ETR004 (4-6m); quartz veins, silicified bt schist and minor goethite and limonite coated breccia; mostly white vein material with moderate amount of vugs, and pitted texture; minor oxidized pyrite throughout (~1%) and possibly minor

Rock Sample Descriptions Property: Eureka

Sample Number:	B687958	Date Collected:	15/07/2021	UTM:	605931	mE	Nad83, Zone 7
Elevation:	943 m	Sampler:	Steve Israel	UTM:	7043836	mN	

Comments: Float sample of orange weathered quartzite with white quartz veinlets parallel to and crosscutting foliation, moderate to strong limonite in patches in quartzite and quartz veinlets, coating vugs/pits, and along fractures; trace fine-grained dark purplish

Sample Number:	B687966	Date Collected:	15/07/2021	UTM:	607638	mE	Nad83, Zone 7
Elevation:	827 m	Sampler:	Steve Israel	UTM:	7045154	mN	

Comments: Composite sample from hand pit at Au soil anomaly (E21MF071); rusty and oxidized dark grey quartzite breccia with quartz veining, strongly oxidized, limonite along fractures, coating vugs and forming patches

Sample Number:	B687974	Date Collected:	15/07/2021	UTM:	605520	mE	Nad83, Zone 7
Elevation:	886 m	Sampler:	Steve Israel	UTM:	7049987	mN	

Comments: Composite float sample of rusty brown oxidized quartzite breccia with quartz veins, minor quartz vein infill, minor limonite coating surfaces and along fractures

Sample Number:	K294604	Date Collected:	15/07/2021	UTM:	606000	mE	Nad83, Zone 7
Elevation:	1047 m	Sampler:	Jessie Gladish	UTM:	7044450	mN	

Comments: handpit float in proposed trench 9. oxidized schist with qtz. Some small scale folding/deformation? Alteration?

Sample Number:	K294612	Date Collected:	15/07/2021	UTM:	605549	mE	Nad83, Zone 7
Elevation:	1122 m	Sampler:	Jessie Gladish	UTM:	7045349	mN	

Comments: composite hand pit.some dark red/maroon/black/and some white weathered cemented or brecciated/cooked rock. And lighter/bleached cemented broken or brecciated grey/beige matrix with some red oxidation. Rep and photo.

Sample Number:	K294620	Date Collected:	15/07/2021	UTM:	604750	mE	Nad83, Zone 7
Elevation:	1075 m	Sampler:	Jessie Gladish	UTM:	7047250	mN	

Comments: proposed trench 15 at CC59326 soil sample. Light grey/white cooked quartz. Some oxidized cemented? Quartz/schist? Some darker maroon to black sheen fragments. Float. No outcrop but very close to significant outcrop and old trench.

Rock Sample Descriptions Property: Eureka

Sample Number:	K294628	Date Collected:	15/07/2021	UTM:	606854	mE	Nad83, Zone 7
Elevation:	1041 m	Sampler:	Jessie Gladish	UTM:	7047146	mN	

Comments: qtz/oxidized/brecciated float with some tarnished pyramid shaped pyrite (?).

Sample Number:	B687683	Date Collected:	15/07/2021	UTM:	607141	mE	Nad83, Zone 7
Elevation:	751 m	Sampler:	Steve Israel	UTM:	7044403	mN	

Comments: 40x15x35 boulder of milky white quartz, limonite along all fractures, minor limonite coated vugs

Sample Number:	B687691	Date Collected:	15/07/2021	UTM:	606015	mE	Nad83, Zone 7
Elevation:	1022 m	Sampler:	Steve Israel	UTM:	7044529	mN	

Comments: Quartz vein fragments from float just above strongly anomalous soil sample; white to grey quartz limonite and sericite along fractures; minor (< 1%) oxidized cubic pyrite; vuggy and pitted

Sample Number:	B687699	Date Collected:	15/07/2021	UTM:	608352	mE	Nad83, Zone 7
Elevation:	850 m	Sampler:	Steve Israel	UTM:	7044166	mN	

Comments: Large 2x1x2 m quartz vein boulder; limonite coated fractures through milky white quartz, minor vugs

Sample Number:	B687707	Date Collected:	15/07/2021	UTM:	607239	mE	Nad83, Zone 7
Elevation:	735 m	Sampler:	Steve Israel	UTM:	7044399	mN	

Comments: Grab sample of bleached, qtz + py-altered qtz-fsp rock with disseminated py locally up to 7% of rock and fine-grained qtz + py veinlets up to 5 mm wide

Sample Number:	B687715	Date Collected:	15/07/2021	UTM:	605723	mE	Nad83, Zone 7
Elevation:	765 m	Sampler:	Steve Israel	UTM:	7047873	mN	

Comments: 2 m chip sample taken at station E21KC075 of milky white qtz +/- py veins and qtzite wall rock with up to 2% disseminated py

Sample Number:	B687751	Date Collected:	15/07/2021	UTM:	605997	mE	Nad83, Zone 7
Elevation:	1046 m	Sampler:	Steve Israel	UTM:	7044349	mN	

Comments: Grab sample from 21ETR003 (5.9 m); 10 cm wide quartz vein with minor brecciation along edges; vein is dark grey with limonite coated fractures and minor vugs; very minor oxidized pyrite

Rock Sample Descriptions Property: Eureka

Sample Number:	B687951	Date Collected:	15/07/2021	UTM:	605363	mE	Nad83, Zone 7
Elevation:	872 m	Sampler:	Steve Israel	UTM:	7048479	mN	

Comments: Grab sample from subcrop of oxidized and silicified quartzite breccia, minor white to grey quartz infilling breccia, limonite coating fractures and infilling vugs; trace disseminated tarnished sulfides (likely pyrite)

