

ASSESSMENT REPORT

describing the

PROSPECTING & TRENCHING PROGRAM AND RC DRILLING PROGRAM

performed between July 16th-25th and October 14th-21st, 2022, respectively

on the

PIKE WARDEN PROPERTY

WARDEN 1-4	YE96672-YE96675
WARDEN 5-13	YE96905-YE96913
PIKE 1-7	YE96665-YE96671
PIKE 8-9	YE96676-YE796677
PIKE 10-22	YE96892-YE96904
PIKE 23-26	YE96914-YE96917
PIKE 27-172	YF92051-YF92196

YMEP no: 22-023

Mapsheet NTS 105 D/3

Latitude 60°5'N; Longitude 135°23'W

located in the

Whitehorse Mining District, Yukon Territory

prepared by

Sarah Reese

Thomas R. Hart, P.Geol.

28 January 2022

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1.0 INTRODUCTION

This report contains the results of the 2022 prospecting, hand trenching, and reverse circulation (RC) drilling conducted on the Pike Warden property, consisting of 185 quartz claims owned by Ryan Burke and optioned by Transition Metals Corp. (TMC). This level of exploration work was made possible through the Yukon Mineral Exploration Program (YMEP), as the proposed 2022 program was selected for a hardrock target evaluation module grant (YMEP #22-023). The scope of this module is for focused work aimed at evaluating and advancing pre-existing targets.

The prospecting and hand trenching program was supervised and conducted during the period of July 16th to 25th, 2022, by TMC employees Greg Collins (Chief Operating Officer) and Sarah Reese (Field Geologist); with geological and logistical support provided by Archer, Cathro & Associates (1981) Ltd. (Archer Cathro) employees Steve Israel (Partner/Senior Geologist), Michael Kishchuk (Field Assistant), Niona Kyhle-Kahr (Field Assistant), and David Bunbury (Field Assistant); and helicopter transportation provided by Capital Helicopters.

The RC drill program was supervised and conducted during the period of October 14th to 21st, 2022, by TMC employee Sarah Reese (Field Geologist); with geological and logistical support provided by Archer Cathro employees Melissa Friend (Field Geologist) and Niona Kyhle-Kahr (Drill Sampler); RC drilling services and equipment provided by Mark Mooney (President/Foreman) and James Morhart (Drill Assistant) of Subterra Exploration Ltd; and helicopter transportation provided by Capital Helicopters.

2.0 PROPERTY LOCATION, ACCESS, & CLIMATE

The property consists of 185 quartz claims covering approximately 37 square kilometres. It is located 65 kilometres south-southwest of the Yukon's capital city of Whitehorse and 27 kilometres west of the community of Carcross (Figure 1). The claims are located at latitude 60°5'N and longitude 135°23'W on mapsheet NTS 105D/03 and are located within the Traditional Territories of the Carcross/Tagish First Nation. Access to and from the claims is by helicopter directly from Whitehorse. A helicopter staging area lies 13 kilometres north of the property along Annie Lake Road, a gravel-topped four-season access road. The staging area is approximately a 70-kilometre drive from Whitehorse via truck and can be used to mobilize equipment and personnel to and from the claim block.

The climate in the area is variable with hot summers, mild and short fall and spring seasons and long, cold, dark winters. Snow can fall during any month of the year. Topography in the area consists of flat, glacially scoured alpine ridges and precipitous cirques with steep slopes that extend up from broad, open, gentle valley bottoms. Permanent snowfields exist on northern facing ridges of most ridges and mountains in the area. Valley floors lie around 1,500 metres and summits vary in height up to 2,200 metres. The property sits above the treeline, which is around 1,450 metres.

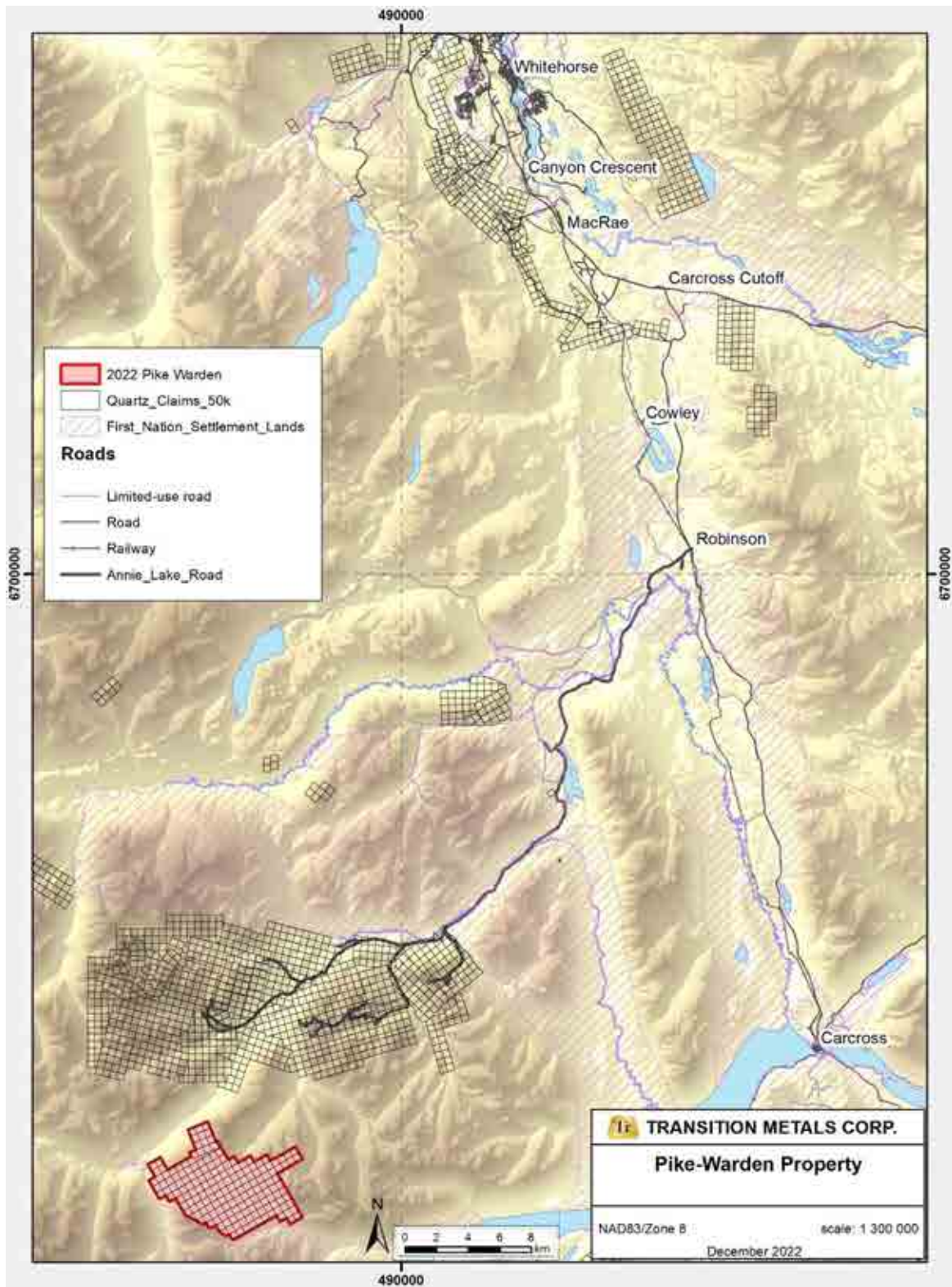


Figure 1: Regional map showing Pike Warden claim location and surrounding quartz claims.

2.1 CLAIM DATA

The Pike and Warden claims were staked by Mr. Ryan Burke (Vendor) and optioned by Transition Metals Corp. in June 2022. Transition Metals Corp. retains the option to earn a 100% interest in the property by issuing cash and shares to the Vendor over a four-year period subject to a 1% net smelter return royalty and a \$1,500,000 commercial milestone payment.

Table 1 below shows the summarized claim data for the Pike Warden property with the claim tenure of the property and corresponding grant numbers shown in Figure 2.

A full table of claim data is included in Appendix A. Please note that the 2022 exploration work described in this report has been applied to request a renewal amount of an additional 4 years for all 185 claims, pending approval. The requested extensions are shown in Appendix A.

Table 1: Summarized claim registration information for the Pike Warden property.

Claim Name	Claim Number	Grant #	Owner	Expiry Date
PIKE	1 to 7	YE96665-YE96671	Ryan Burke - 100%	2030-01-05
PIKE	8 to 9	YE96676-YE96677	Ryan Burke - 100%	2030-01-05
PIKE	10 to 22	YE96892-YE96904	Ryan Burke - 100%	2030-01-05
PIKE	23 to 26	YE96914-YE96917	Ryan Burke - 100%	2030-01-05
PIKE	27 to 72	YF92051-YF92096	Ryan Burke - 100%	2027-01-05
PIKE	73 to 76	YF92097-YF92100	Ryan Burke - 100%	2024-01-05
PIKE	77 to 90	YF92101-YF92114	Ryan Burke - 100%	2027-01-05
PIKE	91 to 98	YF92115-YF92122	Ryan Burke - 100%	2025-01-05
PIKE	99 to 101	YF92123-YF92125	Ryan Burke - 100%	2026-01-05
PIKE	102	YF92126	Ryan Burke - 100%	2024-01-05
PIKE	103	YF92127	Ryan Burke - 100%	2027-01-05
PIKE	104 to 115	YF92128-YF92139	Ryan Burke - 100%	2024-01-05
PIKE	116	YF92140	Ryan Burke - 100%	2026-01-05
PIKE	117	YF92141	Ryan Burke - 100%	2024-01-05
PIKE	118	YF92142	Ryan Burke - 100%	2026-01-05
PIKE	119	YF92143	Ryan Burke - 100%	2024-01-05
PIKE	120	YF92144	Ryan Burke - 100%	2026-01-05
PIKE	121 to 172	YF29145-YF92196	Ryan Burke - 100%	2024-01-05
WARDEN	1 to 4	YE96672-YE96675	Ryan Burke - 100%	2030-01-05
WARDEN	5 to 13	YE96905-YE96913	Ryan Burke - 100%	2030-01-05

3.0 EXPLORATION HISTORY

There are records of exploration in the area dating from the early 1900s, with multiple adits driven into a number of areas throughout the region to the north of the property. However, the area received most of its exploration work following the discovery of the Mt. Skukum deposit in 1981 approximately 10 km to the north (Figure 3). Promising regional discoveries were made in the area during this period including the ET Zone, the Confession, Repent and Squeaker showings on the Pike Warden property. Figure 4 on the following page visualizes the showings discovered to date on the property.

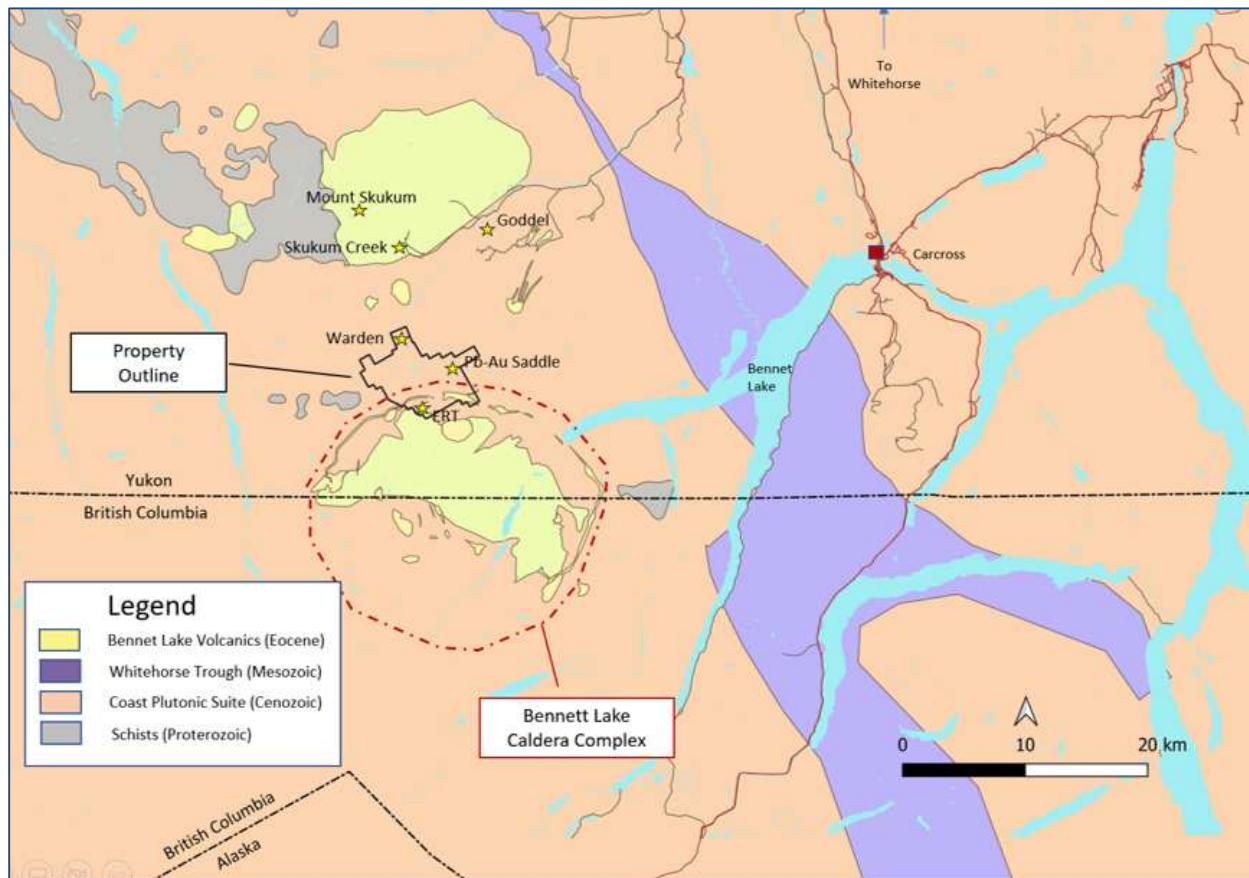


Figure 3: Regional geological setting of the Pike Warden property, showing proximity to adjacent deposits and the location of the property in relation to the Bennett Lake Caldera Complex.

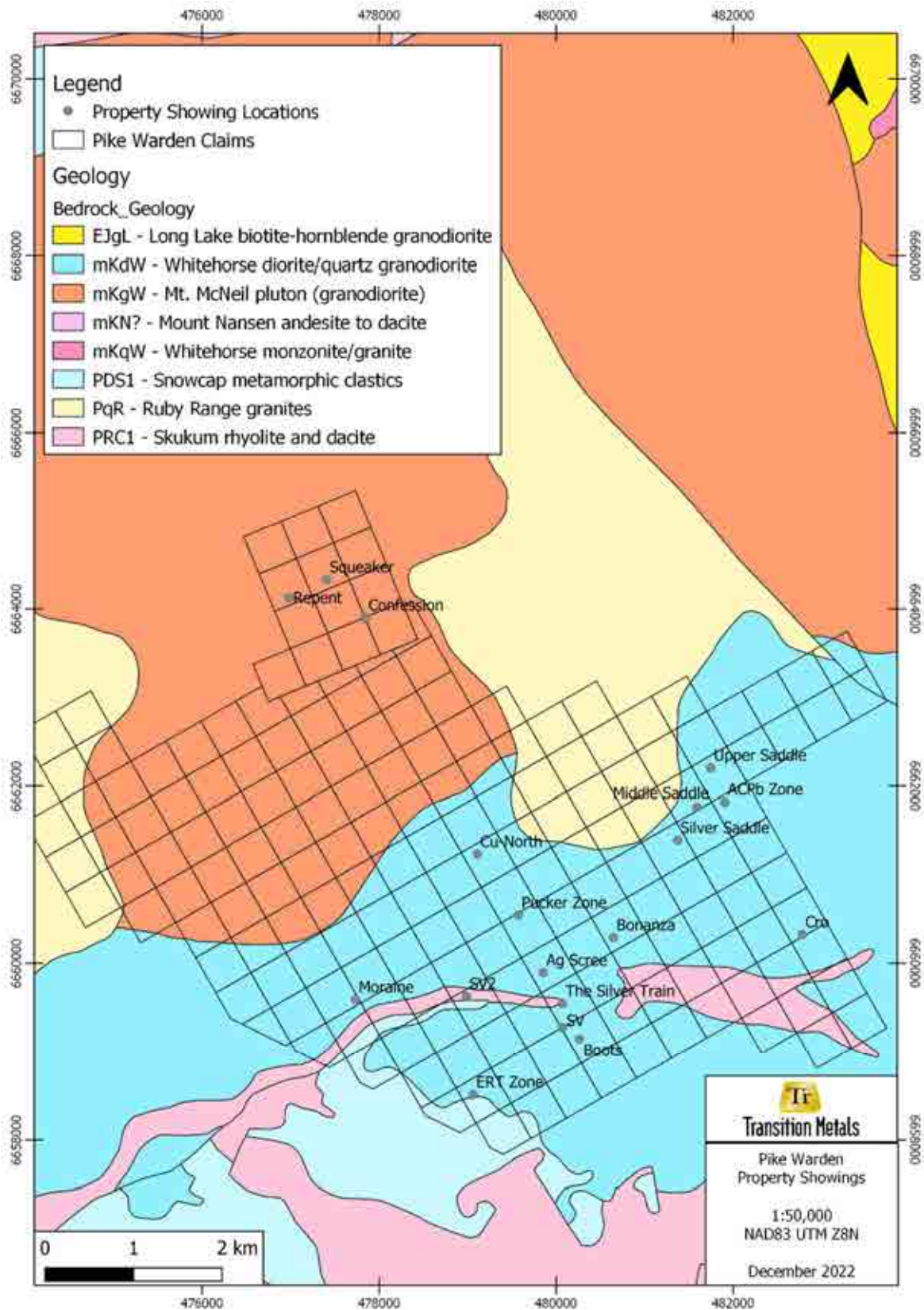


Figure 4: Location of showings on the Pike Warden property.

Prospecting in 1988 discovered three historical mineral occurrences on the Pike Warden property. First, Skukum Exploration Inc. discovered three separate vein systems (Confession, Repent, Squeaker) within the northwest facing cirque of Mount Ward 6 kilometres south of the Skukum Creek deposit (Figure 3).

The Confession vein is described as a 10-centimetre wide, vuggy, milky white, euhedral quartz vein with massive euhedral galena, massive chalcopyrite and minor pyrite and malachite staining within granodiorite. The vein is traceable for 150 metres along strike. Historical assays from this vein are up to 10.64 g/t Au, 378 g/t Ag, 3.98% Pb and 0.66% Cu.

The Repent vein system is described as bull white and honey coloured quartz veins in granodiorite with chlorite selvages and blebs of pyrite and chalcopyrite. Veins pinch and swell from 1 to 30 centimetres. Phyllic and propylitic alteration of the granodiorite one-metre-wide envelopes the veins. Historical assays of the Repent system are up to 2.23 g/t Au.

The Squeaker veins are described as a series of small parallel quartz veins up to 30 centimetres wide with fine grained pyrite, minor galena and minor chalcopyrite. The veins can be traced for around 200 metres and possibly as much as 400 metres. Historical assays are up to 19.67 g/t Au, 157.38 g/t Ag, 1.09 % Pb and 1.47% Cu. (Wilkins and MacKinnon, 1988)

Second, 2 kilometres south of Mt. Ward, a vein within granodiorite (what is now referred to as the Cu-North showing on Pike Warden) was discovered grading 5.58% Cu and 0.76 g/t Au.

Prospecting 5.5 kilometres south of Mt. Ward near the headwaters of Crozier Creek resulted in the discovery of the ERT showing (Zone), a quartz-arsenic-sulfosalt breccia zone. The ERT Zone consists of a sulfide breccia with disseminated and occasionally massive pyrite, arsenopyrite, chalcopyrite, sphalerite, galena, and possible stibnite. The zone is currently exposed over 30 metres with an unknown strike length. High-grade assays of up to 5,675 g/t Ag and 5.8 g/t Au were obtained from grab samples within the zone (Wilkins and MacKinnon, 1988). A soil survey was also conducted in 1988, resulting in anomalous silver, copper, lead, and gold values around the ERT Zone.

In 1989, the ERT Zone was followed up with three parallel trenches dug in an EW-direction. Trench TR89-1 returned 1.46 g/t Au, 307 g/t Ag over 6.6 metres. TR89-2 returned 0.68 g/t Au and 139 g/t Ag over 1.5 metres. TR89-3 returned 0.54 g/t Au and 346 g/t Ag over 4.7 metres.

In 1997, Bernie Kreft and Chuck Downie of Eagle Plains Resources spent three days prospecting at the ERT Zone. Their work resulted in an additional quartz sulfide breccia zone discovered 50 metres SW of the ERT Zone, named the TRE Zone. Individual grab samples from the TRE Zone returned values of 8,890 g/t Ag while re-sampling of the ERT Zone returned peak values of 4.42 g/t Au. (Kreft, 1998). A silver-arsenic talus fines anomaly extends 280 metres southwest of the ERT Zone, which could represent a more subtle expression of the ERT Zone underneath talus cover. Additionally, a 176.5 g/t Ag soil sample was collected about 170 metres SE of the ERT Zone. Anomalous As-Ag geochemistry extending 450 metres from the main zone demonstrates the size potential, which remains underexplored.

Work in 2019, 2020 and 2021 resulted in the discovery of new occurrences of mineralization in a number of locations on the property, with individual rock samples returning peak values of 48.1 g/t Au, 11,270 g/t Ag, 7.49% Cu, 59.6% Pb, 0.50% Zn, 1.66% Mo, >0.20% Sb and >0.20% Bi.

In 2019, a two person, 9-day exploration program collected 48 till samples, 49 rock samples and completed preliminary 1:5,000 scale geological mapping on the Pike 1-9 claims. On the Warden 1-4 claims, 40 till samples at 100-m spacings were collected on the plateau of Mt. Ward and returned a 391 ppb Au contour soil anomaly as well as the discovery of a 40-cm wide quartz-malachite-chalcopryrite-molybdenum outcropping near the southern edge of the claim block which returned peak values of 7.49% Cu and 138 g/t Ag. In addition, till sampling was completed on the Warden 1-4 claims highlighting a 150-by-100 m, four sample gold geochemical anomaly (>10 ppb Au) near the southwestern edge of the sample grid.

In 2020, the property was expanded to 39 claims (Pike 1-26 and Warden 1-13). A three person, 10-day exploration program resulted in the collection of 251 till samples, 95 rock samples, a ground magnetic survey and continued 1:5,000 scale geological mapping over the Pike 1-26 claims. Drone imagery was completed over the south-central portion of the property. Work in 2020 resulted in the discovery of the Bonanza, Silver Train, Silver Saddle, and Upper Saddle showings.

In 2021, the property was expanded to 185 claims (Warden 1-13 and Pike 1-172). Work was conducted on the Pike 1-172 claims to follow-up on the showings discovered in 2020. A four person, 8-day exploration program collected 299 rock samples and continued 1:5,000 scale geological mapping on the Pike 1-172 claims. In addition, a 395-line km airborne geophysical survey was conducted over the entire claim block. Work resulted in the discovery of the SV, SV2, Moraine, Cro and Lead-Gold Saddle showings.

4.0 GEOLOGICAL SETTING AND MINERALIZATION

4.1 REGIONAL GEOLOGY

The regional geological setting of the project area is described in detail in Hart and Radloff (1990) from which the following information is summarized. Figure 3 shows the condensed regional geology of the property. The Pike Warden property is located within the Intermontane belt of the Canadian Cordillera. Oldest rocks in the area comprise domains and screens of Paleozoic gneiss, assigned to the Nisling Terrane by Hart and Radloff (1990), and Jurassic andesitic volcanic and siliciclastic sedimentary rocks of the Stikine Terrane and Whitehorse Trough overlap assemblage (Figure 2). Stratigraphic and contact relationships are commonly obscured by the many intrusions associated with the Coast Plutonic Complex. Strata of the Jurassic Whitehorse trough are affected by a series of open to tight, northwest trending folds that probably formed in Upper Jurassic to Lower Cretaceous time, approximately coeval with activity of the Skeena Fold Belt to the south in British Columbia.

The folds are superimposed on earlier, probably pre-Triassic, metamorphic fabrics and the northwest trending Tally-Ho shear zone, a major Late Triassic shear zone that is developed approximately 15 kilometres to the east of the project area (Naas, 2007). Mesozoic plutonic rocks, which underlie much of the project area, separate the Jurassic units and Nisling Assemblage into isolated domains and screens.

The most abundant rock types in the region comprise metaluminous Cretaceous intrusions of the Coast Plutonic Complex, which are subdivided into several plutonic suites by Hart and Radloff (1990). The dominant Cretaceous suites in the project area include the Mt. McIntyre plutonic suite (96 to 119 Ma), comprising the Mt. Ward granite and Carbon Hill quartz monzonite, and the Whitehorse plutonic suite (116 to 119 Ma), locally represented by the Mt. McNeil granodiorite pluton. Isolated accumulations of mid to late-Cretaceous volcanic rocks of intermediate composition of the Mt. Nansen Group are present regionally and are approximately coeval with the Coast Plutonic Complex.

Pre-Tertiary rock types in the region are unconformably overlain by at least four Late Paleocene to Early Eocene volcanic complexes that form the Skukum Group and are intruded by numerous associated rhyolite and andesite dykes. In the project area, these are the youngest exposed rocks and are represented by the Early Eocene Mount Skukum volcanic complex (MSVC) and the Bennett Lake volcanic complex (BLVC). Both these volcanic complexes mark the northern limit of the Sloko Volcanic Province, which extends south into British Columbia.

Late Cretaceous and Early Paleocene brittle dextral displacement associated with widespread dextral displacement throughout the Cordillera is related to reactivation of the Triassic Tally-Ho shear zone. This phase of displacement formed a brittle fault system, termed the Llewellyn fault by Hart and Radloff (1990), which exploited parts of the earlier Tally-Ho structure. Subsidiary faults generated during this tectonic episode may subsequently have been remobilized during Eocene volcanic activity to locally form caldera-bounding structures; these may also have acted as permeable structural sites for the formation of the late-volcanic vein deposits hosted by faults and shear zones in the area (Naas, 2007).

The MSVC comprises a bimodal sequence of subaerial volcanic and volcanoclastic rocks with a total thickness that locally exceeds 800 metres, and an areal extent of approximately 200 square kilometres.

Exposures of the complex adjacent to the Skukum Creek deposit are composed mainly of massive to poorly bedded, plagioclase porphyritic andesitic flows and tuff (McDonald et al, 1990, Naas, 2007). Rocks of the MSVC are locally separated from pre-Tertiary rock types by east to northeast trending, curved faults such as the Berney Creek fault and Wheaton lineament that may have been active synchronously with volcanism and which potentially form caldera-bounding structures (Hart and Radloff, 1990). These structures are host to or control probable synvolcanic vein and shear zone hosted Au-Ag mineralization in the district (Naas, 2007).

Separated from the MSVC by the Wheaton River, the BLVC is located 10 kilometres south of the MSVC and is a 19-by-30-kilometre volcanic centre composed of two fault-bounded, nested cauldrons. Each cauldron represents a resurgent cycle of cataclysmic pyroclastic eruptions. Each cycle contributed approximately 2,000 metres of rhyo-dacitic ash-flow tuffs and breccias with lesser rhyolite and andesite flows to the cauldron fill. A change from acid to intermediate volcanism during each eruptive cycle represents the tapping of a vertically zoned magma chamber (Lambert, 1974). The BLVC is bounded by a series of arcuate rhyolite dykes that together form a roughly sub elliptical arc around the periphery of the complex along a caldera-bounding structure, hereafter referred to as the “ring dyke”. The ring dyke likely formed during caldera collapse. The dykes are nearly vertical, pinch and swell, and range from 100 to 300 metres wide. Many other leucocratic granite, rhyolite and dacite dykes are closely related spatially to the ring dyke by virtue of having intruded along the ring fracture system (Lambert, 1974).

4.2 PROPERTY GEOLOGY

The dominant lithology on the Pike Warden property is a magnetic biotite-hornblende granodiorite and is bordered to the south by the Bennett Lake Volcanic Complex (Figure 3, Figure 5; Table 2). Pervasive chlorite and epidote-pyrite alteration in stringer veinlets and on fracture surfaces are common. Hornblende and biotite have been at least partially replaced by greenish chlorite in even the freshest samples. This unit is likely the Mt. McNeil granodiorite, the same host rock of the Skukum Creek deposit. Geological mapping within Mt Ward’s northwest-facing cirque has successfully delineated three 2-5 metre wide, north-northeast trending rhyolite dykes and small rhyolite plugs outcropping for approximately 700 metres. These dykes and plugs intrude biotite-hornblende granodiorite. Numerous prominent structures are identifiable within the cirque and are likely related to the historical vein mineralization documented in this area.

On the southern portion of the property, there are numerous basalt, andesite, and rhyolite dykes that vary in width from 1 to 30 metres that crosscut granodiorite. These include basaltic dykes with pervasive chloritization of mafics, rusty pale green to dark grey andesitic to dacitic dykes, and mauve to tan-brown, heavily fractured, weakly pyritized, fine-grained massive and flow banded rhyolite dykes. These dykes occur sporadically throughout the property, increasing in density with proximity to the ring dyke. The ring dyke outcrops prominently on the southern portion of the property and is a buff to rusty cream, blocky weathered, weak to moderately pyritic quartz feldspar porphyry volcanic dyke, varying in thickness from 100 to 300 metres. A small, isolated raft of limonitic quartzite to quartzite breccia sharply contacts the ring dyke in the southwest portion of the property.

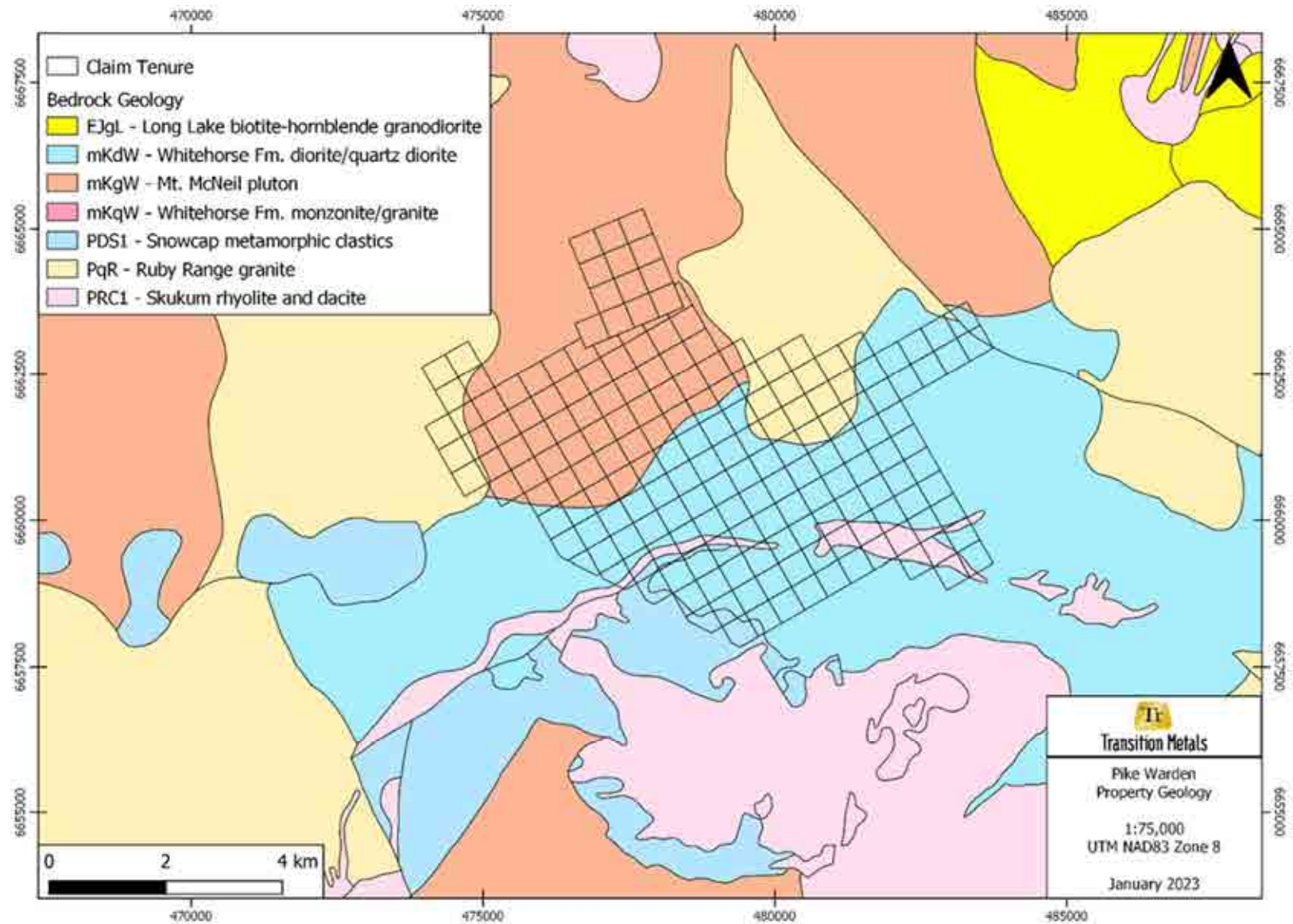


Figure 5: Local property geology at 1:50,000 scale from the Yukon Geological Survey (2020).

