YMEP 2023-037 REPORT

describing

MECHANIZED TRENCHING, HAND PITTING, AND ROCK GEOCHEMICAL SAMPLING

Field work performed July 12 to 22, 2023

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, M.Sc., GIT
January 2024

CONTENTS

APPENDICES

FIGURES

TABLES

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 Newmont'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 mechanized trenching, hand pitting, and rock geochemical sampling conducted between July 12 and 22, 2023 by Archer, Cathro & Associates (1981) Limited on behalf of Trifecta Gold. The author did not participate in the program but interpreted all resulting data from this work. The author's Statement of Qualifications is in Appendix I and a YMEP 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 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, 2036
57-60	YC13701-YC13704	February 15, 2036
73-84	YC13717-YC13728	February 15, 2036
97-112	YC13741-YC13756	February 15, 2036
121-182	YC13765-YC13826	February 15, 2036
189-202	YC13833-YC13846	February 15, 2036
203-258	YD07463-YD07518	February 15, 2035
259-270	YD07909-YD07920	February 15, 2036
273-276	YD07923-YD07926	February 15, 2034
277-354	YD07927-YD08004	February 15, 2034
370-380	YD08020-YD08030	February 15, 2035
390-411	YD08040-YD08061	February 15, 2035

* Expiry dates do not include 2023 work which 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

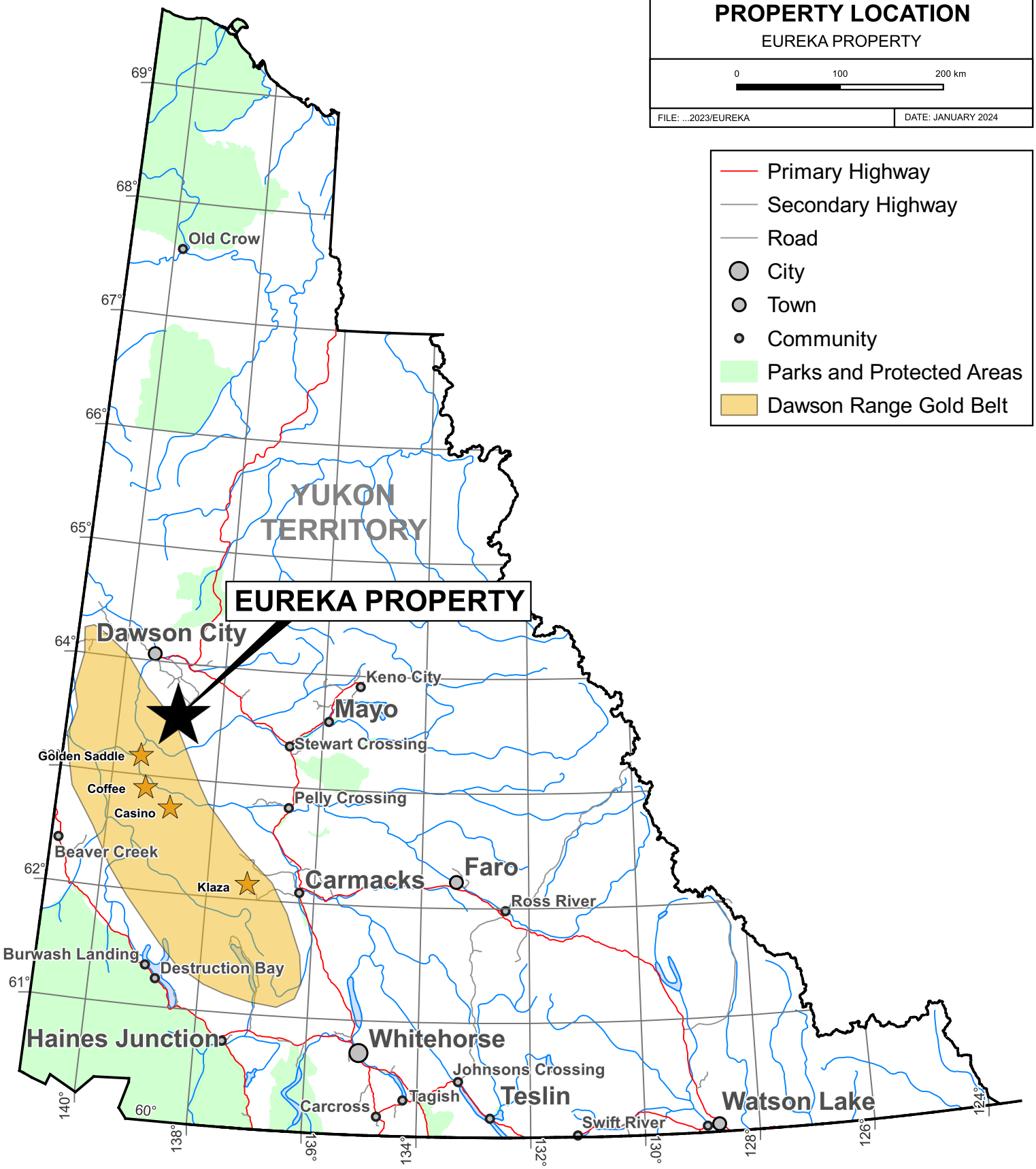
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY LOCATION

EUREKA PROPERTY

0 100 200 km

FILE: ...2023/EUREKA | DATE: JANUARY 2024



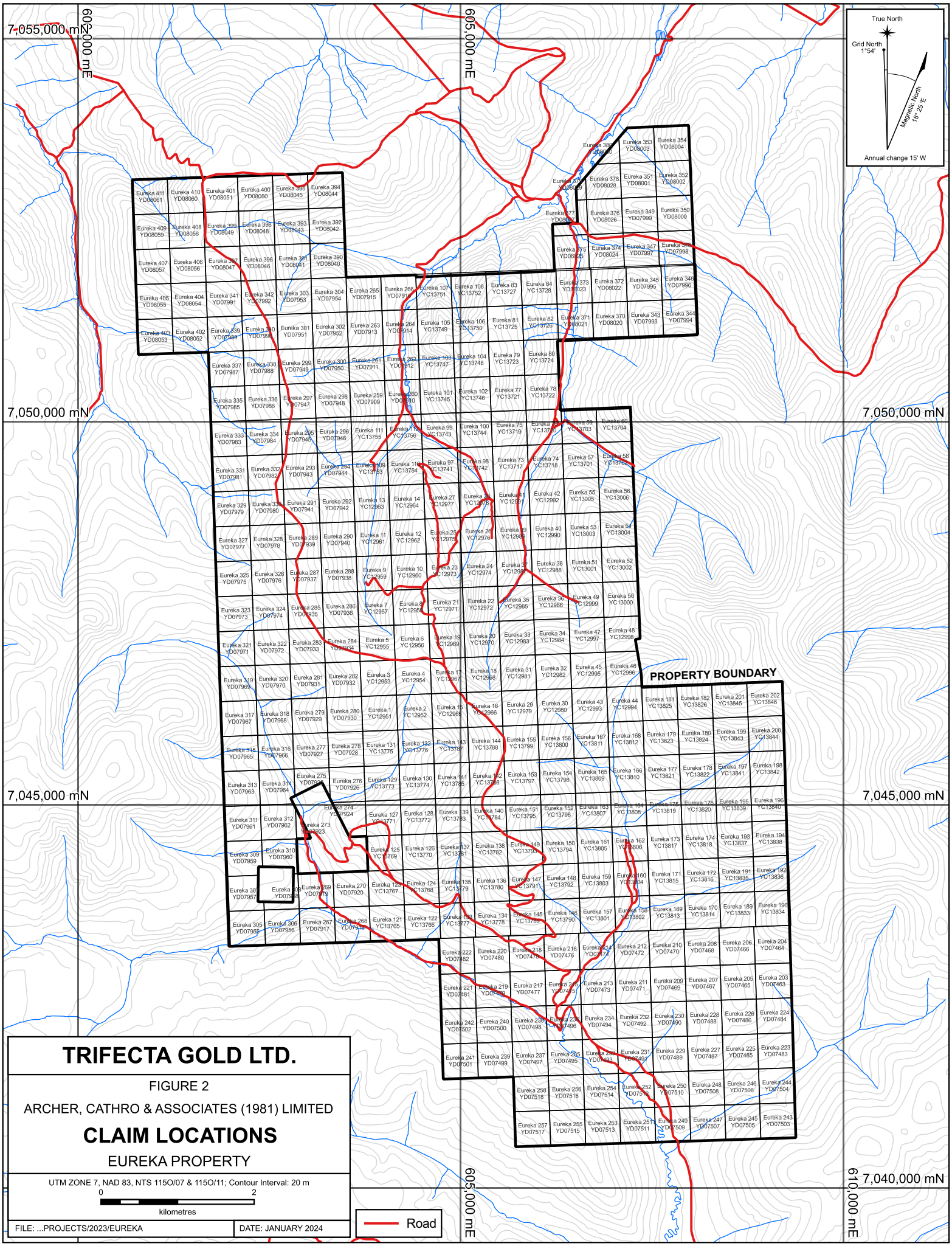


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FIGURE 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATIONS

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 2

kilometres

FILE: ...PROJECTS/2023/EUREKA

DATE: JANUARY 2024

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 property lies wholly within the traditional territory of the Tr'ondëk Hwëch'in and the southwestern part of the claim block overlaps with the traditional territory of the First Nation of Na-cho Nyäk Dun.

The 2023 field program was conducted from the camp at Treadstone Gold's Placer Mine on upper Eureka Creek, located north of the northern boundary of the property. The 2023 work program was conducted under Class 3 Notification LQ0564. The project received funding support from the Yukon Mineral Exploration Program in 2023 (2023-037).

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 January 2024 is 118,248 and 115,658 ounces of gold, respectively (YGS, 2024).

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

True North
Grid North 1°54'
Magnetic North 16° 25' E
Annual change 15' W

604,000 mE
608,000 mE
7,052,000 mN
7,048,000 mN
7,044,000 mN
7,040,000 mN

Eureka Creek
Fork
Fork
Right
Left
Happy Showing
Allan Showing
Wealth Showing
Eastern Showing
Black
Childs Showing
Gulch
Ball Showing
Hills
Childs
Creek

- Showing
- 2002 RC drill hole
- 2006 RC drill hole
- 2010 RC drill hole
- 2011 diamond drill hole
- Excavator trench (2006, 2009)
- CanDig trench (2021)
- Trail

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FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

HISTORICAL WORKINGS

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 2
kilometres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024

study concluded that the bedrock sources for the placer gold lie within the Eureka Creek and Childs Gulch drainages.

In 1999, Nordac Resources Ltd. (now Strategic Metals) staked 72 Eureka claims and several adjoining Armenius claims 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. (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, 2.44 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).