Sample Number:	B687959	Date Collected:	15/07/2021	UTM:	606257	mE	Nad83, Zone 7
Elevation:	733 m	Sampler:	Steve Israel	UTM:	7042869	mN	

Comments: Grab sample from ~1m wide roadcut exposure (E21MF057) of oxidized and rusty altered quartzite with quartz veins; moderate to strong limonite coating surfaces of quartzite and infilling vugs in quartz veins; minor sericite and clay alteration

Sample Number:	B687967	Date Collected:	15/07/2021	UTM:	606904	mE	Nad83, Zone 7
Elevation:	1107 m	Sampler:	Steve Israel	UTM:	7045851	mN	

Comments: Composite sample from hand pit at Au soil anomaly (E21MF072); rusty and oxidized dark grey quartzite, moderately to strongly oxidized, limonite coating surfaces, along fractures and foliation surfaces; minor to moderate sericite alteration

Sample Number:	B687975	Date Collected:	15/07/2021	UTM:	603431	mE	Nad83, Zone 7
Elevation:	870 m	Sampler:	Steve Israel	UTM:	7051410	mN	

Comments: 25x15x8 cm boulder of quartzite breccia with minor quartz veinlets parallel to foliation, brownish orange alteration seams throughout, limonite as fine-grained patches, coating fractures and along quartz veinlets, minor sericite alteration

Sample Number:	K294605	Date Collected:	15/07/2021	UTM:	605999	mE	Nad83, Zone 7
Elevation:	1052 m	Sampler:	Jessie Gladish	UTM:	7044345	mN	

Comments: handpit float in trench 10. dark schist..not super interesting looking.

Sample Number:	K294613	Date Collected:	15/07/2021	UTM:	605400	mE	Nad83, Zone 7
Elevation:	m	Sampler:	Jessie Gladish	UTM:	7045351	mN	

Comments: Clear and smokey Qz veins, boudinage and folds observed, traces of fine orange oxi interstitial material, hosted in light grey Qz-Bt-Chl schist. Composite sample from hand pit at old soil sample CC58477 on proposed trench 3 trace. MANU RACINE sampler.

Rock Sample Descriptions Property: Eureka

Sample Number:	K294621	Date Collected:	15/07/2021	UTM:	604750 mE	Nad83, Zone 7
Elevation:	1081 m	Sampler:	Jessie Gladish	UTM:	7047353 mN	

Comments: in proposed trench 13 at CC59390 soil sample which was not located precisely. Float, no outcrop. Schisty with oxidized weathered cemented/brecciated quatz. Some darker minerals filling in lines/cavities and some light softer minerals on fresh surface.

Sample Number:	K294629	Date Collected:	15/07/2021	UTM:	606855 mE	Nad83, Zone 7
Elevation:	1045 m	Sampler:	Jessie Gladish	UTM:	7047152 mN	

Comments: breccisted qtz. Dense. A small .5 cm x .5cm area of white mineral (snow white quartz?)

APPENDIX IV

CERTIFICATES OF ANALYSIS

ALS Canada Ltd.

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

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

Finalized Date: 13-JAN-2022
Account: F

CERTIFICATE WH21255985

Project: Eureka

This report is for 112 samples of Rock submitted to our lab in Whitehorse, YT, Canada on 23-SEP-2021.

The following have access to data associated with this certificate:

HEATHER BURRELL JACK MORTON	MATT DUMALA SCOTT NEWMAN	STEVE ISRAEL LIZ SMITH

SAMPLE PREPARATION

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

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	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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Finalized Date: 13-JAN-2022
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Project: Eureka