Outcrop exposure is abundant due to the U-shaped valleys formed by glacial activity in this region. A layer of till exists in the valley bottom, ranging in thickness from 1 to 10 metres. Glacially scoured outcrop has been observed on ridgelines at 1,700 metres as well as in the valley bottom at 1,450 metres. Glacial striae trend 170 degrees, and ice movement direction was northward.

Table 2: Regional lithological units from YGS (2020).

Unit	Formation	Age	Description
Ead	Skukum	Eocene	Andesite dyke dark grey, aphyric; rare porphyritic texture defined by hornblende and plagioclase
Ebd	Skukum	Eocene	Basalt dyke fine-grained aphanitic dark greenish grey with trace disseminated pyrite and patchy rusty weathering
Edd	Skukum	Eocene	Dacite dyke brown to brick-brown aphanitic rock with small plagioclase phenocrysts
Erd	Skukum	Eocene	Rhyolite dyke light beige to weathered orange-brown, blockily weathered with variably disseminated pyrite
QV	Skukum?	Eocene?	Quartz Vein
PRC	Skukum	Eocene	Bennett Lake Ring Dykes – Coarse quartz-feldspar porphyry
PR	Ruby Range	Cenozoic	Biotite Granite
mKW	Whitehorse	Mid-Cretaceous	Biotite-hornblende granodiorite (Mt. McNeil pluton?) medium grey, medium grained, equigranular to seriate, with euhedral amphibole grains 3-5mm in size; contains abundant magnetite; rare autolithic fine-grained diorite/monzonite fragments; hornblende and biotite partially replaced by greenish chlorite; pervasively weakly altered; epidote staining on fracture surfaces; abundant weakly disseminated pyrite
PDS	Yukon-Tanana Terrane (YTT)	Neoproterozoic to Devonian	Quartzite, psammite, pelite and marble; minor greenstone and amphibolite

4.2.1 BENNETT LAKE VOLCANIC COMPLEX

Although only the northern edge of the BLVC is present on the Pike Warden property, the volcanic complex and its evolution plays an important role in the mineralization observed on the property. All information provided below is taken from Lambert's 1974 GSC Bulletin titled, "The Bennett Lake Cauldron Subsidence Complex, British Columbia and Yukon Territory". Key findings are summarized here from Burke (2022) and included sources.

The Bennett Lake Volcanic Complex is part of the early Tertiary Sloko volcanic province, which in this area consists mainly of rhyolite to dacite ash-flow tuffs and breccias with subordinate rhyolite, dacite and andesite lavas. Regional tumescence above a high-level magma chamber distended the overlying granitic rocks and generated concentric and radial fractures. Three episodes of eruption consisting of several ash flows resulted in caldera collapse and magma varying from dacite to andesite rose along the bounding fractures, locally escaping to the surface as lava flows. Restoration of pressure in the magma chamber may have caused arching of the roof rocks and generation of the inner ring-fracture system with a second episode of caldera collapse along the inner ring fracture system. A final upsurge of the magma leaking along concentric and radial fractures and intruded along peripheral ring fractures to form a large ring dyke.

The hinge zone (Figure 6) consists of brecciation resulting from caldera collapse and is controlled by the shape of the magma chamber. Explosive eruptions within the BLVC and the accompanying brecciation likely migrated along the ring fracture zone. The hinge zone acted as a northeast-trending inflection point for the episodic subsidence of the complex, where maximum differential displacement and subsidence occurred along the northern edge of the BLVC. On the Pike Warden property, two large northeast-trending structures occur along strike of the hinge zone. These structures likely represent an extension of the hinge zone onto the Pike Warden property. The hinge zone likely acted as a conduit for hydrothermal fluids during the continued volcanic activity post caldera collapse. Mineralization found to date on the property is concentrated along this northeast-trending structural corridor, particularly where it intersects concentric caldera-bounding structures and block faults that developed during earlier stages of the evolution of the complex. On the Pike Warden property, the BLVC consists of dikes and sills to the northeast of a ring dike, and felsic-intermediate volcanics to the southwest.

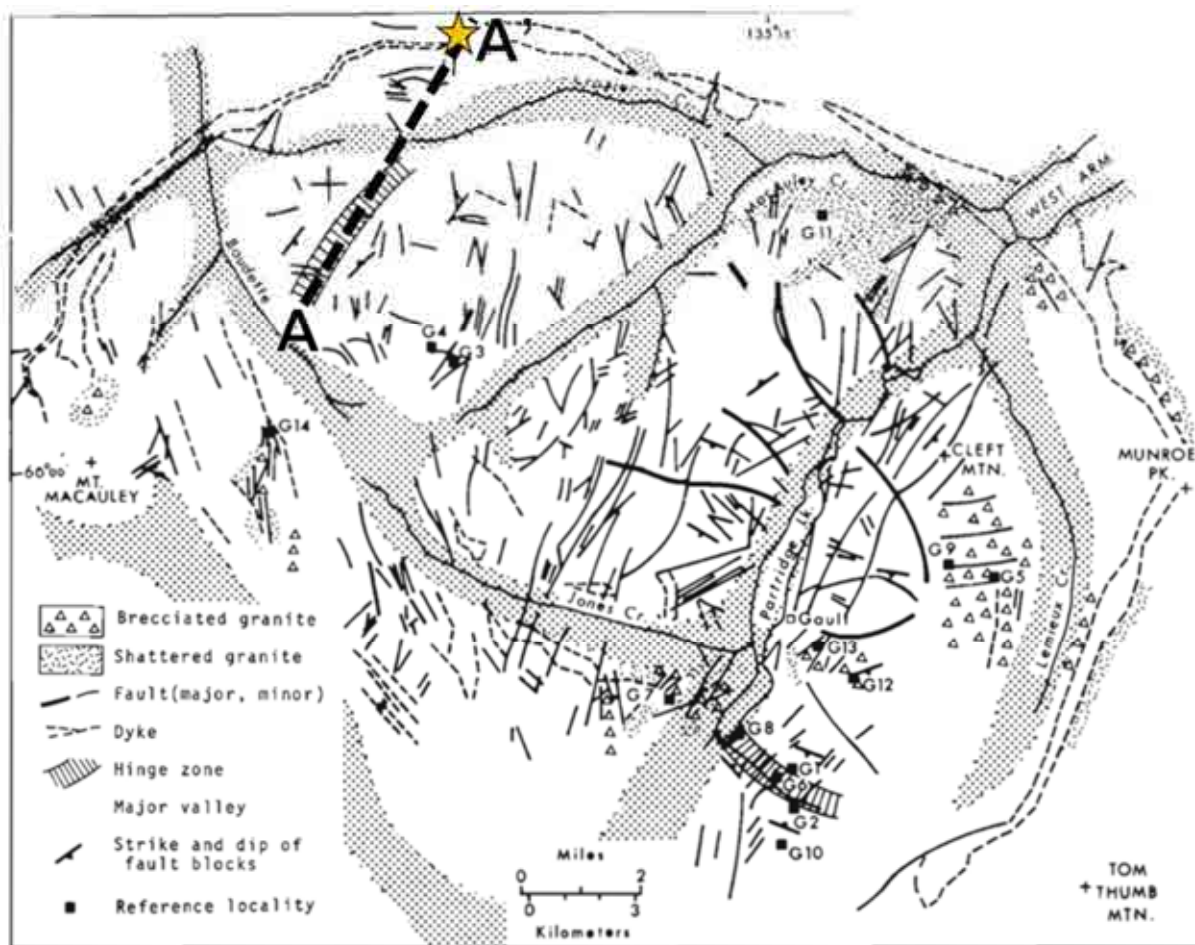


Figure 6: Faults, dikes, areas of shattered and brecciated granitic rocks and major valleys of the Bennett Lake complex with the location of the Pike-Warden property denoted by the yellow star.

4.3 PROPERTY MINERALIZATION

Mineralization at the Pike Warden property is spatially associated with the caldera-bounding ring dyke of the BLVC, two major northeast-trending structures, and dykes on the property (Figure 7). Mineralization tends to be concentrated near the intersection of northeast and east-west-trending structures. High silver, gold, copper, molybdenum and lead values in quartz veins suggest an intermediate sulfidation setting of mineralization identified northeast of the ring dyke feature as observed at the Bonanza, Silver Scree, Lead-Gold Saddle, and ACPb Zone showing areas. At the Silver Train, elevated copper and molybdenum values along with quartz-carbonate breccias, heterolithic intrusive breccias, and pervasive epidote-pyrite alteration within granodiorite suggest potential for a buried porphyry system at depth. Mineralization at the ERT Zone is hosted within a broad zone of altered brecciated and flow-banded felsic to intermediate volcanoclastic rocks associated with the BLVC. The observed mineralization consists of diffuse, fine-grained, black to sooty, replacement style silver-bearing sulfosalts and sulfides associated with shear zones within a larger pyritic envelope. Showings discovered to date on the property are displayed in Figure 4 and Figure 7.

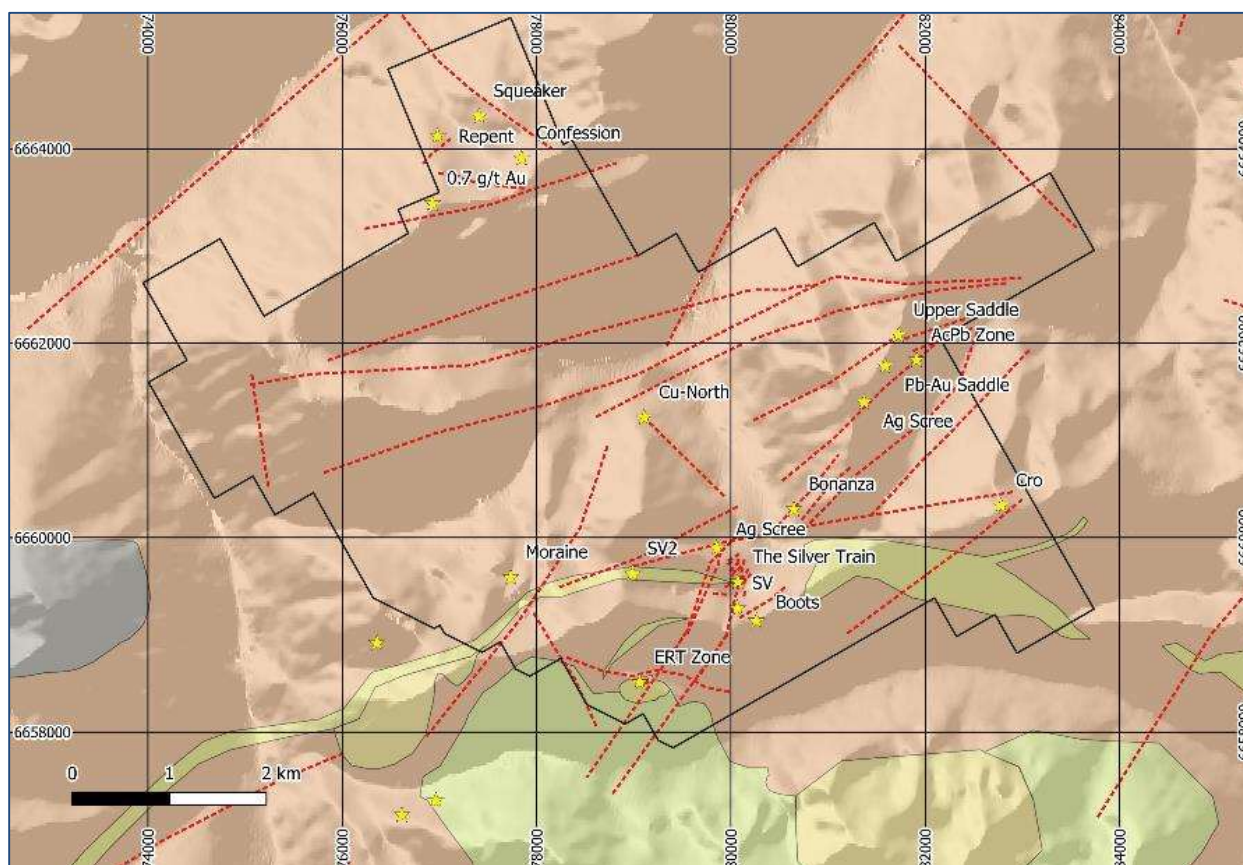


Figure 7: Mineral occurrences and associated structures on the Pike Warden property.

4.3.1 SILVER TRAIN

This zone is approximately 800 by 750 metres. Peak values for this area from sampling conducted in 2020 and 2021 are 5.35% Cu, 1.66% Mo, 493 g/t Ag, 0.60 g/t Au and 0.07% Pb. The zone is comprised of an abundance of oxidized quartz vein float, ranging in size from fist-sized to 1 cubic metre within a boulder field of blocky granodiorite and smaller blocky fragments of buff tan to cream-brown quartz-feldspar porphyry (QFP) float. There are sporadic outcrop exposures of brecciated granodiorite containing subrounded to subangular dyke, quartzite and granitic breccia fragments within a moderately welded greenish-gray tuff west of the main mineralized zone. This brecciation likely represents a large-scale structure associated with observed mineralization. Most of the observed mineralization in this area consisted of oxidized and carbonate altered vein material that has a similar appearance to veining associated with the Eocene rhyolite dikes observed in the vicinity of the Bonanza showing area.

The intrusive rocks of this area consist of variably altered epidote-albite, hematite and magnetite medium grained diorite. Within the main zone, there is a 70-metre exposure of north to northeast-trending QFP that has a greenish groundmass and pinkish dusting of feldspars, likely hematite or potassium feldspar alteration. Approximately 170 metres east, a small 80-square-metre area containing very siliceous and intensely hematite-stained granodiorite fragments. The entire area has sporadic outcrop exposures of fresh basalt dykes, andesite porphyry dykes, and rhyolite dykes that range in size from 1-3 metres wide and typically trend 045 to 090° with moderate to steep dips to the south. There are localized areas of subangular granodiorite breccia healed by quartz-carbonate. These samples do not typically contain anomalous mineralization yet are indicative of structure and hydrothermal activity in the area. Subcrop measurements of veins generally trend between 215 to 270° with dips of 50°, but there are only a few measurements of low confidence. An uptake in pyrite content was noted in places where epidote alteration was developed, some chalcopyrite was noted in areas where potassic alteration +/- hematite and magnetite were developed.

Two mineralized boulders were located northeast corner of the little tarn lake that is central to this area during the 2022 field program. Based on proximity to outcrop and angularity, it is interpreted that these boulders are situated close to source. Oxidized copper mineralization, probably after chalcopyrite, was observed associated with chlorite alteration along weakly sheared fractures. The style of alteration, mineralization, and its occurrence in intrusive rocks believed to be Cretaceous could imply a different mineralizing process or event to that observed to be associated with the Eocene volcanics. The best values returned from 2022 grab samples include 0.02 g/t Au, 180 g/t Ag, 2.32% Cu, and 0.01% Pb.

4.3.2 CONFESSION, REPENT & SQUEAKER

These showings are three historic vein showings discovered in 1988 by Skukum Exploration Inc. They have not been relocated since the 2019 fieldwork due to the rugged topography. The Confession vein was described as a 10 cm wide, vuggy, milky white, euhedral quartz vein with massive euhedral galena, massive chalcopyrite and minor pyrite and malachite staining within granodiorite. The vein is traceable for 150 metres along strike. Historical assays are up to 10.68g/t Au, 378g/t Ag, 3.98% Pb and 0.66% Cu.

The Repent vein system was described as a bull white and honey coloured quartz veins in granodiorite with chlorite salvages and blobs of pyrite and chalcopyrite. Veins pinch and swell from 1 to 30 cm. Phyllic

and propylitic alteration of the granodiorite one meter wide, envelopes the veins. Historical assays are up to 2.23 g/t Au.

The Squeaker veins are described as a series of small parallel quartz veins up to 30 centimetres wide with fine grained pyrite, minor galena and minor chalcopyrite. The veins can be traced for around 200 metres and possibly as much as 400 metres. Historical assays are up to 157.38 g/t Ag, 19.67 g/t Au, 1.09 % Pb and 1.47% Cu. (Wilkins and MacKinnon, 1988)

4.3.3 CU NORTH

Historically, this showing was a vein within granodiorite grading 5.58% Cu and 0.76 g/t Au. This showing could not be directly accessed during the 2022 field program due to a large area of unstable boulder-sized talus and steep cliff. However, the talus and scree slopes below the showing was sampled and a float sample of buff volcanic rock showed carbonate alteration and trace pyrite, with no observed copper mineralization. It returned 0.04 g/t Ag and 2.3 ppm Cu.

4.3.4 ERT ZONE

Located approximately 1.5 kilometres southwest of the Silver Train, this zone had remained unexplored since 1997. Mineralization has been described as a quartz-arsenic-sulfosalt breccia zone, with high-grade silver hosted within intermediate to felsic volcanic/subvolcanic rocks. Historical work indicated the package of volcanics is relatively flat-lying with gentle southwest dips, unconformably overlying mid-Cretaceous intrusions. The sulfide breccia contains disseminated and occasionally massive pyrite, arsenopyrite, chalcopyrite, sphalerite, galena, and possible stibnite. A series of small hand dug trenches excavated in 2021 were used to recover chip samples of high-grade Ag, Au, Pb, and Zn mineralization over several metres across subcropping mineralized zones. Ag values from Trench 21TR04 averaged 486 g/t Ag, 0.29 g/t Au over 8.0 metres that included a 2-metre interval that reached 1,140 g/t Ag and 0.67 g/t Au over two metres. A grab sample collected from the site collected by Ryan returned 11,270 g/t (11.3 kg per tonne silver) as well as 1.26 g/t Au, 1.98 % Pb, 0.15% Zn and >2,000 ppm Sb. Hand trenching and RC drilling conducted on this showing in 2022 returned favourable results, as discussed in the following section.

4.3.5 SV

Located 160 m south of the Silver Train, the SV zone consists of a 20-metre-wide exposure of malachite-stained granodiorite with a small series of 2- to 40-centimetre-thick chalcopyrite-pyrite-molybdenite quartz veins. This zone was not sampled in 2022 but 2021 chip sampling of granodiorite returned 0.64% Cu, 32.4 g/t Ag, 0.12 g/t Au and 0.10% Mo over 2 metres. A 20-centimetre chip sample of vein returned peak values of 0.39% Cu, 185 g/t Ag, 0.73 g/t Au and 0.42% Mo. The SV zone potentially links to the Boots Showing.

4.3.6 BOOTS

The Boots showing is located along an east-west trending ridge of granodiorite near a north-south trending saddle 20 metres to the west. It is a 50-centimetre-wide quartz vein trending 090/64 with heavy fracturing and oxidation, vuggy textures and malachite staining, containing 5% pyrite and 2-5% chalcopyrite. The vein is hosted in granodiorite, and it has been traced for 15 metres along strike. Grab samples in 2019 from this vein have graded up to 7.49% Cu and 143 g/t Ag. At this showing, a series of

discontinuous fractures were observed which were associated with localized shearing developed within a massive medium grained quartz tonalite. A moderate degree of epidote alteration was also exhibited. It is theorized that the tonalite may belong to the Jurassic Whitehorse group of intrusions which were emplaced prior to the development of the much younger Eocene-aged Bennett Lake volcanic complex. Discontinuous crack-seal texture quartz vein samples were collected in the 2022 program which contained chalcopyrite, a black sulfide thought to be chalcocite, pyrite, and significant malachite staining. The samples returned up to 0.03 g/t Au, 51.10 g/t Ag, and 5.11% Cu.

4.3.7 MORaine

Located 2.4 kilometres west of the Silver Train is a float train of very siliceous, manganese-stained quartzite and quartzite breccias. Of the thirteen samples collected in this area in 2021, one sample returned 81.4 g/t Ag and 0.15% Pb. This showing was not visited during the 2022 program.

4.3.8 UPPER SADDLE

Located 3 kilometres northeast of the Silver Train, the Upper Saddle is an east-west trending, oxidized, recessively weathered saddle of within granodiorite cutting across a north-south trending ridgeline. There is intense epidote-chlorite alteration as well as moderate to strong potassic alteration nearby. Within this saddle, there is a 30-metre-long float train of anomalous Au, Ag, Pb, Zn oxidized quartz vein material. In 2020, a sample returned 2.4 g/t Au, 443 g/t Ag, 0.12% Pb and 0.17% Cu. In 2021, a sample 10 metres west returned 1.82 g/t Au, 821 g/t Ag, 0.22% Pb and 0.14% Cu. The weathered saddle extends beyond the known zone of mineralization and remains open along strike.

4.3.9 LEAD-GOLD SADDLE

Located 2.5 kilometres northeast of the Silver Train, the Lead-Gold Saddle is comprised of three coarse-grained euhedral quartz vein containing semi-massive interstitial galena along the northern margin of a prominent talus fan. All three samples taken in 2021 returned high-grade Au, Pb, Ag and strong Cu values with peak values of 44.5 g/t Au, 59.6% Pb, 491 g/t Ag and 0.16% Cu. During the 2022 field program, additional high-grade samples were collected with peak values of 9.81 g/t Au, 226 g/t Ag, 0.07% Cu, and 20% Pb.

4.3.10 AG SCREE

The Ag Scree showing contains two anomalous zones, 2 kilometres apart from each other, along a prospective northeast trending structure. The first occurrence, discovered in 2020, lies 400 metres north of the Silver Train and consists of a banded quartz-epidote-galena vein which in 2020 returned 1.37 g/t Au, 643 g/t Ag and 1.93% Pb. A large northeast trending lineament runs across the valley, up the slope and onto a north-south ridge, where atop, strikingly similar quartz-epidote-galena vein material was found that returned 3.63% Pb, 10 g/t Ag and 0.10 g/t Au. Follow-up sampling in 2021 atop the ridge returned peak values of 2.32 g/t Au, 110 g/t Ag, 0.61% Cu, 18.33% Pb, 0.35% Zn, and 59.6 ppm Mo. Additional sampling in 2022 saw a scree grab sample return 0.66 g/t Au, 457 g/t Ag, 0.23% Cu, and 1.22% Pb. This structure remains underexplored and open along strike.

4.3.11 BONANZA

Located 800 metres northeast of the Silver Train, the Bonanza consists of a semi-massive quartz sulfide breccia vein float which returned 48.1 g/t Au and 47.6 g/t Ag from a 2021 sample. Directly upslope (about 50-100 metres) of this sample is a 5- to 10-metre-wide flow-banded rhyolite dyke, outcropping for roughly 60 metres which intrudes along granodiorite within a prominent, recessively weathered 700-metre-long northeast-trending structural lineament. The granodiorite above and below the dyke is bleached and displays moderate propylitic and argillic alteration. Talus cover obscures parts of the recessive feature and likely partially covers mineralization. Follow-up work in 2021 identified additional high-grade gold samples within the recessively weathered lineament obscured by granodiorite talus cover. Three samples collected along 40 metres of this lineament returned 30.2 g/t Au and 4.5 g/t Ag, 16.8 g/t Au and 8.6 g/t Ag, and 8.6 g/t Au and 2.5 g/t Ag. The rhyolite dyke material is easily distinguishable in the field due to its rusty/buff colour which appears to be related to strong pervasive ankeritic carbonatization, sulfide content and vuggy clay alteration. The host intrusive rocks do not extensively exhibit this alteration or colouration.

In total, there are four flow-banded rhyolite dykes within the area. First, the westernmost dyke is 3 metres thick and trends 010°/10°. This dyke has been tracked along strike for 300 m. The second 3-metre-wide dyke trends 220°/90° and is exposed sporadically over 400 metres with a potential 700 metre strike length. This is the dyke currently believed to be sourcing the high-grade gold veins discovered in 2020/2021. The third dyke is 3 metres wide and trends 225°/88°. Along strike 350 metres northeast of this dyke is a sample along the ridge that returned 0.38 g/t Au and 18.6 g/t Ag. Lastly, the fourth dyke is 3 metres wide and trends 235°/70°. A 5-centimetre chip sample of quartz vein material taken from the upper contact of the dyke with overlying granodiorite returned 0.42 g/t Au and 2.3 g/t Ag.

During the 2022 field program, it was observed that this area contains a significant amount of outcropping rhyolite dike material. Most of it shows flow banding and contains trace disseminated euhedral pyrite mineralization. Five hand trenches were dug along the ridge, ranging from 4 to 10 metres long. A grab sample from the trenches returned values of 0.54 g/t Au, 2.82 g/t Ag, and 0.04% Cu. In one of the trenches, the contact between one of the rhyolite dikes and the host granodiorite was also exposed. However, almost no veining was present in the trenches and only very minor amounts of rusty quartz vein float material were observed in the scree slopes along the ridge. It appears likely that the mineralized veining observed in the talus is coming from discontinuous veining within and perhaps around the margins of the dikes.

4.3.12 CRO

Located 2.8 kilometres east of the Silver Train, the Cro showing contains two separate anomalous vein float/subcrop samples 150 metres apart from each other. The first is an east-west trending quartz vein float train that has been tracked for 90 metres along the ridgeline. In 2021, an outcrop vein sample of 5-centimetre-wide vein material within the float train returned 0.95 g/t Au, 19.7 g/t Ag, 0.18% Cu and 21.3 ppm Mo. An adjacent wall rock sample returned 1.55 g/t Au, 23.3 g/t Ag, 0.26% Cu and 206 ppm Mo. The second, located 150 metres SW of the first, is a 60-centimetre clay altered, gouged chip sample within a 225/40 trending saddle that returned values of 1.43 g/t Au, 0.8 g/t Ag, 11.9 ppm Cu and 3.6 ppm Mo.

During the 2022 field program, one duplicate sample was taken and additional samples of two different styles of quartz veining were also collected. The first was a rusty quartz vein similar to those collected elsewhere on the property, which returned values of 0.23 g/t Au, 87.8 g/t Ag, and 0.01% Pb. The second was a brecciated quartz-chlorite vein with pyrite and minor chalcopyrite that hadn't previously been noted on the property, which returned values of 0.04 g/t Au, 1.09 g/t Ag, and 0.05% Cu. The area around this showing was mostly covered by talus but it still reflected various changes in the host rock lithology moving up and across the summit, ranging from hornblende to amphibole rich tonalites and diorites.

4.3.13 ACPB ZONE

Located approximately 150 metres downslope of the Lead-Gold Saddle is a vein-hosted occurrence of mineralization discovered in the 2022 work program. A mineralized quartz vein, up to 50 centimetres wide, was uncovered with a hand trench and observed to contain massive galena and significant malachite staining. Chip samples from the hand trench returned peak values of 11.80 g/t Au, 28.90 g/t Ag, 0.06% Cu, and 4.58% Pb.

4.3.14 SV2

Located 1 kilometre west of the Silver Train, the SV2 showing consists of two 2-metre spaced bull quartz veins exposed for 30 metres with small, sheeted veinlet stringers between them. The veins are developed within quartzite/quartzite breccia along its northern contact with the QFP ring dyke. The vein trends 230/50. A chip sample from 2021 across one 30-centimetre-wide vein returned 177 g/t Ag, 0.13 g/t Au and 0.22% Pb. This showing was not visited during the 2022 program. The other vein remains unsampled.

4.3.15 PUCKER ZONE

This early-stage, potential showing was discovered during the 2022 program while traversing across the steep talus slopes towards Cu North. Two float samples were collected from a recessed gorge 15 metres below the exposed vein on a cliff face, and returned peak values of 0.016 g/t Au, 2.76 g/t Ag, and 0.12% Cu. The host rock was identified as a fine grained, silicified mafic dike, and the vein was quartz-chlorite in composition with patchy stringers of pyrite and chalcopyrite. It is possible that this zone could represent an extension of the Silver Scree trend, which is located on the north side of the valley approximately 2 kilometres to the west of the saddle associated with this trend.

4.4 ADJACENT DEPOSITS

Discovered in 1981, Mt. Skukum is located approximately 10 kilometres to the north of the property (Figure 3). Mt. Skukum was fast-tracked into production following its discovery, producing about 77,790 ounces of gold between 1986-1988 from 233,400 tonnes of ore (Naas and Rodger, 1999). Following this discovery, a period regional exploration of the MSVC and the BLVC followed between 1981 and 1989. During this period, two other significant discoveries were made, the Goddell Gully and Skukum Creek deposits, located northeast and north of the property respectively (Figure 3). The closure of Mt. Skukum in 1988 along with depressed metal prices at the time resulted in exploration effectively ceasing in the area. Gold Corp. (WHG) resumed activity around the Mt. Skukum, Skukum Creek and Goddell prospects, incurring approximately \$15 million dollars of expenditures and completing 18,000m of diamond drilling in 2021. WHG's communicated goal is to bring the historical Skukum Gold camp back into

production. The Pike Warden property's proximal location and similar geology to the Skukum Creek deposit makes it an attractive exploration target.

In December of 2022, WHG released an updated 43-101 resource that incorporated results of drilling completed since 2020 with historical drilling on the property at each of the Skukum Creek, Goddell Gully and Mt. Skukum deposits (Figure 3).

Table 3: Mt. Skukum mineral resource estimate from the 2022 NI 43-101 Technical Report.

TABLE 14.12 MINERAL RESOURCE ESTIMATE ¹⁻⁹							
Classification	Tonnes (kt)	Au (g/t)	Ag (g/t)	AuEq (g/t)	Au (koz)	Ag (koz)	AuEq (koz)
Goddell Gully							
Indicated	273	7.52	2.8	7.56	66	24	66
Inferred	1,134	4.61	3.1	4.64	168	112	169
Mt. Skukum							
Indicated	273	9.88	11.6	10.02	87	102	88
Inferred	201	6.05	7.3	6.14	39	47	40
Skukum Creek							
Indicated	1,048	5.79	170.5	7.83	195	5,742	264
Inferred	1,680	4.49	101.3	5.70	242	5,471	308
Total							
Indicated	1,594	6.79	114.5	8.16	348	5,868	418
Inferred	3,016	4.64	58.1	5.33	449	5,631	517

5.0 2022 EXPLORATION PROGRAM

Work completed by Transition Metals Corp. (TMC) in 2022 consisted of a prospecting and hand trenching program on a number of the mineral occurrences located on the south portion of the property, followed by a reverse circulation (RC) drill program at the ERT Zone.

The prospecting and hand trenching program was conducted during the period of July 16th to 25th 2022, by TMC employees Greg Collins (COO) and Sarah Reese (Field Geologist); with geological and logistical support provided by Archer, Cathro & Associates (1981) Ltd. (Archer Cathro) employees Steve Israel (Senior Geologist), Michael Kishchuk (Field Assistant), Niona Kyhle-Kahr (Field Assistant), and David Bunbury (Field Assistant); and helicopter transportation via a Bell 206L owned and operated by Capital Helicopters. The program was overseen and monitored by TMC employees Greg Collins and Sarah Reese (author of this report).

The RC drill program was conducted during the period of October 14th to 21st, 2022, supervised by TMC employee Sarah Reese (Field Geologist); with geological and logistical support provided by Archer Cathro employees Melissa Friend (Field Geologist) and Niona Kyhle-Kahr (Drill Sampler); RC drilling services and equipment provided by Mark Mooney (President/Foreman) and James Morhart (Drill Assistant) of Subterra Exploration Ltd; and helicopter transportation with a Bell 407 and Bell 206B, owned and operated by Capital Helicopters. The program was overseen and monitored by TMC employee Sarah Reese (author of this report).

The exploration goals were completed safely and successfully by following up on previously discovered showings, prospecting related areas, and then drilling. This work assisted to inform and develop the geological interpretation for the property. A summary of samples collected by activity is included in Table 4 below.

Table 4: Summary of samples by activity.

Summary of Samples by Activity	
Prospecting Samples	51
Trenching Samples	53
<i>ACPb Trench</i>	<i>8</i>
<i>Bonanza Trenches</i>	<i>13</i>
<i>ERT Trenches</i>	<i>32</i>
Drilling Samples	133
<i>22-PW-01</i>	<i>58</i>
<i>22-PW-02</i>	<i>33</i>
<i>22-PW-03</i>	<i>42</i>
QA/QC (Standards & Blanks)	16
Total # of Samples	253

5.1 PROSPECTING AND MAPPING

Between July 16th and 25th, 2022, TMC staff were involved in prospecting and mapping activities targeting various areas of the Pike Warden property. In total, 7 days were spent prospecting, and two new showings were discovered (Pucker Zone and ACPb Zone). The program resulted in the visitation, sampling, and preliminary characterization of 10 of the 18 known mineralized areas on the Pike Warden property. TMC and Archer Cathro staff performed traverses focused on prospecting and basic mapping around the known showings and along strike, attempting to expand the showings and discover additional favourable mineralization, alteration, and structural settings. Mineralized bedrock occurrences along with prospective subcrop and talus material were sampled, as shown in the map included in Appendix A.

In summary, a total of 51 samples (Table 4) were analysed from the prospecting activities. Highlight results can be found in Table 5 below.

Table 5: Highlight results of prospecting samples.

Sample	Location	Gold (g/t)	Silver (g/t)	Copper (%)	Lead (%)
E813078	ERT Zone	1.730	1,215	0.0735	0.316
E811560	Ag Scree	0.655	457	0.229	1.22
E811502	Pb-Au Saddle	3.87	226	0.0338	>20.0
E813077	Pb-Au Saddle	9.81	57.1	0.067	3.33
E811501	Ag Scree	5.79	15.3	0.0314	0.981
E811503	Pb-Au Saddle	0.036	1.1	0.0016	0.0392

A map of all collected prospecting samples is included in Appendix A. Sample locations and sample descriptions are provided within Appendix B. Corresponding analytical certificates and QA/QC documentation is contained within Appendix C. The daily logs are provided in Appendix F.