In 2021, Trifecta Gold completed property wide geological mapping, prospecting and shallow excavator trenching that expanded on previous prospecting and soil sampling surveys. A total of 112 rock samples were collected on the property from trenches, outcrop, and hand pits. The best rock sample was collected from a hand pit located approximately 760 m southeast of the Childs Showing that returned 2.43 g/t gold. The most significant trenching results were obtained from trenches located approximately 365 m northwest and 750 m southeast of the Childs Showing. Trench 21ETR002 exposed a northwesterly-trending white to dark grey quartz vein and strongly silicified zone with vuggy quartz and minor disseminated oxidized pyrite that returned 1.65 g/t gold over 1.5 m. Trench 21ETR004 exposed a zone of quartz veins, silicified biotite schist, and minor goethite-limonite coated breccia with minor pyrite-arsenopyrite±scorodite that returned 1.34 g/t gold over 2 m. Geological mapping and interpretation of publicly available LiDAR identified several strong north- and northwest-trending linear features that host known showings and numerous highlight rock samples (Friend, 2022).

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 Creek 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). The Yukon Geological Survey maintains a website illustrating regional geology based on mapping done by the Geological Survey of Canada and YGS, recent thesis work and a comprehensive compilation done by Gordey and Makepeace in 2003. This interactive map is periodically updated when new information becomes available (YGS, 2023).

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.

Table I – Regional Lithological Units (*after Yukon Geological Survey, 2023*)

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.

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FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

TECTONIC SETTING

EUREKA PROPERTY

0 100 200 300 km

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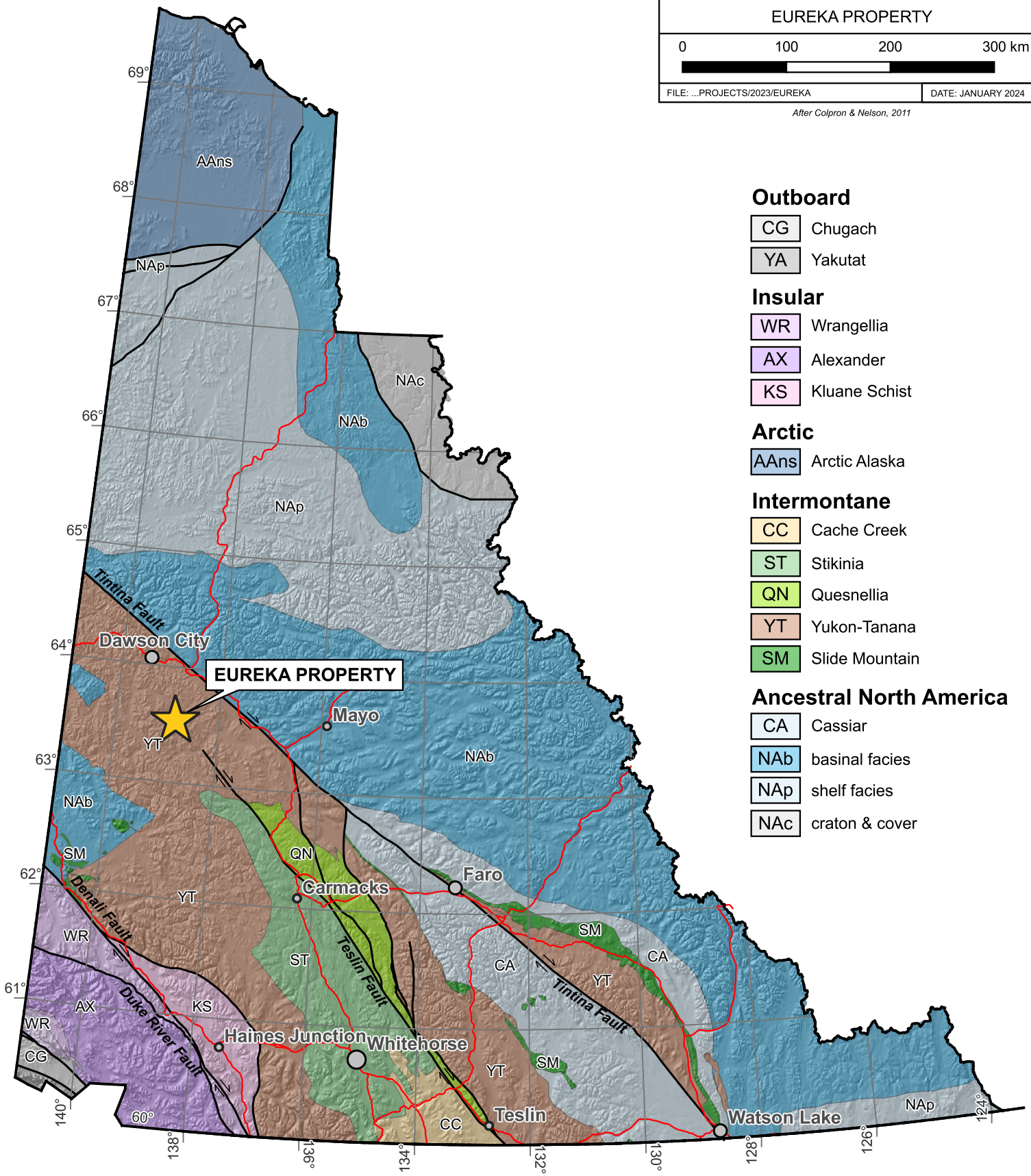
After Colpron & Nelson, 2011



Outboard

- CG — Chugach
- YA — Yakutat

Insular

- WR — Wrangellia
- AX — Alexander
- KS — Kluane Schist

Arctic

- AAns — 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

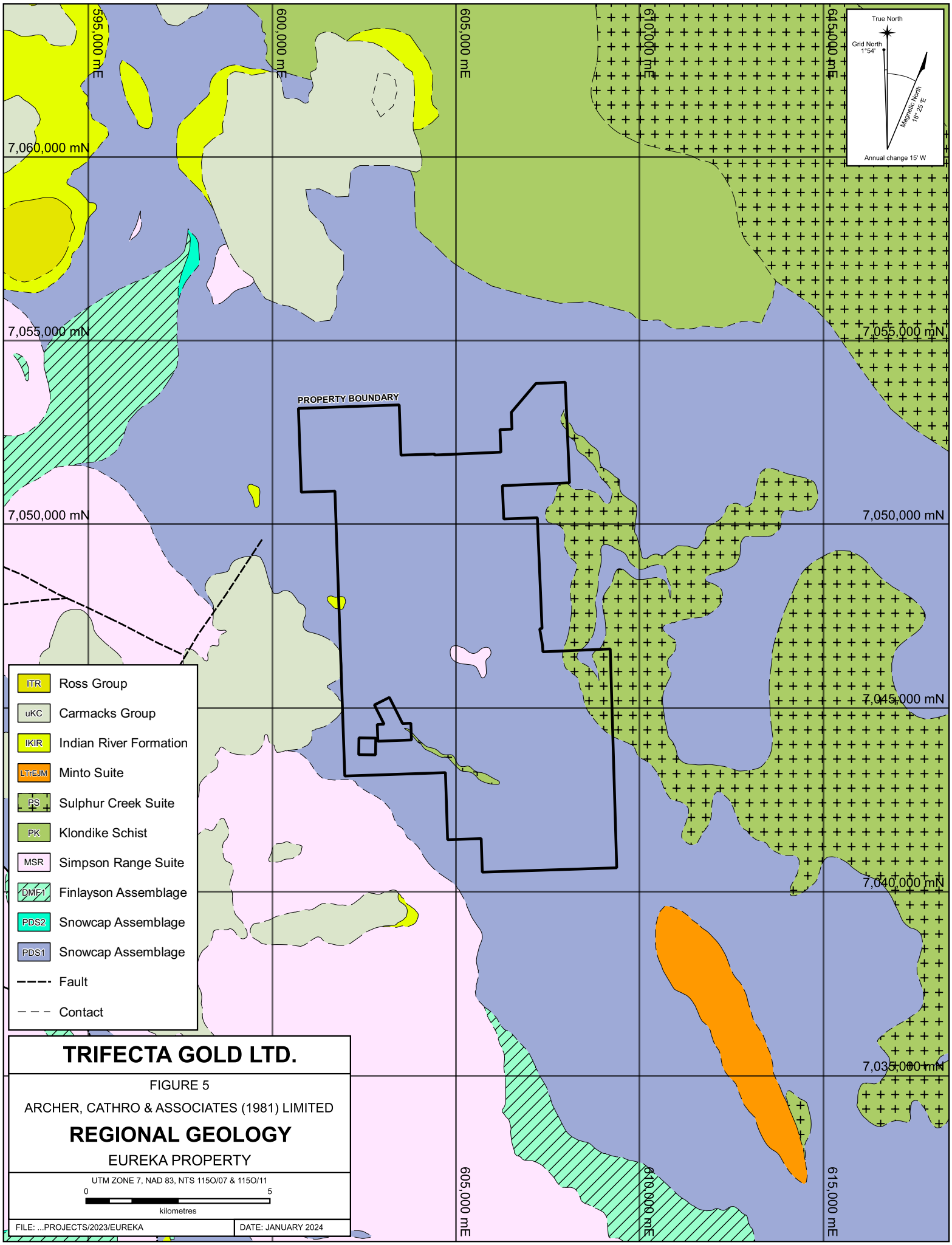


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FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11

0 5

kilometres

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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

In 2021, Trifecta Gold conducted property-scale geological mapping at 1:10000, which remains the most comprehensive geological mapping undertaken on the property to date. The following geological descriptions are based on this work. Figure 6 illustrates the 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.

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 was observed in the quartzite west of the Wealth Showing in 2021 and was noted elsewhere on the property by Diment (2002). Stretching lineations observed 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.

Meta-granitoids of the mid- to Late-Permian Sulphur Creek Suite, 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 publicly available, regional-scale geological and geophysical data from western Yukon and eastern Alaska. According to Sanchez et al. (2012), deformation

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FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY

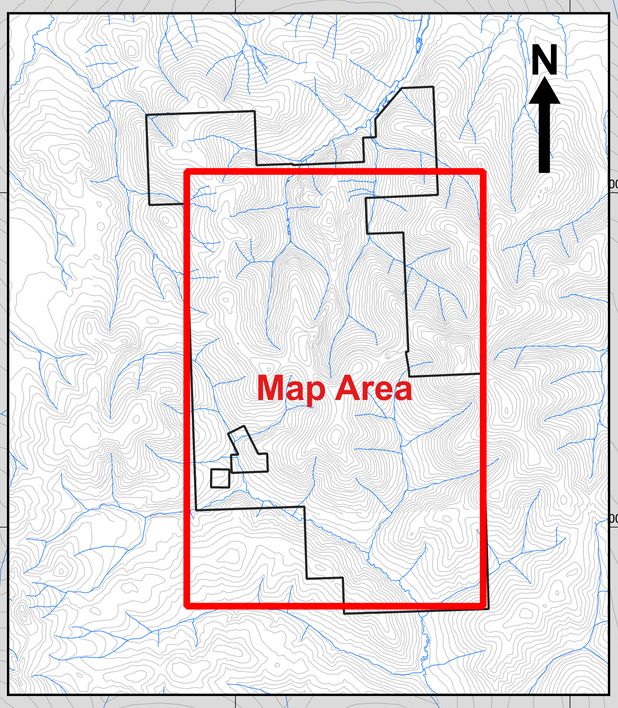
EUREKA PROPERTY

1:10,000 SCALE

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/10; Contour interval: 20 m

0 1 kilometres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024



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

HAPPY SHOWING

ALLEN SHOWING

WEALTH SHOWING

EASTERN SHOWING

CHILDS SHOWING

BALL SHOWING

PROPERTY BOUNDARY

PROPERTY BOUNDARY

A

A'

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 quartz-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
- Limit of mapping
- Road

180
Looking 090

A

A′

1000
960
920
880
840
800
760

metres above m.s.l.

m.s.l. = mean sea level

5x vertical exaggeration

TRIFECTA GOLD LTD.

FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CROSS SECTION A-A’

EUREKA PROPERTY

1:10000 SCALE

0 — 1000

metres

FILE: ...PROJECTS/2023/EUREKA	DATE: JANUARY 2024

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

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 six named showings: Happy, Allen, Wealth, Eastern, 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 **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 **Wealth Showing** occurs 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 **Eastern Showing** is located 2.1 km southeast of the Wealth Showing on the western edge of a 500 by 300 m gold- and lead-in-soil enriched area (Anomaly G). The showing comprises gold-bearing quartz breccia zones coincident with northwest-trending linears inferred from LiDAR. Composite samples collected over a 5 m area and a hand pit dug at an anomalous gold-in-soil site returned 0.631 g/t and 2.37 g/t gold, respectively. Two trenches excavated in 2009 exposed one of these strongly oxidized brecciated zones and returned 0.48 g/t gold over 8 m (Smith, 2009).

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 2023, 58 rock samples were collected from the Eureka property for geochemical analysis: 5 chip and 16 composite samples from trenches, and 37 grab samples from trenches, outcrop, float, and hand pits. The 2023 rock sample and excavator 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 2023 samples and assay certificates of analysis are provided in Appendices III and IV, respectively.

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 36 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).

Prospecting

A float sample of brecciated quartz vein collected near the confluence of two tributaries of the right fork of Eureka Creek, approximately 800 m north-northwest of the Happy Showing, returned 14.9 g/t gold. This sample yielded the best gold response on the property in 2023. Another float sample of oxidized quartzite and quartz vein limonitic breccia collected 670 m northwest of the Wealth Showing returned 5.33 g/t gold. Approximately 40 m to the northeast, a float sample of oxidized quartz with limonitic vugs and relict pyrite crystals up to 5 cm wide returned 0.251 g/t gold. Table III below lists significant gold results from the 2023 rock samples.

Table III – Significant 2023 Rock Sample Results

Rock Type	Sample Number	Sample Type	Au (g/t)	Nearest Au-in-soil (ppb)
Quartz vein limonitic breccia	E813310	Float	14.9	111
Oxidized quartz vein and quartzite limonitic breccia	E813307	Float	5.33	17
Oxidized quartz with limonitic vugs	E813306	Float	0.251	17

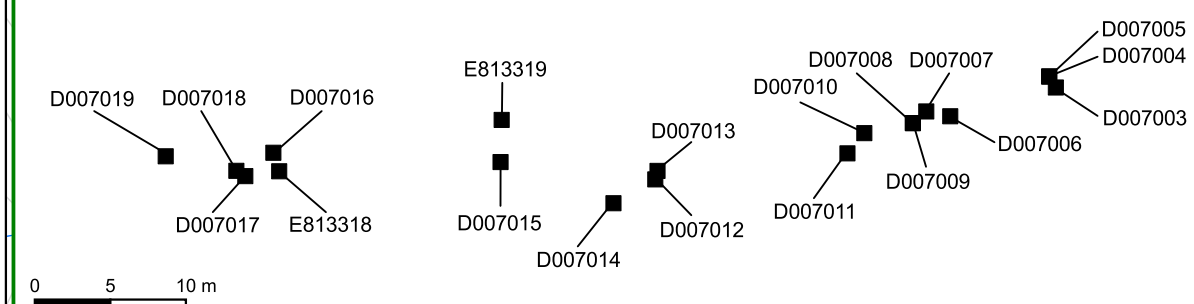
True North
Grid North 1°54'
Magnetic North 18° 25' E
Annual change 15' W

604,000 mE

E813310
E813311
E813320
E813321
E813322
E813323
E813324
E813325
E813331
E813330
E813317
E813316
HAPPY SHOWING
ALLEN SHOWING
E813309
E813314
E813315
7,048,000 mN
E813329
E813328
E813313
E813308
E813304
E813303
E813302
E813305
E813306
E813307
E813301
WEALTH SHOWING
EASTERN SHOWING

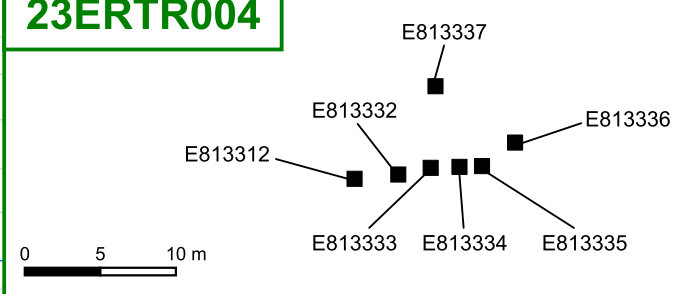
MAP AREA

23ERTR003



7,046,000 mN
D007002
D007001
D007020
D007021

23ERTR004



CHILDS SHOWING
E813327
E813326

606,000 mE

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FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

2023 ROCK SAMPLE LOCATIONS

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 1 kilometres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024

2023 Trench

602,000 mE
604,000 mE
606,000 mE
608,000 mE
7,054,000 mN
7,052,000 mN
7,050,000 mN
7,048,000 mN
7,046,000 mN
7,044,000 mN
7,042,000 mN
7,040,000 mN

True North
Grid North 1°54'
Magnetic North 16° 25' E
Annual change 15' W

14.9 g/t Au
HAPPY SHOWING
ALLEN SHOWING
5.33 g/t Au
WEALTH SHOWING
2.37 g/t Au
EASTERN SHOWING
PROPERTY BOUNDARY
CHILDS SHOWING
2.2 g/t Au
2.43 g/t Au
BALL SHOWING

A
B
C
D
E
F
G
H
I
J

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FIGURE 9

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD ROCK GEOCHEMISTRY

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 2
kilometres

FILE: ...PROJECTS/2023/EUREKA

DATE: JANUARY 2024

Gold-in-rock (g/t) 2015-2023	Gold-in-rock (g/t) 2006-2009	Gold-in-rock (g/t) Historical
0.3 - 14.9	0.3 - 2.22	0.3 - 15
0.2 - 0.3	0.2 - 0.3	0.2 - 0.3
0.1 - 0.2	0.1 - 0.2	0.1 - 0.2
0.05 - 0.1	0.05 - 0.1	0.05 - 0.1
0 - 0.05	0 - 0.05	0 - 0.05

Showing
Soil Anomaly
LiDAR linear
Thrust fault, inferred
Fault, inferred
Road

TRENCHING

In 2023, a total of 2 excavator trenches were dug in the central part of the property, north and south of the Child's Showing, using a Komatsu PC45MR-5 excavator. Excavator trenching was conducted across areas of coincidental anomalous gold-in-soil sites and interpreted LiDAR linears where outcrop or shallow bedrock was likely to be found. Trench locations were limited to within 100 m of the road. A total of 21 samples were collected from the 2 trenches. Cross sections illustrating the geology and sample numbers for 23ETR003 to 23ETR004 are shown in Figures 10 and 11. Each trench was sampled across exposed bedrock where quartz veining, breccia zones, mineralization, oxidation, or alteration were identified. Results from this sampling are described in the following paragraph. Trench samples were processed using the same preparation and analytical techniques described above for the rock samples.

The most significant trenching results were obtained approximately 355 m southeast of the Childs Showing at the southern extent of Anomaly B. A composite sample of strongly oxidized quartz-biotite-muscovite schist with brecciated quartz veins and limonitic matrix collected from a hand pit dug at the site of 23ERTR004 returned 1.84 g/t gold. Trench 23ERTR004 exposed a zone of orange limonitic clay with oxidized vuggy quartz vein fragments that returned 0.625 g/t gold over 1.0 m. A 1.0 m sample of wall rock adjacent to this zone comprised of oxidized, locally brecciated silicified quartz-biotite-muscovite schist returned 0.186 g/t gold. A grab sample collected from material removed from the trench proximal to a 1.5 m wide zone with limonitic clay and oxidized quartz vein fragments returned 0.322 g/t gold. Table IV below presents significant gold results from the 2023 trench samples and Table V presents a compilation of significant gold results from all rock samples collected on the property to date.

Table IV – Significant 2023 Trench Sample Results

Trench ID	Sample Number	Sample Type	Au (g/t)	Sample Length (m)
23ERTR004	E813312	Composite	1.84	--
23ERTR004	E813332	Chip	0.625	1.0
23ERTR004	E813337	Grab	0.322	--
23ERTR003	E813318	Grab	0.234	--

Table V – Significant Rock Sample Results – Historical to 2023

Showing (Location)	Type	Year	Sample Type	Au (g/t)	Sample Length (m)
Happy	DDH – EU11-029	2011	Drill - core	9.99	1.5
	Trench - TR-09-07	2006	Chip	0.32	12.1
(NNW of Happy)	Rock	**2023**	Float	**14.9**	--
Allen	Rock	1999	Float	**15.0**	--
	Trench	1999	Float	0.44	4.0
	Rock	2021	Float	0.348	--
Wealth	RC - 06ER-05	2006	Drill - chip	0.592	18.3

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FIGURE 10

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

23ETR003

EUREKA PROPERTY

1:200 SCALE

0 10

metres

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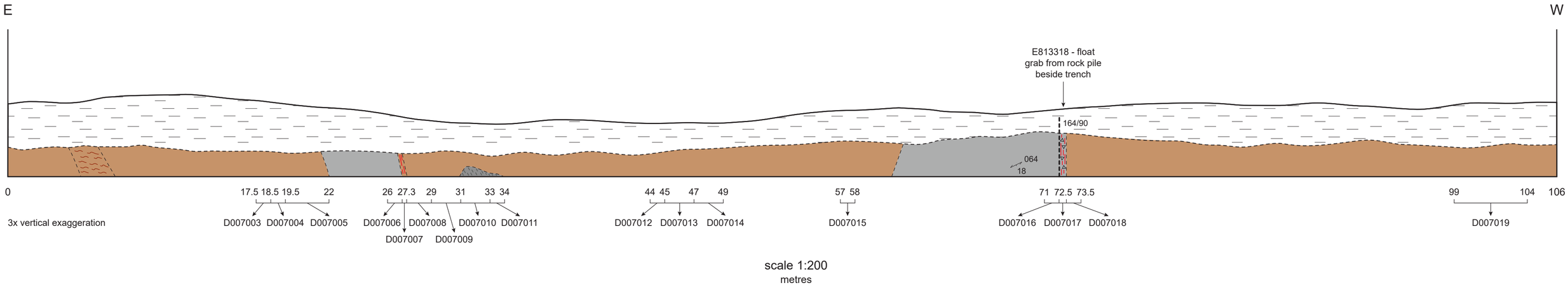
23ERTR003