CERTIFICATE OF ANALYSIS WH21255985

Sample Description	Method	WEI-21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Recvd Wt.	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga
	Units	kg	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm
	LOD	0.02	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1	1	0.01	10
B687951		2.12	<0.2	0.63	40	<10	110	<0.5	<2	0.01	<0.5	<1	7	25	1.70	<10
B687952		1.80	2.1	0.43	97	<10	970	1.2	<2	0.02	<0.5	2	14	14	5.52	<10
B687953		0.96	<0.2	0.10	15	<10	150	<0.5	<2	<0.01	<0.5	1	24	8	1.09	<10
B687954		3.07	<0.2	0.18	4	<10	60	<0.5	<2	0.01	<0.5	<1	15	5	1.02	<10
B687955		1.36	<0.2	0.07	4	<10	10	<0.5	<2	0.02	<0.5	<1	14	3	0.87	<10
B687956		4.69	<0.2	0.12	<2	<10	50	<0.5	<2	0.07	<0.5	<1	20	4	0.83	<10
B687957		4.47	<0.2	0.19	381	<10	50	<0.5	<2	0.01	0.7	1	13	37	2.00	<10
B687958		1.24	0.2	0.25	7	<10	30	<0.5	<2	0.04	<0.5	1	21	11	1.34	<10
B687959		3.25	<0.2	0.20	4	<10	70	<0.5	<2	0.08	<0.5	3	18	5	1.13	<10
B687960		2.47	0.4	0.38	107	<10	560	<0.5	<2	0.02	2.9	17	18	53	4.10	<10
B687961		3.52	<0.2	0.44	7	<10	90	<0.5	<2	0.01	<0.5	<1	7	6	0.65	<10
B687962		2.91	<0.2	0.39	2	<10	50	<0.5	<2	0.09	<0.5	1	5	18	0.90	<10
B687963		1.17	<0.2	0.01	7	<10	10	<0.5	<2	<0.01	<0.5	<1	16	1	0.53	<10
B687964		1.77	<0.2	0.08	13	<10	40	<0.5	<2	0.05	<0.5	1	18	2	0.93	<10
B687965		1.28	<0.2	0.17	67	<10	60	<0.5	<2	0.02	<0.5	1	14	5	1.21	<10
B687966		2.87	0.4	0.42	522	<10	610	<0.5	<2	0.06	2.0	6	30	78	2.37	<10
B687967		1.84	<0.2	0.24	17	<10	130	<0.5	<2	0.05	<0.5	2	18	6	1.33	<10
B687968		2.75	<0.2	0.35	94	<10	140	0.7	<2	0.01	<0.5	2	11	33	7.43	<10
B687969		0.78	<0.2	0.02	6	<10	60	<0.5	<2	<0.01	<0.5	<1	12	2	0.55	<10
B687970		1.10	0.6	0.44	131	10	1810	0.5	<2	0.01	<0.5	2	19	33	2.34	<10
B687971		2.63	1.9	0.18	361	<10	310	<0.5	<2	0.01	<0.5	33	14	78	2.28	<10
B687972		0.43	<0.2	0.08	32	<10	20	<0.5	<2	0.02	<0.5	1	12	12	1.82	<10
B687973		1.62	<0.2	0.31	250	<10	130	0.7	<2	0.01	1.4	5	16	43	6.96	<10
B687974		2.16	<0.2	0.32	1675	<10	520	0.5	<2	0.02	<0.5	1	18	107	6.48	<10
B687975		2.55	<0.2	0.33	20	<10	110	0.8	<2	0.01	<0.5	1	17	20	4.38	<10
B687976		2.21	<0.2	0.30	43	<10	90	1.4	<2	0.01	<0.5	2	19	28	4.38	<10
B687977		2.86	<0.2	0.21	36	<10	30	<0.5	<2	0.01	<0.5	1	20	39	3.62	<10
B687978		3.49	1.1	0.17	26	<10	180	<0.5	<2	0.01	<0.5	2	40	45	3.32	<10
B687979		2.06	0.5	0.13	3	<10	120	<0.5	<2	0.01	<0.5	<1	20	12	1.02	<10
B687980		0.46	1.6	0.17	7	<10	90	<0.5	<2	0.05	<0.5	1	17	14	1.73	<10
B687598		1.78	0.2	0.16	10	<10	50	<0.5	<2	0.01	<0.5	1	18	17	1.36	<10
B687599		1.91	<0.2	0.15	42	<10	30	<0.5	<2	0.01	<0.5	2	16	9	1.96	<10
B687600		1.66	0.9	0.13	59	<10	70	<0.5	<2	0.01	<0.5	1	14	15	4.06	<10
B687701		1.41	<0.2	0.11	995	<10	100	<0.5	<2	<0.01	<0.5	1	10	25	3.02	<10
B687702		2.58	<0.2	0.06	2	<10	450	<0.5	<2	13.6	<0.5	1	8	5	0.53	<10
B687703		1.63	<0.2	<0.01	3	<10	<10	<0.5	<2	0.02	<0.5	<1	9	1	0.62	<10
B687704		1.94	<0.2	0.03	<2	<10	10	<0.5	<2	0.12	<0.5	<1	18	2	0.79	<10
B687705		3.09	<0.2	1.25	26	<10	90	<0.5	<2	0.22	<0.5	5	33	14	2.67	<10
B687706		5.11	6.6	0.05	42	<10	10	<0.5	2	<0.01	<0.5	23	6	887	19.35	<10
B687707		1.88	<0.2	0.26	13	<10	30	<0.5	<2	0.01	<0.5	<1	5	6	0.91	<10

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

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

Finalized Date: 13-JAN-2022
Account: F

Project: Eureka

CERTIFICATE OF ANALYSIS WH21255985

Sample Description	Method / Analyte / Units / LOD	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
B687951		<1	0.14	20	0.02	51	1	0.01	4	350	7	0.01	<2	5	7	<20
B687952		1	0.09	10	<0.01	62	4	0.01	20	1540	7	0.10	<2	7	8	<20
B687953		<1	0.03	<10	<0.01	86	1	0.01	3	160	8	<0.01	<2	<1	1	<20
B687954		<1	0.11	10	0.01	91	1	0.02	3	100	<2	0.02	<2	1	2	<20
B687955		<1	0.03	<10	0.02	87	1	0.01	2	40	<2	<0.01	<2	<1	<1	<20
B687956		<1	0.07	<10	0.02	85	1	0.01	2	270	3	0.02	<2	<1	1	<20
B687957		3	0.08	10	0.01	65	4	0.01	12	330	9	<0.01	12	1	25	<20
B687958		<1	0.11	10	0.05	99	1	0.03	9	270	4	<0.01	<2	2	2	<20
B687959		<1	0.10	10	0.01	128	1	0.01	9	360	27	<0.01	<2	1	4	<20
B687960		<1	0.05	<10	0.03	739	26	0.01	40	350	30	0.03	4	8	9	<20
B687961		1	0.09	20	0.01	75	1	0.01	3	70	18	0.03	3	1	14	30
B687962		<1	0.13	10	0.06	87	3	0.05	2	40	8	0.15	<2	1	4	30
B687963		<1	<0.01	<10	<0.01	58	<1	0.01	2	20	39	<0.01	<2	<1	<1	<20
B687964		<1	0.04	<10	0.01	111	1	0.01	2	200	3	<0.01	4	<1	2	<20
B687965		<1	0.05	<10	0.03	91	1	0.01	3	110	11	<0.01	6	<1	2	<20
B687966		1	0.10	10	0.03	288	4	0.02	34	610	10	0.02	18	4	114	<20
B687967		<1	0.06	<10	0.06	195	1	0.02	5	150	4	<0.01	3	1	4	<20
B687968		<1	0.04	10	<0.01	73	3	0.01	35	1940	7	<0.01	2	1	10	<20
B687969		<1	<0.01	<10	<0.01	49	1	0.01	2	60	<2	<0.01	<2	<1	1	<20
B687970		1	0.04	20	<0.01	67	237	0.01	6	1720	87	0.01	5	1	624	<20
B687971		2	0.02	10	<0.01	1425	30	0.01	5	370	26	<0.01	12	1	32	<20
B687972		<1	0.02	<10	<0.01	154	2	0.01	12	350	<2	<0.01	<2	1	1	<20
B687973		<1	0.10	10	0.01	196	2	0.01	28	1640	6	<0.01	<2	2	9	<20
B687974		5	0.06	<10	<0.01	120	2	0.01	4	540	26	0.01	7	1	46	<20
B687975		1	0.11	10	0.01	87	1	0.01	18	970	6	<0.01	3	1	10	<20
B687976		<1	0.12	10	0.01	130	2	0.01	8	1060	5	<0.01	<2	1	2	<20
B687977		1	0.07	<10	<0.01	125	1	<0.01	3	110	5	<0.01	3	2	1	<20
B687978		<1	0.06	<10	0.01	298	13	<0.01	18	700	4	0.01	2	1	6	<20
B687979		<1	0.04	<10	0.01	67	1	<0.01	4	160	2	0.02	<2	3	4	<20
B687980		<1	0.04	<10	0.01	99	2	<0.01	5	180	4	0.05	<2	1	8	<20
B687598		<1	0.06	10	0.02	84	2	<0.01	4	260	5	0.01	<2	1	5	<20
B687599		<1	0.06	10	0.01	148	1	<0.01	10	430	4	<0.01	<2	1	2	<20
B687600		<1	0.01	<10	<0.01	140	22	<0.01	8	400	8	<0.01	<2	1	5	<20
B687701		1	0.03	<10	<0.01	86	1	<0.01	2	480	9	<0.01	16	<1	9	<20
B687702		<1	0.02	10	0.26	338	1	<0.01	8	140	3	0.02	<2	<1	110	<20
B687703		<1	<0.01	<10	<0.01	68	<1	<0.01	1	<10	<2	<0.01	<2	<1	1	<20
B687704		<1	0.01	<10	0.01	108	<1	<0.01	3	20	<2	<0.01	<2	<1	1	<20
B687705		<1	0.53	20	0.48	215	1	0.02	23	790	9	<0.01	<2	3	5	<20
B687706		<1	0.02	<10	<0.01	77	9	<0.01	28	20	33	>10.0	13	3	<1	<20
B687707		4	0.08	20	0.01	166	4	<0.01	2	50	11	0.16	2	2	2	20