5.2 HAND TRENCHING

Seven hand trenches totalling 100 metres in length were opened and sampled during the 2022 field program at three separate showings –ACPb Zone, Bonanza, and ERT Zone (Figure 8, Figure 9, Figure 10). The objective of the trenching work was to evaluate some of the previously discovered showings and to locate some bedrock sources of mineralization observed in float. The trenches were opened using shovels, mattocks, and geotools, and then subsequently sampled by TMC and Archer Cathro staff. In summary, a total of 53 samples were collected and analysed from the trenching activities in 2022 (Table 4), not including the QA-QC standards and blanks that were later added to the sample batches. As part of this work program, the trenching activities were conducted under the permit approval/Class 1 notification number Q2022_0177 – C1Q00489.

A summary of trenching activities is provided in Table 6 below. Maps for each trench are included in their respective subsections. A map of all collected trench samples is included in Appendix A. Sample locations and sample descriptions are provided within Appendix B. Corresponding analytical certificates and QA/QC documentation is contained within Appendix C. Daily logs are included in Appendix F.

Table 6: Summary table of trenching activities.

Trench Name	Property Area	Length (m)	# Chip Samples
ACPb Trench	ACPb Zone/Lead-Gold Saddle	15	8
David's Trench	Bonanza	8	4
East Trench	Bonanza	10	3
Michael & Niona's Trench	Bonanza	4	3
West Trench	Bonanza	7	3
22ERT001	ERT Zone	44	26
22ERT002	ERT Zone	12	6
Totals		100	53

5.2.1 ACPB TRENCH

Approximately 150 metres downslope from the Lead-Gold Saddle showing, a new vein-hosted occurrence of mineralization was discovered during efforts to locate a bedrock source within the mineralized talus slope. This new showing was named the ACPb Zone. One day (July 19th) was spent working on this showing. A hand trench approximately 15 metres long was constructed in the scree slope using mattocks and shovels along strike of the vein at a bearing of 063 (Figure 8). The observed quartz vein pinched and swelled from approximately 20 to 50 centimetres wide and contained galena with trace fine grained pyrite. The hosting lithological unit at the ACPb Zone is a quartz feldspar to dacitic porphyry that exhibits sericite alteration with a pervasive green colour which may indicate the presence of epidote or chlorite.

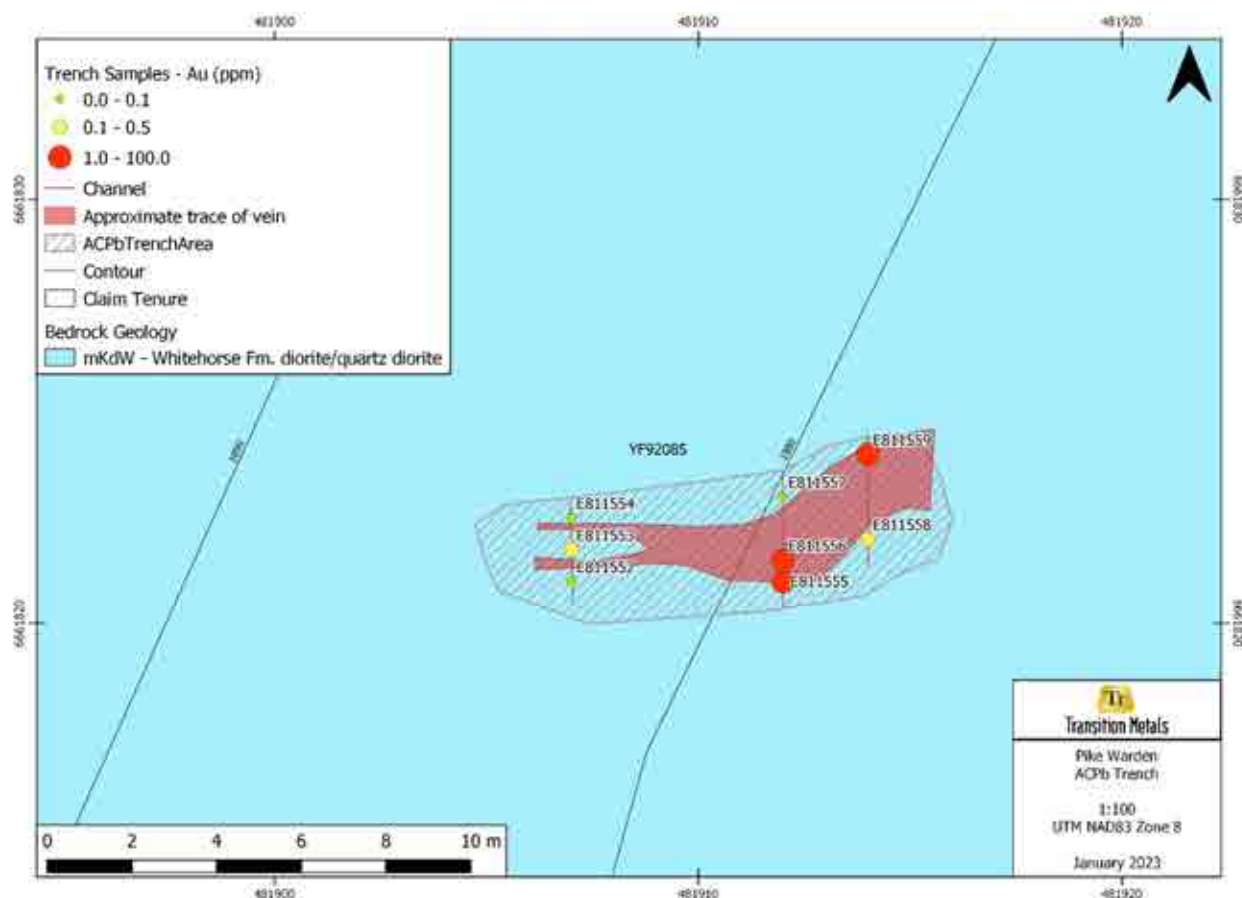


Figure 8: ACPb trench map showing approximate vein footprint and gold assay results.

A total of 8 chip samples were taken systematically along the trench over perpendicular distances going out from the trench bearing, ranging from 50 to 75 centimetres in length. This meant that for each section of the trench, there were three separate samples: the hanging wall, footwall, and the vein itself. Samples were spaced approximately 5 metres apart along the trench and collected in poly bags. Further prospecting was done along strike of the vein in both directions, but no other significant veining was discovered due to the amount and size of the scree and talus material, although some rusty quartz float material was observed. Highlights from the assay results can be found in Table 7 below.

Table 7: Highlight results of trench samples collected at the ACPb Zone.

Sample	Gold (g/t)	Silver (g/t)	Copper (%)	Lead (%)
E811556	11.8	28.9	0.050	4.58
E811555	4.49	11.3	0.058	0.419
E811559	2.06	2.88	0.011	0.243
E811558	0.318	3.06	0.012	0.306

5.2.2 BONANZA TRENCHES

Four separate hand trenches were constructed along the ridge and slopes of the Bonanza showing, ranging from 4 to 10 metres long (Figure 9). The objective of these trenches was to discover bedrock-hosted mineralization beneath the talus and overburden material. The main lithological unit sampled in these trenches was a fine-grained rhyolite that sporadically exhibited potential flow banding and showed minor patchy epidote and chlorite alteration, with trace amounts of very fine to fine grained disseminated cubic pyrite. Fine to medium-grained quartz granodiorite was also observed in some of the trenches, which displayed weak oxidation and minor sericite and chlorite alteration and appeared to contain up to 1% fine grained disseminated sulfides (pyrite). A summary of highlight results is included in Table 8 below.

Table 8: Highlight results from the Bonanza trenches.

Sample	Length (m)	Gold (g/t)	Silver (g/t)	Copper (%)	Lead (%)
E813081	0.5	0.053	3.05	0.0522	0.00124
E813084	0.5	0.541	2.82	0.0366	0.00191

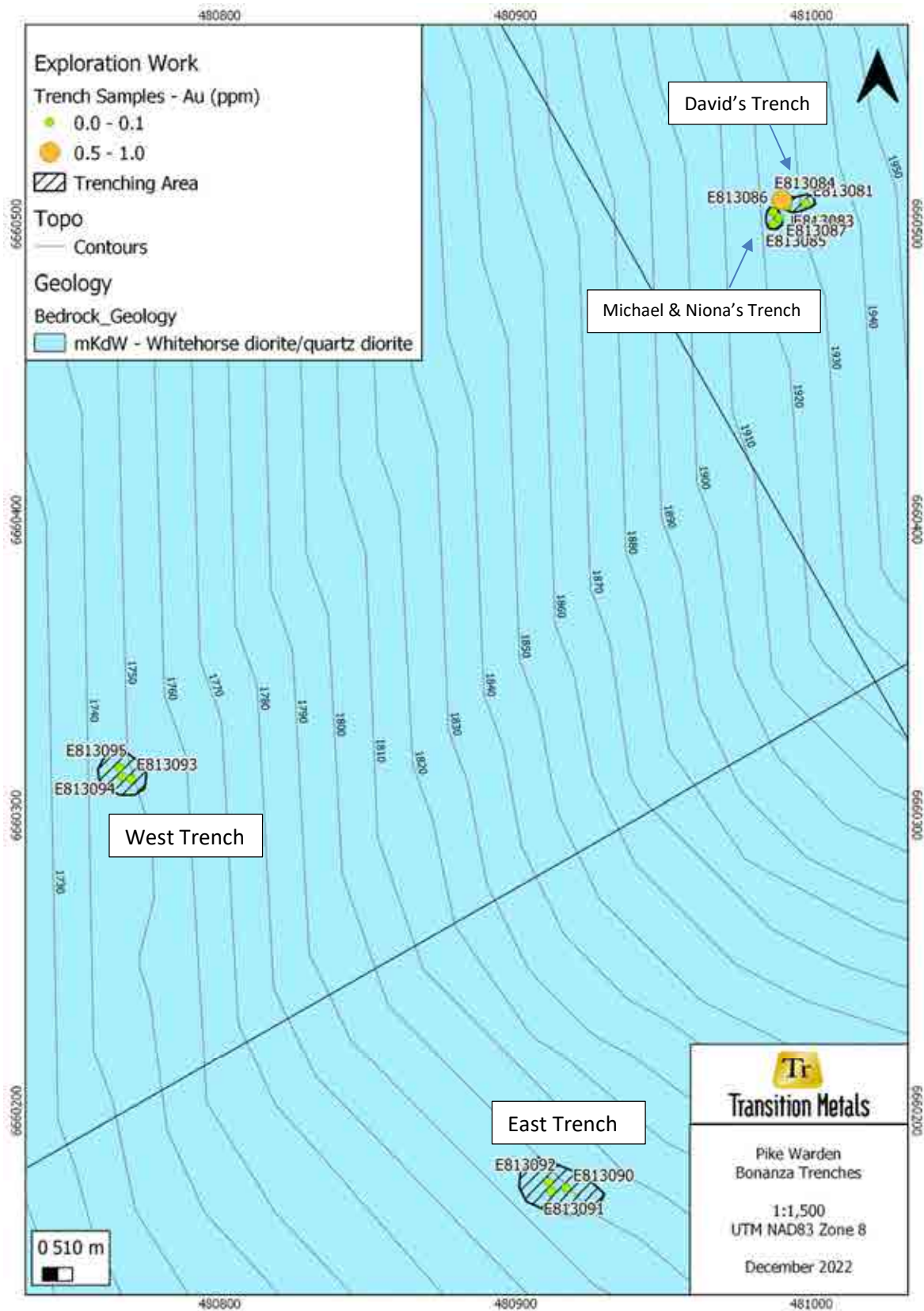


Figure 9: Trenches on the Bonanza showing with gold assay results.

5.2.3 ERT ZONE TRENCHES

At the ERT Zone, two days (July 22nd-23rd) were spent constructing two separate hand trenches, as visualized in Figure 10.

The first was a 44-metre-long hand trench (22ERT001) using mattocks and shovels at a bearing of 325 to sample along the mineralized shears. There were 3 main lithological units mapped. The first is a medium to dark grey, very fine grained, siliceous felsic to intermediate volcanic to subvolcanic unit. The second is a light to medium grey, very fine grained, siliceous felsic to intermediate volcanic to subvolcanic unit. The third is a white to light grey, very fine grained felsic to intermediate volcanic to subvolcanic with local rusty weathering. Breccia zones were identified, including both primary brecciation and later tectonic or structural brecciation. Small (1-4 millimetre) vugs were noted in the brecciated rock, which were often partially filled with quartz crystals and had local limonite coatings. Dark black and sooty shear zones were also observed both at surface and within the trenches. Chip samples were taken systematically with approximately 2-metre spacing along the trench and collected in poly bags for assay. In total, 26 samples were collected and analysed from this main trench. Highlight results are summarized in Table 9 below. A sketch map (Figure 11) of 22ERT001 was also constructed by Steve Israel (Archer Cathro) using the collected geological information and is included below.

It was observed that the ERT Zone is hosted within flat lying volcanic formations interpreted to be part of the Bennet Lake caldera infill complex. Facies observed included felsic tuffs, dykes and flows. Proximal to the observed mineralization, these units were overprinted by strong patchy to pervasive epidote alteration. The zone also appeared to exhibit pervasive clay alteration. Work in 2022 shows that several of the higher-grade chip samples were obtained from structural zones. Mineralization seemed to exhibit replacement style textures focused around shears cutting across the volcanic formations with a more steeply dipping (-70 degree) north-south orientations consisting of pyrite, and a mix of fine-grained grey sulfides presumed to include stibnite. The ERT Zone is possibly a distal epithermal-type mineralized area related to a larger porphyry-epithermal system.

Table 9: Highlight results from the ERT Zone trench 22ERT001.

Sample	Length	Gold	Silver	Copper	Lead	AgEq*
	(m)	(g/t)	(g/t)	(%)	(%)	(g/t)
Chip	42	0.12	53.4	0	0.02	64.28
including	23.1	0.18	77.68	0	0.03	93.63
including	11.7	0.2	117.28	0.01	0.03	135.26
including	7.8	0.21	151.53	0.01	0.03	170.63
including	0.7	0.12	526	0.02	0.09	539.72
including	0.4	1.47	433	0.02	0.25	563.97

*AgEq: Silver equivalent calculation uses a silver price of \$0.65 per gram, a gold price of \$55 per gram, a copper price of \$75 per weight %, and a lead price of \$22 per weight % (all USD) and assumes a 100% metallurgical recovery. Silver equivalent values can be calculated using the following formula: $AgEq = Ag \text{ g/t} + (Au \text{ g/t} \times \$Au/\$Ag) + (Cu \% \times \$Cu/\$Ag) + (Pb \% \times \$Pb/\$Ag)$. Sample widths are not true widths.

The second trench, 22ERT002, was 12-metres long and constructed using mattocks and geotools, and systematically sampled. It is located approximately 30 metres west of 22ERT001 and displayed similar lithologies as those observed and described in the first trench. In total, 6 chip samples were collected and assayed. Table 10 below summarizes the highlight results.

Table 10: Highlight results from the ERT Zone trench 22ERT002.

Sample	Length	Gold	Silver	Copper	Lead
	(m)	(g/t)	(g/t)	(%)	(%)
E811578	1.8	0.015	2.76	0.00037	0.00484
E811582	2.0	0.003	1.72	0.00078	0.00678
E811581	2.0	0.003	1.62	0.00089	0.00566

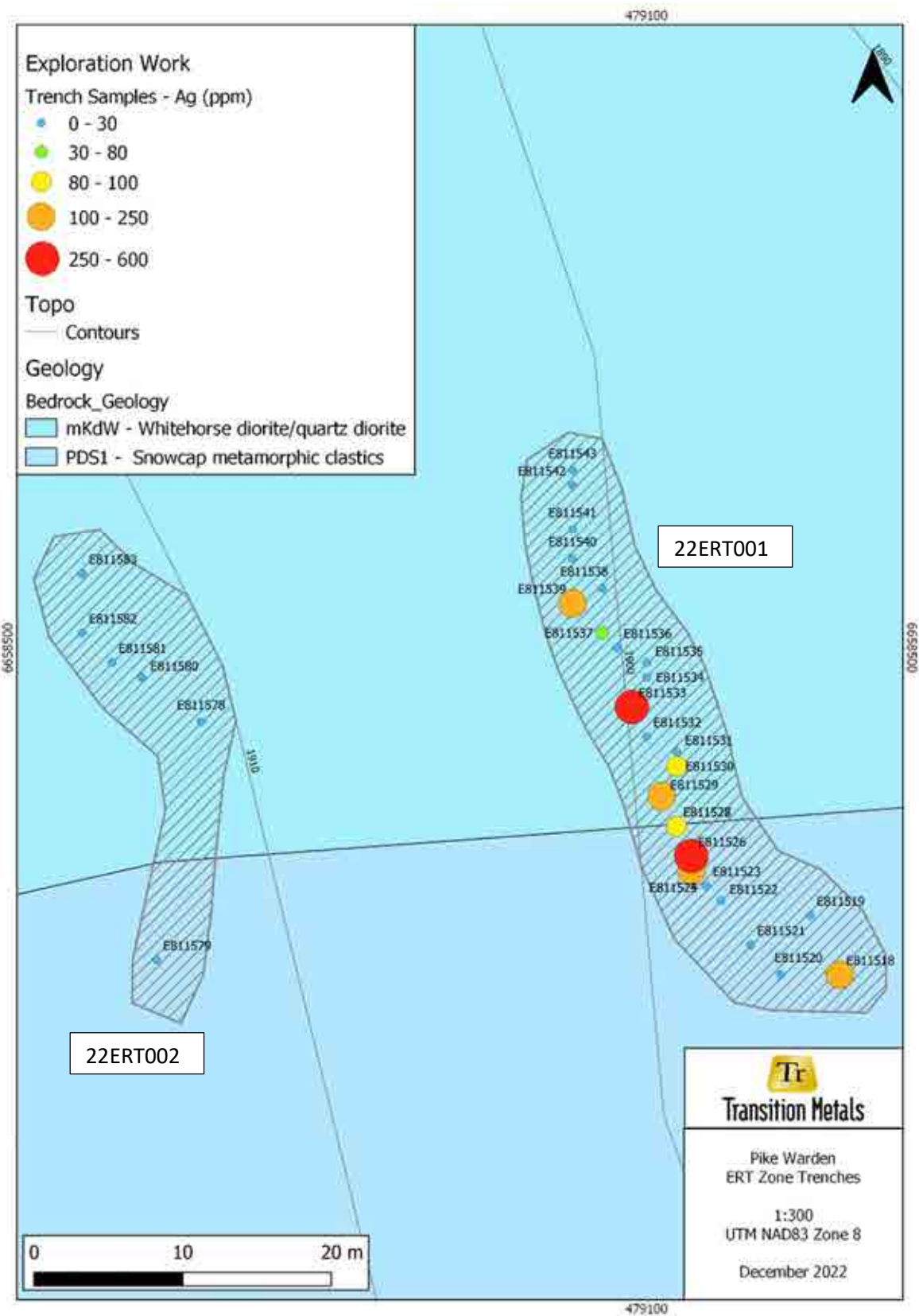


Figure 10: ERT Zone trenches, showing sample numbers and corresponding silver assay values.

5.3 RC DRILLING

The RC drill program was conducted during the period of October 14th to 21st, 2022, by TMC employee Sarah Reese (Field Geologist). Geological and logistical support was provided by Archer Cathro employees Melissa Friend (Field Geologist) and Niona Kyhle-Kahr (Drill Sampler). RC drilling services and equipment were provided by Mark Mooney (President/Foreman) and James Morhart (Drill Assistant) of Subterra Exploration Ltd. Transportation of personnel, samples, and drill equipment to and from site was done with a Bell 407 and Bell 206B, both owned and operated by Capital Helicopters.

In total, three days were spent actively drilling on the ERT Zone (October 15th-17th). One day (October 14th) was spent mobilizing the drill and setting up camp. Three days (October 18th, 20th, 21st) were spent demobilizing the drill equipment from the ERT Zone due to weather conditions that prevented safe helicopter operation and made longlining difficult.

In summary, a total of 204.2 metres was drilled over 3 holes, resulting in 133 samples, plus additional QA/QC samples later inserted for a total of 147 samples (Table 4). The drillhole information is summarized in Table 11 below.

Table 11: Summary of RC drillhole collar information.

Hole	UTM Info	Easting (m)	Northing (m)	Elevation (m)	Azimuth (degree)	Dip (degree)	Length (m)
22-PW-01	UTM NAD83 Zone 8N	479,086	6,658,501	1,961	150	-70	88.4
22-PW-02		479,087	6,658,500	1,965	154	-43	50.3
22-PW-03		479,069	6,658,523	1,956	150	-45	65.5

Highlight results can be found in Table 12 below. Drill logs are included in Appendix C and corresponding assay results and certificates are included in Appendix D.

Table 12: Highlight results from RC drilling.

Hole	From (m)	To (m)	Length (m)	Ag (g/t)	Au (g/t)	AgEq* (g/t)
22-PW-01	0.00	16.76	16.76	88.01	0.08	93.95
incl.	0.00	9.14	9.24	156.81	0.12	165.84
incl.	0.00	1.52	1.52	468.00	0.19	482.95
22-PW-02	1.52	22.86	21.34	91.43	0.17	104.64
incl.	21.34	22.86	1.52	362.00	0.47	399.10
22-PW-03	6.10	18.29	12.19	46.20	0.09	52.96
incl.	16.76	18.29	1.52	211.00	0.24	229.70

*AgEq: Silver equivalent calculation uses a silver price of \$23 per oz and a gold price of \$1,800 per oz (all USD) and assumes a 100% metallurgical recovery. Silver equivalent values can be calculated using the following formula: $AgEq = Ag \text{ g/t} + (Au \text{ g/t} \times \$Au/\$Ag)$. Sample widths are not true widths.

5.3.1 OBJECTIVES OF RC DRILL PROGRAM

The ERT Zone was the focus of three days' work during the ten-day prospecting and trenching program conducted during July (Figure 4, Figure 11). This area returned some of the most promising results out of

the samples collected from 10 of the 18 known mineralized areas on the property. The hand trenching and subsequent bedrock chip sampling in trench 22ERT001 exposed series of black sooty sulfides and possibly sulfosalt mineralized shear zones hosted within the volcanic facies, with chip samples returning up to 526 g/t Ag (Table 9). Detailed mapping at the trenches, along with prior sampling by the Optionor and historic data, defines a broad zone of subcropping silver mineralization appearing to be controlled by a series of steeply-dipping (approximately 70 degrees south) east-west trending shears that transect a topographical saddle.

Based on these results and data, it was determined that the ERT Zone warranted drilling evaluation of these structures to test for vertical continuity and controls of mineralization and begin to evaluate the possibility of this zone hosting an economic-scale deposit. The drill program was designed to intersect the down-dip extent of the observed subcropping mineralization by using a fence-style hole plan, as visualized in Figure 12 and Figure 13 below.

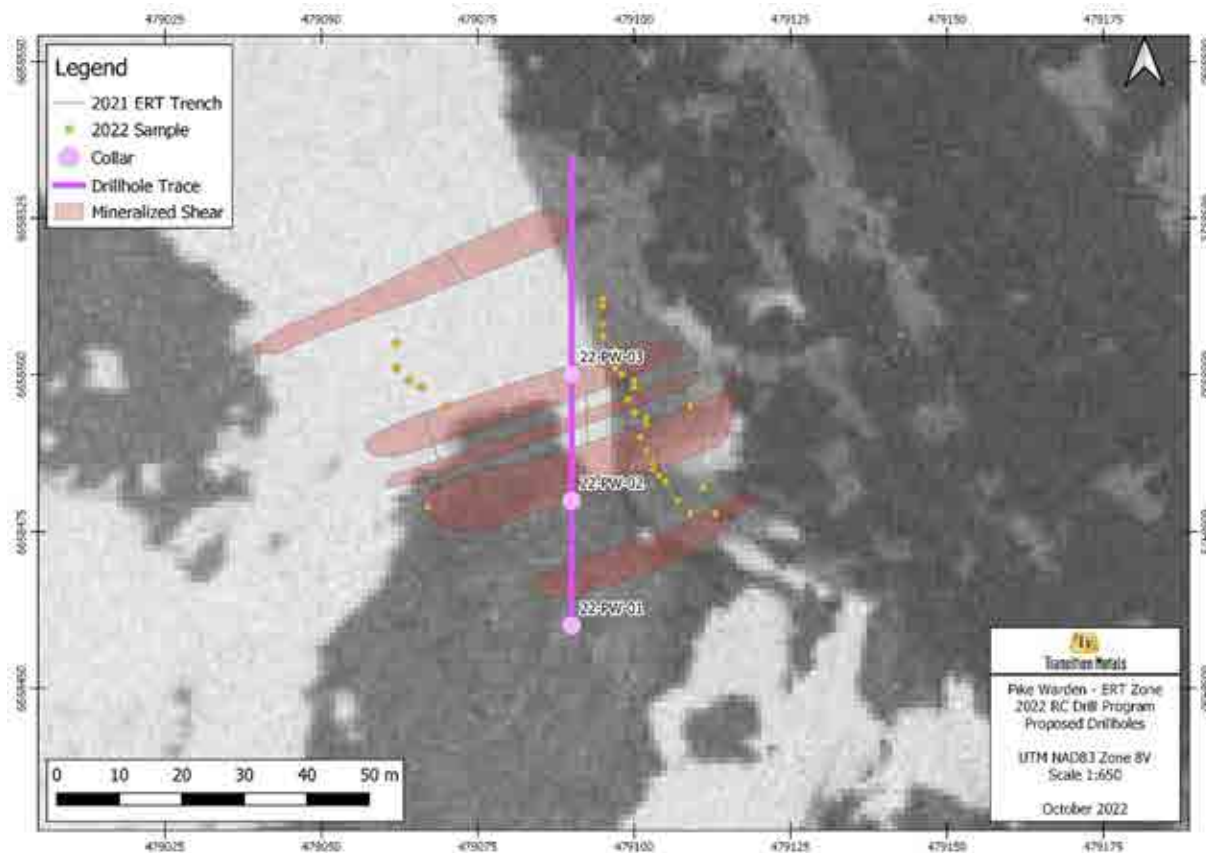


Figure 12: Plan map of proposed RC drillholes at the ERT Zone.

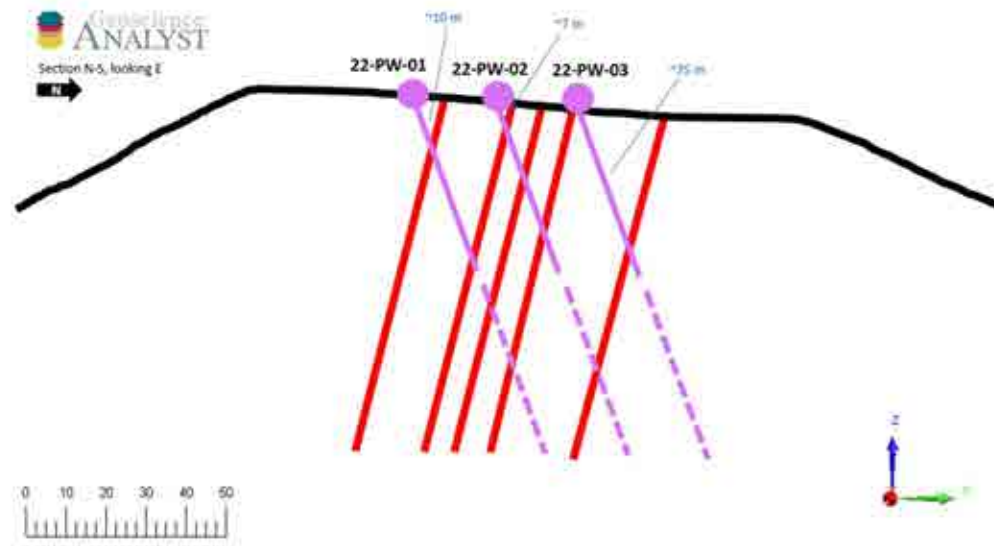


Figure 13: Cross section of proposed RC drillholes at the ERT Zone, with the interpreted mineralized shears identified in red.

Upon mobilization at the site, the drillhole plan required adjustment due to the steep terrain and cliff. Given the lack of time and financial capacity for building drillpads, the collar locations were moved to within the limitations of the track-mounted drill, which also ensured worker safety during the program. However, this resulted in suboptimal collar locations as the holes were located north of almost all the mineralized shears, drilling south down-dip towards them, as shown in Figure 14 below.

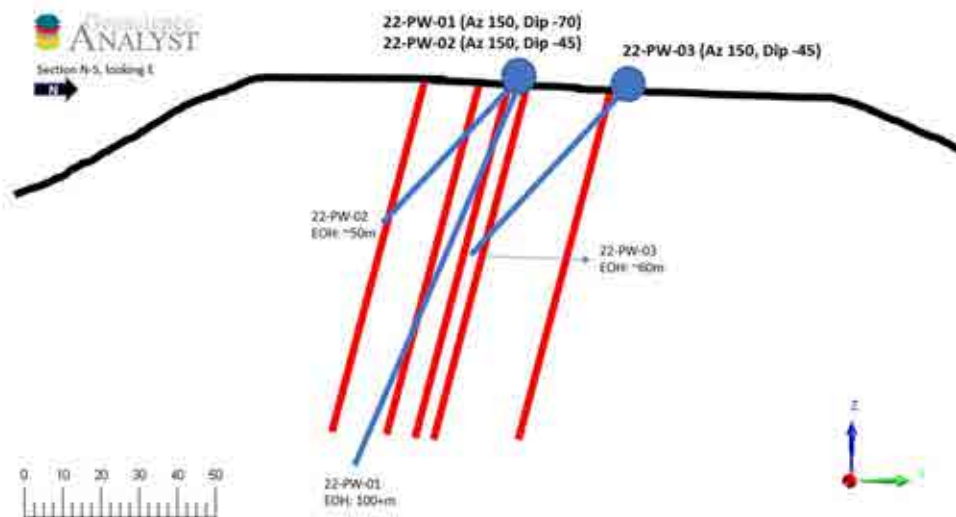


Figure 14: Adjusted cross section of proposed drillholes at the ERT Zone, with the interpreted mineralized shears identified in red.

Despite the changes in drillhole locations, the program was successful in achieving its objectives without any health and safety issues experienced by contractors or TMC staff. A plan map of the drillholes is shown below in Figure 15, and a schematic vertical cross section A – A' (looking southwest) is shown below in Figure 16.

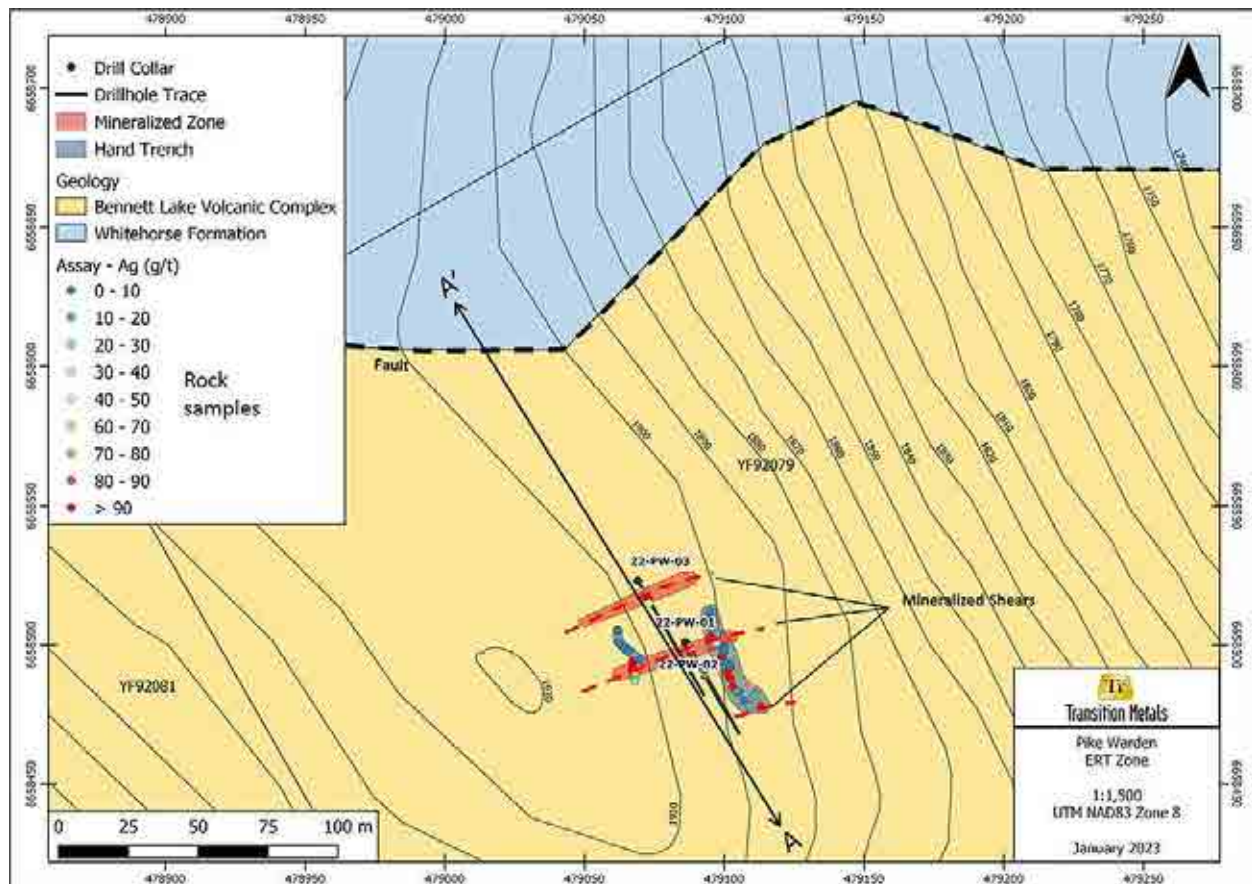


Figure 15: Plan map of drillholes, showing assay values and interpreted mineralized shears.