275



scale 1:200

metres

Overburden

Limonite, clay, minor quartz veining

Minor brecciation with quartz infill

Strong oxidation, minor patchy pyrite

Sheared zone with gouge

Rusty to bluish grey gouge

Biotite±muscovite psammitic schist

Biotite±muscovite-quartz schist

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FIGURE 11

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

23ETR004

EUREKA PROPERTY

1:100 SCALE

0 5

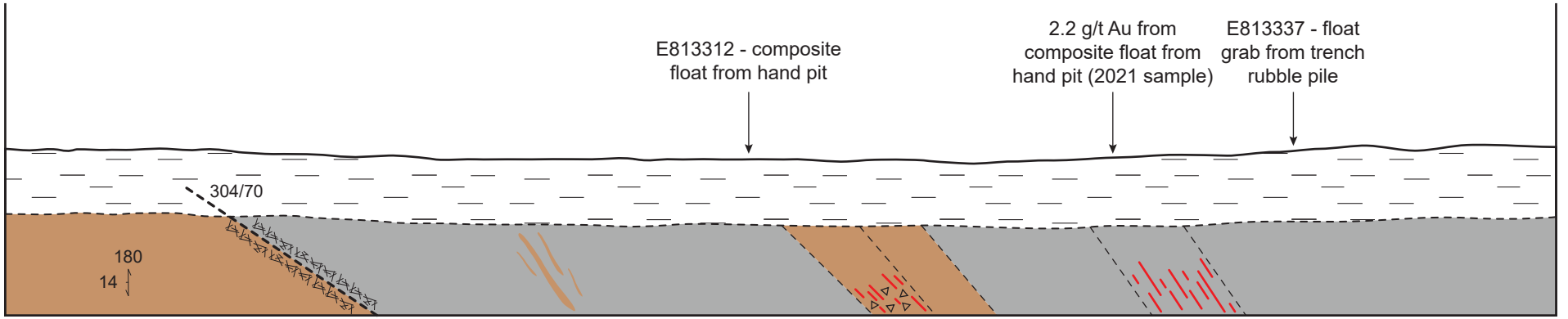
metres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024

23ERTR004

090

E W



No vertical exaggeration

scale 1:100

metres

- Overburden
- Limonite, clay, minor quartz veining
- Minor brecciation with quartz infill
- Intense fracturing, brittle deformation
- Biotite±muscovite psammitic schist
- Biotite±muscovite-quartz schist

	RC - 06ER-03	2006	Drill - chip	1.38	3.05
	RC - EU-10-04	2010	Drill - chip	2.44	1.53
	RC - EU-10-02	2010	Drill - chip	1.93	1.52
	Trench - TR-06-01	2006	Chip	0.54	20.0
	Trench - TR-06-02	2006	Chip	0.75	10.0
	Trench - TR-09-01	2009	Chip	0.97	17.9
	including			2.46	3.0
	Trench - 21ETR001	2021	Chip	0.472	2.0
	Trench - 21ETR001	2021	Chip	0.388	1.0
	Rock	1999	Float	1.75	--
	Rock	2021	Float	1.04	--
	Rock	2021	Float	0.657	--
(NE of Wealth - LiDAR Linear)	Rock	2021	Float	0.550	--
(SE of Wealth - LiDAR Linear)	Rock	1999	Chip	0.330	8.5
(SW of Wealth)	Trench - 21ETR001	2021	Chip	0.472	2.0
	Trench - 21ETR001	2021	Chip	0.388	1.0
(West of Wealth)	Rock	**2023**	Float	5.33	--
	Rock	**2023**	Float	0.251	--
Eastern	Trench - TR-09-14	2009	Chip	0.48	8.0
	Rock	2021	Float	2.37	--
	Rock	2009	Float	0.631	--
Childs	RC - EU-10-26	2010	Drill – chip	6.62	1.52
	RC - EU-10-23	2010	Drill – chip	1.19	1.52
	Trench - TR-06-04	2006	Chip	0.722	4.0
	Trench - TR-06-05	2006	Chip	0.481	5.5
(SE of Childs - LiDAR Linear)	Rock	2021	Float	2.43	--
	Trench - 21ETR004	2021	Chip	1.34	2.0
	Trench - 21ETR003	2021	Grab	0.873	--
	Trench - 21ETR003	2021	Chip	0.668	1.0
	Rock	2021	Float	0.457	--
(South of Childs)	Rock	2021	Float	2.20	--
	Trench - 23ERTR004	**2023**	Float	1.84	--
	Trench - 23ERTR004	**2023**	Chip	0.625	1.0
(North of Childs)	Rock	2000	Float	3.97	--
	Trench - 21ETR002	2021	Chip	1.65	1.5
Ball	Rock	--	Chip	9.8	0.60
(North of Ball - Child's Gulch)	Rock	2015	Grab	0.905	--
	Rock	2015	Grab	0.701	--
	Rock	2015	Grab	0.498	--

SOIL GEOCHEMISTRY

No soil sampling occurred in 2023; 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 12 to 18, 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 VI.

Table VI – 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.

602,000 mE
604,000 mE
606,000 mE
608,000 mE
7,054,000 mN
7,052,000 mN
7,050,000 mN
7,048,000 mN
7,046,000 mN
7,044,000 mN
7,042,000 mN

True North
Grid North 1°54'
Magnetic North 16° 25' E
Annual change 15' W

A
B
C
D
E
F
G
H
I
J

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

Au-in-soil (ppb)
- 100 - 762
- 50 - 100
- 20 - 50
- 10 - 20
- 5 - 10
- 0 - 5
- Showing
- Soil Anomaly
- LiDAR linear
- Thrust fault, inferred
- Fault, inferred
- Road

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FIGURE 12

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 2
kilometres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024

602,000 mE
604,000 mE
606,000 mE
608,000 mE
7,054,000 mN
7,052,000 mN
7,050,000 mN
7,048,000 mN
7,046,000 mN
7,044,000 mN
7,042,000 mN

True North
Grid North 1°54'
Magnetic North 16° 25' E
Annual change 15' W

A
B
C
D
E
F
G
H
I
J

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

As-in-soil (ppm)
- 200 - 809
- 100 - 200
- 50 - 100
- 20 - 50
- 10 - 20
- 0 - 10
- Showing
- Soil Anomaly
- LiDAR linear
- Thrust fault, inferred
- Fault, inferred
- Road

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FIGURE 13

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ARSENIC SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 2
kilometres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024

602,000 mE
604,000 mE
606,000 mE
608,000 mE
7,054,000 mN
7,052,000 mN
7,050,000 mN
7,048,000 mN
7,046,000 mN
7,044,000 mN
7,042,000 mN

True North
Grid North 1°54'
Magnetic North 16° 25' E
Annual change 15' W

A
B
C
D
E
F
G
H
I
J

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

Sb-in-soil (ppm)
- 20 - 1780
- 10 - 20
- 5 - 10
- 2 - 5
- 1 - 2
- Showing
- Soil Anomaly
- LiDAR linear
- Thrust fault, inferred
- Fault, inferred
- Road

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FIGURE 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

ANTIMONY SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 2
kilometres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024

602,000 mE
604,000 mE
606,000 mE
608,000 mE
7,054,000 mN
7,052,000 mN
7,050,000 mN
7,048,000 mN
7,046,000 mN
7,044,000 mN
7,042,000 mN

True North
Grid North 1°54'
Magnetic North 16° 25' E
Annual change 15' W

A
B
C
D
E
F
G
H
I
J

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

Pb-in-soil (ppm)
- 200 - 394
- 100 - 200
- 50 - 100
- 20 - 50
- 10 - 20
- 0 - 10
- Showing
- Soil Anomaly
- LiDAR linear
- Thrust fault, inferred
- Fault, inferred
- Road

TRIFECTA GOLD LTD.

FIGURE 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LEAD SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 2
kilometres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024

602,000 mE
604,000 mE
606,000 mE
608,000 mE
7,054,000 mN
7,052,000 mN
7,050,000 mN
7,048,000 mN
7,046,000 mN
7,044,000 mN
7,042,000 mN

True North
Grid North 1°54'
Magnetic North 16° 25' E
Annual change 15' W

A
B
C
D
E
F
G
H
I
J

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

Cu-in-soil (ppm)
- 500 - 736
- 200 - 500
- 100 - 200
- 50 - 100
- 20 - 50
- 0 - 20
- Showing
- Soil Anomaly
- LiDAR linear
- Thrust fault, inferred
- Fault, inferred
- Road

TRIFECTA GOLD LTD.

FIGURE 16

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

COPPER SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 2
kilometres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024

602,000 mE
604,000 mE
606,000 mE
608,000 mE
7,054,000 mN
7,052,000 mN
7,050,000 mN
7,048,000 mN
7,046,000 mN
7,044,000 mN
7,042,000 mN

True North
Grid North 1°54'
Magnetic North 16° 25' E
Annual change 15' W

A
B
C
D
E
F
G
H
I
J

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

Ni-in-soil (ppm)
- 500 - 681
- 200 - 500
- 100 - 200
- 50 - 100
- 20 - 50
- 0 - 20
- Showing
- Soil Anomaly
- LiDAR linear
- Thrust fault, inferred
- Fault, inferred
- Road

TRIFECTA GOLD LTD.

FIGURE 17

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

NICKEL SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 2 kilometres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024

602,000 mE
604,000 mE
606,000 mE
608,000 mE
7,054,000 mN
7,052,000 mN
7,050,000 mN
7,048,000 mN
7,046,000 mN
7,044,000 mN
7,042,000 mN

True North
Grid North 1°54'
Magnetic North 16° 25' E
Annual change 15' W

A
B
C
D
E
F
G
H
I
J

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

Mo-in-soil (ppm)
- 5 - 9
- 3 - 5
- 2 - 3
- 1 - 2
- 0 - 1
- Showing
- Soil Anomaly
- LiDAR linear
- Thrust fault, inferred
- Fault, inferred
- Road

TRIFECTA GOLD LTD.

FIGURE 18

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

MOLYBDENUM SOIL GEOCHEMISTRY

EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 2

kilometres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024

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

The Eureka property is underlain 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 granitic 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 geological setting and 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 likely 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 (Arseneau and Hamilton, 2020) as well as White Gold's Vertigo target, which is located approximately 21 km southwest of the Eureka property. 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).

Newmont's Coffee deposit has also been interpreted as an orogenic gold-only deposit emplaced at a paleodepth of 5-6 km within Paleozoic metamorphic rocks and mid- to Late Cretaceous granite of the Yukon Tanana Terrane. However, recent work at Coffee integrates new geological mapping, thermochronology and exhumation history data to propose a revised model in which mineralization is interpreted to have formed at ca. 75 Ma at a paleodepth of < 2-3 km, suggesting reclassification of the deposit type may be necessary (Brubacher et al., 2023).

The Eureka property covers the headwaters of Eureka and Black Hills creeks, two prolific placer-bearing creeks which have produced more than 233,906 ounces of gold combined since 1978 (YGS, 2024). 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 19).

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 association. 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 2023 work followed up only a handful of the anomalous gold-in-soil sites.