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

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Finalized Date: 13-JAN-2022
Account: F

Project: Eureka

CERTIFICATE OF ANALYSIS WH21255985

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-ICP21
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2	0.001
B687951		<0.01	<10	<10	19	<10	39	0.086
B687952		<0.01	<10	<10	53	<10	197	0.348
B687953		<0.01	<10	<10	5	<10	9	<0.001
B687954		<0.01	<10	<10	3	<10	6	<0.001
B687955		<0.01	<10	<10	3	<10	5	<0.001
B687956		<0.01	<10	<10	2	<10	5	<0.001
B687957		<0.01	<10	<10	23	<10	50	0.010
B687958		0.02	<10	<10	27	<10	19	0.011
B687959		<0.01	<10	<10	3	<10	31	0.002
B687960		0.01	<10	<10	59	<10	231	0.023
B687961		<0.01	<10	<10	1	<10	12	<0.001
B687962		0.01	<10	10	1	<10	10	0.002
B687963		<0.01	<10	<10	<1	<10	3	<0.001
B687964		<0.01	<10	<10	3	<10	8	<0.001
B687965		0.01	<10	<10	6	<10	21	<0.001
B687966		<0.01	<10	<10	62	<10	132	0.004
B687967		0.01	<10	<10	7	<10	16	<0.001
B687968		<0.01	<10	<10	36	<10	158	<0.001
B687969		<0.01	<10	<10	2	<10	4	<0.001
B687970		<0.01	<10	<10	22	<10	43	0.155
B687971		<0.01	<10	<10	18	<10	36	0.550
B687972		<0.01	<10	<10	12	<10	40	0.002
B687973		<0.01	<10	<10	45	<10	162	0.028
B687974		<0.01	<10	<10	29	<10	22	0.004
B687975		<0.01	<10	<10	29	<10	54	0.004
B687976		<0.01	<10	<10	35	<10	55	0.016
B687977		<0.01	<10	<10	18	<10	14	<0.001
B687978		<0.01	<10	<10	72	<10	109	0.002
B687979		<0.01	<10	<10	15	<10	11	<0.001
B687980		0.01	<10	<10	18	<10	11	0.081
B687598		0.01	<10	<10	16	<10	19	0.029
B687599		<0.01	<10	<10	17	<10	32	0.016
B687600		<0.01	<10	<10	5	<10	44	0.127
B687701		<0.01	<10	<10	5	<10	13	0.001
B687702		0.01	<10	<10	1	<10	13	<0.001
B687703		<0.01	<10	<10	<1	<10	<2	<0.001
B687704		<0.01	<10	<10	1	<10	5	<0.001
B687705		0.08	<10	<10	48	<10	62	0.002
B687706		<0.01	<10	<10	28	<10	17	0.087
B687707		<0.01	<10	<10	1	<10	12	0.002

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

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Finalized Date: 13-JAN-2022
Account: F