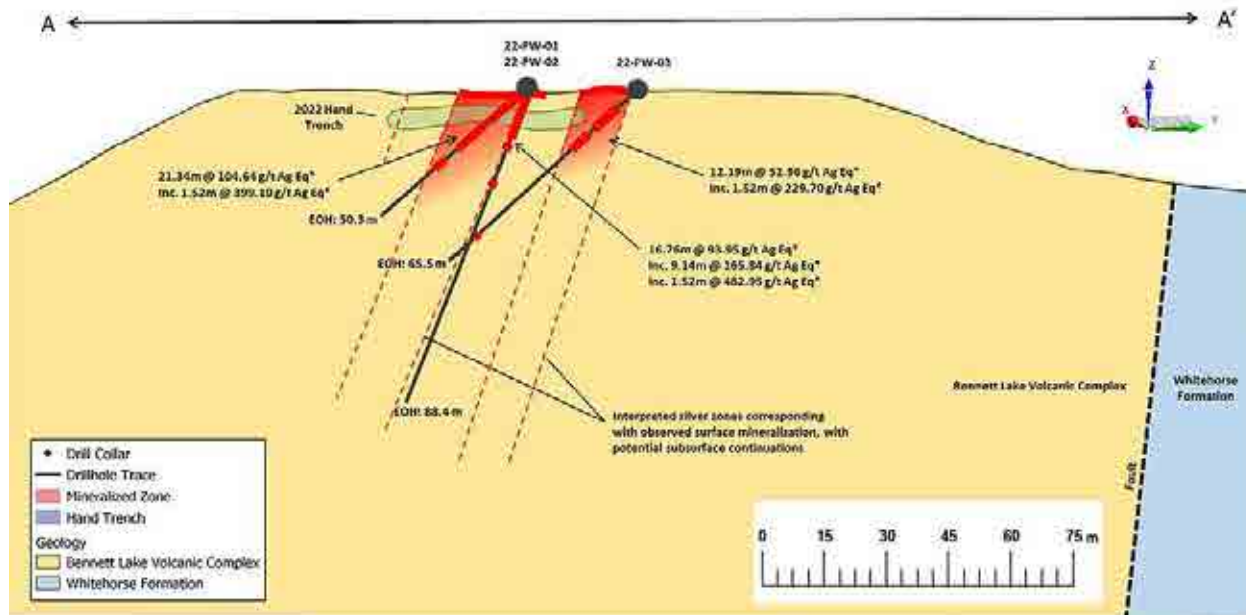


Figure 16: Schematic cross section A - A' of the ERT Zone.

5.3.2 DRILLHOLE SUMMARIES

The drilling equipment and procedure, including sample collection, sample security methods, and internal QA/QC program, are described in section 5.4. Summaries for each drillhole are included in section 5.3.2 below, and the detailed drill logs are included in Appendix C. Corresponding assay results and certificates are included in Appendix D.

The following sections provide a brief summary of the RC holes drilled at the ERT Zone. The lithologies were interpreted through visual observations during logging and further examined by plotting the geochemical assay data on a Jensen Cation Plot in ioGAS (Figure 17).

The lithologies encountered in the drillholes are generally calc-alkaline in composition and range from rhyolite to dacite and andesite to basalt, with a small number of samples plotting in the high iron and high magnesium tholeiitic basalt sections.

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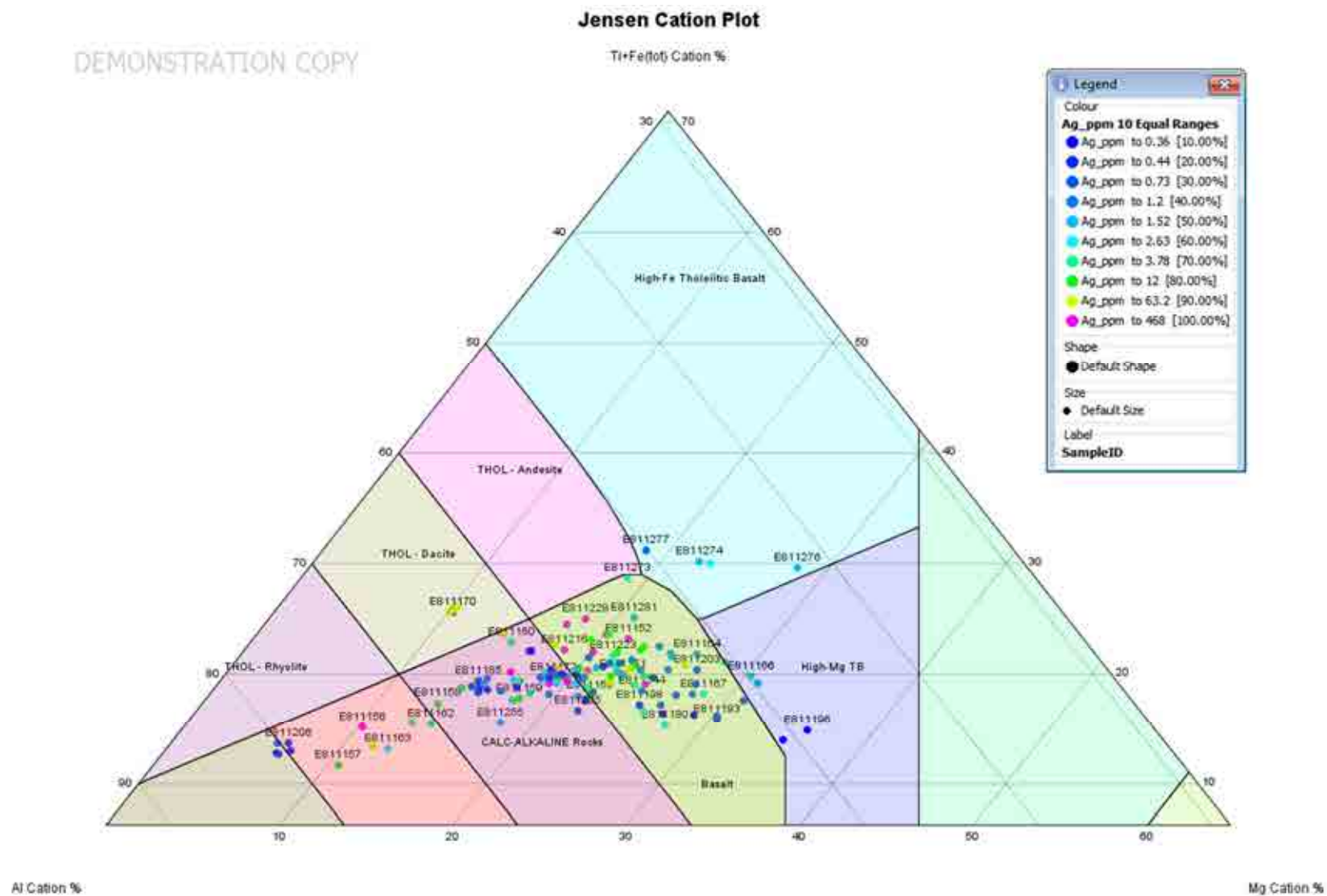


Figure 17: Drill samples plotted on a Jensen Cation Plot.

5.3.2.1 22-PW-01

Drillhole 22-PW-01 was drilled at an azimuth of 150 degrees and a dip of 70 degrees to a total depth of 88.4 metres. The hole collared immediately into a mafic volcanic unit with high-grade silver mineralization (0 metres to 1.52 metres at 468 g/t Ag) and some gold mineralization (0 metres to 1.52 metres at 0.191 g/t Au) which decrease with depth until the lithology changes to an intermediate volcanic unit at 7.62 metres. At this interval, there is an increase in both silver and gold mineralization, to 261 g/t and 0.315 g/t respectively. Both the mafic and intermediate units are generally medium to dark grey in colour, can contain opaque white quartz veining, often contain fine grained disseminated to isolated euhedral pyrite, and are generally siliceous or silicified. Some intervals are quartz and/or feldspar phyrlic, and some intervals also exhibit weak to moderate oxidation. The hole continues through alternating units of intermediate to mafic volcanics until 79.27 metres where a felsic volcanic unit is encountered. This unit is light grey in colour and is feldspar-quartz phyrlic with trace mica. The groundmass is very fine grained and siliceous.

5.3.2.2 22-PW-02

Drillhole 22-PW-02 was drilled at an azimuth of 154 degrees and a dip of 43 degrees to a total depth of 50.3 metres. The hole collared in an intermediate volcanic unit that is very fine to fine grained, and ranges from brownish orange to medium to dark grey in colour, with some intervals containing opaque white quartz veining and some chips that are feldspar phyrlic. There is a broader interval of elevated silver and gold mineralization from the start of the hole to approximately 9 metres, where grades range up to 145 g/t Ag and 0.374 g/t Au. From 13.7 metres to 22.8 metres there is another zone of elevated silver and gold mineralization, up to 362 g/t Ag and 0.474 g/t Au, hosted within a mafic volcanic unit. The mafic volcanic unit is very fine to fine grained, and ranges from medium to dark grey with some intervals containing feldspar-phyrlic chips. Both the mafic and intermediate units contain localized zones of weak to moderate oxidation and trace amounts of very fine to fine grained disseminated euhedral pyrite. The rest of the hole alternates between the mafic and intermediate volcanic units.

5.3.2.3 22-PW-03

Drillhole 22-PW-03 was drilled at an azimuth of 150 degrees and a dip of 45 degrees to a total depth of 65.5 metres. The first five-foot run of the hole did not have any recovery. The first sample obtained from the hole was at 1.52 metres in an intermediate volcanic unit. This unit ranges from brownish orange to tan to medium grey and is very fine to fine grained. It is siliceous or silicified, and some intervals contain localized patches of weak to moderate oxidation which is often associated around very fine grained tarnished cubic pyrite. The intermediate unit continues to 9.1 metres depth where the lithology changes to a mafic volcanic unit. This unit is medium to dark grey to greenish grey in colour, very fine to fine grained, and siliceous or silicified. Some crosscutting opaque grey to white quartz veining is visible in some chips. Minor amounts of disseminated euhedral cubic pyrite is present in most intervals of this unit. Some intervals also contain feldspar-quartz phyrlic chips. From 16.7 to 18.2 metres there is an increase in silver and gold grades to 211 g/t Ag and 0.239 g/t Au. The remainder of the hole consists of mafic volcanic intervals except for a single interval from 27.4 to 28.9 metres of intermediate volcanic material.

5.3.3 DISCUSSION AND INTERPRETATION

The drillholes intersected two sub-parallel zones of high-grade silver mineralization which dip steeply to the south (070°/65°). The zones are hosted within a broad zone of altered brecciated and flow-banded felsic to intermediate volcanoclastic rocks associated with the BLVC. Mineralization consists of diffuse, fine-grained, black to sooty, replacement style silver-bearing sulfosalts and sulfides associated with shear zones within a larger pyritic envelope. All three holes intersected significant values of silver near surface, as shown in the highlighted intervals in Table 12.

The mineralized zones are situated approximately 70 metres south of an interpreted structure which separates the Jurassic-aged Whitehorse formation granodiorites to the north from the Eocene-aged BLVC felsic to intermediate volcanic tuffs and flow breccias to the south, as shown in Figure 15. Field observations, along with the total magnetic response obtained from a high-resolution airborne magnetic survey flown by the Vendor in 2021, highlight this structure. The presence of the structure may also explain the anomalous silver values around the ERT Zone as found in the results of the 1988 soil survey (as mentioned in section 3.2). The shear structures identified from trenching and drilling appear to be part of a network of similarly oriented structures possibly also related to the BLVC boundary fault and may be part of the collapse structures in the BLVC. Further work is required to assess the extent of the intersected mineralization and to determine whether other identified structures associated with the BLVC may be mineralized.

5.4 SAMPLE PREPARATION, METHODOLOGY, ANALYSIS & SECURITY

Information within this section contains a detailed overview of the sampling methods, preparation, methodology, and security throughout the sampling procedure.

5.4.1 SAMPLE COLLECTION & SECURITY

5.4.1.1 PROSPECTING AND TRENCH SAMPLES

Exposed bedrock, talus slopes, and scree material were observed and sampled to identify possible controls on mineralization at Pike Warden, such as structure, lithology, and alteration. These efforts were focused around a select group of previously discovered mineralized showings on the property to both confirm historic results and obtain additional data. When promising characteristics were observed in grab, float, or outcrop samples, such as significant mineralization, sometimes a hand trench was constructed. The goal of the trenching was to possibly discover a bedrock source for the mineralization if the samples were float or subcrop, and to obtain information about the lithologies, alteration styles, and intensity of mineralization present.

During the July program, channel samples were chipped out by hand using geotools or mattocks. Sample lengths were determined by the lithology and competency of the material but ranged from 0.3 to 2.5 metres. Once the prospecting and trenching sample material was collected, the samples were described, labelled, placed into poly bags with assay tags, and then sealed with flagging tape or plastic zip ties. Groups of five to ten (depending on weight) sequentially numbered sample bags were placed in woven industrial engineered fabric shipping bags (rice bags) and securely closed with plastic zip ties for safe transportation off-site via helicopter, and later to the ALS Geochemistry-Whitehorse lab for sample preparation.

5.4.1.2 DRILL SAMPLES

The drilling was performed using a helicopter-portable, track-mounted reverse-circulation (RC) drill. The drill and associated equipment were mobilized to and from site over 10 helicopter lifts using a Bell 407 machine from Capital Helicopters. Once mobilized and assembled on-site, the drill was able to move under its own power using the tracks, and the compressor and support trailers were arranged in a central location, so they were accessible during the drilling of all holes. The drill was outfitted with a flyable air compressor with an output of 300 CFM at 200 PSI, allowing the equipment to reach a depth of 100 metres under normal ground conditions. A down-the-hole RC hammer with a 3.5" ballistic bit was used for drilling, along with a 4" HWT LHT steel drill casing with an asymmetrical casing advancer to drill through overburden.

A cyclone was used to collect sample material from the discharge hose over 5-foot runs. Approximately 20 kilograms of sample material were collected per run, which was then split on-site by the sampler using a riffle-style splitter. Half of the sample was collected in a poly bag and the other half of the sample was discarded on-site. All samples were double bagged so the outer poly bag was labelled with the assay tag number and contained the assay tag inside, and then the inner poly bag contained the sample. This reduced the chance of cross-contamination between samples. A sieve was used to separate and wash chips for the chip trays. All sample poly bags were zip tied closed on-site and then placed in labelled rice bags for transportation off-site via helicopter. No samples were compromised or lost during transport.

5.4.2 SAMPLE ANALYSIS

Samples were submitted to ALS Geochemistry-Whitehorse and were prepared using the analytical methods as described in the corresponding analytical certificates contained within Appendix D.

At ALS Geochemistry-Whitehorse, the samples were dried as required, crushed to 70% less than 2 mm or better using a jaw and/or roller crusher. The crushed sample was split using a riffle splitter and an approximately 1-kilogram split was pulverized to more than 85% passing 75 microns or better using a ring and puck grinding mill. The pulverized splits of the samples were transported by ALS Geochemistry-Whitehorse to their facility in North Vancouver (British Columbia) for analyses. The sample assurance system used complies with international standards ISO 9001:2000 and ISO 17025:2005.

The prospecting and hand trenching samples underwent the following methods: WEI-21, CRU-QC, PUL-QC, CRU-31, LOG-21, LOG-23, PUL-31, SPL-21, ASY-4A01, GEO-4A01, ME-MS61, Pb-OG62, Cu-OG62, ME-OG62, Ag-OG62, FA-FUSPG1, Au-ICP21, FA-FUSGV1, and Au-GRA21. The RC samples underwent the following methods: WEI-21, CRU-QC, CRU-31, LOG-21, LOG-23, PUL31, SPL-21, PUL-QC, FA-FUSPG1, Au-ICP21, GEO-4A01, ASY-4A01, Pb-OG62, Zn-OG62, ME-OG62, Ag-OG62, and ME-MS61.

5.4.3 INTERNAL QA/QC PROGRAM

5.4.3.1 PROSPECTING AND HAND TRENCHING SAMPLES

For rock samples, internal quality assurance and quality control (QA/QC) samples were added to the sample sequence. Certified reference blanks (white garden rock as silica blanks) and standard material (CDN-CGS-23) were inserted in the sample numbering sequence at regular intervals. Standards and blanks are identifiable within the assay certificates provided in Appendix D, as they typically have significantly

lower “received weights”. Internal QA/QC reports (not included with this assessment report) were generated by TMC staff for each laboratory batch as received, to maintain an internal continual compilation of QA/QC results. There were no undue analytical failures for this work program.

5.4.3.2 RC DRILLING SAMPLES

For the RC drill samples, internal QA/QC samples were added to the sample sequence. Certified reference blanks (white garden rock as silica blanks), standard material (CDN-ME-8), and field duplicates were inserted in the sample numbering sequence at regular intervals. Standards and blanks are identifiable within the assay certificates provided in Appendix D, as they typically have significantly lower “received weights”. Internal QA/QC reports (not included with this assessment report) were generated by TMC staff for each laboratory batch as received, to maintain an internal continual compilation of QA/QC results. There were no undue analytical failures for this work program.

Prior to sending the RC drill samples to the lab, a portable XRF analyzer unit was used with the objective of obtaining some initial mineralization estimations during the conduct of the drill program. All drill samples were analyzed in the geological sciences lab at Yukon University once they were collected from site. However, upon completion of the work, it was identified that damage to the analyzer had occurred at an unknown point during the analysis. After completing error calculations based on standard material values, it was concluded that the damage to the analyzer had introduced large amounts of error into the data. Given the significant inconsistencies with the standard material, the data was not considered valid for use within the project.

6.0 STATEMENT OF EXPENDITURES

The work programs were completed from July 16th-25th and October 14th-21st, 2022, with a total exploration expenditure of \$203,957.33 (excluding HST/GST). The total value of the work completed on the claims is summarized in Table 13 below. The full statement of expenditures is included within Appendix E along with supporting invoices, and the daily logs are included in Appendix F. The YMEP grant awarded to this project covers up to 60% of eligible expenses to a maximum funding amount of \$50,000.

Table 13: Summarized 2022 exploration expenditures.

Supplier	Category	Time Period	Cost
Transition Metals Corp	Labour	July 16-25, Oct. 14-21 (2022)	\$4,900.00
	Transportation	July 16-25, Oct. 14-21 (2022)	\$4,503.74
	Camp, Lodging & Misc	July 16-25, Oct. 14-21 (2022)	\$4,012.98
G. Collins Geoscience	Labour	July 16-25, Aug. 30, Sept. 30 (2022)	\$8,750.00
	Transportation	July 16-25, Aug. 30 (2022)	\$627.00
ALS Geochemistry	Analysis	2022	\$25,291.74
Archer, Cathro & Associates (1981) Ltd.	Labour	July 16-25, Sept. 30, Oct. 14-21, Nov.30 (2022)	\$48,917.50
	Transportation	July 16-25, Oct. 14-21 (2022)	\$48,086.13
	Camp, Lodging & Misc	July 16-25, Oct. 14-21, Nov. 30 (2022)	\$13,168.79
Subterra Exploration Ltd.	RC Drilling Services	Oct. 14-21 (2022)	\$45,699.45
Total 2022 Expenditures			\$203,957.33

7.0 DISCUSSION AND CONCLUSIONS

The Pike Warden property hosts silver, copper, gold, lead, and molybdenum mineralization. The mineralization seems to be structurally controlled, as multiple vein-hosted and shear-hosted showings have been discovered on the property, with highlight assay results up to 1,215 g/t Ag, 11.8 g/t Au, 5.11% Cu, and >20% Pb (overlimit). Mineralization tends to be concentrated near the intersection of northeast and east-west-trending structures. It is proposed that the mineralization could be related to the ring dike developed due to the caldera collapse of the BLVC. Numerous northeast-trending, Eocene-aged, compositionally diverse dikes on the property could also contribute to the observed mineralization. High silver, gold, copper, molybdenum, and lead values in quartz veins suggest a high-level expression of an intermediate sulfidation setting for the property. Additionally, the elevated copper and molybdenum values along with quartz-carbonate breccias, heterolithic intrusive breccias, and pervasive epidote-pyrite alteration within granodiorite at the Silver Train showing suggests potential for a buried porphyry system at depth.

Mineralization at the ERT Zone was appeared to differ from the other mineralization observed on the property, exhibiting characteristics of a high-sulfidation epithermal Ag-Au system. These are often associated with centres of magmatism and volcanism, which could be the role that the BLVC plays in this

case. Many of the higher-grade chip samples were obtained from structural zones, rather than veins like at multiple other showings on the property. Furthermore, the observed mineralization included a mix of fine-grained grey to black sooty sulfides presumed to include stibnite. This was not observed at any of the other visited showings. Future work at the ERT Zone should place more importance on identifying these structural zones to expand the possible area of mineralization.

The polymetallic, vein-hosted style of mineralization observed in some location on the Pike Warden property appears comparable to deposit styles being explored by WHG at the Skukum Creek property located 10 kilometres to the north. In the Skukum Creek area, zones of mineralization are hosted primarily by northeast-trending faults. At Pike Warden, much of the observed mineralization also appears to be structurally controlled and particularly concentrated near the intersections of northeast and east-west-trending structures. At Skukum Creek, the Rainbow and Kuhn zones occur along intermixed andesite and rhyolite dikes, monolithic and polyolithic phreatomagmatic breccias, semi-brittle shear zones and quartz-sulfide veins within the Mt. McNeil granodiorite. The Bonanza showing is interpreted to be a potential analogue to Skukum Creek, as there is high-grade vein float spatially associated with northeast-trending flow-banded rhyolite dykes.

8.0 RECOMMENDATIONS

The work programs completed in 2022, supported by historical exploration work and findings, suggest there is high potential for additional polymetallic mineralization on the property that may be related to a larger underlying porphyry-epithermal system. To better understand the scope of this potential, and to continue moving the project forwards, it is recommended that the following options be considered for work on the property in the future:

1. LiDAR survey to obtain more accurate contours of the property for future exploration work and structural interpretations.
2. Detailed interpretation of the available airborne geophysical data to generate additional prospecting targets.
3. Synchrotron analysis of pulps to characterize alteration on the property.
4. Petrographic analysis of representative samples collected to characterize the main lithological units, alteration, and mineralization.
5. Locate and sample the Confession, Repent, and Squeaker showings.
6. Follow-up trenching around and on select property showings to discover sources of the mineralized talus/float samples previously collected.
7. Prospecting and sampling the north-northwest portion of the property which was not covered in the 2022 programs.
8. Talus sampling program for a systematic mapping approach, particularly in the area of the identified trend along the Silver Saddle, Middle/Lead-Gold Saddle, and Upper Saddle showings.
9. Additional RAB/RC drilling for infilling or at new targets identified through future work.

9.0 STATEMENT OF AUTHORS

9.1 HART, T.

I, Thomas R. Hart, of the City of Kitchener, in the Province of Ontario, do hereby certify that:

1) I am a registered Professional Geoscientist, PGO, NAPEG, residing at 31 Ridgemount Street, Kitchener, Ontario, N2P 0J3.

2.) I graduated from the University of Western Ontario (1980) with an HBSc in Geology, and the University of Toronto (1984) with an MSc in Geology. I am registered as a Professional Geoscientist with the Professional Geoscientists of Ontario I have been practicing full-time as a geoscientist in Canada since 1984.

3) I am contracted to be the vice-president, exploration, and an officer of Transition Metals Corp. supervising the 2022 field programme.

Signed this Monday, 30 January 2023, in the City of Kitchener, Ontario



Thomas R. Hart, P. Geo

9.2 REESE, S.

I, Sarah Reese, do hereby certify that:

1) I am an employee of Transition Metals Corp.

2) I currently reside at 91 Hyland Drive, Unit 3, Sudbury, ON P3E 1R7.

3) I graduated with a B.A.Sc. in Geological Engineering in 2022 from Queen's University.

4) I have been working in geological capacity within Canada since 2019.

Signed this Monday, 30 January 2023, in the City of Sudbury, Ontario



Sarah Reese

10.0 REFERENCES

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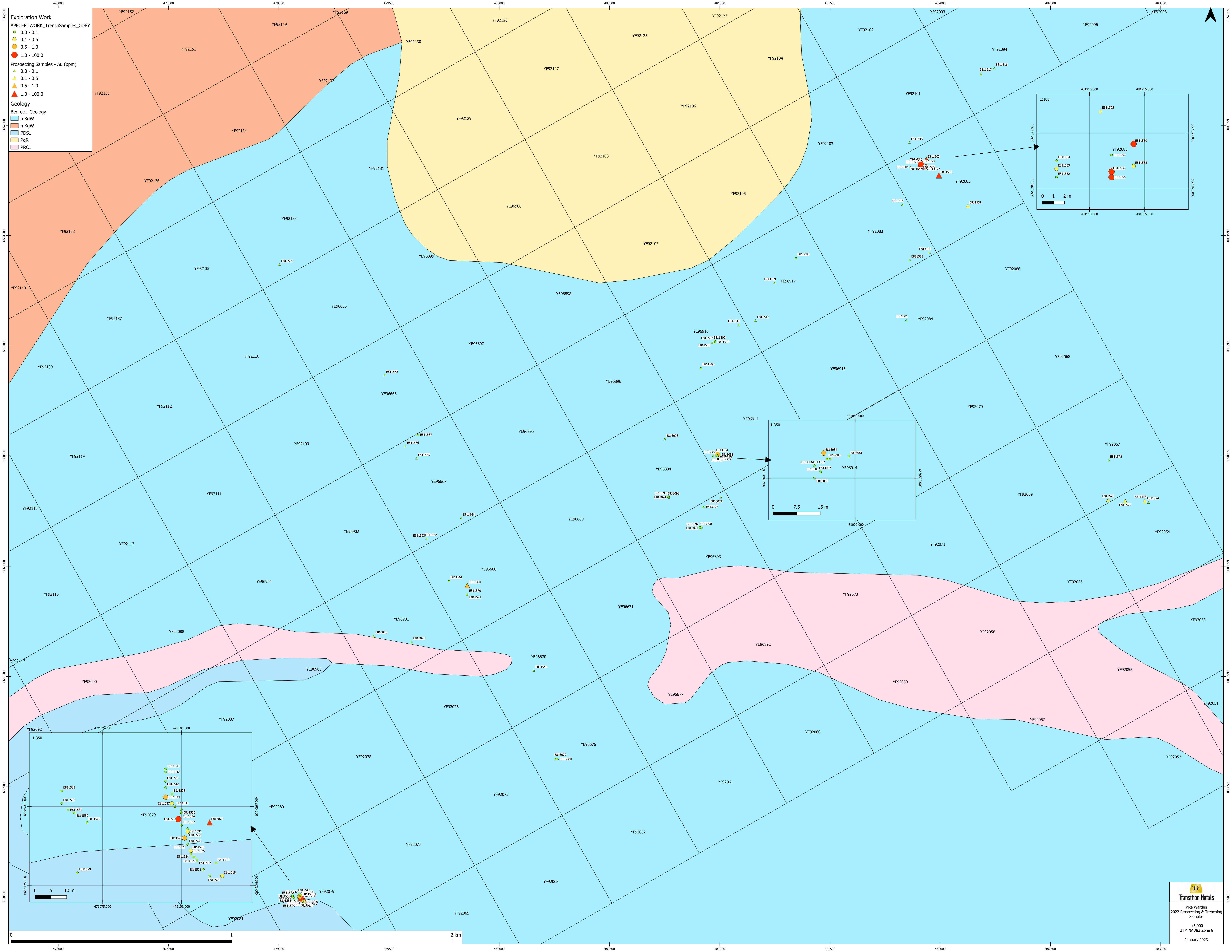
Appendix A – Property Claim Data and Sample Map

Grant Number	Claim Name	Claim Number	Claim Owner	Operation Recording Date	Staking Date	Claim Expiry Date	NTS Map Number	Grouping Number
YE96665	PIKE	1	Ryan Burke - 100%	2019-09-09	2019-09-01	2035-01-06	105D03	HW07801
YE96666	PIKE	2	Ryan Burke - 100%	2019-09-09	2019-09-01	2035-01-06	105D03	HW07801
YE96667	PIKE	3	Ryan Burke - 100%	2019-09-09	2019-09-01	2035-01-06	105D03	HW07801
YE96668	PIKE	4	Ryan Burke - 100%	2019-09-09	2019-09-01	2035-01-06	105D03	HW07801
YE96669	PIKE	5	Ryan Burke - 100%	2019-09-09	2019-09-01	2035-01-06	105D03	HW07801
YE96670	PIKE	6	Ryan Burke - 100%	2019-09-09	2019-09-01	2035-01-06	105D03	HW07801
YE96671	PIKE	7	Ryan Burke - 100%	2019-09-09	2019-09-01	2035-01-06	105D03	HW07801
YE96672	WARDEN	1	Ryan Burke - 100%	2019-09-10	2019-08-31	2035-01-06	105D03	HW07801
YE96673	WARDEN	2	Ryan Burke - 100%	2019-09-10	2019-08-31	2035-01-06	105D03	HW07801
YE96674	WARDEN	3	Ryan Burke - 100%	2019-09-10	2019-08-31	2035-01-06	105D03	HW07801
YE96675	WARDEN	4	Ryan Burke - 100%	2019-09-10	2019-08-31	2035-01-06	105D03	HW07801
YE96676	PIKE	8	Ryan Burke - 100%	2019-09-09	2019-09-01	2035-01-06	105D03	HW07801
YE96677	PIKE	9	Ryan Burke - 100%	2019-09-09	2019-09-01	2035-01-06	105D03	HW07801
YE96892	PIKE	10	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96893	PIKE	11	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96894	PIKE	12	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96895	PIKE	13	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96896	PIKE	14	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96897	PIKE	15	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96898	PIKE	16	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96899	PIKE	17	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96900	PIKE	18	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
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YE96902	PIKE	20	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96903	PIKE	21	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96904	PIKE	22	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96905	WARDEN	5	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96906	WARDEN	6	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96907	WARDEN	7	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96908	WARDEN	8	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
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YE96912	WARDEN	12	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
YE96913	WARDEN	13	Ryan Burke - 100%	2020-07-06	2020-07-04	2035-01-06	105D03	HW07801
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YE96915	PIKE	24	Ryan Burke - 100%	2020-09-01	2020-08-29	2035-01-06	105D03	HW07801
YE96916	PIKE	25	Ryan Burke - 100%	2020-09-01	2020-08-29	2035-01-06	105D03	HW07801
YE96917	PIKE	26	Ryan Burke - 100%	2020-09-01	2020-08-29	2035-01-06	105D03	HW07801
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YF92060	PIKE	36	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92061	PIKE	37	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92062	PIKE	38	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92063	PIKE	39	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92064	PIKE	40	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92065	PIKE	41	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92066	PIKE	42	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801

Grant Number	Claim Name	Claim Number	Claim Owner	Operation Recording Date	Staking Date	Claim Expiry Date	NTS Map Number	Grouping Number
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YF92069	PIKE	45	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92070	PIKE	46	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92071	PIKE	47	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92072	PIKE	48	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92073	PIKE	49	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
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YF92082	PIKE	58	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
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YF92084	PIKE	60	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92085	PIKE	61	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92086	PIKE	62	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92087	PIKE	63	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92088	PIKE	64	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92089	PIKE	65	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92090	PIKE	66	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92091	PIKE	67	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92092	PIKE	68	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
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YF92095	PIKE	71	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92096	PIKE	72	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
YF92097	PIKE	73	Ryan Burke - 100%	2021-01-29	2021-01-28	2029-01-06	105D03	HW07801
YF92098	PIKE	74	Ryan Burke - 100%	2021-01-29	2021-01-28	2029-01-06	105D03	HW07801
YF92099	PIKE	75	Ryan Burke - 100%	2021-01-29	2021-01-28	2029-01-06	105D03	HW07801
YF92100	PIKE	76	Ryan Burke - 100%	2021-01-29	2021-01-28	2029-01-06	105D03	HW07801
YF92101	PIKE	77	Ryan Burke - 100%	2021-01-29	2021-01-28	2032-01-06	105D03	HW07801
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YF92109	PIKE	85	Ryan Burke - 100%	2021-01-29	2021-01-27	2032-01-06	105D03	HW07801
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YF92111	PIKE	87	Ryan Burke - 100%	2021-01-29	2021-01-27	2032-01-06	105D03	HW07801
YF92112	PIKE	88	Ryan Burke - 100%	2021-01-29	2021-01-27	2032-01-06	105D03	HW07801
YF92113	PIKE	89	Ryan Burke - 100%	2021-01-29	2021-01-27	2032-01-06	105D03	HW07801
YF92114	PIKE	90	Ryan Burke - 100%	2021-01-29	2021-01-27	2032-01-06	105D03	HW07801
YF92115	PIKE	91	Ryan Burke - 100%	2021-01-29	2021-01-27	2030-01-06	105D03	HW07801
YF92116	PIKE	92	Ryan Burke - 100%	2021-01-29	2021-01-27	2030-01-06	105D03	HW07801
YF92117	PIKE	93	Ryan Burke - 100%	2021-01-29	2021-01-27	2030-01-06	105D03	HW07801
YF92118	PIKE	94	Ryan Burke - 100%	2021-01-29	2021-01-27	2030-01-06	105D03	HW07801
YF92119	PIKE	95	Ryan Burke - 100%	2021-01-29	2021-01-27	2030-01-06	105D03	HW07801
YF92120	PIKE	96	Ryan Burke - 100%	2021-01-29	2021-01-27	2030-01-06	105D03	HW07801
YF92121	PIKE	97	Ryan Burke - 100%	2021-01-29	2021-01-27	2030-01-06	105D03	HW07801