Mechanized trenching, hand pitting and rock geochemical sampling in 2023 expanded on previous prospecting and soil sampling surveys. Geological mapping in 2021 and interpretation of publicly available LiDAR as well as soil geochemistry have identified several strong north- and northwest-trending linear features. These linears host five of the six known showings and numerous highlight rock samples collected from the property (Figure 9). Excavator trenching across areas where interpreted LiDAR linears intersect anomalous gold-in-soil sites exposed metre-scale zones hosting quartz vein and breccia fragments, limonitic clay gouge, and intense fracture networks. Prospecting followed up at the sites of anomalous gold-in-soils and returned values up to 14.9 g/t gold. The 2023 14.9 g/t gold sample was collected north of the Happy Showing near an interpreted northwest-trending linear feature. This linear feature is subparallel to another interpreted northwest-trending linear feature coincident with the 1999 15 g/t gold sample collected from the Allen Showing, located approximately 1.8 km to the southeast. Rock geochemistry indicates that there is an approximate 2.6 by 7.0 km area that returned gold values above 0.3 g/t gold (Figure 9). 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-

602,000 mE
604,000 mE
606,000 mE
608,000 mE
7,052,000 mN
7,050,000 mN
7,048,000 mN
7,046,000 mN
7,044,000 mN
7,042,000 mN
True North
Grid North 1°54'
Magnetic North 18° 25' E
Annual change 15' W
25,000 oz of gold mined from a deep bench channel with a conservative estimate of ~100,000 oz of gold remaining based on sonic drilling and geophysical resistivity lines.
~5000 oz of gold mined from pit.
~1000 oz of gold mined from pit. Shape of gold grains suggest a very proximal source. Bedrock exposed in pit includes mineralized quartz veins and altered wallrock.
HAPPY SHOWING
ALLEN SHOWING
WEALTH SHOWING
EASTERN SHOWING
CHILDS SHOWING
BALL SHOWING
PROPERTY BOUNDARY

TRIFECTA GOLD LTD.

FIGURE 19

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

RECENT PLACER PRODUCTION
EUREKA CREEK
EUREKA PROPERTY

UTM ZONE 7, NAD 83, NTS 115O/07 & 115O/11; Contour Interval: 20 m

0 2
kilometres

FILE: ...PROJECTS/2023/EUREKA | DATE: JANUARY 2024

Au-in-soil (ppb)
- 100 - 762
- 50 - 100
- 20 - 50

Showing
Road
Source of placer gold

molybdenum-lead values. Breccia zones show elevated arsenic values but generally low gold values, which may be the result of surface leaching due to the deep oxidation profile at Eureka.

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 Dawson Range and White Gold districts, 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:

1. Completion of an airborne LiDAR survey across the property to delineate linear features that intersect areas with anomalous soil and rock geochemistry and define structural zones as potential targets.

2. Systematic excavator trenching and hand pitting at targets where LiDAR linears intersect strongly anomalous soil and rock geochemistry to identify new showings.

3. Pending favourable results, RC and/or diamond drilling to test mineralized targets identified through trenching and mapping.

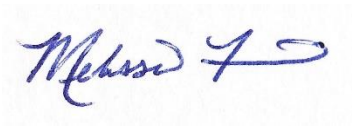
4. Mapping and prospecting of fresh placer cuts on the property.

5. Geochronological studies 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, M.Sc.

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2024 Surficial Geology Department, 2024

APPENDIX I

STATEMENT QUALIFICATIONS

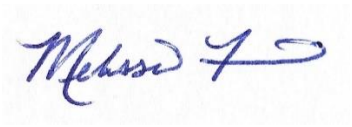
STATEMENT OF QUALIFICATIONS

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 am a graduate of the University of British Columbia with a B.Sc in Geology (2015) and M.Sc. in Geological Sciences (2022).

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

3. I have interpreted all data resulting from this work.



M. Friend, B.Sc., M.Sc.

APPENDIX II

YMEP STATEMENT OF EXPENDITURES

YMEP no: **23-037**	project name: **Eureka**		Expense Claim no:	**1**
Trifecta Gold Ltd. *Applicant name*		module:	**Target Evaluation**	
510-1100 Melville Street		phone:	**604-687-2522**	
Vancouver, BC V6E 4A6		email:	info@archercathro.com	
address		date submitted:	**31-Jan-24**	
Start/ end dates of fieldwork for this claim:	**12-Jul-23** *start*	**22-Jul-23** *end*	no of field days/ this claim:	**11**

eligible expenses	*Please refer to rate guidelines. Provide photocopy of receipts. Amounts to exclude GST*			
item		unit/days	rate	total
daily field expenses		23	$100/day	$2,300.00
Personnel (with qualifications)	*Jessie Gladish - Geologist*	11	$400.00	$4,400.00
	Kel Sac - Geologist	11	$500.00	$5,500.00
	Heather Burrell	1	$500.00	$500.00
				$0.00
				$0.00
				$0.00

equipment (rental)	private or commercial	unit/days	rate	total
Treadstone Equipment - Mini Hoe Mobilization to trenches	Commecial	4	$537.50	$2,150.00
Treadstone Equipment - Mini Hoe Mobilization to trenches	Commecial	1	$430.00	$430.00
Treadstone Equipment - Operator Hours - John	Commecial	72	$50.00	$3,600.00
Treadstone Equipment - Operator Hours Overtime	Commecial	30.75	$75.00	$2,306.25
Treadstone Equipment - Operator Hours - John	Commecial	4	$50.00	$200.00
Treadstone Equipment - Mini Hoe Rental	Commecial	94.5	$165.00	$15,592.50
Treadstone Equipment - Trailer Rental	Commecial	9	$100.00	$900.00
Truck Rental	Commecial	12	$123.60	$1,483.20
Mileage	Commecial	1704	$0.65	$1,107.60
other	*please provide details*			
ALS Mineral				$1,928.07
Fuel				$618.05
Report Writing - 5% of $43015.67				$2,150.00
			Total this claim:	$45,165.67

APPENDIX III

ROCK SAMPLE DESCRIPTIONS

Rock Sample Descriptions Property: Eureka

Sample Number:	D007001	Date Collected:	2023-07-16	UTM:	605379	mE	Nad83, Zone 7
Elevation:	0 m	Sampler:	Unknown Person	UTM:	7046100	mN	
Comments:	Road float						

Sample Number:	D007002	Date Collected:	2023-07-16	UTM:	605379	mE	Nad83, Zone 7
Elevation:	0 m	Sampler:	Unknown Person	UTM:	7046100	mN	
Comments:	Road float, qtz with large muscovite xls						

Sample Number:	D007003	Date Collected:	2023-07-15	UTM:	605530	mE	Nad83, Zone 7
Elevation:	1113 m	Sampler:	Unknown Person	UTM:	7045657	mN	
Comments:	23ERTR003 country rock sample. Schist.						

Sample Number:	D007004	Date Collected:	2023-07-15	UTM:	605529	mE	Nad83, Zone 7
Elevation:	1116 m	Sampler:	Unknown Person	UTM:	7045657	mN	
Comments:	Epidote veining? Fracture surface infill? 18.5-19.5m						

Sample Number:	D007005	Date Collected:	2023-07-15	UTM:	605529	mE	Nad83, Zone 7
Elevation:	1116 m	Sampler:	Unknown Person	UTM:	7045657	mN	
Comments:	23ERTR003 19.5-22m						

Sample Number:	D007006	Date Collected:	2023-07-15	UTM:	605523	mE	Nad83, Zone 7
Elevation:	1112 m	Sampler:	Unknown Person	UTM:	7045655	mN	
Comments:	Country rock schist						

Sample Number:	D007007	Date Collected:	2023-07-15	UTM:	605521	mE	Nad83, Zone 7
Elevation:	1112 m	Sampler:	Unknown Person	UTM:	7045655	mN	
Comments:	Vein or veinlets? 23cm across, 74cm from surface. 340 direction?						

Rock Sample Descriptions Property: Eureka

Sample Number:	D007008	Date Collected:	2023-07-15	UTM:	605520	mE	Nad83, Zone 7
Elevation:	1112 m	Sampler:	Unknown Person	UTM:	7045654	mN	
Comments:	23ERTR003 qtz augens, rusty limonitic weathering in schist?						

Sample Number:	D007009	Date Collected:	2023-07-15	UTM:	605520	mE	Nad83, Zone 7
Elevation:	1112 m	Sampler:	Unknown Person	UTM:	7045654	mN	
Comments:	23ERTR003 29-31m						

Sample Number:	D007010	Date Collected:	2023-07-15	UTM:	605517	mE	Nad83, Zone 7
Elevation:	1114 m	Sampler:	Unknown Person	UTM:	7045654	mN	
Comments:	Metre 31-33 in 23ERTR003						

Sample Number:	D007011	Date Collected:	2023-07-15	UTM:	605516	mE	Nad83, Zone 7
Elevation:	1112 m	Sampler:	Unknown Person	UTM:	7045652	mN	
Comments:	Country surrounding rock						

Sample Number:	D007012	Date Collected:	2023-07-15	UTM:	605503	mE	Nad83, Zone 7
Elevation:	1110 m	Sampler:	Unknown Person	UTM:	7045651	mN	
Comments:	Country rock						

Sample Number:	D007013	Date Collected:	2023-07-15	UTM:	605503	mE	Nad83, Zone 7
Elevation:	1112 m	Sampler:	Unknown Person	UTM:	7045651	mN	
Comments:	Subcrop multilayered in 23ERTR003						

Sample Number:	D007014	Date Collected:	2023-07-15	UTM:	605500	mE	Nad83, Zone 7
Elevation:	1108 m	Sampler:	Unknown Person	UTM:	7045649	mN	
Comments:	23ERTR003 47-49m						

Rock Sample Descriptions Property: Eureka

Sample Number:	D007015	Date Collected:	2023-07-16	UTM:	605493	mE	Nad83, Zone 7
Elevation:	1109 m	Sampler:	Unknown Person	UTM:	7045652	mN	

Comments: From 23ERTR003 at 57-58m

Sample Number:	D007016	Date Collected:	2023-07-16	UTM:	605478	mE	Nad83, Zone 7
Elevation:	1107 m	Sampler:	Unknown Person	UTM:	7045652	mN	

Comments: 71-72m chip, hanging wall of fault

Sample Number:	D007017	Date Collected:	2023-07-16	UTM:	605476	mE	Nad83, Zone 7
Elevation:	1107 m	Sampler:	Unknown Person	UTM:	7045651	mN	

Comments: 23ERTR003 at 72-72.5m chip sample at fault breccia, contact.30-40% fe ox, Minor hem nodules, trace fresh vfg disseminated pyrite, possibly arsenopyrite?

Sample Number:	D007018	Date Collected:	2023-07-16	UTM:	605475	mE	Nad83, Zone 7
Elevation:	1104 m	Sampler:	Unknown Person	UTM:	7045651	mN	

Comments: 72.5 to 73.5m in 23ERTR003 chip hanging wall rapidly back into cherry musc vfg schist

Sample Number:	D007019	Date Collected:	2023-07-16	UTM:	605471	mE	Nad83, Zone 7
Elevation:	1106 m	Sampler:	Unknown Person	UTM:	7045652	mN	

Comments: Discontinuous chip sample 5m length. Rusty schist. 99-104m of 23ERTR003. Minor qtz veins ? Or a sweat?