Project: Eureka

CERTIFICATE OF ANALYSIS WH21255985

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
B687708		2.87	<0.2	0.40	2	<10	60	<0.5	<2	0.15	<0.5	1	9	6	1.43	<10
B687709		2.23	<0.2	0.01	2	<10	10	<0.5	<2	<0.01	<0.5	<1	22	2	0.84	<10
B687710		1.02	0.2	0.21	531	<10	130	<0.5	<2	0.01	<0.5	1	15	74	9.26	<10
B687711		3.62	<0.2	0.24	202	<10	60	0.7	<2	0.01	<0.5	2	14	111	8.39	<10
B687712		1.96	0.5	0.20	201	<10	240	<0.5	<2	0.02	0.5	4	12	17	6.78	<10
B687713		0.47	2.1	0.20	307	<10	50	0.5	<2	0.01	0.5	2	11	31	3.41	<10
B687714		2.56	0.3	0.22	9	<10	230	<0.5	<2	0.10	<0.5	3	18	14	1.25	<10
B687715		4.46	0.2	0.12	13	<10	130	<0.5	<2	0.08	<0.5	2	19	10	1.20	<10
B687716		4.58	0.2	0.17	24	<10	280	<0.5	<2	0.09	<0.5	3	18	11	1.20	<10
B687717		2.63	0.2	0.19	12	<10	620	<0.5	<2	0.09	<0.5	3	16	11	1.33	<10
B687718		2.73	0.2	0.17	9	<10	150	<0.5	<2	0.10	<0.5	3	15	9	1.36	<10
B687719		2.17	0.4	0.06	8	<10	280	<0.5	<2	<0.01	<0.5	2	18	17	1.98	<10
B687720		2.41	0.8	0.23	32	<10	170	0.8	<2	0.02	1.9	4	23	23	8.65	<10
B687721		3.89	0.7	0.71	5	<10	360	<0.5	<2	0.63	1.5	4	48	27	1.39	<10
B687722		3.09	0.2	0.44	41	<10	70	0.5	<2	0.06	<0.5	7	13	29	2.41	<10
B687683		1.86	<0.2	0.03	3	<10	10	<0.5	<2	<0.01	<0.5	<1	12	3	0.60	<10
B687684		3.51	<0.2	0.31	50	<10	160	0.8	<2	0.02	<0.5	4	16	47	4.71	<10
B687685		2.46	0.8	0.33	44	<10	90	1.2	<2	0.01	1.3	6	11	56	7.90	<10
B687686		3.25	1.2	0.25	22	<10	120	0.7	<2	0.01	0.7	11	11	29	4.68	<10
B687687		2.61	0.6	0.32	19	<10	90	0.6	<2	0.01	0.5	6	12	33	4.41	<10
B687688		2.28	1.1	0.40	36	<10	90	0.7	<2	0.01	0.9	6	15	42	5.69	<10
B687689		4.06	1.8	0.26	40	<10	90	<0.5	<2	0.01	0.8	8	12	21	4.21	<10
B687690		2.29	1.0	0.43	24	<10	70	<0.5	<2	0.01	0.6	4	20	46	4.10	<10
B687691		2.46	0.4	0.15	7	<10	150	<0.5	<2	0.02	<0.5	1	14	17	1.24	<10
B687692		1.94	<0.2	0.12	6	<10	30	<0.5	<2	0.02	<0.5	<1	11	3	0.95	<10
B687693		1.45	<0.2	0.02	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	17	2	0.49	<10
B687694		2.87	0.5	1.27	5	<10	160	0.6	<2	0.10	<0.5	5	12	31	2.45	<10
B687695		3.41	1.5	0.33	22	<10	30	<0.5	<2	0.03	<0.5	1	8	17	1.64	<10
B687696		3.28	0.4	0.59	14	<10	50	<0.5	<2	0.05	<0.5	2	9	20	1.57	<10
B687697		2.62	<0.2	0.01	<2	<10	10	<0.5	<2	<0.01	<0.5	1	15	3	0.69	<10
B687698		0.73	<0.2	0.17	<2	<10	50	<0.5	<2	0.06	<0.5	1	12	7	0.95	<10
B687699		1.98	<0.2	<0.01	<2	<10	10	<0.5	<2	<0.01	<0.5	<1	13	2	0.55	<10
B687700		2.06	<0.2	0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	17	1	0.82	<10
B687751		1.33	0.3	0.47	14	<10	50	0.5	<2	0.08	0.5	8	16	13	2.06	<10
B687752		1.80	0.8	0.17	32	<10	20	<0.5	<2	0.03	<0.5	14	16	13	2.92	<10
B687753		2.82	0.5	0.28	17	<10	40	<0.5	<2	0.06	<0.5	5	15	8	1.43	<10
B687754		1.99	0.2	1.39	34	<10	90	1.1	<2	0.22	<0.5	14	19	29	2.99	<10
B687755		2.81	1.5	0.04	13	<10	40	<0.5	<2	<0.01	<0.5	6	17	38	2.31	<10
B687756		2.65	<0.2	0.35	23	<10	70	0.7	<2	0.01	0.7	3	17	36	3.77	<10
B687757		2.91	0.2	0.28	43	<10	70	<0.5	<2	0.02	<0.5	1	8	16	1.14	<10