Grant Number	Claim Name	Claim Number	Claim Owner	Operation Recording Date	Staking Date	Claim Expiry Date	NTS Map Number	Grouping Number
YF92122	PIKE	98	Ryan Burke - 100%	2021-01-29	2021-01-27	2030-01-06	105D03	HW07801
YF92123	PIKE	99	Ryan Burke - 100%	2021-01-29	2021-01-27	2031-01-06	105D03	HW07801
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YF92125	PIKE	101	Ryan Burke - 100%	2021-01-29	2021-01-27	2031-01-06	105D03	HW07801
YF92126	PIKE	102	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92127	PIKE	103	Ryan Burke - 100%	2021-01-29	2021-01-27	2032-01-06	105D03	HW07801
YF92128	PIKE	104	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92129	PIKE	105	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92130	PIKE	106	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92131	PIKE	107	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92132	PIKE	108	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92133	PIKE	109	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92134	PIKE	110	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92135	PIKE	111	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92136	PIKE	112	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92137	PIKE	113	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92138	PIKE	114	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92139	PIKE	115	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92140	PIKE	116	Ryan Burke - 100%	2021-01-29	2021-01-27	2031-01-06	105D03	HW07801
YF92141	PIKE	117	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92142	PIKE	118	Ryan Burke - 100%	2021-01-29	2021-01-27	2031-01-06	105D03	HW07801
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YF92146	PIKE	122	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92147	PIKE	123	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
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YF92152	PIKE	128	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92153	PIKE	129	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92154	PIKE	130	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92155	PIKE	131	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92156	PIKE	132	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92157	PIKE	133	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92158	PIKE	134	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
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YF92162	PIKE	138	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92163	PIKE	139	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
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YF92165	PIKE	141	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92166	PIKE	142	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92167	PIKE	143	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92168	PIKE	144	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92169	PIKE	145	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92170	PIKE	146	Ryan Burke - 100%	2021-01-29	2020-02-27	2029-01-06	105D03	HW07801
YF92171	PIKE	147	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92172	PIKE	148	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92173	PIKE	149	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92174	PIKE	150	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92175	PIKE	151	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92176	PIKE	152	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801

Grant Number	Claim Name	Claim Number	Claim Owner	Operation Recording Date	Staking Date	Claim Expiry Date	NTS Map Number	Grouping Number
YF92177	PIKE	153	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92178	PIKE	154	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92179	PIKE	155	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92180	PIKE	156	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92181	PIKE	157	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92182	PIKE	158	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92183	PIKE	159	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92184	PIKE	160	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92185	PIKE	161	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92186	PIKE	162	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92187	PIKE	163	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92188	PIKE	164	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92189	PIKE	165	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92190	PIKE	166	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92191	PIKE	167	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92192	PIKE	168	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92193	PIKE	169	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92194	PIKE	170	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92195	PIKE	171	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801
YF92196	PIKE	172	Ryan Burke - 100%	2021-01-29	2021-01-27	2029-01-06	105D03	HW07801



Appendix B – Rock Sample Descriptions

ALS Sample Number	ALS Batch Number	Station ID	Area	Sample Date DD-MM-YYYY	UTM Info	Easting (m)	Northing (m)	Elevation (m)	Sample Type	Lithology	Notes on Lithology	Notes on Alteration	Notes on Veins	Notes on Mineralization	Structural Measurements
E811053	WH22206418	E811053	Scree E of Pb-Au Saddle	19-Jul-22	UTM NAD83 8N	481937	6661843	1864	Float	Vein			Massive galena in vugs. Rusty weathered quartz vein. Infill of the galena within the vein. Minor chalcopyrite; pyrite. Vuggy vein with large quartz crystals; almost terminating. Fluid that filled vugs likely had sulfides - potential secondary stage of mineralization?		
E811501	WH22206418	E811501	Ag Scree ?	20-Jul-22	UTM NAD83 8N	481846	6661116	1815	Float	Quartz vein	Rusty weathered quartz vein that cuts moderately altered granodiorite (float boulder 10x20x10 cm); patches and disseminated py (5-8%) minor gn				
E811502	WH22206418	E811502	Pb-Au Saddle	19-Jul-22	UTM NAD83 8N	481994	6661773	1807	Float	Quartz vein	Rusty; banded appearing quartz vein (crack seal texture) patches of gn (2%) and py (2%) with minor cpy and malachite				
E811503	WH22206418	E811503	Pb-Au Saddle	19-Jul-22	UTM NAD83 8N	481937	6661843	1864	Float	Quartz vein	rusty weather quartz vein boulder (30x30x30 cm); quartz is fine-grained with large vugs (up to 10 cm long) filled with coarse grained quartz crystals and massive galena		Massive galena in vugs. Rusty weathered quartz vein. Infill of the galena within the vein. Minor chalcopyrite; pyrite. Vuggy vein with large quartz crystals; almost terminating. Fluid that filled vugs likely had sulfides - potential secondary stage of mineralization?		
E811504	WH22206418	E811504	Pb-Au Saddle	19-Jul-22	UTM NAD83 8N	481867	6661811	1877	Float		large (40x25x30 cm) boulder of rusty quartz vein; limonite on all surfaces; fine-grained grey quartz with small vugs; disseminated and seams of py; gn +/- aspy (total ~5-10%)				
E811505	WH22206418	E811505	Pb-Au Saddle	19-Jul-22	UTM NAD83 8N	481911	6661827	1867	Outcrop/grab		grab sample from vein outcrop; white coarse grained qtz with patchy massive galena and local cpy				
E811506	WH22206418	E811506	Bonanza North	18-Jul-22	UTM NAD83 8N	480915	6660901	1894	Float		Rusty weathered; fine-grained slightly translucent quartz vein; minor vugs filled with py; pyrite also developed along fractures (3-5% py +/- aspy)				
E811507	WH22206418	E811507	Bonanza North	18-Jul-22	UTM NAD83 8N	480979	6661023	1958	Outcrop	Quartz vein	Rusty weathered; fine-grained qtz vein up to 10 cm wide (down to 5 cm); locally banded with altered wall rock along band edges; seams and massive clots and patches of py and aspy; minor scorodite and probable illite or green sericite around sulphides (vein orientation 052/70)				
E811508	WH22206418	E811508	Bonanza North	18-Jul-22	UTM NAD83 8N	480966	6661015	1953	Float		Almost subcrop; rust quartz vein boulder right beside outcrop; likely didn't move too far; 20 cm wide vein in float with vugs (1-3 cm) filled with massive py and aspy; partially banded texture with py and aspy along bands				
E811509	WH22206418	E811509	Bonanza North	18-Jul-22	UTM NAD83 8N	480979	6661019	1963	Outcrop	Quartz vein	5 cm wide rusty weathered quartz vein; locally vuggy with vugs filled with massive py +/- aspy				

ALS Sample Number	ALS Batch Number	Station ID	Area	Sample Date DD-MM-YYYY	UTM Info	Easting (m)	Northing (m)	Elevation (m)	Sample Type	Lithology	Notes on Lithology	Notes on Alteration	Notes on Veins	Notes on Mineralization	Structural Measurements
E811510	WH22206418	E811510	Bonanza North	18-Jul-22	UTM NAD83 8N	480980	6661018	1959	Chip	Bt-hbl-granodiorite	2 m chips sample through altered; rusty bt-hbl-gd; disseminated pyrite; magnetite and thin (<1cm) rusty quartz veins; ep and chl alteration pervasive				
E811511	WH22206418	E811511	Ag Scree ?	20-Jul-22	UTM NAD83 8N	481085	6661094	1993	Outcrop	Diorite	3-6 cm wide white quartz vein in fine-grained hbl-qtz diorite; vein has ep;chl selvages and pervasive ep; chl alteration in wall rock; minor disseminated cpy and gn (<1%)				
E811512	WH22206418	E811512	Ag Scree ?	20-Jul-22	UTM NAD83 8N	481163	6661115	2070	Float	Qtz diorite	Large boulder (1 m x 50cm x 50 cm) of rusty weathered quartz diorite cut by several py; qtz-epidote veins ~1/2 cm thick; host rock has been silicified and has up to 5% disseminated py; veins are locally vuggy with vugs filled with py +/- aspy				
E811513	WH22206418	E811513	Ag Scree ?	20-Jul-22	UTM NAD83 8N	481862	6661390	1839	Float		Talus float of rusty quartz vein; fine to medium grained white to grey qtz with patches and seams of pyrite; minor vugs filled and/or coated with pyrite				
E811514	WH22206418	E811514	Ag Scree ?	20-Jul-22	UTM NAD83 8N	481828	6661639	1910	Subcrop		rusty weathered with to grey quartz vein; locally vuggy with vugs filled with pyrite +/- gn				
E811515	WH22206418	E811515			UTM NAD83 8N	481861	6661923	1941	Outcrop	Qtz carb vein	5-10 cm wide rusty weathered qtz-carb vein; disseminated pyrite (~10%) wall rock fragments and bands within give a banded texture; trace cpy; aspy and gn				
E811516	WH22206418	E811516			UTM NAD83 8N	482245	6662260	1797	Float		Large (30x40x20cm) talus block of rusty quartz with banded texture of with and grey quartz with bands separated by thin; very fine-grained sulphides (possibly hematite/graphite as well); disseminated py up to 2%				
E811517	WH22206418	E811517	Upper Saddle ?	19-Jul-22	UTM NAD83 8N	482186	6662235	1850	Float		rusty weathered quartz vein boulder in talus; coarse-grained milky quartz hosting disseminated galena; cpy and py; minor scorodite				
E811544	WH22206418	E811544	Silver Train	20-Jul-22	UTM NAD83 8N	480157	6659528	1724	Float		Slightly rusty quartz vein in talus (20x15x20 cm); some hematite on surfaces; coarse to medium grained grey/greenish quartz with seams and patches of cpy; py and gn				
E811551	WH22206418	22SR094	E of Ag Scree	19-Jul-22	UTM NAD83 8N	482126	6661635	1751	Float	Vein			Crack seal quartz vein. 5-8% galena; semi massive along layers. Minor pyrite; fine grained disseminated along quartz layers also. Iron carbonate/limonite along layers.		

ALS Sample Number	ALS Batch Number	Station ID	Area	Sample Date DD-MM-YYYY	UTM Info	Easting (m)	Northing (m)	Elevation (m)	Sample Type	Lithology	Notes on Lithology	Notes on Alteration	Notes on Veins	Notes on Mineralization	Structural Measurements
E811560	WH22206418	22SR097	Ag Scree	20-Jul-22	UTM NAD83 8N	479855	6659913	1726	Float	Vein			Quartz vein with layered texture; potentially crack seal. Semi massive galena with associated chalcopyrite and minor pyrite. Total sulfides 8-10%. Minor epidote alteration and chlorite present along planes within vein and around margins. Minor orange iron carbonate/oxidation along some fracture surfaces.		
E811561	WH22206418	PW-13	Silver Train	20-Jul-22	UTM NAD83 8N	479772	6659935	1729	Talus	Quartz diorite	Medium grained quartz-bearing diorite.			Trace pyrite; chalcopyrite + molybdenite.	
E811562	WH22206418	PW-15	Silver Train	20-Jul-22	UTM NAD83 8N	479670	6660124	1756	Outcrop	Quartz diorite	Quartz diorite intruded by mafic dike.	Moderate pervasive chlorite; epidote; hematite alteration developed around margins of dike.	Quartz vein with malachite staining.	Sporadic patches of sulfide. Patchy pyrite/magnetite with minor malachite staining.	
E811563	WH22206418	E811563	Silver Train	20-Jul-22	UTM NAD83 8N	479670	6660124	1756	Outcrop	Quartz diorite	Quartz diorite intruded by mafic dike. Second sample for PW-15.	Moderate pervasive chlorite; epidote; hematite alteration developed around margins of dike.	Quartz vein with malachite staining.	Sporadic patches of sulfide. Patchy pyrite/magnetite with minor malachite staining.	
E811564	WH22206418	PW-16	?	20-Jul-22	UTM NAD83 8N	479828	6660219	1712	Outcrop	Rhyolite	Medium grained rusty coloured quartz porphyritic/rhyolite. In contact with quartz diorite.	Moderate pervasive iron carbonate alteration.		1-2% disseminated pyrite.	Vein [230/68]
E811565	WH22206418	PW-18	?	20-Jul-22	UTM NAD83 8N	479625	6660490	1754	Talus	Hornblende diorite	Fine grained.			3-5% fine grained disseminated pyrite.	
E811566	WH22206418	PW-19	Pucker Zone	20-Jul-22	UTM NAD83 8N	479575	6660545	1754	Talus	Mafic dike	Fine grained green silicified mafic dike (?). Sample collected 15m below exposed vein in cliff in a recessed gorge occupied by mafic dike.		Larger pieces of milky white quartz vein with chlorite hosting patchy mineralization.	Patchy stringers of pyrite and minor chalcopyrite within the vein.	
E811567	WH22206418	PW-20	Pucker Zone	20-Jul-22	UTM NAD83 8N	479631	6660597	1728	Talus	Mafic dike			Large vein pieces abundant in sample area. Vein is milky with chlorite along fractures.	Vein hosts stringers of pyrite and minor chalcopyrite.	
E811568	WH22206418	PW-21	?	20-Jul-22	UTM NAD83 8N	479480	6660867	1660	Talus	Unknown			Quartz carbonate/chlorite vein. Rusty.	Disseminated pyrite.	
E811569	WH22206418	PW-22	Cu North	20-Jul-22	UTM NAD83 8N	479004	6661369	1597	Talus	Rhyolite	Buff volcanic. Sample taken 100m below rusty gossan - too tricky to reach.	Carbonate altered.		Trace pyrite; no copper observed.	
E811570	WH22206418	PW-11	Silver Train	20-Jul-22	UTM NAD83 8N	479856	6659874	1764	Outcrop	Quartz diorite	Medium grained quartz-bearing diorite.		2cm quartz vein.	Disseminated pyrite and trace chalcopyrite in vein. Disseminated to patchy pyrite in wall rock.	Quartz vein [230/60]
E811571	WH22206418	PW-12	Silver Train	20-Jul-22	UTM NAD83 8N	479855	6659872	1765	Outcrop	Quartz diorite	Medium grained quartz-bearing diorite.			Disseminated pyrite with trace chalcopyrite. 2-3% disseminated pyrite.	
E811572	WH22206418	PW-26	Cro	21-Jul-22	UTM NAD83 8N	482764	6660482	2209	Grab - Subcrop	Rhyolite	Dike	Carbonatized	No apparent veining	Disseminated trace pyrite	
E811573	WH22206418	PW-31	Cro	21-Jul-22	UTM NAD83 8N	482929	6660297	2236	Grab - Subcrop	Amphibole tonalite ?			Rusty subcropping quartz vein with malachite staining. Contains chalcopyrite and pyrite (disseminated). Heavily oxidized. Veining is milky white with chlorite. Total sulfides 2-3%. Terminating quartz crystals present especially in vugs where sulfides are also concentrated.		
E811574	WH22206418	PW-32	Cro	21-Jul-22	UTM NAD83 8N	482945	6660290	2232	Grab - Subcrop	Vein			Crack seal quartz vein with chlorite and chalcopyrite. Chlorite veinlets almost; with some quartz. Silicified. Iron carbonate along patches of the surface. Fracture controlled quartz carbonate alteration. Erratic veining. Late chlorite seams?		
E811575	WH22206418	PW-33	Cro	21-Jul-22	UTM NAD83 8N	482839	6660297	2240	Grab - Subcrop	Duplicate sample	Duplicate sample of 3853009				

ALS Sample Number	ALS Batch Number	Station ID	Area	Sample Date DD-MM-YYYY	UTM Info	Easting (m)	Northing (m)	Elevation (m)	Sample Type	Lithology	Notes on Lithology	Notes on Alteration	Notes on Veins	Notes on Mineralization	Structural Measurements
E811576	WH22206418	PW-35	Cro	21-Jul-22	UTM NAD83 8N	482762	6660300	2198	Grab - Talus	Vein			Rusty quartz vein. Sulfidic. 2-3% disseminated pyrite.		
E811577	WH22206418	PW-39	ERT Zone	22-Jul-22	UTM NAD83 8N	479385	6658251	1754	Grab-Outcrop	Sheared Rhyolite	Sheared rhyolite; laminar; with discontinuous qtz veining; Heavy zones of sulphidation in and around veining and wallrock; sulphides in veining 3-5%				
E813074	WH22206418	E813074	Bonanza	18-Jul-22	UTM NAD83 8N	481005	6660313	1908	Outcrop		Thin rusty weathered quartz vein developed along prominent fracture in Bt-granodiorite; limonite along fractures; vein 'blows-out' to 5-10 cm thick; disseminated and patchy pyrite up to 3%				Vein (037/86) Slicks on vein surface 30->041 oblique sinistral?
E813075	WH22206418	E813075	Silver Train	20-Jul-22	UTM NAD83 8N	479603	6659658	1802	Float	Hbl-qtz-diorite	Boulder of strongly altered hbl-qtz-diorite with 5 cm wide quartz vein cutting through; qtz-diorite has disseminated and locally stringers of cpy and minor disseminated mo; strongly chlorite and epidote altered; quartz vein is white to light grey fine-grained quartz with disseminated cpy and minor mo				
E813076	WH22206418	E813076	Silver Train	20-Jul-22	UTM NAD83 8N	479431	6659685	1827	Subcrop	Quartz vein in qtz-diorite	Quartz vein cutting strongly altered qtz-diorite; diorite is silicified locally with thin quartz veinlets and minor vugs; disseminated cpy and minor mo; local patchy cpy; chlorite and epidote alteration pervasive within the qtz diorite				
E813077	WH22206418	22SR095	Scree E of Pb-Au Saddle	19-Jul-22	UTM NAD83 8N	481936	6661814	1858	Float	Vein			Crack seal quartz vein. Extremely gossanous/rusty. Unsure of original host rock. Boulder roughly 1.5x0.5ft. Strong oxidation. Very vuggy and has infilling quartz (terminating and euhedral in some places). Fine grained pyrite with potential very fine grained galena. Semi massive silvery/dark grey mineral that is weakly magnetic; unsure. Total sulfides 1-2%.		
E813078	WH22206418	22SR070	ERT Zone	16-Jul-22	UTM NAD83 8N	479109	6658495	1947	Grab	Rhyolite	Rhyolite dike sampled on E side of ridge. Brecciated in some areas with angular to subangular clasts of rhyolite. Some concentrations of more siliceous material that is white to light grey in colour and generally not magnetic. Fine grained. Weathered surface is medium to dark grey and fresh is medium grey. Weak to moderate patchy pervasive magnetism.	Fracture controlled. Clasts have epidote alteration. Some oxidation on fracture surfaces. Moderate epidote alteration overall. Pervasive white; powdery clay alteration.		Very fine grained brassy/dark grey mineral present - tennantite or tetrahedrite? Very fine to fine grained sulfide (pyrite) present.	

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E813079	WH22206418	22SR071	Boots	16-Jul-22	UTM NAD83 8N	480257	6659127	1903	Grab	Hornblende granitoid	Biotite hornblende granitoid. White to cream weathered surface and white to light grey fresh surface.		Discontinuous quartz vein sampled - contains pyrite; chalcopyrite; and malachite staining. Significant malachite staining going from green to blue. Oxidation along fractures and some weathered surfaces. Crack seal texture and very coarse grained quartz composing the vein. Malachite staining also around quartz vein material in the host rock.	Total sulfides 3-5%.	
E813080	WH22206418	22SR072	Boots	16-Jul-22	UTM NAD83 8N	480265	6659126	1909	Grab	Hornblende granitoid	Biotite hornblende granitoid. White to cream weathered surface and white to light grey fresh surface.	Moderate to strong oxidation and potential minor hematite staining along fractures and weathered surfaces. Patchy epidote alteration in the host rock. Strong malachite staining associated with sulfides.	Minor oxidation along some fractures in the vein. Quartz vein associated with semi massive to massive sulfide; mainly chalcopyrite with minor very fine grained galena. Chalcocite also present.	Mineralization in vein.	
E813089	WH22206418	22SR081	Bonanza	17-Jul-22	UTM NAD83 8N	480971	6660501	1910	Grab	Rhyolite	Pink and orange in colour.	Minor oxidation in host rock.	Quartz vein present that is white to bull white in colour and has strong oxidation along the margins. Some quartz carbonate stringers running through host rock with oxidation along margins.	Fine grained disseminated pyrite in host rock 1-2%.	
E813096	WH22206418	22SR088	Bonanza Scree	18-Jul-22	UTM NAD83 8N	480751	6660577	1748	Float	Vein			Quartz with plagioclase and potentially trace calcite? Some coarse grained biotite. Feldspars are creamy pale green to yellow. Minor orange oxidation and trace very fine grained to fine grained sulfides (pyrite).		
E813097	WH22206418	PW-1	Bonanza	18-Jul-22	UTM NAD83 8N	480928	6660270	1851	Talus	Rhyolite	Altered rhyolite float.	Carbonate and possibly sericite alteration.	Quartz carbonate veining present.	Trace pyrite.	
E813098	WH22206418	PW-4	Ag Scree	19-Jul-22	UTM NAD83 8N	481346	6661400	2128	Talus	Granite	Duplicate of vein sample hosting galena at Ag Scree showing site.		10 cm wide quartz vein.	10-50% galena	
E813099	WH22206418	PW-7	Ag Scree	19-Jul-22	UTM NAD83 8N	481248	6661284	2152	Subcrop	Granite	Grey green.		Rusty quartz vein along margin of granite. 2-5cm wide.	Vein hosts trace pyrite.	
E813100	WH22206418	22SR093	E of Ag Scree	19-Jul-22	UTM NAD83 8N	481952	6661421	1792	Float	Vein			Quartz vein with sulfides. Mainly pyrite and trace chalcopyrite. Patchy malachite staining. Oxidation and iron carbonate alteration along fractures; weak to moderate. Very fine grained quartz; looks frosty. Rusty patches around lots of the pyrite. 2-3% total sulfides.		

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E811518	WH22206418	E811518	ERT Zone	23-Jul-22	UTM NAD83 8N	479113	6658478	1959	Chip (2 m)	Volcanic	Trench 22ERT001 0-2 m through silicified and partially brecciated volc/subvolc minor 1-3% py				
E811519	WH22206418	E811519	ERT Zone	23-Jul-22	UTM NAD83 8N	479111	6658482	1962	Chip (2 m)	Volcanic	Trench 22ERT001 2-4 m through siliceous black volc/subvolc; locally brecciated with qtz infill; locally rusty weathered; minor py ~2-4%				
E811520	WH22206418	E811520	ERT Zone	23-Jul-22	UTM NAD83 8N	479109	6658478	1952	Chip (2 m)	Felsic Volcanic	Trench 22ERT001 4-6 m through dark grey siliceous felsic volc/subvolc; minor pyrite ~1%				
E811521	WH22206418	E811521	ERT Zone	23-Jul-22	UTM NAD83 8N	479107	6658480	1949	Chip (2 m)	Felsic Volcanic	Trench 22ERT001 6-8 m through dark grey/greenish siliceous felsic volc/subvolc; minor py disseminated and in small patches; dark green/black coating (chl/mang?)				
E811522	WH22206418	E811522	ERT Zone	23-Jul-22	UTM NAD83 8N	479105	6658483	1946	Chip (2 m)	Felsic Volcanic	Trench 22ERT001 8-10 m through similar dark siliceous felsic/subvolc; minor pyrite throughout; patches of dark gry very fine grained sulphide?				
E811523	WH22206418	E811523	ERT Zone	23-Jul-22	UTM NAD83 8N	479104	6658484	1947	Chip (2 m)	Felsic Volcanic	Trench 22ERT001 10-12 m through same siliceous volc/subvolc; similar alteration and pyrite				
E811524	WH22206418	E811524	ERT Zone	23-Jul-22	UTM NAD83 8N	479103	6658485	1948	Chip (0.9 m)	Trench	Trench 22ERT001 12-12.90 through brecciated siliceous volc/subvolc with a crushed zone ~20cm thick with fragments of volc and almost graphitic black sooty material				
E811525	WH22206418	E811525	ERT Zone	23-Jul-22	UTM NAD83 8N	479103	6658485	1944	Chip (1.10 m)	Trench	Trench 22ERT001 12.90-14 m through dark grey/greenish siliceous volc/subvolc; cut by 3-4 cm thick of rusty quartz veins with banded texture; black coating on surface of veins and wall rock				
E811526	WH22206418	E811526	ERT Zone	23-Jul-22	UTM NAD83 8N	479103	6658486	1951	Chip (0.70 m)	Trench	Trench 22ERT001 14-14.70 m through broken dark grey siliceous felsic volc/subvolc; black sooty material between frags; slight fabric 104/80				
E811527	WH22206418	E811527	ERT Zone	23-Jul-22	UTM NAD83 8N	479102	6658488	1952	Chip (1.30 m)	Trench	Trench 22ERT001 14.70-16 m through broken up siliceous volc/subvolc; limonite on fractures; more friable easier to break; dark sooty coating; slightly vuggy with limonite developed around vugs ~3-4% disseminated py				
E811528	WH22206418	E811528	ERT Zone	23-Jul-22	UTM NAD83 8N	479102	6658488	1952	Chip (2 m)	Trench	Trench 22ERT001 16-18 m through siliceous volc/subvolc with local brecciated zones with quartz infill; locally vuggy with vugs up to 3-4 mm with limonite formed around vugs; py ~5-10% and very fine-grained black sulphide coatings and patches; +/- scorodite				
E811529	WH22206418	E811529	ERT Zone	23-Jul-22	UTM NAD83 8N	479101	6658490	1952	Chip (2 m)	Trench	Trench 22ERT001 18-20 m through similar zone as 16-18 m				
E811530	WH22206418	E811530	ERT Zone	23-Jul-22	UTM NAD83 8N	479102	6658492	1953	Chip (0.70 m)	Trench	Trench 22ERT001 20-20.7 m through zone of slight shearing with fractures and small 3-8cm wide gouge zones; gouge composed of black crushed rock and sooty material; gouge and shear orientation 065/88				
E811531	WH22206418	E811531	ERT Zone	23-Jul-22	UTM NAD83 8N	479102	6658493	1948	Chip (1.5 m)	Trench	Trench 22ERT001 20.70-22.20 m through silicified zone cut by multiple anastomosing shears and thin gouge zones; black sooty material coating shear surfaces and in gouge				
E811532	WH22206418	E811532	ERT Zone	23-Jul-22	UTM NAD83 8N	479100	6658494	1949	Chip (2 m)	Trench	Trench 22ERT001 22.20-24.20 m through structural zone characterized by numerous shears and gouge zones with lozenges of slightly broken wall rock (siliceous volc/subvolc); locally breccia zones with qtz infill; overall 5-10% sulphides; mainly py; +/- aspy; patchy black fine-grained sulphides				

ALS Sample Number	ALS Batch Number	Station ID	Area	Sample Date DD-MM-YYYY	UTM Info	Easting (m)	Northing (m)	Elevation (m)	Sample Type	Lithology	Notes on Lithology	Notes on Alteration	Notes on Veins	Notes on Mineralization	Structural Measurements
E811533	WH22206418	E811533	ERT Zone	23-Jul-22	UTM NAD83 8N	479099	6658496	1947	Chip (0.40 m)	Trench	Trench 22ERT001 24.20-24.60 m through shear zone with discontinuous quartz vein along edge of zone; vein slightly banded with thin black sooty material separating rusty white quartz with limonite stains				
E811534	WH22206418	E811534	ERT Zone	23-Jul-22	UTM NAD83 8N	479100	6658498	1948	Chip (2 m)	Trench	Trench 22ERT001 24.60-26.60 m through brecciated; broken-up siliceous volc/subvolc; locally rusty weathered and black sooty coating; small vugs (1-3 mm) developed throughout; locally pitted texture; limonite developed around vugs and pits; 3-5% disseminated py +/- aspy				
E811535	WH22206418	E811535	ERT Zone	23-Jul-22	UTM NAD83 8N	479100	6658499	1947	Chip (1.60 m)	Trench	Trench 22ERT001 26.60-28.20 m through same rock as previous sample				
E811536	WH22206418	E811536	ERT Zone	23-Jul-22	UTM NAD83 8N	479098	6658500	1945	Chip (1.80 m)	Trench	Trench 22ERT001 28.20-30 m through shear zone separating brecciated rock in HW and silicified volc/subvolc in the FW; black sooty coating				
E811537	WH22206418	E811537	ERT Zone	23-Jul-22	UTM NAD83 8N	479097	6658501	1947	Chip (2 m)	Trench	Trench 22ERT001 30-32 m zone cut by shallow adit like working; gougy shears within siliceous vol/subvolc; black sooty gouge and rusty gouge separating more competent portions of the outcrop; 3-5% py +/- aspy;				
E811538	WH22206418	E811538	ERT Zone	23-Jul-22	UTM NAD83 8N	479097	6658504	1948	Chip (2 m)	Trench	Trench 22ERT001 32-34 m through shear zone with brecciated and sheared dark siliceous volc/subvolc; lozenge shaped wall rock within siliceous; sooty matrix; locally rusty weathered; 5-10% py and black sooty patches of fine-grained sulphide				
E811539	WH22206418	E811539	ERT Zone	23-Jul-22	UTM NAD83 8N	479095	6658503	1948	Chip (2 m)	Trench	Trench 22ERT001 34-36 m partially sheared siliceous volc/subvolc; into a section of very dirty o/c can't get much info				
E811540	WH22206418	E811540	ERT Zone	23-Jul-22	UTM NAD83 8N	479095	6658506	1951	Chip (2 m)	Trench	Trench 22ERT001 36-38 m siliceous volc/subvolc coated in sooty black material;				
E811541	WH22206418	E811541	ERT Zone	23-Jul-22	UTM NAD83 8N	479095	6658508	1952	Chip (2 m)	Trench	Trench 22ERT001 38-40 m leucocratic siliceous volc/subvolc similar to darker material but light grey to greenish with local rusty weathering and yellow clay alteration; 3-5% disseminated py				
E811542	WH22206418	E811542	ERT Zone	23-Jul-22	UTM NAD83 8N	479095	6658511	1952	Chip (2 m)	Trench	Trench 22ERT001 40-42 m same as previous sample				
E811543	WH22206418	E811543	ERT Zone	23-Jul-22	UTM NAD83 8N	479095	6658512	1952	Chip (2 m)	Trench	Trench 22ERT001 42-44 m same as previous				
E811552	WH22206418	C1-A	ACPb Trench	20-Jul-22	UTM NAD83 8N	481907	6661821	1882	Grab/Trench	Quartz feldspar porphyry	Footwall of vein. Dacitic porphyry.	Sericite alteration with pervasive green colour (chlorite; epidote?). Doesn't look like a fresh surface; looks altered.			
E811553	WH22206418	C1-B	ACPb Trench	20-Jul-22	UTM NAD83 8N	481907	6661821.75	1879	Grab/Trench	Quartz feldspar porphyry			20cm quartz vein that has bifurcated into 25cm host rock. 20cm quartz vein on other side. Trace fine grained euhedral pyrite along vein margin; associated with rusty patches around it. Inclusions of wall rock in vein.		
E811554	WH22206418	C1-C	ACPb Trench	20-Jul-22	UTM NAD83 8N	481907	6661822.5	1879	Grab/Trench	Quartz feldspar porphyry	Hanging wall of vein. Dacitic porphyry.	Sericite alteration with pervasive green colour (chlorite; epidote?). Doesn't look like a fresh surface; looks altered.			
E811555	WH22206418	C2-A	ACPb Trench	20-Jul-22	UTM NAD83 8N	481912	6661821	1879	Grab/Trench	Quartz feldspar porphyry	Mix of quartz vein and wall rock.		Quartz material is quite rusty.		
E811556	WH22206418	C2-B	ACPb Trench	20-Jul-22	UTM NAD83 8N	481912	6661821.5	1879	Grab/Trench	Quartz feldspar porphyry			Quartz vein material. Strong oxidation/rusty surface. Trace azurite. 50cm wide.		
E811557	WH22206418	C2-C	ACPb Trench	20-Jul-22	UTM NAD83 8N	481912	6661823	1879	Grab/Trench	Quartz feldspar porphyry	Hanging wall.				
E811558	WH22206418	C3-A	ACPb Trench	20-Jul-22	UTM NAD83 8N	481914	6661822	1879	Grab/Trench	Quartz feldspar porphyry	Mix of quartz feldspar porphyry and vein. Footwall.		Quartz vein still has inclusions of wall rock. Slight orange oxidation.		
E811559	WH22206418	C3-B	ACPb Trench	20-Jul-22	UTM NAD83 8N	481914	6661824	1879	Grab/Trench	Quartz feldspar porphyry	Mostly vein material.		Mostly rusty quartz vein with minor wall rock. 30cm wide.		