Sample Number:	D007020	Date Collected:	2023-07-16	UTM:	605400	mE	Nad83, Zone 7
Elevation:	1098 m	Sampler:	Unknown Person	UTM:	7045651	mN	

Comments: High grade composite over 5m over highSS . 1.5m depth. Pyrite 2% d8seminayed medium grained cubic to dodecahedrons. Qtz brecxiated rocks in schist . Iron oxide pits and cavities.

Sample Number:	D007021	Date Collected:	2023-07-16	UTM:	605401	mE	Nad83, Zone 7
Elevation:	1097 m	Sampler:	Unknown Person	UTM:	7045649	mN	

Comments: Country schist rock

Rock Sample Descriptions Property: Eureka

Sample Number:	E813301	Date Collected:	2023-07-15	UTM:	604502 mE	Nad83, Zone 7
Elevation:	1055 m	Sampler:	Unknown Person	UTM:	7047746 mN	
Comments:	Qtz float roadside w black smear unknown mineral					

Sample Number:	E813302	Date Collected:	2023-07-15	UTM:	604453 mE	Nad83, Zone 7
Elevation:	1048 m	Sampler:	Unknown Person	UTM:	7047839 mN	
Comments:	Brecciated qtz fist sized float					

Sample Number:	E813303	Date Collected:	2023-07-15	UTM:	604456 mE	Nad83, Zone 7
Elevation:	1044 m	Sampler:	Unknown Person	UTM:	7047839 mN	
Comments:	Qtz flat fist sized					

Sample Number:	E813304	Date Collected:	2023-07-15	UTM:	604276 mE	Nad83, Zone 7
Elevation:	1010 m	Sampler:	Unknown Person	UTM:	7047845 mN	
Comments:	Qtz veinlets schisty texture limonitic fracture infill					

Sample Number:	E813305	Date Collected:	2023-07-15	UTM:	604098 mE	Nad83, Zone 7
Elevation:	959 m	Sampler:	Unknown Person	UTM:	7047773 mN	
Comments:	Road float. Fist sized dark breccia ish rock. Has oily color, dark and sulphide is looking. Bornite peacock colors but maybe fresh goethite?					

Sample Number:	E813306	Date Collected:	2023-07-15	UTM:	604073 mE	Nad83, Zone 7
Elevation:	952 m	Sampler:	Unknown Person	UTM:	7047751 mN	
Comments:	Large basketball sizedqtz boulder with large. 5cm tarnished pyrite xls. Iron oxidation.massiveqtz with vugs and limonitic cavities infilled.					

Sample Number:	E813307	Date Collected:	2023-07-15	UTM:	604036 mE	Nad83, Zone 7
Elevation:	925 m	Sampler:	Unknown Person	UTM:	7047734 mN	
Comments:	Road sample float. Qtz boulder with brecciation and limonitic alteration patches and cavities.					

Rock Sample Descriptions Property: Eureka

Sample Number:	E813308	Date Collected:	2023-07-15	UTM:	603952	mE	Nad83, Zone 7
Elevation:	911 m	Sampler:	Unknown Person	UTM:	7047849	mN	
Comments:	Road float						

Sample Number:	E813309	Date Collected:	2023-07-15	UTM:	603971	mE	Nad83, Zone 7
Elevation:	856 m	Sampler:	Unknown Person	UTM:	7048412	mN	
Comments:	Large boulder in the moss. Subcrop?						

Sample Number:	E813310	Date Collected:	2023-07-15	UTM:	604356	mE	Nad83, Zone 7
Elevation:	693 m	Sampler:	Unknown Person	UTM:	7049990	mN	
Comments:	Qtz vuggy withoxidized and black pits, in stream but havent gone far.						

Sample Number:	E813311	Date Collected:	2023-07-15	UTM:	604250	mE	Nad83, Zone 7
Elevation:	0 m	Sampler:	Unknown Person	UTM:	7049757	mN	
Comments:	Near start of 23ERTR001						

Sample Number:	E813312	Date Collected:	2023-07-16	UTM:	605496	mE	Nad83, Zone 7
Elevation:	1121 m	Sampler:	Unknown Person	UTM:	7044642	mN	
Comments:	Handpit second sample, deeper than last one. Muscovite schist with quartz veining. Limonitic or fe ox weathering. Folding textures. Shiny black grayish sheen. Sulphides still present.						

Sample Number:	E813313	Date Collected:	2023-07-16	UTM:	604489	mE	Nad83, Zone 7
Elevation:	1026 m	Sampler:	Unknown Person	UTM:	7047986	mN	
Comments:	Float on ridgetop, erubbly rusty pitted small pieces of maroon and red ox with limonitic wxing. No sulphides						

Sample Number:	E813314	Date Collected:	2023-07-16	UTM:	604522	mE	Nad83, Zone 7
Elevation:	1036 m	Sampler:	Unknown Person	UTM:	7048192	mN	
Comments:	Possibly subcrop. Ridgeline likely in place. Brecciated qtz? Maroon and red ox with platey pyrite colored xls in a clast like lump						

Rock Sample Descriptions Property: Eureka

Sample Number:	E813315	Date Collected:	2023-07-16	UTM:	604521	mE	Nad83, Zone 7
Elevation:	1020 m	Sampler:	Unknown Person	UTM:	7048188	mN	

Comments: Qtz float amongst brecciated qtz muscovite schist on Ridgeline. Upslo0e from happy. Pitted vuggy white and beige coloring.

Sample Number:	E813316	Date Collected:	2023-07-16	UTM:	604549	mE	Nad83, Zone 7
Elevation:	915 m	Sampler:	Unknown Person	UTM:	7049270	mN	

Comments: Near happy showing, on old trench

Sample Number:	E813317	Date Collected:	2023-07-16	UTM:	604697	mE	Nad83, Zone 7
Elevation:	841 m	Sampler:	Unknown Person	UTM:	7049351	mN	

Comments: Handpit sample at High Ss on proposed trench. 3x2x1 foot boulder

Sample Number:	E813318	Date Collected:	2023-07-17	UTM:	605478	mE	Nad83, Zone 7
Elevation:	0 m	Sampler:	Unknown Person	UTM:	7045651	mN	

Comments: Grab float from the rock pile beside 23ERTR003 around the fault zone. Quartz double fist sized boulder with green flakes (chlorite?) And beigey yellow red powdery oxidation. Some dark red shiny xls in blebs. Possibly tiny pyrite. White quartz.

Sample Number:	E813319	Date Collected:	2023-07-17	UTM:	605493	mE	Nad83, Zone 7
Elevation:	1111 m	Sampler:	Unknown Person	UTM:	7045655	mN	

Comments: 23ERTR003 rubble pile float, grab sample composite

Sample Number:	E813320	Date Collected:	2023-07-18	UTM:	604366	mE	Nad83, Zone 7
Elevation:	758 m	Sampler:	Unknown Person	UTM:	7049731	mN	

Comments: Surface float but likely subcrop. Toe of Ridgeline near high ss. Super cooked stringy black wxing and maroon ox.brecxiated

Sample Number:	E813321	Date Collected:	2023-07-18	UTM:	604354	mE	Nad83, Zone 7
Elevation:	760 m	Sampler:	Unknown Person	UTM:	7049718	mN	

Comments: Subcrop near high school on proposed 23ERTR001. Fracture planes with dark oxide, iron from biotite schist? Fractures vertical and N-S

Rock Sample Descriptions Property: Eureka

Sample Number:	E813322	Date Collected:	2023-07-18	UTM:	604347	mE	Nad83, Zone 7
Elevation:	0 m	Sampler:	Unknown Person	UTM:	7049698	mN	

Comments: Qtz veiningor augens in subcrop. Near highgold so sampled. No mineralization but some dark ox pits and vugs.

Sample Number:	E813323	Date Collected:	2023-07-18	UTM:	604350	mE	Nad83, Zone 7
Elevation:	0 m	Sampler:	Unknown Person	UTM:	7049698	mN	

Comments: High gold soil location. Brecciated cooked schist?some pyrite blebs still present. Fe ox and maroon ox on fresh surface.

Sample Number:	E813324	Date Collected:	2023-07-18	UTM:	604347	mE	Nad83, Zone 7
Elevation:	0 m	Sampler:	Unknown Person	UTM:	7049689	mN	

Comments: Composite of qtz from small hand pit upslope of highss.fractured or brecciated orange w maroon wx cavities

Sample Number:	E813325	Date Collected:	2023-07-18	UTM:	604344	mE	Nad83, Zone 7
Elevation:	0 m	Sampler:	Unknown Person	UTM:	7049691	mN	

Comments: Float boulder above high ss. Brecciated schist w large fractures and dark ox

Sample Number:	E813326	Date Collected:	2023-07-19	UTM:	605549	mE	Nad83, Zone 7
Elevation:	1159 m	Sampler:	Unknown Person	UTM:	7044937	mN	

Comments: Hand pit sample. Composite. Fe ox plus maroon ox plus greenish beige ox or weathering. Fg dark overall, some qtz. Trace pyrite?

Sample Number:	E813327	Date Collected:	2023-07-19	UTM:	605548	mE	Nad83, Zone 7
Elevation:	1162 m	Sampler:	Unknown Person	UTM:	7044937	mN	

Comments: Handpit sample, 15-30cm down from surface. Qtz with limonitic ox on fracture surface.

Sample Number:	E813328	Date Collected:	2023-07-19	UTM:	603881	mE	Nad83, Zone 7
Elevation:	888 m	Sampler:	Unknown Person	UTM:	7047946	mN	

Comments: Road cut float. Goethite, brecciated?

Rock Sample Descriptions Property: Eureka

Sample Number:	E813329	Date Collected:	2023-07-19	UTM:	603774	mE	Nad83, Zone 7
Elevation:	831 m	Sampler:	Unknown Person	UTM:	7047978	mN	
Comments:	Creek side float. Qtz breccia?						
Sample Number:	E813330	Date Collected:	2023-07-19	UTM:	604280	mE	Nad83, Zone 7
Elevation:	727 m	Sampler:	Unknown Person	UTM:	7049702	mN	
Comments:	Qtz float on 23ERTR001 line.vuggy, limonitic ox.qtz white to orange.						
Sample Number:	E813331	Date Collected:	2023-07-19	UTM:	604269	mE	Nad83, Zone 7
Elevation:	744 m	Sampler:	Unknown Person	UTM:	7049711	mN	
Comments:	Small hand pit on 23ERTR001 line. Breccia maroon and fe oxide, qtz, goethite?						
Sample Number:	E813332	Date Collected:	2023-07-20	UTM:	605499	mE	Nad83, Zone 7
Elevation:	1119 m	Sampler:	Unknown Person	UTM:	7044642	mN	
Comments:	Orange and beige clay above bedrock. Rusty quartz vein pieces or augen.						
Sample Number:	E813333	Date Collected:	2023-07-20	UTM:	605501	mE	Nad83, Zone 7
Elevation:	1118 m	Sampler:	Unknown Person	UTM:	7044642	mN	
Comments:	14-15m qtz muscovite schist, rusty, locally bt, Minor vugs						
Sample Number:	E813334	Date Collected:	2023-07-20	UTM:	605503	mE	Nad83, Zone 7
Elevation:	1118 m	Sampler:	Unknown Person	UTM:	7044643	mN	
Comments:	23ERTR004 metre 16-18.5						
Sample Number:	E813335	Date Collected:	2023-07-20	UTM:	605504	mE	Nad83, Zone 7
Elevation:	1118 m	Sampler:	Unknown Person	UTM:	7044643	mN	
Comments:	Possible qtz stringer veinlets. Trench floor subcrop. Below high gold soil ane 2.2 gt rock sample.18.5-20m						

Rock Sample Descriptions Property: Eureka

Sample Number:	E813336	Date Collected:	2023-07-20	UTM:	605506 mE	Nad83, Zone 7
Elevation:	1117 m	Sampler:	Unknown Person	UTM:	7044644 mN	

Comments: Wall rock k sample into boring schist after interesting zone. 20-21.5m

Sample Number:	E813337	Date Collected:	2023-07-20	UTM:	605501 mE	Nad83, Zone 7
Elevation:	1120 m	Sampler:	Unknown Person	UTM:	7044648 mN	

Comments: Float from trench rubble pile. Qtz withblack shiny soft mineral veinlets. Scratches to a rusty powder.yellow and red ox. Vuggy and pitted.