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

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

Finalized Date: 13-JAN-2022
Account: F

Project: Eureka

CERTIFICATE OF ANALYSIS WH21255985

Sample Description	Method / Analyte / Units / LOD	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1	ME-ICP41 Th ppm 20
B687708		<1	0.23	30	0.11	279	<1	0.03	2	140	6	0.14	<2	3	5	20
B687709		<1	<0.01	<10	<0.01	85	<1	<0.01	1	20	<2	<0.01	<2	<1	1	<20
B687710		<1	0.01	10	<0.01	70	1	<0.01	10	2040	13	0.01	62	1	12	<20
B687711		<1	0.02	10	<0.01	100	2	<0.01	15	2170	6	0.01	16	1	7	<20
B687712		1	0.09	10	0.01	477	10	<0.01	32	640	33	0.01	5	3	69	<20
B687713		1	0.04	10	0.01	136	25	<0.01	8	510	80	0.02	16	2	5	<20
B687714		<1	0.12	10	0.04	136	1	<0.01	11	440	14	0.08	<2	1	11	<20
B687715		<1	0.07	<10	0.01	131	1	<0.01	8	310	16	0.05	<2	1	5	<20
B687716		<1	0.10	10	0.02	130	1	<0.01	10	380	10	0.08	<2	1	9	<20
B687717		<1	0.12	10	0.03	152	1	0.01	12	410	5	0.11	<2	1	5	<20
B687718		<1	0.11	10	0.02	127	1	<0.01	10	420	6	0.08	<2	1	6	<20
B687719		<1	0.01	<10	<0.01	225	1	<0.01	8	250	<2	<0.01	<2	2	1	<20
B687720		<1	0.02	10	<0.01	305	12	<0.01	23	2830	5	0.01	2	12	4	<20
B687721		<1	0.06	10	0.35	541	9	<0.01	57	760	4	0.18	<2	2	32	<20
B687722		1	0.13	10	0.01	242	1	<0.01	22	480	4	0.01	2	3	5	<20
B687683		<1	0.01	<10	<0.01	64	<1	<0.01	1	20	<2	<0.01	<2	<1	4	<20
B687684		<1	0.06	10	0.02	170	2	<0.01	24	980	6	<0.01	<2	2	21	<20
B687685		<1	0.09	10	0.01	111	7	<0.01	33	1960	13	<0.01	<2	3	7	<20
B687686		<1	0.08	10	<0.01	486	5	<0.01	20	1190	7	<0.01	<2	1	3	<20
B687687		<1	0.11	10	0.01	196	3	<0.01	16	1000	6	<0.01	<2	2	5	<20
B687688		<1	0.15	20	0.02	142	12	<0.01	18	1210	9	<0.01	<2	3	9	<20
B687689		<1	0.09	10	<0.01	168	43	<0.01	13	1280	17	<0.01	<2	5	10	<20
B687690		<1	0.15	20	0.03	120	13	<0.01	9	1080	6	<0.01	<2	3	6	<20
B687691		<1	0.10	10	0.02	97	3	0.02	5	110	17	0.01	<2	1	4	<20
B687692		<1	0.11	10	<0.01	85	1	0.02	2	150	7	0.04	<2	<1	6	<20
B687693		<1	<0.01	<10	<0.01	56	<1	<0.01	1	<10	<2	<0.01	<2	<1	<1	<20
B687694		<1	0.62	20	0.44	591	1	0.04	16	270	3	0.01	<2	4	9	<20
B687695		<1	0.16	20	0.09	120	11	0.05	6	160	46	0.04	<2	3	8	<20
B687696		<1	0.24	20	0.18	245	1	0.06	5	140	15	0.01	<2	3	5	<20
B687697		<1	0.01	<10	<0.01	76	<1	<0.01	3	10	<2	0.01	<2	<1	1	<20
B687698		<1	0.05	<10	0.04	116	<1	0.02	4	130	4	0.01	<2	<1	6	<20
B687699		<1	<0.01	<10	<0.01	60	<1	<0.01	2	10	<2	<0.01	<2	<1	1	<20
B687700		<1	<0.01	<10	<0.01	90	<1	<0.01	1	10	<2	<0.01	<2	<1	1	<20
B687751		<1	0.31	20	0.14	897	1	0.01	15	290	11	<0.01	<2	2	5	<20
B687752		<1	0.09	10	0.04	430	1	0.01	53	90	10	0.09	<2	1	2	<20
B687753		<1	0.21	10	0.07	663	<1	<0.01	8	230	15	0.01	<2	1	3	<20
B687754		<1	0.43	60	0.37	816	<1	0.01	21	280	23	<0.01	<2	3	17	20
B687755		<1	0.01	<10	<0.01	91	28	<0.01	3	10	11	1.62	2	<1	1	<20
B687756		<1	0.10	10	0.03	207	2	0.01	17	1100	11	0.02	<2	1	5	<20
B687757		<1	0.06	10	0.01	85	3	0.01	5	70	18	0.19	4	2	6	<20

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

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

Finalized Date: 13-JAN-2022
Account: F

Project: Eureka

CERTIFICATE OF ANALYSIS WH21255985

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Au-ICP21
	Analyte	Ti	Tl	U	V	W	Zn	Au
	Units	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.01	10	10	1	10	2	0.001
B687708		0.03	<10	<10	4	<10	28	<0.001
B687709		<0.01	<10	<10	<1	<10	<2	<0.001
B687710		<0.01	<10	<10	14	<10	80	0.022
B687711		<0.01	<10	<10	35	<10	77	0.001
B687712		<0.01	<10	<10	25	<10	248	0.019
B687713		<0.01	<10	<10	22	<10	76	2.37
B687714		0.01	<10	<10	15	<10	41	0.014
B687715		<0.01	<10	<10	7	<10	24	0.031
B687716		<0.01	<10	<10	11	<10	32	0.075
B687717		0.01	<10	<10	10	<10	30	0.021
B687718		<0.01	<10	<10	11	<10	28	0.008
B687719		<0.01	<10	<10	14	<10	31	<0.001
B687720		<0.01	<10	<10	32	<10	154	0.008
B687721		0.06	<10	10	24	<10	134	0.001
B687722		<0.01	<10	<10	20	<10	91	0.006
B687683		<0.01	<10	<10	1	<10	<2	<0.001
B687684		<0.01	<10	<10	28	<10	70	0.010
B687685		<0.01	<10	<10	27	<10	158	0.125
B687686		<0.01	<10	<10	19	<10	83	0.184
B687687		0.01	<10	<10	22	<10	73	0.064
B687688		0.01	<10	<10	36	<10	83	0.388
B687689		<0.01	<10	<10	32	<10	45	0.472
B687690		0.01	<10	<10	44	<10	28	0.182
B687691		0.01	<10	<10	3	<10	9	0.528
B687692		<0.01	<10	<10	1	<10	2	<0.001
B687693		<0.01	<10	<10	<1	<10	<2	<0.001
B687694		0.06	<10	<10	26	<10	34	0.093
B687695		0.01	<10	<10	14	<10	18	1.645
B687696		0.03	<10	<10	9	<10	18	0.076
B687697		<0.01	<10	<10	1	<10	<2	<0.001
B687698		0.01	<10	<10	3	<10	7	<0.001
B687699		<0.01	<10	<10	1	<10	<2	<0.001
B687700		<0.01	<10	<10	<1	<10	<2	<0.001
B687751		0.02	<10	<10	10	<10	25	0.121
B687752		<0.01	<10	<10	5	<10	12	0.873
B687753		0.01	<10	<10	5	<10	12	0.668
B687754		0.03	<10	<10	19	<10	60	0.040
B687755		<0.01	<10	<10	1	<10	6	0.019
B687756		0.01	<10	<10	28	<10	133	0.020
B687757		<0.01	<10	<10	3	<10	28	<0.001