ALS Sample Number	ALS Batch Number	Station ID	Area	Sample Date DD-MM-YYYY	UTM Info	Easting (m)	Northing (m)	Elevation (m)	Sample Type	Lithology	Notes on Lithology	Notes on Alteration	Notes on Veins	Notes on Mineralization	Structural Measurements
E811578	WH22206418	E811578	ERT Zone	24-Jul-22	UTM NAD83 8N	479070	6658495	1948	Chip (1.8 m)	Trench	Trench 22ERT002 0-1.8 m Fine-grained crystalline dark grey siliceous volc. with greenish tinge; purplish weathering locally; Patches/blebs of rusty orange oxidation; no sulphides observed				
E811578	WH22206418	E811578	ERT Zone	24-Jul-22	UTM NAD83 8N	479070	6658495	1948	Chip (1.8 m)	Trench	Trench 22ERT002 0-1.8 m Fine-grained crystalline dark grey siliceous volc. with greenish tinge; purplish weathering locally; Patches/blebs of rusty orange oxidation; no sulphides observed				
E811579	WH22206418	E811579	ERT Zone	24-Jul-22	UTM NAD83 8N	479067	6658479	1946	Chip (1.30 m)	Trench	Trench 22ERT002 1.8-3.1 m Fine-grained crystalline light grey to greenish siliceous volc/subvolc; purplish oxidation along fractures; very minor disseminated py				
E811579	WH22206418	E811579	ERT Zone	24-Jul-22	UTM NAD83 8N	479067	6658479	1946	Chip (1.30 m)	Trench	Trench 22ERT002 1.8-3.1 m Fine-grained crystalline light grey to greenish siliceous volc/subvolc; purplish oxidation along fractures; very minor disseminated py				
E811580	WH22206418	E811580	ERT Zone	24-Jul-22	UTM NAD83 8N	479066	6658498	1946	Chip (2.9 m)	Trench	Trench 22ERT002 3.1-6 m subcrop/broken up fractured bedrock; oxidized; rusty orange to reddish brown fine grained crystalline volcanic rock; lots of quartz; greenish leucocratic; brecciated in places with some clasts having hairline quartz (?) veinlets; minor disseminated py				
E811580	WH22206418	E811580	ERT Zone	24-Jul-22	UTM NAD83 8N	479066	6658498	1946	Chip (2.9 m)	Trench	Trench 22ERT002 3.1-6 m subcrop/broken up fractured bedrock; oxidized; rusty orange to reddish brown fine grained crystalline volcanic rock; lots of quartz; greenish leucocratic; brecciated in places with some clasts having hairline quartz (?) veinlets; minor disseminated py				
E811581	WH22206418	E811581	ERT Zone	24-Jul-22	UTM NAD83 8N	479064	6658499	1947	Chip (2 m)	Trench	Trench 22ERT002 6-8 m dominant lithology; dark grey to greenish siliceous volc/subvolc very minor disseminated py				
E811581	WH22206418	E811581	ERT Zone	24-Jul-22	UTM NAD83 8N	479064	6658499	1947	Chip (2 m)	Trench	Trench 22ERT002 6-8 m dominant lithology; dark grey to greenish siliceous volc/subvolc very minor disseminated py				
E811582	WH22206418	E811582	ERT Zone	24-Jul-22	UTM NAD83 8N	479062	6658501	1947	Chip (2 m)	Trench	Trench 22ERT002 8-10 m Black carbonaceous; siliceous volc/subvolc; highly fractured very minor disseminated py				
E811582	WH22206418	E811582	ERT Zone	24-Jul-22	UTM NAD83 8N	479062	6658501	1947	Chip (2 m)	Trench	Trench 22ERT002 8-10 m Black carbonaceous; siliceous volc/subvolc; highly fractured very minor disseminated py				
E811583	WH22206418	E811583	ERT Zone	24-Jul-22	UTM NAD83 8N	479062	6658505	1951	Chip (2 m)	Trench	Trench 22ERT002 10-12 m Leucocratic; fine-grained crystalline; greenish/grey siliceous volc/subvolc; localized rusty-orange oxidation; very minor disseminated py				
E811583	WH22206418	E811583	ERT Zone	24-Jul-22	UTM NAD83 8N	479062	6658505	1951	Chip (2 m)	Trench	Trench 22ERT002 10-12 m Leucocratic; fine-grained crystalline; greenish/grey siliceous volc/subvolc; localized rusty-orange oxidation; very minor disseminated py				
E813081	WH22206418	22SR073	Bonanza - David's Trench	17-Jul-22	UTM NAD83 8N	480998	6660507	1916	Grab/Trench	Rhyolite	Rhyolite dike. Contains blebs of quartz material. Edges are creamy white and inner area is light grey. Weak patchy magnetism.	Moderate to strong oxidation along fractures and weathered surface.		Very fine grained to fine grained disseminated sulfides; chalcopyrite; pyrite; potential sphalerite (vfg reddish black brown mineral).	Trend of orange/oxidized area on hill [028/40]
E813082	WH22206418	22SR074	Bonanza - David's Trench	17-Jul-22	UTM NAD83 8N	480991	6660506	1916	Grab/Trench	Rhyolite	Verging on brecciated veined material?	Strong iron carbonate oxidation along fractures or they are stringers, significant amount. Feldspars altering to epidote. Potential hematite staining or just kspars present.		Very fine grained disseminated pyrite; 1% at most.	

ALS Sample Number	ALS Batch Number	Station ID	Area	Sample Date DD-MM-YYYY	UTM Info	Easting (m)	Northing (m)	Elevation (m)	Sample Type	Lithology	Notes on Lithology	Notes on Alteration	Notes on Veins	Notes on Mineralization	Structural Measurements
E813083	WH22206418	22SR075	Bonanza - David's Trench	17-Jul-22	UTM NAD83 8N	480992	6660506	1916	Grab/Trench	Rhyolite	Dark purple/brown patches with a darker mineral (hematite) mixed with plagioclase. Calcite rhombs present.	Thicker iron carbonate stringers. Some feldspars altering to epidote. Minor malachite staining.		Potentially galena present; silvery metallic mineral. Potential covellite patches (bright blue/purple) or just tarnish of chalcopyrite.	
E813084	WH22206418	22SR076	Bonanza - David's Trench	17-Jul-22	UTM NAD83 8N	480990	6660508	1918	Grab/Trench	Rhyolite	Lighter and creamier in colour than other observed rhyolite dike samples.	Potential increase in clay/sericite alteration.		No visible sulfides.	
E813085	WH22206418	22SR077	Bonanza - Michael & Niona's Trench	17-Jul-22	UTM NAD83 8N	480987	6660500	1914	Grab/Trench	Quartz granodiorite	Granitoid of some sort. Becoming altered.	Minor hematite staining of feldspar grains. Weak chloritization. Very white and powdery - potential sericite alteration? Oxidation especially along fracture planes. Minor epidote alteration of some plagioclase grains.		Potential very fine grained pyrite.	
E813086	WH22206418	22SR078	Bonanza - Michael & Niona's Trench	17-Jul-22	UTM NAD83 8N	480987	6660504	1914	Grab/Trench	Quartz feldspar porphyry	Sampled from west end of the trench. 2.5 short geotool lengths sampled. Seems to grade from very fine grained to fine grained to potentially more medium grained quartz carbonate material.	The quartz material has orange oxidation; minor sericite; and minor epidote alteration. Weakly chloritized.		Trace very fine grained sulfides; pyrite.	
E813087	WH22206418	22SR079	Bonanza - Michael & Niona's Trench	17-Jul-22	UTM NAD83 8N	480989	6660502	1915	Grab/Trench	Biotite hornblende granitoid	Ranges from white to more greenish in colour - potentially more altered?	Seems to have some white clay alteration on weathered surface.	Quartz vein present with oxidation along margins and some vein crystal faces. Vein is 1-2cm wide.	No apparent mineralization.	
E813088	WH22206418	22SR080	Bonanza - Michael & Niona's Trench	17-Jul-22	UTM NAD83 8N	480989	6660502	1915	Float	Rhyolite	Float sample taken from above where the trench went. Brecciated.	Strong carbonate alteration especially along fractures and foliation planes.	Minor quartz veining running through sample; thin veinlets.	1% fine grained disseminated sulfides.	
E813090	WH22206418	22SR082	Bonanza - East trench (22PWBT1)	18-Jul-22	UTM NAD83 8N	480917	6660174	1789	Grab/Trench	Rhyolite	Rhyolite dike. Sampled over 3.5 short geotool lengths. 3cm shear zone running through channel; roughly oriented N-S. Second shear running through W end of channel. Seems like a conjugate shear to the first one measured. This second shear has minor lenses/blobs of carbonate material and moderate to strong orange oxidation.	Rhyolite host rock has some epidote and possible chlorite alteration. Significant iron carbonate alteration.	Quartz vein present that appears to follow a joint surface. 15cm long and 1.5cm wide; discontinuous. Minor carbonate alteration in vein and along margins.	Host rock has disseminated very fine grained 1% silvery metallic mineral; too small to identify.	Shear [193/53]; Vein [254/80]; Second Shear [228/50]
E813091	WH22206418	22SR083	Bonanza - East trench (22PWBT1)	18-Jul-22	UTM NAD83 8N	480912	6660173	1790	Grab/Trench	Rhyolite	Bit of shearing/foliation present; oriented near vertical and striking 239. Rock appears to be more massive/almost cherty in texture due to silica content. Moving west it becomes more jointed and crumbly. Weathered surface is orange light brown and fresh is a medium greenish grey. Weak pervasive magnetism. Sampled over 3.5 short geotool lengths.	Fractures visible on surface with a blue/purple alteration. Weak chloritization.	Thin 0.2-0.5mm calcite stringers present through rock but no other significant veining. They are concentrated near the more visible joints/fractures visible on the weathered surface.	Fine grained disseminated trace pyrite.	
E813092	WH22206418	22SR084	Bonanza - East trench (22PWBT1)	18-Jul-22	UTM NAD83 8N	480911	6660176	1792	Grab/Trench	Rhyolite	Seems to have increased in alteration; no pieces observed that were more grey in colour like previous 22SR083 station.	Much more orange oxidation present. Moving to the west end of the trench; get more fissile/crumbly rocks with a potential increase in clay alteration?	Minor quartz carbonate stringers cutting through host rock; about same frequency as 22SR083.		
E813093	WH22206418	22SR085	Bonanza - West trench (22PWBT2)	18-Jul-22	UTM NAD83 8N	480770	6660312	1744	Grab/Trench	Quartz granodiorite	Going E-W towards contact with rhyolite; grain size increases from fine grained to almost coarse grained. Biotite grain size especially increases. Sampled over 2.5 short geotool lengths.	Some weak orange oxidation along some feldspar grain boundaries. Minor sericite and chlorite alteration?		1% fine grained disseminated pyrite.	Granodiorite and rhyolite contact [023/50]
E813094	WH22206418	22SR086	Bonanza - West trench (22PWBT2)	18-Jul-22	UTM NAD83 8N	480767	6660313	1739	Grab/Trench	Rhyolite	Weathered surface is tan orange and fresh is light grey to pink. Same cherty/silica rich appearance. Flow banding observed; well defined by lighter and darker bands. Moving towards the W contact; start to get fine grained groundmass with coarse grained feldspar grains that are light pink. Siliceous. Sampled over about 4 short geotool lengths.	Pervasive iron carbonate (limonite) and maybe clay alteration. Moderate to strong orange oxidation along fractures.		Euhedral to subhedral pyrite; fine grained. Tarnished and oxidized. 3% total sulfides. Sometimes concentrated along some of the flow bands.	
E813095	WH22206418	22SR087	Bonanza - West trench (22PWBT2)	18-Jul-22	UTM NAD83 8N	480766	6660316	1747	Grab/Trench	Rhyolite	Thought it was the other contact but the granodiorite pieces were just scree. Still rhyolite dike. Very fine to fine grained. Light pink to grey fresh surface. Less well defined flow banding. Sampled over 3 short geotool lengths.	Moderate orange carbonate alteration.		Euhedral to subhedral disseminated fine grained pyrite about 3-5%.	

Appendix C – Drill Logs

RC DRILL LOG - Pike Warden ERT Zone													
HOLE ID	22-PW-01	AZIMUTH	150	STARTED	15-Oct-22								
EASTING	479086	DIP	-70	FINISHED	16-Oct-22								
NORTHING	6658501	DEPTH	290 ft										
ELEVATION	1961 m			LOGGER	M. FRIEND								
FROM_ft	TO_ft	FROM_m	TO_m	ASSAY	FRAG SZ	LITH_CODE	LITHOLOGY	COLOUR	ALT	MIN	DESCRIPTION	Au_ppm	Ag_ppm
0	5	0.00	1.52	E811151	2-15 mm	VM	Mafic volcanic	Brown	Local oxidation	Fine grained tarnished sulfides	Brownish orange to dark grey fine-grained felsic to intermediate subvolcanic with opaque quartz veining (quartz ~20%). Moderate oxidation coating chips w local patches of strong oxidation. Rare pits (<1-1mm) with very fine-grained tarnished sulfide(?)	0.191	468
5	10	1.52	3.05	E811152	2-13 mm	VM	Mafic volcanic	Dark grey/brown	Local oxidation	Potential tarnished sulfides	Predominantly dark grey to brownish grey, siliceous fine-grained felsic to intermediate subvolcanic with opaque quartz veining (subvolcanic with quartz ~20%). Also subangular quartz fragments (~5% of chips). Weak oxidation coating chips w local patches of moderate oxidation. Rare pits with tarnished sulfide(?)	0.079	95.7
10	15	3.05	4.57	E811153	1-5mm	VM	Mafic volcanic	Dark grey	Weak to moderate oxidation	Very fine-grained to fine-grained sub- to euhedral pyrite and tarnished pyrite	Dark grey, fine-grained feldspar phyrlic subvolcanic unit with minor opaque quartz veining (quartz ~10%). Also subangular quartz fragments (~7% of chips). Weak to moderate oxidation coating rock chips. Rare strongly oxidized pits (1-2mm).	0.022	8.28
15	20	4.57	6.10	E811154	3-13 mm	VM	Mafic volcanic	Medium grey	Weak to moderate oxidation	Very fine-grained to fine-grained sub- to euhedral pyrite and tarnished pyrite	Predominantly medium grey very fine-grained siliceous volcanic, dark grey, fine-grained feldspar phyrlic subvolcanic unit (locally with minor opaque quartz veining - ~10% of unit) and subangular opaque quartz fragments (~10% of chips). Subvolcanic unit > very fine-grained siliceous volcanic (~ 60/40). Weak oxidation coating rock chips. Very fine-grained sub- to euhedral pyrite and tarnished pyrite in all lithologies.	0.057	86.9
20	25	6.10	7.62	E811155	2-15 mm	VM	Mafic volcanic	Dark grey	Weak to moderate oxidation	Very fine-grained to fine-grained sub- to euhedral pyrite and tarnished pyrite	Predominantly dark grey, fine-grained feldspar phyrlic subvolcanic unit with minor opaque quartz veining (quartz ~10%). Also subangular quartz fragments (~5% of chips). Weak to moderate oxidation coating rock chips. Very fine-grained to fine-grained disseminated to subhedral pyrite in all lithologies.	0.028	21
25	30	7.62	9.15	E811156	2-8 mm	VI	Intermediate volcanic	Light grey	Silicified	Trace very fine to fine-grained euhedral pyrite	White to light grey opaque siliceous volcanic unit (rhyolite to silicified rhyolite?). Trace very fine to fine-grained euhedral pyrite as isolated cubes	0.315	261
30	35	9.15	10.67	E811157	3-15 mm	VI	Intermediate volcanic	Dark grey	Silicified?	Very fine to fine grained euhedral pyrite	Predominantly dark grey, very fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit (feldspar±quartz phyrlic - 10% of chips) and opaque white quartz fragments (~7%). Very fine to fine-grained euhedral pyrite in both lithologies	0.009	5.17
35	40	10.67	12.20	E811158	2-7 mm	VI	Intermediate volcanic	Dark grey	Silicified?	Very fine to fine grained euhedral pyrite	Predominantly dark grey, very fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit (feldspar±quartz phyrlic - 10% of chips) and opaque white quartz fragments (~7%). Very fine to fine-grained euhedral pyrite in both lithologies	0.013	5.72
40	45	12.20	13.72	E811159	2-13 mm	VI	Intermediate volcanic	Dark grey	Silicified?	Very fine to fine grained euhedral pyrite	Predominantly dark grey, very fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit (feldspar±quartz phyrlic - 10% of chips) and opaque white quartz fragments (~7%). Very fine to fine-grained euhedral pyrite in both lithologies	0.027	5.3
45	50	13.72	15.24	E811160	2-15 mm	VI	Intermediate volcanic	Dark grey	Silicified?	Very fine to fine grained euhedral pyrite	Predominantly dark grey, very fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit (feldspar±quartz phyrlic - 10% of chips) and opaque white quartz fragments (~7%). Very fine to fine-grained euhedral pyrite in both lithologies	0.042	3.39
50	55	15.24	16.77	E811161	2-14 mm	VM	Mafic volcanic	Dark grey	Silicified?	Very fine to fine grained euhedral pyrite	Predominantly dark grey, very fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit (feldspar±quartz phyrlic - 10% of chips) and opaque white quartz fragments (~7%). Very fine to fine-grained euhedral pyrite in both lithologies	0.052	7.66
55	60	16.77	18.29	E811162	2-10 mm	VI	Intermediate volcanic	Dark grey	Minor weak oxidation	Trace pyrite	Medium to dark grey siliceous volcanic with minor subvolcanic chips (70/30 volcanic/subvolcanic). Very fine-grained disseminated pyrite (sometimes tarnished) in all lithologies. Sparse weak oxidation on some chips.	0.012	3.04
60	65	18.29	19.82	E811163	2-7 mm	VI	Intermediate volcanic	Light Grey	Local strong oxidation	Trace pyrite	White to light grey opaque siliceous volcanic unit (rhyolite to silicified rhyolite? - almost looks silicified destroying original textures). Trace very fine to fine-grained euhedral pyrite as isolated cubes. Local <1mm pits with strong oxidation.	0.004	2.43
65	70	19.82	21.34	E811164	2-10 mm	VM	Mafic volcanic	Dark grey	Patchy oxidation	Trace disseminated to patchy very fine-grained to fine-grained sub- to euhedral pyrite and tarnished pyrite	Predominantly dark grey, fine-grained feldspar±quartz phyrlic subvolcanic unit (locally with minor opaque grey quartz veining - ~5% of unit) and subangular opaque white to weakly oxidized (orange-brown) grey quartz fragments (~10% of chips). Patches of weak to moderate oxidation coating some surfaces. Trace disseminated to patchy very fine-grained to fine-grained sub- to euhedral pyrite and tarnished pyrite in all lithologies.	0.003	1.48
70	75	21.34	22.87	E811165	1-10 mm	VM	Mafic volcanic	Dark grey	Weakly oxidized	Trace disseminated to patchy very fine-grained to fine-grained sub- to euhedral pyrite and tarnished pyrite	Predominantly dark grey, fine-grained feldspar±quartz phyrlic subvolcanic unit subangular opaque white to weakly oxidized (tan-orange-brown) grey quartz fragments (~5% of chips) as well as opaque tan fragments (<1mm; possibly carbonate?;<1% of chips). Trace disseminated to patchy very fine-grained to fine-grained sub- to euhedral pyrite and tarnished pyrite in all lithologies.	0.004	2.63
75	80	22.87	24.39	E811166	3-12 mm	VM	Mafic volcanic	Medium grey		Trace disseminated euhedral pyrite as cubes	Medium grey to white fine-grained siliceous felsic to intermediate volcanic unit. Trace disseminated euhedral pyrite as cubes.	0.002	2.97
80	85	24.39	25.91	E811167	2-14 mm	VM	Mafic volcanic	Medium/dark grey	Silicified?	Trace disseminated to patchy very fine to fine-grained pyrite	Medium to dark grey fine-grained siliceous feldspar±quartz phyrlic subvolcanic unit as well as minor subangular opaque white to grey quartz fragments (~5% of chips). Trace disseminated to patchy very fine to fine-grained pyrite	0.005	1.92

RC DRILL LOG - Pike Warden ERT Zone													
HOLE ID	22-PW-01	AZIMUTH	150	STARTED	15-Oct-22								
EASTING	479086	DIP	-70	FINISHED	16-Oct-22								
NORTHING	6658501	DEPTH	290 ft										
ELEVATION	1961 m			LOGGER	M. FRIEND								
FROM_ft ft	TO_ft ft	FROM_m m	TO_m m	ASSAY	FRAG SZ mm	LITH_CODE	LITHOLOGY	COLOUR	ALT	MIN	DESCRIPTION	Au_ppm	Ag_ppm
85	90	25.91	27.44	E811168	2-5 mm	VM	Mafic volcanic	Medium/dark grey		Disseminated to patchy to euheudral very fine to fine-grained pyrite	Medium to dark grey fine-grained siliceous (and silicified? - local light grey patches) to weakly to moderately oxidized feldspar±quartz phryic subvolcanic unit as well as minor subangular opaque white to grey quartz fragments (~3% of chips). Trace disseminated to patchy to euheudral very fine to fine-grained pyrite	0.016	10.4
90	95	27.44	28.96	E811169	2-10 mm	VM	Mafic volcanic	Medium/dark grey		Disseminated to patchy to euheudral very fine to fine-grained pyrite	Medium to dark grey fine-grained siliceous feldspar±quartz phryic subvolcanic unit as well as minor subangular opaque white to grey quartz fragments (~3% of chips). Disseminated to patchy to euheudral very fine to fine-grained pyrite (increased abundance of pyrite relative to 85-90ft)	0.002	1.84
95	100	28.96	30.49	E811172	2-10 mm	VM	Mafic volcanic	Medium/dark grey		Disseminated to patchy to euheudral very fine to fine-grained pyrite	Medium grey to dark grey, fine-grained siliceous feldspar±quartz phryic subvolcanic unit (locally with minor opaque quartz veining - ~5% of unit) as well as subangular opaque white to grey quartz fragments (~3% of chips). Disseminated to patchy to euheudral very fine to fine-grained pyrite (similar abundance to 90-95ft)	0.002	1.52
100	105	30.49	32.01	E811173	2-10 mm	VI	Intermediate volcanic	Medium/dark grey		Disseminated to patchy to euheudral very fine to fine-grained pyrite	Medium grey to dark grey, fine-grained siliceous feldspar±quartz phryic subvolcanic unit as well as subangular opaque white to grey quartz fragments (~5% of chips). Disseminated to patchy to euheudral very fine to fine-grained pyrite (similar abundance to 90-95ft)	0.003	2.66
105	110	32.01	33.54	E811174	2-15 mm	VI	Intermediate volcanic	Medium/dark grey	Weak local oxidation	Disseminated to patchy to euheudral very fine to fine-grained pyrite	Medium grey to dark grey, fine-grained siliceous feldspar±quartz phryic subvolcanic unit as well as subangular opaque white to grey quartz fragments (~2% of chips). Weak oxidation on some quartz pieces. Disseminated to patchy to euheudral very fine to fine-grained pyrite (similar abundance to 90-95ft).	0.002	2.75
110	115	33.54	35.06	E811175	2-10 mm	VM	Mafic volcanic	Medium/dark grey	Weak to moderate oxidation, sometimes on planes associated with pyrite	Minor disseminated to patchy to euheudral very fine to fine-grained pyrite	Medium grey to dark grey, fine-grained siliceous to weakly to moderately oxidized feldspar±quartz phryic subvolcanic unit as well as subangular opaque white to grey quartz fragments (~2% of chips). Weak oxidation on some quartz pieces. Minor disseminated to patchy to euheudral very fine to fine-grained pyrite. Very fine-grained white coating on some chips, more visible when chips are dry - unsure what it is	0.003	1.32
115	120	35.06	36.59	E811176	2-5 mm	VI	Intermediate volcanic	Medium/dark grey	Weak to moderate oxidation, sometimes on planes associated with pyrite	Disseminated to patchy to euheudral very fine to fine-grained pyrite	Medium grey to dark grey, fine-grained siliceous feldspar±quartz phryic subvolcanic unit as well as subangular opaque white to grey quartz fragments (~2% of chips). Weak oxidation on some quartz pieces. Disseminated to patchy to euheudral very fine to fine-grained pyrite. Rare weak to moderate oxidized planes (fractures? veins?) coated with disseminated pyrite	0.002	1.31
120	125	36.59	38.11	E811177	2-10 mm	VI	Intermediate volcanic	Medium/dark grey	Local oxidized patches	Disseminated to patchy to euheudral very fine to fine-grained pyrite	Medium grey to dark grey, fine-grained siliceous feldspar±quartz phryic subvolcanic unit. Local oxidized patches (<1-1mm) with tarnished very fine-grained pyrite as well as disseminated to patchy to euheudral very fine to fine-grained pyrite	0.003	1.49
125	130	38.11	39.63	E811178	2-9 mm	VI	Intermediate volcanic	Medium/dark grey		Minor disseminated to patchy to euheudral very fine to fine-grained pyrite	Medium grey to dark grey, fine-grained siliceous feldspar±quartz phryic subvolcanic unit. Minor disseminated to patchy to euheudral very fine to fine-grained pyrite	0.004	2.65
130	135	39.63	41.16	E811179	2-17 mm	VI	Intermediate volcanic	Medium/dark grey	Local weak to moderate oxidation on fractures	Minor disseminated to patchy to euheudral very fine to fine-grained pyrite	Medium grey to dark grey, fine-grained siliceous feldspar±quartz phryic subvolcanic unit. Local weak to moderate oxidation on planar surfaces (fractures?). Minor disseminated to patchy to euheudral very fine to fine-grained pyrite	0.004	3.71
135	140	41.16	42.68	E811180	2-10 mm	VM	Mafic volcanic	Dark grey	Local weak to moderate oxidation on fractures	Minor disseminated to patchy to euheudral very fine to fine-grained pyrite	Dark grey, very fine to fine-grained siliceous feldspar±quartz phryic subvolcanic unit (apparent decrease in grain size from 130-135ft). Local weak to moderate oxidation on planar surfaces (fractures?). Minor disseminated to patchy to euheudral very fine to fine-grained pyrite	0.001	2.36
140	145	42.68	44.21	E811181	2-10 mm	VI	Intermediate volcanic	Medium grey		Trace very fine-grained to fine-grained euheudral pyrite	Medium grey to medium greenish grey fine-grained siliceous (silicified?) volcanic to subvolcanic unit with local crosscutting opaque white quartz veining. Trace very fine-grained to fine-grained euheudral pyrite	0.001	1.3
145	150	44.21	45.73	E811182	2-10 mm	VM	Mafic volcanic	Medium grey		Trace very fine-grained to fine-grained euheudral pyrite	Medium grey to medium greenish grey fine-grained siliceous (silicified?) volcanic to subvolcanic unit (appears same lithology as 140-145ft). Trace very fine-grained to fine-grained euheudral pyrite	0.002	2.12
150	155	45.73	47.26	E811183	3-14 mm	VI	Intermediate volcanic	Medium grey		Trace very fine-grained to fine-grained euheudral pyrite	Medium grey to medium greenish grey fine-grained siliceous (silicified?) volcanic to subvolcanic unit (appears same lithology as 140-145ft). Trace very fine-grained to fine-grained euheudral pyrite	0.001	1.01
155	160	47.26	48.78	E811184	3-14 mm	VI	Intermediate volcanic	Medium grey		Trace very fine-grained to fine-grained euheudral pyrite	Medium grey to medium greenish grey fine-grained siliceous (silicified?) volcanic to subvolcanic unit (appears same lithology as 140-145ft) with local crosscutting and anastomosing opaque white quartz veining (<1-1mm wide; <5%). Trace very fine-grained to fine-grained euheudral pyrite	0.002	0.62
160	165	48.78	50.30	E811185	2-11 mm	VI	Intermediate volcanic	Medium grey		Trace very fine-grained to fine-grained euheudral pyrite	Medium grey very fine to fine-grained siliceous feldspar±quartz±mafic(unsure what mineral) phryic subvolcanic unit with local crosscutting quartz veining (<1-1mm wide; <5%). Minor very fine to fine-grained euheudral pyrite (tarnished and fresh)	0.0005	1.11

RC DRILL LOG - Pike Warden ERT Zone													
HOLE ID	22-PW-01	AZIMUTH	150	STARTED	15-Oct-22								
EASTING	479086	DIP	-70	FINISHED	16-Oct-22								
NORTHING	6658501	DEPTH	290 ft										
ELEVATION	1961 m			LOGGER	M. FRIEND								
FROM_ft ft	TO_ft ft	FROM_m m	TO_m m	ASSAY	FRAG SZ mm	LITH_CODE	LITHOLOGY	COLOUR	ALT	MIN	DESCRIPTION	Au_ppm	Ag_ppm
165	170	50.30	51.83	E811186	2-13 mm	VI	Intermediate volcanic	Medium grey	Local weak to moderate oxidation on fractures	Trace very fine-grained to fine-grained euhedral pyrite	Medium grey very fine to fine-grained siliceous feldspar±quartz±mafic(unsure what mineral) phryic subvolcanic unit with local crosscutting quartz veining (<1-1mm wide; <5%). Local weak to moderate oxidation along planar surfaces (fractures/joints?). Trace very fine to fine-grained euhedral pyrite (tarnished and fresh)	0.002	2.1
170	175	51.83	53.35	E811187	2-11 mm	VM	Mafic volcanic	Medium/dark grey		Patches of very fine-grained disseminated pyrite and tarnished pyrite as well as local very fine to fine-grained euhedral pyrite	Medium to dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit with local crosscutting opaque white quartz veining (<1-1mm wide). Patches of very fine-grained disseminated pyrite and tarnished pyrite as well as local very fine to fine-grained euhedral pyrite	0.005	1.31
175	180	53.35	54.88	E811188	2-7 mm	VM	Mafic volcanic	Medium/dark grey		Patches of very fine-grained disseminated pyrite and tarnished pyrite as well as local very fine to fine-grained euhedral pyrite	Medium to dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit with local crosscutting opaque white quartz veining (<1-1mm wide). Some chips fine-grained siliceous feldspar±quartz phryic subvolcanic unit. Patches of very fine-grained disseminated pyrite and tarnished pyrite as well as very fine to fine-grained euhedral pyrite	0.003	0.46
180	185	54.88	56.40	E811189	2-15 mm	VM	Mafic volcanic	Medium/dark grey		Trace patchy very fine-grained disseminated pyrite as well as sparse very fine to fine-grained euhedral pyrite	Medium to dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit with local crosscutting opaque white quartz veining (<1-1mm wide). Some chips fine-grained siliceous feldspar±quartz phryic subvolcanic unit. trace patchy very fine-grained disseminated pyrite as well as sparse very fine to fine-grained euhedral pyrite	0.0005	0.32
185	190	56.40	57.93	E811192	2-14 mm	VM	Mafic volcanic	Medium/dark grey	Local very fine oxidized patches	Tarnished sulfide?	Medium to dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit with local crosscutting opaque white quartz veining (<1-2mm wide). Some chips fine-grained siliceous feldspar±quartz phryic subvolcanic unit (>30%) as well as opaque white quartz (5-10%) and opaque tan to white carbonate (calcite?; 3-5%).	0.0005	0.45
190	195	57.93	59.45	E811193	2-10 mm	VM	Mafic volcanic	Medium/dark grey			Mixture of medium grey very fine-grained siliceous intermediate to felsic volcanic unit (~57%), dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit (~38%) and light grey, siliceous, very fine to fine-grained felsic volcanic to subvolcanic unit (~5%). Local very fine <1mm oxidized patches (tarnished sulfide?)	0.0005	0.39
195	200	59.45	60.98	E811194	2-10 mm	VM	Mafic volcanic	Medium/dark grey		Trace very fine-grained euhedral pyrite as isolated cubes	Medium to dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit with local crosscutting opaque white quartz veining (<1mm wide). Some chips fine-grained siliceous feldspar±quartz phryic subvolcanic unit. Trace very fine-grained euhedral pyrite as isolated cubes	0.009	0.95
200	205	60.98	62.50	E811195	2-6 mm	VM	Mafic volcanic	Medium/dark grey	Minor weak oxidation	Trace very fine-grained euhedral pyrite as isolated cubes	Medium to dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit with local crosscutting opaque white quartz veining (<1mm wide). Minor weak oxidation on some planar surfaces. Trace very fine-grained euhedral pyrite as isolated cubes	0.001	0.53
205	210	62.50	64.02	E811196	3-10 mm	VM	Mafic volcanic	Medium/dark grey	Minor weak oxidation	Trace very fine-grained euhedral pyrite as isolated cubes	Medium to dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit with local crosscutting opaque white quartz veining (<1mm wide). Minor weak oxidation on some planar surfaces. Trace very fine-grained euhedral pyrite as isolated cubes	0.0005	0.33
210	215	64.02	65.55	E811197	2-11 mm	VM	Mafic volcanic	Light grey			Light grey to greenish grey very fine to fine-grained siliceous (silicified?) felsic volcanic unit	0.0005	0.29
215	220	65.55	67.07	E811198	2-13 mm	VM	Mafic volcanic	Medium/dark grey			Medium to dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit with local crosscutting opaque white quartz veining (<1-2mm wide).	0.0005	0.43
220	225	67.07	68.60	E811199	2-7 mm	VM	Mafic volcanic	Medium/dark grey			Medium to dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit (chips appear homogeneous lithology)	0.0005	0.34
225	230	68.60	70.12	E811200	3-10 mm	VM	Mafic volcanic	Medium grey	Weak oxidation on 10-20% of chips	Trace very fine-grained euhedral pyrite and tarnished pyrite	Medium grey to beige-grey, very fine to fine-grained siliceous intermediate to felsic volcanic to subvolcanic unit. Local light opaque grey bands in chips - silicification(?). Weak oxidation coating some chips (10-20% of chips). Trace very fine-grained euhedral pyrite and tarnished pyrite	0.0005	0.52
230	235	70.12	71.65	E811201	3-15 mm	VI	Intermediate volcanic	Medium grey	Patchy oxidation		Medium grey to beige-grey, very fine to fine-grained siliceous intermediate to felsic volcanic to subvolcanic unit. Local light opaque grey bands in chips - silicification(?). Weak oxidation coating some chips (10-15% of chips)	0.0005	0.42
235	240	71.65	73.17	E811202	2-10 mm	VM	Mafic volcanic	Medium grey	Silicified? Weak oxidation on 5-10% of chips	Very fine grained disseminated pyrite and tarnished pyrite	Medium grey to very fine to fine-grained siliceous intermediate to felsic volcanic to subvolcanic unit with abundant opaque white quartz veining (<1-6mm wide; all chips have some quartz veining). Patchy oxidation and very fine-grained disseminated pyrite and tarnished pyrite often occurring within siliceous rock interstitial to quartz veining	0.0005	0.24