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: TRIFECTA GOLD LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
#510 - 1100 MELVILLE STREET
VANCOUVER BC V6E 4A6

Finalized Date: 18-AUG-2023
Account: FECTRI

CERTIFICATE WH23205977

Project: EUREKA

This report is for 58 samples of Rock submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2023.

The following have access to data associated with this certificate:

HEATHER BURRELL JACK MORTON KELSON WILLMS	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
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES

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

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

Signature:

Saa Traxler, Director, North Vancouver Operations

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Sample Description	Method	WEI-21	Ag-OG46	Au-ICP21	Au-GRA21	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	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr
	Units	kg	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.02	1	0.001	0.05	0.2	0.01	2	10	10	0.5	2	0.01	0.5	1	1
D007001		1.87		0.006		<0.2	0.33	77	10	60	<0.5	<2	0.03	<0.5	5	6
D007002		1.13		0.003		<0.2	0.19	31	<10	20	<0.5	<2	0.01	<0.5	4	7
D007003		1.22		0.002		<0.2	1.44	5	<10	100	0.7	<2	0.20	<0.5	8	33
D007004		1.92		0.003		<0.2	0.51	4	<10	30	<0.5	<2	0.21	<0.5	5	26
D007005		2.72		0.011		<0.2	0.99	25	<10	70	0.8	<2	0.11	<0.5	6	21
D007006		1.60		0.070		<0.2	0.38	44	<10	40	0.6	<2	0.03	<0.5	4	6
D007007		1.71		0.033		<0.2	0.25	32	<10	40	<0.5	<2	0.03	<0.5	2	9
D007008		2.16		0.044		<0.2	0.28	28	<10	50	0.6	<2	0.03	<0.5	4	8
D007009		2.62		0.085		0.2	0.24	19	<10	40	0.5	<2	0.01	0.5	2	8
D007010		1.95		0.017		0.2	0.31	51	10	80	<0.5	<2	0.05	0.7	12	8
D007011		1.31		0.008		<0.2	0.28	33	10	70	<0.5	<2	0.03	<0.5	3	6
D007012		1.26		0.009		<0.2	0.31	27	10	40	<0.5	<2	0.04	0.6	2	7
D007013		1.51		0.009		<0.2	0.27	41	10	40	0.5	<2	0.02	1.2	3	7
D007014		2.57		0.006		<0.2	0.22	45	10	40	<0.5	<2	0.02	0.6	2	8
D007015		0.89		0.049		0.5	0.21	118	<10	20	<0.5	<2	0.01	0.7	2	10
D007016		1.23		0.008		0.2	0.19	52	10	50	<0.5	<2	0.03	<0.5	1	10
D007017		0.87		0.028		0.4	0.22	215	<10	90	<0.5	<2	0.02	1.6	13	9
D007018		0.76		0.009		<0.2	0.21	29	<10	60	<0.5	<2	0.03	<0.5	2	7
D007019		1.28		0.005		0.2	0.61	16	<10	200	<0.5	<2	0.06	<0.5	5	8
D007020		2.01		0.040		<0.2	0.29	106	<10	70	1.2	<2	0.02	0.5	5	9
D007021		1.89		0.003		0.2	1.26	5	<10	280	0.5	<2	0.24	<0.5	7	28
E813301		0.79		<0.001		0.4	0.04	39	<10	20	<0.5	<2	<0.01	<0.5	1	14
E813302		0.43		0.015		0.8	0.22	26	<10	110	<0.5	<2	0.01	<0.5	3	6
E813303		0.42		<0.001		<0.2	0.04	<2	<10	60	<0.5	<2	0.01	<0.5	2	11
E813304		1.26		<0.001		0.4	0.16	4	<10	270	<0.5	<2	0.03	<0.5	5	18
E813305		0.49		0.002		0.3	0.18	41	<10	280	1.3	<2	0.02	0.9	8	13
E813306		1.59		0.251		3.6	0.06	3	<10	70	<0.5	<2	0.03	<0.5	2	11
E813307		1.49		5.33		75.4	0.16	67	<10	710	<0.5	<2	0.01	<0.5	3	16
E813308		1.14		0.013		1.3	0.21	3	<10	290	<0.5	<2	0.01	<0.5	7	10
E813309		0.84		0.011		0.3	0.37	87	<10	110	4.3	2	0.01	<0.5	9	41
E813310		0.76	214	>10.0	14.90	>100	0.15	173	<10	240	<0.5	<2	0.01	1.1	3	8
E813311		1.25		0.030		0.7	0.26	262	<10	100	<0.5	<2	0.01	<0.5	2	8
E813312		1.51		1.840		1.3	0.45	136	<10	60	1.1	<2	0.02	0.5	6	10
E813313		0.44		0.007		<0.2	0.48	7	<10	150	0.6	<2	0.01	<0.5	4	23
E813314		0.53		0.006		0.2	0.20	12	<10	80	<0.5	<2	0.01	<0.5	1	8
E813315		0.98		0.008		0.3	0.11	2	<10	40	<0.5	<2	0.01	<0.5	1	10
E813316		1.20		0.016		0.2	0.44	202	<10	280	1.1	<2	0.01	0.6	8	11
E813317		1.40		0.005		<0.2	0.24	260	<10	250	<0.5	<2	0.01	<0.5	2	9
E813318		2.94		0.234		<0.2	0.05	4	<10	30	<0.5	<2	<0.01	<0.5	1	18
E813319		1.53		0.011		0.2	0.31	125	10	40	0.5	<2	0.02	2.1	6	11

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

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North Vancouver BC V7H 0A7
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Project: EUREKA

Finalized Date: 18-AUG-2023
Account: FECTRI

CERTIFICATE OF ANALYSIS WH23205977

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	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S
	Units	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%
	LOD	1	0.01	10	1	0.01	10	10	0.01	5	1	0.01	1	10	2	0.01
D007001		22	8.27	<10	1	0.17	10	<10	0.02	296	1	<0.01	17	560	10	<0.01
D007002		11	1.86	<10	<1	0.07	10	<10	0.01	127	<1	<0.01	10	130	5	<0.01
D007003		18	2.56	10	<1	0.47	20	10	0.53	645	<1	0.02	27	330	6	<0.01
D007004		16	1.13	<10	<1	0.11	10	<10	0.19	153	1	0.01	12	700	3	<0.01
D007005		23	2.88	<10	<1	0.40	20	10	0.27	278	1	0.01	16	600	6	<0.01
D007006		19	1.50	<10	<1	0.20	40	<10	0.03	110	<1	<0.01	8	330	15	<0.01
D007007		9	0.94	<10	<1	0.18	20	<10	0.03	73	1	<0.01	4	300	11	0.01
D007008		22	1.98	<10	<1	0.15	20	<10	0.03	105	2	<0.01	10	530	13	0.01
D007009		19	4.02	<10	<1	0.12	10	<10	0.01	68	2	<0.01	11	710	21	<0.01
D007010		22	2.52	<10	<1	0.16	10	<10	0.04	541	2	<0.01	15	750	6	<0.01
D007011		27	2.21	<10	<1	0.20	30	<10	0.02	70	2	<0.01	10	760	13	<0.01
D007012		30	1.72	<10	<1	0.18	20	<10	0.03	65	1	<0.01	7	580	14	<0.01
D007013		30	3.71	<10	<1	0.17	20	<10	0.01	71	1	<0.01	8	1030	8	<0.01
D007014		33	1.36	<10	<1	0.16	10	<10	0.01	71	1	<0.01	4	590	6	<0.01
D007015		25	2.34	<10	1	0.08	10	<10	0.01	125	4	<0.01	9	780	11	<0.01
D007016		15	1.33	<10	<1	0.11	10	<10	0.01	81	1	<0.01	7	410	10	<0.01
D007017		69	9.44	<10	1	0.06	10	<10	0.01	704	5	<0.01	46	2160	9	<0.01
D007018		14	0.97	<10	<1	0.11	10	<10	0.01	57	1	<0.01	5	400	6	<0.01
D007019		24	1.79	<10	<1	0.17	20	<10	0.13	194	1	0.03	16	330	11	<0.01
D007020		34	4.89	<10	<1	0.11	10	<10	0.03	216	2	<0.01	27	1310	11	<0.01
D007021		29	1.92	<10	<1	0.50	20	10	0.41	205	1	0.01	26	860	8	0.02
E813301		5	0.30	<10	<1	0.01	<10	<10	<0.01	19	<1	<0.01	<1	50	<2	0.02
E813302		20	0.96	<10	<1	0.08	10	<10	0.01	124	36	<0.01	3	290	6	0.02
E813303		4	0.19	<10	<1	0.01	<10	<10	<0.01	61	<1	<0.01	<1	40	<2	0.02
E813304		28	0.49	<10	<1	<0.01	10	<10	0.01	2990	1	<0.01	12	150	2	0.02
E813305		44	4.00	<10	<1	0.01	10	<10	0.01	939	5	<0.01	38	1380	3	0.02
E813306		12	0.55	<10	<1	0.04	<10	<10	0.01	53	8	<0.01	12	240	17	0.04
E813307		157	3.62	<10	1	0.01	<10	<10	<0.01	53	426	0.01	9	570	539	0.08
E813308		26	0.48	<10	<1	0.03	10	<10	0.01	162	1	<0.01	5	200	68	0.02
E813309		46	10.05	<10	<1	0.09	10	<10	0.01	121	3	<0.01	106	1910	12	0.02
E813310		32	3.41	<10	2	0.03	<10	<10	0.01	84	6	<0.01	3	280	71	0.05
E813311		75	5.38	<10	1	0.05	10	<10	0.01	36	3	<0.01	8	900	16	0.03
E813312		71	3.21	<10	<1	0.26	30	<10	0.07	155	7	0.01	16	810	20	0.02
E813313		57	6.79	<10	<1	0.05	20	<10	0.01	113	2	<0.01	12	1520	10	0.03
E813314		11	2.35	<10	<1	0.09	10	<10	0.01	24	1	<0.01	3	890	6	0.03
E813315		5	0.59	<10	<1	0.07	10	<10	<0.01	19	1	<0.01	<1	160	6	0.03
E813316		78	11.70	<10	1	0.05	40	<10	0.01	178	4	<0.01	96	2770	15	0.02
E813317		12	1.68	<10	1	0.05	10	<10	0.01	28	1	<0.01	7	410	11	0.02
E813318		6	0.30	<10	<1	0.02	<10	<10	<0.01	24	<1	<0.01	<1	40	<2	0.02
E813319		89	5.15	<10	1	0.18	10	<10	0.01	137	5	<0.01	8	1290	9	0.04