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

Finalized Date: 13-JAN-2022
Account: F

Project: Eureka

CERTIFICATE OF ANALYSIS WH21255985

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
B687758		3.96	1.3	0.20	58	<10	50	<0.5	<2	0.03	0.9	3	14	18	1.99	<10
K294601		4.95	0.2	0.05	2	<10	10	<0.5	<2	0.01	<0.5	3	35	5	0.41	<10
K294602		2.59	0.5	0.86	27	<10	40	0.8	<2	0.06	0.5	3	18	19	3.26	<10
K294603		1.89	2.4	0.28	149	<10	60	0.5	<2	0.02	0.5	3	13	56	2.96	<10
K294604		1.94	2.3	0.50	175	10	50	0.5	2	0.06	0.6	6	10	35	2.09	<10
K294605		1.82	<0.2	1.44	3	<10	60	<0.5	<2	0.04	<0.5	13	18	14	2.69	<10
K294606		2.23	0.4	0.20	3	<10	190	<0.5	<2	0.01	<0.5	2	9	16	0.99	<10
K294607		1.71	0.5	0.02	39	<10	30	<0.5	<2	<0.01	<0.5	7	17	25	1.96	<10
K294608		1.94	0.2	0.19	2780	<10	100	<0.5	<2	0.02	0.5	10	33	61	7.40	<10
K294609		1.23	0.2	0.25	127	<10	40	0.6	<2	0.01	0.6	2	15	36	4.19	<10
K294610		0.97	<0.2	0.19	17	<10	50	<0.5	<2	0.05	<0.5	1	14	12	0.64	<10
K294611		2.01	0.3	0.20	43	<10	60	<0.5	<2	0.02	<0.5	2	17	12	0.94	<10
K294612		2.79	0.4	0.36	258	<10	80	0.7	<2	0.02	0.5	4	13	59	6.44	<10
K294613		2.03	<0.2	0.65	2	<10	80	<0.5	<2	0.19	<0.5	2	14	21	1.17	<10
K294614		3.49	<0.2	0.33	80	<10	80	0.5	<2	0.04	<0.5	6	13	22	4.02	<10
K294615		2.51	0.2	0.31	35	<10	60	<0.5	<2	0.05	<0.5	3	13	13	1.42	<10
K294616		0.92	<0.2	0.69	5	<10	60	<0.5	<2	0.06	<0.5	2	8	4	1.09	<10
K294617		1.89	<0.2	0.15	14	<10	30	<0.5	<2	0.02	<0.5	1	14	12	0.84	<10
K294618		3.54	1.6	0.50	176	<10	60	0.9	<2	0.01	0.6	5	129	47	8.72	<10
K294619		5.11	1.2	0.33	134	<10	190	0.8	4	0.01	<0.5	2	13	65	3.69	<10
K294620		2.67	0.2	0.27	200	<10	130	<0.5	<2	0.02	<0.5	5	16	64	2.91	<10
K294621		4.02	0.3	0.71	203	<10	160	0.9	<2	0.06	0.6	8	13	76	7.09	<10
K294622		2.83	<0.2	0.09	2	<10	50	<0.5	<2	0.01	<0.5	1	17	7	0.59	<10
K294623		2.01	0.2	0.33	<2	<10	50	<0.5	2	0.06	<0.5	1	6	4	0.43	<10
K294624		2.50	0.3	0.20	<2	<10	50	<0.5	<2	0.06	<0.5	2	10	4	0.73	<10
K294625		2.39	<0.2	0.16	221	<10	10	<0.5	<2	0.01	<0.5	2	11	111	5.25	<10
K294626		0.78	<0.2	0.28	304	<10	50	1.0	<2	0.02	<0.5	11	18	179	9.79	<10
K294627		2.15	2.2	0.11	88	<10	200	<0.5	<2	<0.01	<0.5	1	13	13	1.81	<10
K294628		1.91	1.5	0.14	100	<10	300	<0.5	<2	0.01	<0.5	<1	16	23	1.29	<10
K294629		2.02	1.6	0.17	57	<10	280	<0.5	<2	0.01	<0.5	<1	14	17	0.95	<10
K294630		2.28	<0.2	1.18	<2	<10	110	<0.5	2	0.04	<0.5	3	13	6	2.58	10
K294631		2.40	0.2	0.19	163	<10	110	<0.5	<2	<0.01	<0.5	<1	12	23	4.03	<10

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CERTIFICATE OF ANALYSIS WH21255985