RC DRILL LOG - Pike Warden ERT Zone													
HOLE ID	22-PW-01	AZIMUTH	150	STARTED	15-Oct-22								
EASTING	479086	DIP	-70	FINISHED	16-Oct-22								
NORTHING	6658501	DEPTH	290 ft										
ELEVATION	1961 m			LOGGER	M. FRIEND								
FROM_ft ft	TO_ft ft	FROM_m m	TO_m m	ASSAY	FRAG SZ mm	LITH_CODE	LITHOLOGY	COLOUR	ALT	MIN	DESCRIPTION	Au_ppm	Ag_ppm
240	245	73.17	74.70	E811203	3-13 mm	VM	Mafic volcanic	Medium grey	Silicified? Weak oxidation on 5-10% of chips		Medium grey to beige-grey, very fine to fine-grained siliceous intermediate to felsic volcanic to subvolcanic unit. Local light opaque grey bands in chips - silicification(?). Weak oxidation coating some chips (5-10% of chips)	0.001	0.47
245	250	74.70	76.22	E811204	3-20 mm	VM	Mafic volcanic	Medium grey		Fine-grained disseminated to isolated euhedral pyrite throughout. Local chips with 5% patchy pyrite	Medium grey, very fine to fine-grained siliceous intermediate to felsic volcanic to subvolcanic unit. Some chips feldspar±mafic (vfg, unsure what mineral) phytic. Fine-grained disseminated to isolated euhedral pyrite throughout. Local chips with 5% patchy pyrite (10% of total chip composition)	0.0005	0.18
250	255	76.22	77.74	E811205	3-10 mm	VI	Intermediate volcanic	Medium grey	Localized oxidized patches	Fine-grained disseminated to isolated euhedral pyrite throughout.	Medium grey, very fine to fine-grained siliceous intermediate to felsic volcanic to subvolcanic unit. Local very fine-grained oxidized patches (tarnished pyrite?). Fine-grained disseminated to isolated euhedral pyrite throughout.	0.0005	0.48
255	260	77.74	79.27	E811206	2-11 mm	VI	Intermediate volcanic	Light grey	Weak to moderate oxidation	Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	Light grey to beige quartz-feldspar±mica(biotite?) porphyry (feldspar>quartz>mica) in very fine-grained siliceous (rhyolitic? dacitic?) groundmass. Numerous chips coated with weak to moderate oxidation. Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	0.001	0.42
260	265	79.27	80.79	E811207	3-12 mm	VF	Felsic volcanic	Light grey		Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	Light grey to beige quartz-feldspar±mica(biotite?) porphyry (feldspar>quartz>mica) in very fine-grained siliceous (rhyolitic? dacitic?) groundmass. Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	0.002	0.31
265	270	80.79	82.32	E811208	3-10 mm	VF	Felsic volcanic	Light grey		Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	Light grey to beige quartz-feldspar±mica(biotite?) porphyry (feldspar>quartz>mica) in very fine-grained siliceous (rhyolitic? dacitic?) groundmass. Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	0.0005	0.46
270	275	82.32	83.84	E811209	2-12 mm	VF	Felsic volcanic	Light grey		Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	Light grey to beige quartz-feldspar±mica(biotite?) porphyry (feldspar>quartz>mica) in very fine-grained siliceous (rhyolitic? dacitic?) groundmass. Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	0.001	0.38
275	280	83.84	85.37	E811212	2-12 mm	VI	Intermediate volcanic	Light grey		Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	Light grey to beige quartz-feldspar±mica(biotite?) porphyry (feldspar>quartz>mica) in very fine-grained siliceous (rhyolitic? dacitic?) groundmass. Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	0.001	0.39
280	285	85.37	86.89	E811213	2-10 mm	VI	Intermediate volcanic	Light grey		Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	Light grey to beige quartz-feldspar±mica(biotite?) porphyry (feldspar>quartz>mica) in very fine-grained siliceous (rhyolitic? dacitic?) groundmass. Very fine to fine-grained euhedral to disseminated pyrite, locally tarnished	0.003	1.62
285	290	86.89	88.41	E811214	2-12 mm	VM	Mafic volcanic	Medium/dark grey			Medium to dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit (chips appear homogeneous lithology)	0.001	0.72

RC DRILL LOG - Pike Warden ERT Zone													
HOLE ID	22-PW-02	AZIMUTH	154	STARTED	16-Oct-22								
EASTING	479087	DIP	-43	FINISHED	16-Oct-22								
NORTHING	6658500	DEPTH	165 ft										
ELEVATION	1965 m			LOGGER	M. FRIEND								
FROM_ft ft	TO_ft ft	FROM_m m	TO_m m	ASSAY	FRAG SZ mm	LITH_CODE	LITHOLOGY	COLOUR	ALT	MIN	DESCRIPTION	Au_ppm	Ag_ppm
0	5	0.00	1.52	E811215	1-5 mm	VI	Intermediate volcanic	Brown/orange	Moderate oxidation with stronger patches	Rare very fine grained tarnished sulfide	Brownish orange to dark grey fine-grained felsic to intermediate subvolcanic with opaque white to grey quartz veining (~10%). Moderate oxidation coating chips w local patches of strong oxidation. Rare patches (<1-1mm) with very fine-grained tarnished sulfide(?)	0.04	12.15
5	10	1.52	3.05	E811216	2-7 mm	VM	Mafic volcanic	Brown/orange	Moderate oxidation with stronger patches	Rare very fine grained tarnished sulfide	Brownish orange to dark grey fine-grained felsic to intermediate subvolcanic with opaque white to grey quartz veining (~10%). Moderate oxidation coating chips w local patches of strong oxidation. Rare patches (<1-1mm) with very fine-grained tarnished sulfide(?)	0.159	145
10	15	3.05	4.57	E811217	2-9 mm	VI	Intermediate volcanic	Medium/dark grey	Local weak to moderate oxidation		Medium to dark grey to locally black, very fine to fine-grained felsic to intermediate volcanic to subvolcanic unit with minor opaque quartz veining (quartz ~10%). Local weak to moderate oxidation coating rock chips.	0.304	53.3
15	20	4.57	6.10	E811218	3-10 mm	VI	Intermediate volcanic	Medium/dark grey	Local weak to moderate oxidation	Rare very fine grained tarnished sulfide	Medium to dark grey, very fine to fine-grained felsic to intermediate volcanic to subvolcanic unit with minor opaque quartz veining (quartz ~10%). Some feldspar phyrlic subvolcanic chips. Local weak to moderate oxidation coating rock chips. Rare very fine-grained tarnished sulfide (pyrite?)	0.374	84
20	25	6.10	7.62	E811219	2-11 mm	VI	Intermediate volcanic	Light grey	Silicified		White to light grey opaque siliceous volcanic unit (rhyolite to silicified rhyolite?).	0.064	10.6
25	30	7.62	9.15	E811220	3-12 mm	VI	Intermediate volcanic	Medium/dark grey	Local weak to moderate oxidation on fractures		Medium to dark grey, very fine to fine-grained felsic to intermediate volcanic to subvolcanic unit with minor opaque quartz veining (~10%; 1-3mm wide). Some feldspar phyrlic subvolcanic chips. Local weak to moderate oxidation coating some planar surfaces (fractures/joints?).	0.238	107
30	35	9.15	10.67	E811221	2-7 mm	VM	Mafic volcanic	Dark grey		Very fine to fine-grained euhedral pyrite throughout rock chips in patches and as isolated cubes	Dark grey, very fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit. Local opaque white to grey quartz fragments (~2-5% of rock chips). Very fine to fine-grained euhedral pyrite throughout rock chips in patches and as isolated cubes	0.02	8.67
35	40	10.67	12.20	E811222	3-9 mm	VM	Mafic volcanic	Dark grey		Very fine to fine-grained euhedral pyrite throughout rock chips in patches and as isolated cubes	Dark grey, very fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit. Local opaque white to grey quartz fragments (~1-2% of rock chips). Very fine to fine-grained euhedral pyrite throughout rock chips in patches and as isolated cubes	0.012	5.17
40	45	12.20	13.72	E811223	3-11 mm	VM	Mafic volcanic	Dark grey		Very fine to fine-grained euhedral pyrite throughout rock chips in patches and as isolated cubes	Dark grey, very fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit. Local opaque white to grey quartz fragments (~2-3% of rock chips). Very fine to fine-grained euhedral pyrite throughout rock chips in patches and as isolated cubes	0.007	2.39
45	50	13.72	15.24	E811224	1-6 mm	VM	Mafic volcanic	Dark grey	Local weak to moderate oxidation on fractures	Very fine to fine-grained euhedral pyrite throughout rock chips in patches and as isolated cubes	Dark grey, very fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit. Numerous feldspar-phyrlic subvolcanic chips. Local opaque white to grey quartz fragments (~2-3% of rock chips). Local weak to moderate oxidation coating planar surfaces (fractures/joints?). Very fine to fine-grained euhedral pyrite throughout rock chips in patches and as isolated cubes	0.169	288
50	55	15.24	16.77	E811225	1-21 mm	VM	Mafic volcanic	Dark grey	Local weak to moderate oxidation coating	Very fine to fine-grained euhedral pyrite throughout rock chips in patches and as isolated cubes	Dark grey, very fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit. Numerous feldspar-phyrlic subvolcanic chips. Local weak to moderate oxidation coating on outer surface of chips. Very fine to fine-grained disseminated pyrite patches as well as euhedral pyrite as isolated cubes	0.113	72.2
55	60	16.77	18.29	E811226	2-8 mm	VM	Mafic volcanic	Dark grey	Weak to moderate oxidation coating		Dark grey, fine-grained feldspar±quartz phyrlic siliceous subvolcanic unit (locally with minor opaque grey quartz veining - ~10% of unit; <1-2mm). Patches of weak to moderate oxidation coating throughout.	0.033	20.2
60	65	18.29	19.82	E811227	1-8 mm	VM	Mafic volcanic	Medium/dark grey	Weak to moderate oxidation coating		Medium to dark grey, fine-grained siliceous felsic to intermediate subvolcanic unit (locally with minor opaque grey quartz veining - ~10% of unit; <1-2mm). Local feldspar±quartz phyrlic subvolcanic chips. Patches of weak to moderate oxidation coating throughout.	0.111	55.4
65	70	19.82	21.34	E811228	2-6 mm	VM	Mafic volcanic	Medium/dark grey		Disseminated pyrite coating surface of oxidized chips. Trace very fine-grained to fine-grained euhedral pyrite	Mixed medium to dark grey, fine-grained siliceous felsic to intermediate subvolcanic unit (locally with minor opaque grey quartz veining - ~10% of unit; <1-2mm) and brownish orange oxidized to light grey-beige fine-grained intermediate to felsic volcanic to subvolcanic unit (60/40 siliceous to oxidized unit). Disseminated pyrite coating surface of oxidized chips (pyrite on almost all oxidized chips). Trace very fine-grained to fine-grained euhedral pyrite in dark grey siliceous unit.	0.285	66.1
70	75	21.34	22.87	E811229	2-13 mm	VM	Mafic volcanic	Dark grey	Silicified?	Minor patchy very fine-grained disseminated pyrite as well as sparse very fine-grained euhedral pyrite as isolated cubes	Dark grey siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-3mm wide) in most chips. Minor patchy very fine-grained disseminated pyrite as well as sparse very fine-grained euhedral pyrite as isolated cubes	0.474	362
75	80	22.87	24.39	E811232	1-12 mm	VM	Mafic volcanic	Dark grey	Silicified?		Dark grey siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-3mm wide) in most chips.	0.008	3.95

RC DRILL LOG - Pike Warden ERT Zone													
HOLE ID	22-PW-02	AZIMUTH	154	STARTED	16-Oct-22								
EASTING	479087	DIP	-43	FINISHED	16-Oct-22								
NORTHING	6658500	DEPTH	165 ft										
ELEVATION	1965 m			LOGGER	M. FRIEND								
FROM_ft ft	TO_ft ft	FROM_m m	TO_m m	ASSAY	FRAG SZ mm	LITH_CODE	LITHOLOGY	COLOUR	ALT	MIN	DESCRIPTION	Au_ppm	Ag_ppm
80	85	24.39	25.91	E811233	3-12 mm	VM	Mafic volcanic	Dark grey	Silicified?		Dark grey siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-2mm wide) in most chips.	0.003	1.37
85	90	25.91	27.44	E811235	3-6 mm	VM	Mafic volcanic	Dark grey	Silicified?	Trace very fine-grained euhedral pyrite and tarnished pyrite.	Dark grey siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-4mm wide) in most chips. Some feldspar-quartz phyrlic subvolcanic chips. Trace very fine-grained euhedral pyrite and tarnished pyrite.	0.0005	1.31
90	95	27.44	28.96	E811236	3-20 mm	VM	Mafic volcanic	Medium grey	Silicified	Trace very fine-grained euhedral pyrite as isolated cubes	Looks same as 20-25ft: Medium grey to greenish grey very fine-grained siliceous (silicified?) intermediate to felsic volcanic to subvolcanic unit with patches of opaque white quartz±carbonate(?) cutting groundmass. Trace very fine-grained euhedral pyrite as isolated cubes	0.001	0.89
95	100	28.96	30.49	E811237	3- 15 mm	VM	Mafic volcanic	Medium grey	Silicified? Local patchy weak oxidation	Trace very fine-grained euhedral pyrite and tarnished pyrite	Mixture of medium grey to greenish grey unit (as 90-95ft; 20% of total chips) and dark grey siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit (~75% of chips) with local crosscutting opaque grey to white quartz veining (<1-2mm wide; ~5% of chips). Local patchy weak oxidation and trace very fine-grained euhedral pyrite and tarnished pyrite associated with dark grey unit.	0.013	5.14
100	105	30.49	32.01	E811238	2-20 mm	VI	Intermediate volcanic	Medium/dark grey	Silicified/silica flooded	Rare very fine-grained euhedral pyrite	Medium to dark grey, fine-grained siliceous (silicified - almost looks silica flooded) feldspar±quartz phyrlic subvolcanic unit with crosscutting irregular opaque white quartz veining (<1-3mm; ~10% of chips). Rare very fine-grained euhedral pyrite	0.005	5.07
105	110	32.01	33.54	E811239	2-20 mm	VI	Intermediate volcanic	Medium grey	Silicified/silica flooded		Medium grey, fine-grained siliceous (silicified - almost looks silica flooded) feldspar±quartz phyrlic subvolcanic unit with crosscutting irregular opaque white quartz veining (<1-2mm; ~10% of chips). Difficult to distinguish between silica flooding and quartz veining - overall unit is very siliceous	0.001	2.73
110	115	33.54	35.06	E811240	2-8 mm	VM	Mafic volcanic	Medium grey	Silicified. Moderately oxidized patches	Patchy very fine-grained pyrite and rare very fine-grained euhedral pyrite as isolated cubes	Looks same as 20-25ft: Medium grey to greenish grey very fine-grained siliceous (silicified?) intermediate to felsic volcanic to subvolcanic unit with patches of opaque white quartz±carbonate(?) cutting groundmass. Moderately oxidized patches (<1-3mm) as well as patchy very fine-grained pyrite and rare very fine-grained euhedral pyrite as isolated cubes	0.003	2.33
115	120	35.06	36.59	E811241	3-8 mm	VI	Intermediate volcanic	Medium/dark grey	Silicified/silica flooded	Rare very fine-grained euhedral pyrite	Medium to dark grey, fine-grained siliceous (silicified - almost looks silica flooded) feldspar±quartz phyrlic subvolcanic unit with crosscutting irregular opaque white to grey quartz veining (<1-3mm; ~10% of chips). Rare very fine-grained euhedral pyrite	0.007	3.43
120	125	36.59	38.11	E811242	3-8 mm	VI	Intermediate volcanic	Medium grey	Silicified/silica flooded, weak to moderate oxidation	Very fine-grained euhedral pyrite cubes	Medium grey, fine-grained siliceous (silicified - almost looks silica flooded) feldspar±quartz phyrlic subvolcanic unit with crosscutting irregular opaque white quartz veining (<1-2mm; ~5% of chips). Patchy weak to moderate oxidation associated with very fine-grained euhedral pyrite cubes (~5% of chips oxidized)	0.003	2.69
125	130	38.11	39.63	E811243	3-10 mm	VI	Intermediate volcanic	Medium grey	Silicified/silica flooded, weak to moderate oxidation	Very fine-grained euhedral pyrite cubes	Medium grey, fine-grained siliceous (silicified - almost looks silica flooded) feldspar±quartz phyrlic subvolcanic unit with crosscutting irregular opaque white quartz veining (<1-2mm; ~5% of chips). Weak to moderate oxidation and patchy disseminated pyrite focused along <1mm quartz stringers crosscutting silicified groundmass (~10% of chips oxidized). Increased abundance of pyrite relative to 120-125ft	0.003	0.42
130	135	39.63	41.16	E811244	3-10 mm	VM	Mafic volcanic	Brownish orange	Weak to moderate to locally strong oxidation	Very fine-grained tarnished euhedral pyrite	Brownish orange to medium grey, oxidized (overprint or coating) and siliceous, fine-grained intermediate to felsic volcanic to subvolcanic unit with crosscutting opaque white quartz veining (<1-4mm; ~50% of chips). Weak to moderate to locally strong oxidation with strongest oxidation associated with very fine-grained tarnished euhedral pyrite. Increased oxidation relative to 125-130ft	0.001	0.42
135	140	41.16	42.68	E811245	2-7 mm	VM	Mafic volcanic	Medium/dark grey	Silicified? Local patchy weak oxidation	Moderately abundant very fine to fine-grained disseminated and euhedral pyrite. Rare very very fine-grained dark grey slightly metallic mineral	Medium to dark grey siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-4mm wide) in most chips. Some feldspar-quartz phyrlic subvolcanic chips. Moderately abundant very fine to fine-grained disseminated and euhedral pyrite. Patchy weak oxidation associated with pyrite and locally with quartz veining. Rare very very fine-grained dark grey slightly metallic mineral (darker grey than silicified groundmass - possibly sulfides?)	0.044	1.14
140	145	42.68	44.21	E811246	2-11 mm	VM	Mafic volcanic	Medium/dark grey	Silicified? Patchy moderate to strong oxidation associated with sulfides and quartz vein surfaces.	Moderately abundant very fine to fine-grained disseminated and euhedral pyrite.	Medium to dark grey siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-2mm wide) in most chips. Some feldspar-quartz phyrlic subvolcanic chips. Patches of moderate to locally strong oxidation associated with pyrite and locally on quartz vein surfaces. Moderately abundant very fine to fine-grained disseminated and euhedral pyrite.	0.005	0.97

RC DRILL LOG - Pike Warden ERT Zone													
HOLE ID	22-PW-02	AZIMUTH	154	STARTED	16-Oct-22								
EASTING	479087	DIP	-43	FINISHED	16-Oct-22								
NORTHING	6658500	DEPTH	165 ft										
ELEVATION	1965 m			LOGGER	M. FRIEND								
FROM_ft ft	TO_ft ft	FROM_m m	TO_m m	ASSAY	FRAG SZ mm	LITH_CODE	LITHOLOGY	COLOUR	ALT	MIN	DESCRIPTION	Au_ppm	Ag_ppm
145	150	44.21	45.73	E811247	2-12 mm	VM	Mafic volcanic	Medium/dark grey	Silicified? Patchy moderate to strong oxidation associated with sulfides and quartz vein surfaces.	euhedral pyrite.	Medium to dark grey siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-3mm wide) in most chips. Some feldspar-quartz phyrlic subvolcanic chips. Patches of moderate to locally strong oxidation associated with pyrite and locally on quartz vein surfaces. Moderately abundant very fine to fine-grained disseminated and euhedral pyrite.	0.016	1.08
150	155	45.73	47.26	E811248	2-10 mm	VI	Intermediate volcanic	Medium/dark grey	Silicified? Patchy moderate to strong oxidation associated with sulfides and quartz vein surfaces.	Minor very fine to fine-grained disseminated blebby to euhedral pyrite.	Medium to dark grey siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-3mm wide) in most chips. Some feldspar-quartz phyrlic subvolcanic chips. Minor very fine to fine-grained disseminated blebby to euhedral pyrite. Local patchy weak oxidation associated with patchy fine-grained blebby pyrite and locally on quartz vein surfaces. Decreased abundance of pyrite relative to 130-150ft.	0.012	1.23
155	160	47.26	48.78	E811249	2-20 mm	VI	Intermediate volcanic	Medium/dark grey	Silicified? Minor weak oxidation associated with sulfides	Very fine to fine-grained disseminated blebby to euhedral pyrite	Medium to dark grey siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-3mm wide) in most chips. Some feldspar-quartz phyrlic subvolcanic chips. Minor weak oxidation associated with very fine to fine-grained disseminated blebby to euhedral pyrite.	0.009	0.96
160	165	48.78	50.30	E811252	2-11 mm	VM	Mafic volcanic	Medium/dark grey	Silicified? Minor weak oxidation associated with sulfides		Medium to dark grey siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-3mm wide) in most chips. Some feldspar-quartz phyrlic subvolcanic chips. Minor weak oxidation associated with very fine to fine-grained disseminated blebby to euhedral pyrite in both wallrock and quartz	0.002	0.84

RC DRILL LOG - Pike Warden ERT Zone														
HOLE ID	22-PW-03	AZIMUTH	150	STARTED	16-Oct-22									
EASTING	479069	DIP	-45	FINISHED	17-Oct-22									
NORTHING	6658523	DEPTH	215 ft											
ELEVATION	1956 m			LOGGER	M. FRIEND									
FROM_ft ft	TO_ft ft	FROM_m m	TO_m m	ASSAY	FRAG SZ mm	LITH_CODE	LITHOLOGY	COLOUR	ALT	MIN	DESCRIPTION	Au_ppm	Ag_ppm	
0	5	0	1.52								No sample collected, loose rock and no recovery.			
5	10	1.52	3.05	E811253	2-7 mm	VI	Intermediate volcanic	Brown/orange	Moderate to strongly oxidized, silicified	Rare very fine-grained tarnished euhedral pyrite	Brownish orange to opaque tan to grey, moderately to strongly oxidized silicified felsic volcanic unit (rhyolite?) with minor opaque white oxidized quartz fragments (~5% of chips). Rare very fine-grained tarnished euhedral pyrite	0.027	4.74	
10	15	3.05	4.57	E811254	3-7 mm	VI	Intermediate volcanic	Medium/dark grey	Rare patchy moderate oxidation	Very fine grained tarnished pyrite cubes	Brownish medium grey very fine to fine-grained siliceous felsic volcanic to subvolcanic unit. Rare patches of moderate orange to brownish orange oxidation centred around very fine-grained tarnished pyrite cubes	0.005	3.35	
15	20	4.57	6.10	E811255	3-10 mm	VI	Intermediate volcanic	Medium/dark grey	Moderate to strongly oxidized, silicified	Rare very fine-grained euhedral pyrite and tarnished/oxidized pyrite	Brownish medium grey to grey-tan, moderately to strongly oxidized silicified felsic volcanic unit (rhyolite?) with minor opaque white oxidized quartz fragments (~5% of chips). Rare very fine-grained euhedral pyrite and tarnished/oxidized pyrite	0.008	1.29	
20	25	6.10	7.62	E811256	2-6 mm	VI	Intermediate volcanic	Brownish grey	Moderate to strongly oxidized, silicified	Rare very fine-grained euhedral pyrite and tarnished/oxidized pyrite	Brownish medium grey to grey-tan, moderately to strongly oxidized silicified felsic volcanic unit (rhyolite?) with minor opaque white oxidized quartz fragments (~5-7% of chips). Patchy weak to moderate oxidation coating chips (~10% of chips). Rare very fine-grained euhedral pyrite and tarnished/oxidized pyrite	0.076	68.6	
25	30	7.62	9.15	E811257	3-8 mm	VI	Intermediate volcanic	Medium grey	Silicified?	Trace very fine-grained euhedral pyrite as isolated cubes	Medium grey to greenish grey very fine-grained siliceous (silicified?) felsic volcanic unit. Trace very fine-grained euhedral pyrite as isolated cubes	0.128	18.25	
30	35	9.15	10.67	E811258	3-6 mm	VM	Mafic volcanic	Medium grey	Silicified?		Mixture of medium grey to greenish grey very fine-grained siliceous (silicified?) felsic volcanic unit (as 30-35ft) and dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit	0.115	39.1	
35	40	10.67	12.20	E811259	2-6 mm	VM	Mafic volcanic	Medium/dark grey	Siliceous	Minor disseminated very fine-grained pyrite and tarnished pyrite as well as very fine-grained euhedral pyrite as isolated cubes	Medium to dark grey very fine to fine-grained siliceous felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-3mm wide; ~25% of chips). Minor disseminated very fine-grained pyrite and tarnished pyrite as well as very fine-grained euhedral pyrite as isolated cubes	0.05	13.2	
40	45	12.20	13.72	E811260	3-7 mm	VM	Mafic volcanic	Medium/dark grey	Weak to moderate patchy oxidation, siliceous	Minor fine-grained euhedral pyrite	Mixture of brownish orange to medium to dark grey very fine to fine-grained oxidized to siliceous felsic to intermediate volcanic to subvolcanic units (~60/40 grey to oxidized units). Weak to moderate oxidation in patches locally associated with very fine-grained disseminated pyrite. Minor fine-grained euhedral pyrite associated with medium to dark grey siliceous (silicified?) unit.	0.06	12.75	
45	50	13.72	15.24	E811261	2-20 mm	VM	Mafic volcanic	Dark grey	Patchy weak oxidation, silicified?	Moderately abundant very fine to fine-grained disseminated and euhedral pyrite	Dark grey fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-5mm wide) in most chips. Some feldspar-quartz phyrlic subvolcanic chips. Moderately abundant very fine to fine-grained disseminated and euhedral pyrite. Patchy weak oxidation associated with pyrite and locally with quartz veining.	0.016	3.78	
50	55	15.24	16.77	E811262	3-8 mm	VM	Mafic volcanic	Medium/dark grey	Trace weak oxidation along some vein surfaces, silicified?	Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite	Medium to dark grey fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-5mm wide) in most chips. Some feldspar-quartz phyrlic subvolcanic chips. Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite. Trace weak oxidation along some quartz vein surfaces.	0.007	2.9	
55	60	16.77	18.29	E811263	2-5 mm	VM	Mafic volcanic	Dark grey	Silicified?	Minor very fine-grained euhedral pyrite in both wallrock and quartz veining	Dark grey fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-4mm wide; ~50% of chips). Minor very fine-grained euhedral pyrite in both wallrock and quartz veining	0.239	211	
60	65	18.29	19.82	E811264	2-10 mm	VM	Mafic volcanic	Medium grey	Silicified?	Minor very fine-grained euhedral pyrite in both wallrock and quartz veining	Medium grey fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-2mm wide). Minor very fine-grained euhedral pyrite in both wallrock and quartz veining	0.042	12	
65	70	19.82	21.34	E811265	3-10 mm	VM	Mafic volcanic	Medium grey	Silicified?	Trace very fine-grained euhedral pyrite	Medium grey fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-2mm wide). Trace very fine-grained euhedral pyrite	0.025	9.45	
70	75	21.34	22.87	E811266	2-11 mm	VM	Mafic volcanic	Medium grey	Trace weak oxidation along some vein surfaces, silicified?	Minor very fine-grained euhedral pyrite in both wallrock and quartz veining	Medium grey fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-2mm wide). Local weak oxidation along quartz veining surfaces. Minor very fine-grained euhedral pyrite in both wallrock and quartz veining	0.004	2	
75	80	22.87	24.39	E811267	2-7 mm	VM	Mafic volcanic	Medium grey	Trace weak oxidation along some vein surfaces, silicified?	Trace very very fine-grained blebby pyrite	Medium grey fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting opaque grey to white quartz veining (<1-2mm wide). Local weak oxidation along quartz veining surfaces. Trace very very fine-grained blebby pyrite	0.001	0.66	

RC DRILL LOG - Pike Warden ERT Zone													
HOLE ID	22-PW-03	AZIMUTH	150	STARTED	16-Oct-22								
EASTING	479069	DIP	-45	FINISHED	17-Oct-22								
NORTHING	6658523	DEPTH	215 ft										
ELEVATION	1956 m			LOGGER	M. FRIEND								
FROM_ft ft	TO_ft ft	FROM_m m	TO_m m	ASSAY	FRAG SZ mm	LITH_CODE	LITHOLOGY	COLOUR	ALT	MIN	DESCRIPTION	Au_ppm	Ag_ppm
80	85	24.39	25.91	E811268	1-6 mm	VM	Mafic volcanic	Medium/dark grey	Silicified?	Trace very very fine-grained blebby pyrite	Medium to dark grey fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-3mm wide) in most chips. Some feldspar-quartz phyrlic subvolcanic chips. Trace very very fine-grained blebby pyrite	0.002	1.2
85	90	25.91	27.44	E811269	1-5 mm	VM	Mafic volcanic	Medium/dark grey	Silicified?		Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-3mm wide) in most chips. Some feldspar-quartz phyrlic subvolcanic chips.	0.0005	0.47
90	95	27.44	28.96	E811272	2-7 mm	VI	Intermediate volcanic	Medium/dark grey	Silicified?	Trace very fine-grained blebby pyrite often concentrated along vein margins	Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-2mm wide) in most chips. Trace very fine-grained blebby pyrite often concentrated along vein margins	0.0005	0.73
95	100	28.96	30.49	E811273	2-8 mm	VM	Mafic volcanic	Medium/dark grey	Silicified?	Trace very fine-grained blebby pyrite	Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic (locally feldspar-phyrlic - very fine-grained feldspar) unit with crosscutting irregular opaque grey to white quartz veining (<1-2mm wide) in most chips. Trace very fine-grained blebby pyrite	0.002	1.71
100	105	30.49	32.01	E811274	2-15 mm	VM	Mafic volcanic	Medium/dark grey	Silicified?		Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-2mm wide) in most chips. Also opaque white to grey quartz chips (~5-7% of all chips).	0.001	1.36
105	110	32.01	33.54	E811275	2-11 mm	VM	Mafic volcanic	Medium/dark grey	Silicified?		Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz carbonate(?) veining (<1-2mm wide) in most chips.	0.002	1.89
110	115	33.54	35.06	E811277	2-12 mm	VM	Mafic volcanic	Light grey	Silicified?		Whitish light grey to medium grey very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1mm-1cm wide) in most chips.	0.0005	0.73
115	120	35.06	36.59	E811278	3-10 mm	VI	Intermediate volcanic	Light grey	Silicified?	Minor fine-grained euhedral pyrite as isolated cubes	Light to medium grey very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic unit with crosscutting opaque grey to white quartz veining (<1mm-1cm wide) in most chips. Minor fine-grained euhedral pyrite as isolated cubes	0.001	0.39
120	125	36.59	38.11	E811279	2-9 mm	VI	Intermediate volcanic	Medium/dark grey	Silicified?	Minor very fine to fine-grained disseminated blebby to euhedral pyrite	Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-2mm wide; ~10% of chips). Minor very fine to fine-grained disseminated blebby to euhedral pyrite	0.001	0.41
125	130	38.11	39.63	E811280	2-10 mm	VI	Intermediate volcanic	Medium/dark grey	Silicified? Weak oxidation along vein surfaces	Minor very fine to fine-grained disseminated blebby to euhedral pyrite	Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-2mm wide; ~20% of chips). Weak oxidation along some vein surfaces. Minor very fine to fine-grained disseminated blebby to euhedral pyrite	0.0005	0.33
130	135	39.63	41.16	E811281	2-11 mm	VM	Mafic volcanic	Medium/dark grey	Silicified?	Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite	Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-4mm wide) in most chips. Very fine-grained dark grey seams within some opaque white quartz. Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite. Increased abundance of pyrite relative to 125-130ft.	0.004	1.38
135	140	41.16	42.68	E811282	3-7 mm	VM	Mafic volcanic	Medium/dark grey	Silicified?	Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite	Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-2mm wide; ~10% of chips). Local feldspar±quartz phyrlic subvolcanic chips. Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite	0.001	0.27
140	145	42.68	44.21	E811283	3-7 mm	VM	Mafic volcanic	Medium/dark grey	Silicified?	Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite	Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-2mm wide; ~10% of chips). Local feldspar±quartz phyrlic subvolcanic chips. Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite. Increased abundance of pyrite relative to 135-140ft.	0.001	0.45
145	150	44.21	45.73	E811284	2-21 mm	VI	Intermediate volcanic	Medium/dark grey	Silicified? Moderate oxidation along fractures/vein surfaces and sulfides	Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite	Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-2mm wide; ~10% of chips). Local feldspar±quartz phyrlic subvolcanic chips. Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite. Moderate oxidation along fractures and vein surfaces as well as associated with disseminated pyrite	0.002	0.43
150	155	45.73	47.26	E811285	4-10 mm	VI	Intermediate volcanic	Medium/dark grey	Silicified? Weak oxidation along fractures/vein surfaces and sulfides	Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite	Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic. Local feldspar±quartz phyrlic subvolcanic chips. Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite. Weak oxidation along some fractures and vein surfaces as well as associated with disseminated pyrite	0.002	0.44