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North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
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To: TRIFECTA GOLD LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
#510 - 1100 MELVILLE STREET
VANCOUVER BC V6E 4A6

Project: EUREKA

Finalized Date: 18-AUG-2023
Account: FECTRI

CERTIFICATE OF ANALYSIS WH23205977

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	2	1	1	20	0.01	10	10	1	10	2
D007001		2	2	33	<20	<0.01	<10	<10	9	<10	82
D007002		2	1	2	<20	<0.01	<10	<10	5	<10	38
D007003		<2	5	9	20	0.07	<10	<10	31	10	151
D007004		<2	2	5	<20	0.01	<10	<10	30	<10	52
D007005		<2	2	5	20	0.04	<10	<10	22	<10	93
D007006		<2	2	6	20	<0.01	<10	<10	7	<10	90
D007007		<2	1	3	<20	<0.01	<10	<10	7	<10	54
D007008		<2	1	4	<20	<0.01	<10	<10	8	<10	96
D007009		<2	2	9	<20	<0.01	<10	<10	11	<10	165
D007010		2	2	16	<20	<0.01	<10	<10	11	<10	91
D007011		<2	2	9	<20	<0.01	<10	<10	7	<10	59
D007012		<2	2	16	<20	<0.01	<10	<10	8	<10	49
D007013		2	1	30	<20	<0.01	<10	<10	6	<10	86
D007014		<2	1	17	<20	<0.01	<10	<10	6	<10	27
D007015		3	2	8	<20	<0.01	<10	<10	19	<10	53
D007016		2	1	24	<20	<0.01	<10	<10	9	<10	25
D007017		3	2	56	<20	<0.01	<10	<10	20	<10	166
D007018		2	1	17	<20	<0.01	<10	<10	12	<10	22
D007019		<2	3	12	<20	0.03	<10	<10	15	<10	73
D007020		3	1	5	<20	0.01	<10	<10	11	<10	131
D007021		<2	3	8	<20	0.09	<10	<10	52	<10	72
E813301		<2	<1	<1	<20	<0.01	<10	<10	2	<10	3
E813302		<2	2	3	<20	<0.01	<10	<10	13	<10	10
E813303		<2	<1	1	<20	<0.01	<10	<10	2	<10	2
E813304		<2	1	3	<20	<0.01	<10	<10	17	<10	17
E813305		5	1	2	<20	<0.01	<10	<10	12	<10	143
E813306		<2	2	10	<20	<0.01	<10	<10	3	<10	28
E813307		11	1	6	<20	<0.01	<10	<10	9	<10	59
E813308		<2	2	17	<20	<0.01	<10	<10	11	<10	11
E813309		11	7	5	<20	<0.01	<10	<10	67	<10	322
E813310		<2	1	10	<20	<0.01	<10	<10	11	<10	71
E813311		5	1	11	<20	<0.01	<10	<10	13	<10	63
E813312		<2	2	3	<20	0.01	<10	<10	24	<10	47
E813313		<2	7	8	<20	<0.01	<10	<10	85	<10	67
E813314		<2	1	5	<20	<0.01	<10	<10	27	<10	32
E813315		<2	1	4	<20	<0.01	<10	<10	8	<10	10
E813316		5	1	22	<20	<0.01	<10	<10	34	<10	352
E813317		4	1	19	<20	<0.01	<10	<10	12	<10	35
E813318		<2	<1	8	<20	<0.01	<10	<10	2	<10	4
E813319		4	2	33	<20	<0.01	<10	<10	19	<10	119

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North Vancouver BC V7H 0A7
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To: TRIFECTA GOLD LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
#510 - 1100 MELVILLE STREET
VANCOUVER BC V6E 4A6

Project: EUREKA

Finalized Date: 18-AUG-2023
Account: FECTRI

CERTIFICATE OF ANALYSIS WH23205977

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Ag-OG46 Ag ppm 1	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	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
E813320		1.80		0.003		<0.2	0.23	160	<10	180	<0.5	<2	0.01	<0.5	2	11
E813321		1.17		0.003		0.2	0.28	162	<10	130	<0.5	<2	0.01	<0.5	2	7
E813322		0.94		0.003		0.2	0.16	107	<10	60	<0.5	<2	<0.01	<0.5	2	10
E813323		0.64		0.002		0.3	0.61	69	<10	180	0.7	<2	0.01	0.6	14	27
E813324		1.25		0.032		0.5	0.35	338	<10	180	0.5	<2	0.02	<0.5	3	9
E813325		1.27		0.003		0.2	0.29	1060	<10	260	0.7	<2	0.01	0.6	2	8
E813326		0.72		0.015		0.2	0.18	80	<10	30	0.7	<2	<0.01	0.7	2	8
E813327		0.74		0.014		<0.2	0.12	19	<10	20	<0.5	<2	<0.01	<0.5	2	11
E813328		0.99		0.027		1.2	0.48	32	<10	320	4.2	2	0.02	2.3	21	25
E813329		0.41		0.001		0.8	0.23	42	<10	390	<0.5	<2	0.01	0.9	5	7
E813330		0.97		<0.001		<0.2	0.10	25	<10	20	<0.5	<2	<0.01	<0.5	2	7
E813331		0.38		0.008		<0.2	0.41	402	<10	160	0.6	<2	0.01	<0.5	3	12
E813332		1.52		0.625		0.5	0.12	18	<10	20	<0.5	<2	0.01	<0.5	2	10
E813333		1.20		0.186		1.1	0.59	46	<10	100	1.0	<2	0.08	<0.5	6	20
E813334		1.59		0.016		0.2	1.52	7	<10	140	0.7	<2	0.50	<0.5	10	46
E813335		1.90		0.017		0.4	0.48	41	<10	180	0.5	<2	0.04	1.1	8	17
E813336		2.13		0.008		0.3	0.38	16	<10	80	<0.5	<2	0.03	<0.5	16	14
E813337		2.18		0.322		0.5	0.18	204	<10	40	<0.5	<2	0.01	<0.5	3	9

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#510 - 1100 MELVILLE STREET
VANCOUVER BC V6E 4A6

Project: EUREKA

Finalized Date: 18-AUG-2023
Account: FECTRI

CERTIFICATE OF ANALYSIS WH23205977

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	Cu	Fe	Ga	Hg	K	La	Li	Mg	Mn	Mo	Na	Ni	P	Pb	S
	Units	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%
	LOD	1	0.01	10	1	0.01	10	10	0.01	5	1	0.01	1	10	2	0.01
E813320		40	5.39	<10	<1	0.03	10	<10	<0.01	30	2	<0.01	7	1170	7	0.03
E813321		59	4.63	<10	<1	0.06	10	<10	0.01	29	2	<0.01	13	880	16	0.03
E813322		10	0.86	<10	<1	0.09	10	<10	0.01	28	1	<0.01	3	280	9	0.04
E813323		162	8.44	<10	1	0.14	20	<10	0.03	329	1	0.01	49	1480	16	0.04
E813324		29	2.33	<10	<1	0.12	20	<10	0.01	57	1	<0.01	4	570	19	0.05
E813325		21	4.95	<10	4	0.16	10	<10	0.01	41	2	<0.01	4	650	14	0.12
E813326		21	2.79	<10	1	0.10	10	<10	0.01	31	1	<0.01	10	720	9	0.02
E813327		7	0.39	<10	<1	0.05	<10	<10	0.01	33	<1	<0.01	<1	70	2	0.02
E813328		132	15.70	<10	<1	0.07	20	<10	0.02	723	24	<0.01	215	1590	43	0.04
E813329		107	2.90	<10	1	0.08	10	<10	0.01	513	4	0.01	29	610	5	0.14
E813330		8	0.99	<10	<1	0.02	<10	<10	<0.01	48	<1	<0.01	3	120	3	0.02
E813331		75	5.84	<10	<1	0.11	20	<10	0.01	58	2	<0.01	12	1570	12	0.03
E813332		7	0.38	<10	<1	0.08	<10	<10	0.02	27	2	<0.01	<1	60	7	0.02
E813333		21	3.08	<10	<1	0.36	10	10	0.20	567	3	0.01	16	750	105	0.02
E813334		24	2.70	<10	<1	0.39	20	10	0.62	366	<1	0.05	33	590	10	0.02
E813335		30	5.29	<10	<1	0.14	10	<10	0.06	1060	2	<0.01	31	1000	8	0.02
E813336		14	0.80	<10	<1	0.15	20	<10	0.08	237	1	0.02	10	170	6	0.02
E813337		31	2.82	<10	1	0.10	10	<10	0.01	401	27	0.02	10	410	464	0.02

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#510 - 1100 MELVILLE STREET
VANCOUVER BC V6E 4A6

Project: EUREKA

Finalized Date: 18-AUG-2023
Account: FECTRI

CERTIFICATE OF ANALYSIS WH23205977

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Sb	Sc	Sr	Th	Ti	Tl	U	V	W	Zn
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	LOD	2	1	1	20	0.01	10	10	1	10	2
E813320		2	1	17	<20	<0.01	<10	<10	22	<10	71
E813321		3	1	20	<20	<0.01	<10	<10	14	<10	96
E813322		<2	1	9	<20	<0.01	<10	<10	13	<10	26
E813323		<2	4	18	<20	0.01	10	<10	62	<10	138
E813324		2	2	38	<20	<0.01	10	<10	23	<10	58
E813325		7	2	98	<20	<0.01	20	<10	19	<10	121
E813326		2	1	3	<20	<0.01	<10	<10	10	<10	48
E813327		<2	<1	1	<20	<0.01	<10	<10	7	<10	6
E813328		3	5	5	<20	<0.01	<10	<10	26	<10	741
E813329		<2	1	12	<20	<0.01	<10	<10	23	<10	65
E813330		<2	1	3	<20	<0.01	<10	<10	12	<10	27
E813331		2	2	21	<20	<0.01	<10	<10	28	<10	63
E813332		<2	<1	1	<20	<0.01	<10	<10	3	<10	7
E813333		2	2	5	<20	0.02	<10	<10	28	<10	33
E813334		<2	5	23	<20	0.11	<10	<10	44	<10	50
E813335		<2	2	2	<20	0.01	<10	<10	38	<10	50
E813336		<2	1	7	<20	0.02	<10	<10	18	<10	17
E813337		2	<1	2	<20	<0.01	<10	<10	5	<10	39

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CERTIFICATE OF ANALYSIS WH23205977

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:				
	Ag-OG46	Au-GRA21	Au-ICP21	ME-ICP41
	ME-OG46			