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
B687758		<1	0.20	10	0.04	92	39	0.01	12	280	289	0.10	<2	2	19	<20
K294601		<1	0.03	<10	0.02	121	1	0.01	7	20	5	0.04	<2	<1	1	<20
K294602		<1	0.61	30	0.35	139	2	0.03	14	240	10	0.02	<2	3	11	20
K294603		<1	0.13	10	0.04	113	105	0.01	13	530	146	0.06	<2	2	2	<20
K294604		<1	0.24	20	0.09	214	4	0.01	19	220	427	0.04	<2	2	10	<20
K294605		<1	0.25	30	0.59	478	<1	0.02	23	240	21	0.01	<2	2	3	<20
K294606		<1	0.06	20	0.01	34	39	0.01	1	70	8	0.70	<2	<1	4	<20
K294607		<1	0.01	<10	<0.01	52	23	0.01	5	10	4	1.38	<2	1	1	<20
K294608		3	0.03	<10	<0.01	321	4	0.01	26	200	15	0.02	89	1	10	<20
K294609		1	0.09	10	0.01	133	4	0.01	13	880	13	0.01	3	1	5	<20
K294610		<1	0.08	10	0.02	60	1	0.01	5	260	21	0.01	<2	1	8	<20
K294611		<1	0.08	10	0.03	83	1	0.01	5	200	23	0.01	<2	1	3	<20
K294612		<1	0.10	10	0.02	234	4	0.01	14	1080	36	0.03	<2	2	7	<20
K294613		<1	0.30	10	0.23	117	1	0.03	8	630	4	0.01	<2	1	5	<20
K294614		1	0.11	10	0.04	488	1	0.01	21	690	13	0.01	2	1	28	<20
K294615		<1	0.09	10	0.05	153	2	0.01	6	290	10	0.02	2	1	14	<20
K294616		<1	0.28	10	0.16	153	<1	0.03	3	150	4	0.01	<2	1	8	<20
K294617		<1	0.04	<10	0.02	73	1	0.01	3	150	3	0.02	<2	<1	4	<20
K294618		<1	0.10	10	0.03	103	14	0.01	34	1150	12	0.01	2	3	27	<20
K294619		1	0.08	10	0.01	75	9	0.01	12	930	145	0.02	2	3	40	<20
K294620		1	0.06	10	0.02	528	7	0.01	12	680	5	0.01	<2	1	17	<20
K294621		1	0.23	10	0.14	161	7	0.02	41	1980	8	0.01	<2	3	15	<20
K294622		<1	0.02	10	0.02	37	1	0.01	2	80	<2	0.02	<2	<1	2	<20
K294623		<1	0.15	10	0.05	74	<1	0.04	3	130	7	0.01	<2	<1	4	<20
K294624		<1	0.05	<10	0.03	133	6	0.02	7	160	7	0.01	<2	1	3	<20
K294625		<1	0.01	<10	<0.01	258	2	0.01	7	300	2	0.04	6	2	4	<20
K294626		<1	0.05	10	0.01	841	6	0.01	22	890	11	0.07	5	3	7	<20
K294627		1	0.01	<10	<0.01	35	10	0.01	9	460	29	0.01	2	<1	34	<20
K294628		<1	0.01	<10	<0.01	56	12	0.01	2	370	18	0.01	2	<1	47	<20
K294629		<1	0.03	10	<0.01	66	11	0.01	1	320	86	0.02	<2	<1	48	<20
K294630		<1	0.88	10	0.50	540	<1	0.05	7	200	2	0.05	<2	6	3	<20
K294631		<1	0.11	10	0.01	30	4	0.01	2	1000	10	0.09	4	1	17	<20

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

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

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

Finalized Date: 13-JAN-2022
Account: F

Project: Eureka

CERTIFICATE OF ANALYSIS WH21255985

Sample Description	Method / Analyte / Units / LOD	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	Au-ICP21 Au ppm 0.001
B687758		0.01	<10	<10	10	30	43	1.335
K294601		<0.01	<10	<10	1	<10	3	0.055
K294602		0.04	<10	<10	23	<10	52	0.457
K294603		<0.01	<10	<10	13	<10	39	2.20
K294604		0.01	<10	<10	8	<10	51	2.43
K294605		0.01	<10	<10	15	<10	65	0.025
K294606		<0.01	<10	<10	1	<10	2	0.026
K294607		<0.01	<10	<10	3	<10	7	0.018
K294608		<0.01	<10	<10	34	<10	38	<0.001
K294609		<0.01	<10	<10	19	<10	49	0.099
K294610		<0.01	<10	<10	13	<10	10	0.001
K294611		0.01	<10	<10	13	<10	14	0.234
K294612		<0.01	<10	<10	21	<10	64	0.083
K294613		0.04	<10	<10	18	<10	16	<0.001
K294614		0.01	<10	<10	14	<10	45	0.064
K294615		0.01	<10	<10	13	<10	31	0.162
K294616		0.04	<10	<10	7	<10	22	<0.001
K294617		0.01	<10	<10	6	<10	14	0.002
K294618		<0.01	<10	<10	40	<10	80	1.040
K294619		<0.01	<10	<10	22	<10	49	0.657
K294620		0.01	<10	<10	19	<10	31	0.132
K294621		0.04	<10	<10	36	<10	109	0.047
K294622		<0.01	<10	<10	2	<10	2	<0.001
K294623		0.01	<10	<10	3	<10	10	<0.001
K294624		<0.01	<10	<10	3	<10	12	0.058
K294625		<0.01	<10	<10	15	<10	22	<0.001
K294626		<0.01	<10	<10	31	<10	78	<0.001
K294627		<0.01	<10	<10	5	<10	37	0.037
K294628		<0.01	<10	<10	13	<10	19	0.057
K294629		<0.01	<10	<10	11	<10	13	0.028
K294630		0.12	<10	<10	20	<10	51	<0.001
K294631		<0.01	<10	<10	38	<10	8	0.011

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

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Project: Eureka

CERTIFICATE OF ANALYSIS WH21255985

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

Applies to Method:				
	CRU-31	CRU-QC	LOG-21	PUL-31
	PUL-QC	SPL-21	WEI-21	

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
	Au-ICP21	ME-ICP41