RC DRILL LOG - Pike Warden ERT Zone														
HOLE ID	22-PW-03	AZIMUTH	150	STARTED	16-Oct-22									
EASTING	479069	DIP	-45	FINISHED	17-Oct-22									
NORTHING	6658523	DEPTH	215 ft											
ELEVATION	1956 m			LOGGER	M. FRIEND									
FROM_ft ft	TO_ft ft	FROM_m m	TO_m m	ASSAY	FRAG SZ mm	LITH_CODE	LITHOLOGY	COLOUR	ALT	MIN	DESCRIPTION	Au_ppm	Ag_ppm	
155	160	47.26	48.78	E811286	4-17 mm	VI	Intermediate volcanic	Medium/dark grey	Silicified? Moderate to locally strong oxidation as a coating and along some vein surfaces	Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite	Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-2mm wide; ~5% of chips). Local feldsparquartz phryic subvolcanic chips and minor opaque white quartz vein chips. Moderately abundant very fine to fine-grained disseminated blebby to euhedral pyrite. Moderate to locally strong oxidation coating some chips and along vein surfaces	0.002	0.78	
160	165	48.78	50.30	E811287	2-5 mm	VI	Intermediate volcanic	Medium/dark grey	Silicified?	Rare very fine-grained disseminated blebby to euhedral pyrite	Medium to dark grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-2mm wide; ~5% of chips). Rare very fine-grained disseminated blebby to euhedral pyrite	0.001	1.62	
165	170	50.30	51.83	E811288	2-22 mm	VM	Mafic volcanic	Medium grey	Silicified?	Rare very fine-grained disseminated blebby to euhedral pyrite	Medium grey to greenish grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-3mm wide; ~10% of chips). Rare very fine-grained disseminated blebby to euhedral pyrite	0.001	0.54	
170	175	51.83	53.35	E811289	3-8 mm	VM	Mafic volcanic	Medium grey	Silicified?	Rare very fine-grained disseminated blebby to euhedral pyrite	Medium grey to greenish grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-2mm wide; ~5% of chips). Rare very fine-grained disseminated blebby to euhedral pyrite	0.001	0.45	
175	180	53.35	54.88	E811290	2-7 mm	VI	Intermediate volcanic	Medium grey	Silicified? Minor weak oxidation coating on some chips	Rare very fine-grained disseminated blebby to euhedral pyrite	Medium grey to greenish grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-4mm wide; ~10% of chips). Minor weak brownish orange oxidation coating some chips. Rare very fine-grained disseminated blebby to euhedral pyrite	0.001	0.88	
180	185	54.88	56.40	E811291	2-7 mm	VI	Intermediate volcanic	Brownish grey	Silicified? Moderate oxidation coating on some chips	Minor very fine to fine-grained euhedral to disseminated blebby pyrite	Brownish orange to medium greenish grey very fine-grained oxidized and siliceous (silicified?) felsic volcanic unit. Moderate oxidation coating some chips. Minor very fine to fine-grained euhedral to disseminated blebby pyrite. Locally white soft (carbonate?) chips	0.052	12.15	
185	190	56.40	57.93	E811292	3-11 mm	VI	Intermediate volcanic	Brownish grey	Silicified? Weak oxidation locally coating chips	Minor very fine to fine-grained euhedral to disseminated blebby pyrite	Mixture of brownish orange to medium greenish grey to dark grey (50/50 medium to dark grey) very fine-grained weakly oxidized and siliceous (silicified?) felsic volcanic unit with crosscutting opaque white to tan quartzcarbonate veinlets (<1-1mm). Weak oxidation locally coating chips. Minor very fine to fine-grained euhedral to disseminated blebby pyrite.	0.003	0.92	
190	195	57.93	59.45	E811293	2-10 mm	VI	Intermediate volcanic	Brownish grey	Silicified? Weak oxidation locally coating chips	Minor very fine to fine-grained euhedral to disseminated blebby pyrite	Mixture of brownish orange to medium greenish grey to dark grey (60/40 dark to medium grey) very fine-grained weakly oxidized and siliceous (silicified?) felsic volcanic unit with crosscutting opaque white to tan quartzcarbonate veinlets (<1-1mm). Weak oxidation locally coating chips. Minor very fine to fine-grained euhedral to disseminated blebby pyrite.	0.002	0.64	
195	200	59.45	60.98	E811294	2-12 mm	VI	Intermediate volcanic	Medium grey	Silicified? Weak oxidation locally coating chips	Rare very fine-grained disseminated blebby to euhedral pyrite	Medium grey to greenish grey, very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic to subvolcanic unit with crosscutting irregular opaque grey to white quartz veining (<1-4mm wide; ~10% of chips). Minor weak brownish orange oxidation coating some chips. Rare very fine-grained disseminated blebby to euhedral pyrite	0.0005	0.36	
200	205	60.98	62.50	E811295	3-11 mm	VI	Intermediate volcanic	Light grey	Silicified?	Minor fine-grained euhedral pyrite as isolated cubes	Light to medium grey very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic unit with crosscutting opaque grey to white quartz veining (<1-2mm wide; 5% of chips) in most chips. Minor fine-grained euhedral pyrite as isolated cubes	0.002	1.33	
205	210	62.50	64.02	E811296	2-16 mm	VI	Intermediate volcanic	Light grey	Silicified? Rare weak oxidation associated with tarnished sulfides	Minor fine-grained euhedral pyrite as isolated cubes	Light to medium grey to greenish grey very fine to fine-grained siliceous (silicified?) felsic to intermediate volcanic unit with crosscutting opaque grey to white quartz veining (<1-3mm; 5% of chips) in most chips. Rare weak oxidation centred around tarnished fine-grained euhedral pyrite as well as local fine-grained pyrite as isolated cubes	0.003	2.99	
210	215	64.02	65.55	E811297	3-7 mm	VM	Mafic volcanic	Dark grey	Less silicified than previous units		Dark grey, very fine to fine-grained intermediate(?) unit with crosscutting opaque white quartzcarbonate (locally effervesces with HCl) veinlets (<1-4mm; ~20% of chips). Note that this unit appears darker grey/less siliceous (or silicified?) than preceding intervals (Mark noted it was softer to drill through)	0.007	3.77	

Appendix D – Assay Certificates



ALS Canada Ltd.
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To: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Page: 1
Total # Pages: 4 (A - D)
Plus Appendix Pages
Finalized Date: 17-AUG-2022
Account: TRAMET

CERTIFICATE WH22206418

Project: Pike/Warden

This report is for 105 samples of Rock submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2022.

The following have access to data associated with this certificate:

GREG COLLINS
BEN WILLIAMS

GRANT MOURRE

SARAH REESE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
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
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Pb-OG62	Ore Grade Pb - Four Acid	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

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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9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Page: 2 - A
Total # Pages: 4 (A - D)
Plus Appendix Pages
Finalized Date: 17-AUG-2022
Account: TRAMET

Project: Pike/Warden

CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05
E811501		2.02	0.022		2.24	1.44	12.8	400	0.37	1.34	0.07	0.02	14.55	13.5	38	0.61
E811502		1.53	5.79		15.30	0.14	1.0	20	<0.05	3.40	0.01	1.15	0.59	0.9	20	0.09
E811503		3.01	3.87		>100	0.02	1.1	10	<0.05	21.2	0.01	39.8	0.35	0.2	14	<0.05
E811504		2.16	0.036		1.10	0.19	0.5	290	0.05	1.08	0.05	<0.02	1.46	2.7	23	0.22
E811505		1.21	0.341		33.7	0.40	0.8	60	0.11	3.58	0.07	1.28	3.81	2.2	20	0.14
E811506		1.33	0.012		1.33	0.30	1.9	130	0.06	1.12	0.01	0.02	1.82	9.3	63	0.20
E811507		1.33	0.018		2.24	2.39	1.3	220	0.37	11.00	1.59	0.09	34.1	117.5	23	0.21
E811508		2.09	0.004		1.76	0.49	1.2	20	0.05	2.78	0.49	0.06	4.37	15.5	17	0.05
E811509		1.35	0.002		0.58	1.09	1.4	130	0.15	0.54	0.56	0.03	8.16	50.1	24	0.19
E811510		1.56	0.001		0.52	6.18	0.7	1070	1.09	0.70	3.46	0.08	50.2	24.8	9	1.46
E811511		1.50	0.009		4.10	1.72	3.7	70	0.21	8.43	4.60	0.29	12.05	5.9	48	0.16
E811512		1.29	0.008		0.62	8.29	1.5	680	1.50	20.3	4.28	0.10	63.0	20.8	12	1.76
E811513		1.68	0.022		0.67	0.48	0.6	250	0.17	1.79	0.48	0.09	23.6	13.1	33	0.21
E811514		1.49	0.039		0.56	1.10	4.5	480	0.28	0.38	0.11	0.02	8.56	4.0	24	0.17
E811515		1.71	0.040		0.98	1.38	9.2	90	0.35	1.84	12.65	1.72	16.20	12.4	13	1.16
E811516		1.79	0.061		0.63	1.91	6.8	810	0.32	0.18	2.73	5.31	19.40	6.8	13	1.10
E811517		1.69	0.002		1.00	2.60	3.9	1470	0.49	0.17	7.38	1.04	23.9	8.2	9	2.87
E811518		3.38	0.251		>100	3.45	528	700	0.90	0.17	1.04	7.56	28.5	8.8	59	4.53
E811519		3.37	0.032		10.50	5.29	340	680	1.27	0.21	2.01	2.18	39.3	14.3	85	11.00
E811520		3.05	0.032		11.00	3.50	387	400	0.82	0.14	2.83	3.14	30.8	9.2	55	7.60
E811521		3.17	0.004		4.00	5.03	103.0	290	0.77	0.12	2.97	1.72	37.9	11.0	62	3.77
E811522		2.59	0.005		4.45	5.88	126.5	980	0.95	0.15	3.33	1.42	42.5	16.4	110	5.70
E811523		2.07	0.021		13.05	5.84	272	650	1.08	0.38	2.65	2.96	45.6	13.5	74	11.50
E811524		1.90	0.041		32.3	3.05	524	550	0.80	0.41	1.94	3.37	24.9	10.1	54	11.90
E811525		3.04	0.096		>100	5.60	1260	1430	1.20	0.31	2.61	11.55	45.4	13.5	61	16.60
E811526		1.63	0.120		>100	4.75	782	1080	1.07	0.35	2.87	8.37	36.5	10.4	32	11.00
E811527		3.16	0.019		10.55	2.13	241	330	0.52	0.21	0.37	2.54	15.05	4.0	30	5.42
E811528		3.75	0.074		>100	2.97	687	410	0.76	0.46	0.54	2.24	26.2	6.1	62	8.28
E811529		4.08	0.522		>100	1.31	6050	120	0.52	0.13	0.26	3.40	10.90	2.9	56	4.08
E811530		1.53	0.351		98.9	2.66	3560	330	0.80	0.17	0.64	13.05	21.4	7.6	56	6.58
E811531		3.43	0.014		3.46	5.25	176.0	710	1.14	0.08	2.58	0.74	40.2	10.0	52	5.61
E811532		2.51	0.038		5.93	4.85	622	510	1.11	0.16	2.22	1.22	30.1	13.9	96	4.10
E811533		1.46	1.465		>100	1.34	>10000	200	0.43	0.14	0.28	38.3	8.85	4.3	38	2.71
E811534		2.22	0.006		1.60	3.81	76.2	360	0.73	0.23	1.05	3.10	29.0	6.1	49	1.70
E811535		2.84	0.007		2.35	3.21	114.0	340	0.66	0.63	1.74	7.79	29.7	6.4	53	1.32
E811536		2.57	0.004		1.99	2.08	86.9	320	0.37	0.68	0.93	4.53	18.75	4.2	50	1.42
E811537		3.50	0.140		35.2	3.74	1800	410	0.78	0.57	1.26	8.23	26.7	5.8	38	3.30
E811538		1.94	0.045		11.60	4.74	529	810	1.05	0.70	1.36	4.39	38.5	5.2	55	4.33
E811539		2.61	0.691		>100	1.88	8000	270	0.54	0.34	0.67	6.45	15.70	3.3	22	2.24
E811540		2.11	0.049		15.00	5.96	724	1040	1.04	0.22	0.55	1.57	58.3	3.7	22	2.58



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To: TRANSITION METALS CORP.
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Page: 2 - B
Total # Pages: 4 (A - D)
Plus Appendix Pages
Finalized Date: 17-AUG-2022
Account: TRAMET

Project: Pike/Warden

CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
E811501		151.0	4.37	3.29	0.08	0.1	0.021	0.71	8.5	1.5	0.05	55	13.75	0.36	1.0
E811502		314	1.40	0.61	<0.05	<0.1	0.012	0.06	<0.5	1.9	0.01	29	20.6	0.01	0.3
E811503		338	0.64	0.12	<0.05	<0.1	0.009	0.01	<0.5	1.6	<0.01	20	5.98	0.01	<0.1
E811504		16.0	0.78	0.87	<0.05	<0.1	0.009	0.08	0.8	3.2	0.03	39	2790	0.01	0.1
E811505		1250	0.74	0.99	<0.05	0.1	0.015	0.14	2.3	1.6	0.11	102	416	0.02	0.6
E811506		151.0	2.04	0.78	<0.05	<0.1	0.006	0.15	0.9	0.6	0.01	35	6.79	0.03	1.1
E811507		57.0	7.89	7.98	0.06	0.2	0.032	0.20	21.8	4.7	0.57	285	3.72	0.55	2.0
E811508		109.0	3.04	1.75	<0.05	0.1	0.024	0.03	2.9	0.7	0.04	72	13.20	0.10	0.5
E811509		179.5	6.60	3.38	<0.05	0.1	0.007	0.17	5.0	2.7	0.29	128	6.39	0.18	1.2
E811510		248	7.67	15.90	0.12	1.1	0.040	1.52	26.1	10.4	1.77	724	3.88	1.51	8.8
E811511		14.6	1.71	4.40	0.07	0.1	0.026	0.13	5.9	9.1	0.85	703	0.45	0.53	1.5
E811512		8.5	6.37	18.10	0.18	1.6	0.045	1.77	30.7	8.6	1.85	721	1.05	2.71	8.5
E811513		9.3	1.98	1.78	0.06	<0.1	0.011	0.23	12.0	0.7	0.05	220	112.0	0.06	0.7
E811514		40.8	0.70	2.17	<0.05	0.1	0.006	0.54	4.6	0.8	0.01	32	1.22	0.37	0.4
E811515		4.9	7.95	3.63	0.05	0.2	0.110	0.67	7.3	4.0	3.88	3100	0.46	0.02	1.5
E811516		5.2	6.58	4.57	<0.05	0.1	0.058	0.51	10.2	16.1	0.46	652	1.24	0.02	1.2
E811517		70.8	2.78	5.89	0.05	0.4	0.022	1.20	12.1	21.8	0.32	1040	0.41	0.04	2.9
E811518		97.8	2.54	9.15	0.10	0.9	0.044	1.61	14.4	33.2	1.03	990	3.72	0.24	4.7
E811519		41.9	3.40	12.80	0.16	1.3	0.038	1.67	20.3	30.1	1.38	984	3.76	1.17	7.0
E811520		24.4	2.47	9.20	0.12	1.3	0.035	1.08	15.8	31.7	1.23	1035	2.71	0.62	5.6
E811521		56.5	2.83	11.80	0.14	1.4	0.039	0.67	19.9	26.0	1.53	935	1.54	2.23	7.1
E811522		56.8	3.75	14.10	0.15	1.5	0.038	1.12	21.8	36.0	2.14	1025	1.44	2.11	7.8
E811523		78.1	4.09	13.70	0.15	1.7	0.071	1.44	23.8	33.2	1.85	961	7.83	1.64	8.7
E811524		42.5	2.33	8.08	0.10	1.0	0.036	1.41	13.1	24.3	1.01	1030	4.16	0.15	5.5
E811525		101.0	3.67	13.80	0.19	1.9	0.040	3.43	24.1	29.5	1.56	1450	4.19	0.25	7.3
E811526		199.5	3.33	11.20	0.19	1.5	0.033	2.56	19.6	29.4	1.49	1930	5.69	0.44	7.4
E811527		10.0	1.23	4.54	0.11	0.7	0.017	1.17	8.1	21.8	0.38	328	2.71	0.06	3.0
E811528		31.3	2.12	8.03	0.12	1.1	0.029	1.50	14.0	26.3	0.72	761	6.05	0.04	6.0
E811529		60.0	1.63	3.69	0.06	0.4	0.016	0.63	5.9	33.7	0.33	439	2.36	0.01	2.3
E811530		61.2	2.21	7.52	0.07	0.9	0.028	1.25	11.2	36.9	0.75	988	4.42	0.05	4.1
E811531		30.4	2.74	11.90	0.17	1.2	0.032	1.56	20.7	28.3	1.76	1275	0.36	1.67	6.1
E811532		24.2	3.02	11.90	0.15	1.2	0.033	1.17	15.2	30.7	1.83	1075	0.28	1.61	4.6
E811533		194.5	1.98	3.60	0.08	0.4	0.037	0.78	4.6	29.9	0.30	331	2.75	0.02	1.6
E811534		5.6	1.88	9.34	0.13	1.2	0.026	0.85	15.4	18.4	1.12	758	1.87	1.33	4.8
E811535		10.7	2.10	8.11	0.14	1.2	0.065	0.65	17.2	17.4	1.14	837	8.71	0.83	5.0
E811536		3.7	1.25	5.35	0.13	0.6	0.034	0.67	10.6	14.3	0.74	605	3.31	0.26	3.6
E811537		38.9	1.91	8.66	0.16	1.3	0.047	1.15	14.9	22.4	0.81	948	5.30	1.04	4.9
E811538		8.1	2.31	11.50	0.19	1.6	0.049	2.24	21.8	18.6	0.81	894	12.05	0.47	7.4
E811539		86.4	1.79	4.54	0.13	0.6	0.030	1.08	8.7	25.4	0.34	707	1.82	0.07	2.5
E811540		24.2	2.27	13.15	0.23	1.8	0.028	3.38	33.1	15.0	0.67	922	5.31	1.46	7.8



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Project: Pike/Warden

CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.01	% 0.005	ppm 0.02
E811501		40	6.9	32.7	0.003	2.07	0.22	0.5	3	0.2	31.6	0.13	0.19	2.80	0.016	0.21
E811502		20	9810	2.4	<0.002	0.17	1.21	0.2	1	<0.2	3.6	<0.05	0.38	0.13	0.008	0.02
E811503		10	>10000	0.3	<0.002	3.64	35.0	<0.1	2	<0.2	23.3	<0.05	1.56	0.15	<0.005	<0.02
E811504		20	392	5.2	0.547	0.19	0.27	0.2	1	<0.2	9.4	<0.05	0.27	0.39	0.005	0.06
E811505		60	>10000	5.1	0.002	0.21	2.61	0.6	1	<0.2	17.9	<0.05	0.69	0.54	0.019	0.03
E811506		10	119.0	7.4	0.002	1.39	0.08	0.1	1	0.2	4.8	<0.05	0.48	0.54	0.017	0.04
E811507		230	123.0	6.5	0.002	5.98	0.24	8.1	4	0.8	203	0.08	3.14	4.63	0.215	0.04
E811508		60	19.3	1.0	0.003	2.02	0.13	1.1	3	0.2	83.0	<0.05	0.58	0.49	0.043	<0.02
E811509		120	50.1	9.6	<0.002	2.77	0.13	2.0	5	0.4	90.9	0.05	0.20	2.24	0.146	0.08
E811510		830	15.8	61.8	<0.002	1.01	0.28	17.8	2	2.1	470	0.55	0.13	10.30	0.735	0.47
E811511		280	304	5.2	<0.002	0.10	0.32	4.9	1	0.2	205	0.08	0.44	1.05	0.098	0.04
E811512		1380	26.9	48.8	<0.002	3.35	0.46	16.0	2	1.2	721	0.47	5.32	9.48	0.538	0.32
E811513		150	25.0	9.9	0.009	1.32	0.20	1.3	1	0.2	48.0	<0.05	0.48	1.11	0.020	0.06
E811514		20	10.2	13.0	<0.002	0.10	0.10	0.2	1	<0.2	47.8	<0.05	0.10	2.98	0.006	0.08
E811515		220	18.5	33.6	<0.002	3.05	1.88	3.9	1	0.3	552	0.09	0.24	1.08	0.069	0.20
E811516		380	164.0	21.1	<0.002	0.06	5.61	2.2	<1	0.2	27.9	0.08	<0.05	1.81	0.048	0.16
E811517		410	14.1	50.4	<0.002	0.04	3.43	4.5	1	0.3	143.5	0.17	<0.05	3.52	0.122	0.32
E811518		700	632	70.0	<0.002	0.05	15.60	7.7	2	1.5	163.5	0.28	0.05	3.60	0.211	0.59
E811519		1070	36.2	81.5	0.003	0.60	14.75	12.3	2	1.0	257	0.38	<0.05	4.95	0.321	0.73
E811520		910	51.5	49.0	0.004	0.42	17.25	7.8	1	0.9	225	0.33	<0.05	3.83	0.214	0.46
E811521		1050	21.8	26.9	0.002	0.31	6.92	9.8	1	0.9	349	0.41	0.05	4.70	0.291	0.26
E811522		1150	25.0	39.4	<0.002	0.43	8.92	12.6	1	1.0	435	0.45	<0.05	5.15	0.362	0.37
E811523		1250	50.3	62.2	0.003	0.88	22.2	11.6	3	1.3	321	0.51	0.08	5.50	0.375	0.57
E811524		1030	79.6	64.4	0.004	0.65	35.2	7.3	2	1.4	180.0	0.31	0.10	3.12	0.217	0.62
E811525		1200	234	137.0	0.002	1.34	103.0	12.0	3	2.0	289	0.41	0.09	5.25	0.336	1.31
E811526		1280	936	98.2	0.003	1.53	321	8.7	4	1.6	332	0.40	0.06	4.30	0.285	0.97
E811527		390	61.1	49.9	0.002	0.41	21.9	2.8	2	0.6	61.8	0.18	0.05	2.14	0.104	0.43
E811528		740	177.5	69.6	0.008	0.45	79.9	6.5	2	2.1	81.0	0.34	0.09	3.31	0.223	0.64
E811529		360	445	30.9	0.004	0.50	125.0	2.7	2	1.8	38.9	0.14	0.06	1.44	0.089	0.30
E811530		670	374	60.0	0.006	0.83	80.8	6.3	2	2.2	76.3	0.24	0.05	2.78	0.179	0.56
E811531		890	18.8	61.6	<0.002	0.70	8.57	8.9	1	1.2	336	0.37	<0.05	5.06	0.275	0.58
E811532		940	34.1	47.1	<0.002	0.75	7.95	11.4	2	0.8	294	0.24	<0.05	3.74	0.293	0.40
E811533		320	2540	32.5	0.002	1.14	278	3.2	6	1.4	64.2	0.09	0.05	1.11	0.072	0.36
E811534		780	32.9	31.7	0.003	0.10	10.65	7.1	1	0.4	146.5	0.29	<0.05	3.95	0.171	0.28
E811535		1040	158.5	24.1	0.004	0.10	11.70	5.6	1	0.3	194.5	0.30	<0.05	4.31	0.155	0.24
E811536		850	131.5	25.6	0.003	0.09	9.32	4.0	1	0.2	94.9	0.20	<0.05	2.49	0.108	0.25
E811537		860	175.5	47.1	0.006	0.42	27.7	5.7	2	1.8	146.0	0.30	<0.05	3.97	0.167	0.45
E811538		1330	108.5	83.8	0.014	0.27	26.8	7.3	2	1.4	168.5	0.45	0.06	5.86	0.250	0.77
E811539		300	544	45.5	0.003	0.64	73.9	2.5	3	2.8	66.0	0.16	0.06	2.37	0.078	0.47
E811540		740	47.7	121.0	0.002	0.28	9.94	4.7	2	0.9	162.5	0.49	<0.05	11.10	0.176	1.30



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To: TRANSITION METALS CORP.
 9C - 1351 KELLY LAKE ROAD
 SUDBURY ON P3E 5P5

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 Plus Appendix Pages
 Finalized Date: 17-AUG-2022
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Project: Pike/Warden

CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001
E811501		0.7	8	0.4	2.3	5	2.3			
E811502		3.8	4	0.1	0.2	3	1.6			
E811503		2.9	<1	<0.1	0.1	7	<0.5	226		>20.0
E811504		0.7	8	0.6	0.4	<2	0.7			
E811505		5.2	7	2.0	1.2	9	2.8			3.14
E811506		0.2	2	0.2	0.3	<2	0.7			
E811507		1.3	111	4.1	4.2	23	5.2			
E811508		0.3	25	0.6	0.7	2	1.1			
E811509		0.9	45	0.9	1.4	14	2.1			
E811510		3.4	265	1.7	16.2	63	22.9			
E811511		0.4	38	1.6	6.4	30	3.6			
E811512		2.4	135	9.7	22.6	59	50.3			
E811513		0.3	11	34.0	3.4	10	1.5			
E811514		1.2	1	0.1	0.9	<2	3.2			
E811515		0.5	40	2.8	14.5	93	6.6			
E811516		0.8	26	13.0	4.8	340	5.6			
E811517		2.0	48	1.2	10.5	61	8.3			
E811518		2.6	89	2.6	11.2	678	39.2	140		
E811519		2.7	141	2.3	15.6	234	55.0			
E811520		1.7	90	2.5	12.2	178	41.4			
E811521		1.7	113	3.3	14.8	120	54.3			
E811522		1.9	132	3.3	15.4	132	67.7			
E811523		2.5	137	4.7	16.5	196	75.9			
E811524		2.1	89	4.1	11.6	178	36.5			
E811525		2.0	116	4.2	14.7	663	72.1	148		
E811526		1.8	96	5.3	13.4	295	70.1	526		
E811527		1.0	31	3.2	4.6	127	29.1			
E811528		1.9	84	4.8	9.4	149	39.5	96		
E811529		0.9	38	2.1	4.4	98	18.0	188		
E811530		1.8	92	3.8	9.2	644	33.9			
E811531		1.2	101	2.7	14.3	86	44.8			
E811532		1.1	115	2.3	12.2	113	41.9			
E811533		1.1	38	1.2	3.9	1735	13.0	433		
E811534		1.7	101	1.3	13.2	163	42.6			
E811535		3.1	159	1.2	16.4	332	48.0			
E811536		1.8	111	1.0	9.5	226	29.2			
E811537		2.4	108	2.7	12.5	418	43.3			
E811538		3.6	172	3.6	14.4	266	68.1			
E811539		1.9	40	1.5	5.8	257	29.6	159		
E811540		2.6	55	2.4	12.1	137	64.1			



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To: TRANSITION METALS CORP.
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

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Finalized Date: 17-AUG-2022
Account: TRAMET

Project: Pike/Warden

CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	Au-ICP21 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm
		0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E811541		2.03	0.009		3.08	4.25	71.3	770	0.63	0.09	0.74	1.01	32.9	2.1	18	1.80
E811542		3.21	0.038		8.61	2.90	320	310	0.72	0.32	0.73	2.16	29.3	3.2	36	3.16
E811543		1.12	0.010		2.15	6.46	149.0	1170	1.36	0.14	1.39	2.03	58.8	6.9	25	2.07
E811544		1.46	0.015		>100	1.23	59.2	290	0.13	7.75	0.47	21.0	5.24	44.4	10	0.25
E811545		0.26	0.241		1.96	7.74	30.0	1320	1.30	2.36	2.22	1.00	56.7	18.4	100	4.67
E811551		2.03	0.204		6.46	0.65	1.6	100	0.16	1.78	0.13	3.35	2.50	6.2	17	0.22
E811552		1.56	0.026		1.38	9.11	1.8	1550	2.05	0.36	1.16	1.41	69.1	12.6	5	2.36
E811553		2.79	0.250		0.73	3.16	1.8	570	0.80	0.20	0.96	1.22	25.3	6.6	7	1.22
E811554		0.89	0.007		0.25	8.48	0.9	1470	1.70	0.07	2.06	0.41	54.3	17.6	20	2.06
E811555		2.60	4.49		11.30	5.75	0.8	850	1.09	5.77	1.50	1.83	33.4	14.7	19	1.58
E811556		3.75	>10.0	11.80	28.9	1.62	1.9	310	0.39	5.11	0.15	1.66	8.10	5.4	15	0.61
E811557		1.33	0.012		0.38	7.96	0.9	1520	1.48	0.06	2.64	1.85	46.7	15.2	33	1.44
E811558		1.17	0.318		3.06	7.11	1.4	1180	1.46	1.32	1.50	1.97	46.3	18.4	18	1.70
E811559		1.86	2.06		2.88	2.78	2.0	430	0.61	1.52	0.33	0.73	15.65	9.7	16	0.95
E811560		1.38	0.655		>100	1.53	36.8	1060	0.29	0.39	2.21	15.70	7.38	5.1	11	1.28
E811561		0.95	0.019		4.04	0.33	7.7	80	0.09	5.78	0.60	0.15	1.69	1.0	21	0.15
E811562		1.63	0.003		2.11	5.79	1.0	1140	0.80	0.37	2.64	0.77	41.6	20.8	20	0.39
E811563		1.37	0.001		1.17	8.60	0.9	1610	1.44	0.27	3.78	0.34	69.2	12.3	16	1.02
E811564		1.17	0.002		0.27	6.23	0.6	910	1.56	0.26	0.13	0.24	30.9	0.3	8	1.28
E811565		0.42	0.002		0.12	7.97	1.2	1240	1.06	0.03	3.51	0.06	32.9	15.9	83	0.54
E811566		1.44	0.016		1.79	3.13	1.1	900	0.59	0.76	0.59	0.39	24.8	12.4	14	0.92
E811567		1.20	0.008		2.76	4.42	<0.2	1120	0.89	1.50	0.92	0.40	41.5	7.3	14	1.16
E811568		1.54	0.023		4.21	2.37	1.4	360	0.43	6.50	0.15	0.03	8.15	3.0	14	1.38
E811569		1.11	<0.001		0.04	7.31	<0.2	1850	2.01	0.07	1.15	0.13	64.8	1.3	4	6.68
E811570		1.95	<0.001		0.11	8.06	6.5	1590	1.66	0.08	2.96	0.06	77.7	10.1	22	0.84
E811571		1.88	<0.001		0.10	9.06	5.5	1750	1.80	0.09	3.87	0.04	112.5	7.4	6	1.02
E811572		0.88	<0.001		0.08	7.76	1.3	1600	1.19	0.11	0.10	0.19	82.5	0.3	2	1.72
E811573		1.50	0.148		8.30	1.78	4.7	1160	0.31	19.45	0.32	0.12	10.60	16.5	9	1.24
E811574		1.64	0.042		1.09	6.12	1.5	660	0.83	0.29	0.15	0.08	40.8	7.7	8	5.04
E811575		1.21	0.131		9.55	4.94	2.4	2080	0.93	11.10	0.54	0.33	19.00	9.8	12	3.72
E811576		1.37	0.227		87.8	3.15	1.0	590	0.47	157.5	0.38	0.34	12.15	25.4	18	2.24
E811577		2.57	0.002		0.89	4.05	13.5	1100	0.89	0.37	2.80	1.32	99.5	13.7	36	0.37
E813074		0.82	0.003		0.76	0.58	1.0	210	0.06	21.7	0.07	0.02	2.23	19.3	16	0.55
E813075		2.21	0.011		13.35	5.84	3.1	1560	0.70	88.4	1.95	1.04	37.0	12.3	17	1.68
E813076		1.39	0.016		32.9	5.53	1.9	1350	0.67	30.6	1.65	1.86	30.5	9.7	10	1.75
E813077		2.08	>10.0	9.81	57.1	0.75	1.2	120	0.16	71.7	0.04	2.32	4.30	2.7	10	0.32
E813078		2.75	1.730		>100	2.35	>10000	330	0.68	0.55	0.24	100.0	18.05	5.3	66	3.39
E813079		0.74	0.007		15.25	0.70	20.3	120	0.08	450	0.53	0.44	2.35	1.5	16	0.20
E813080		0.91	0.027		51.1	0.10	13.3	10	0.12	671	0.11	5.05	1.20	10.6	12	0.06
E813081		0.63	0.053		3.05	1.83	2.6	650	0.34	18.55	0.10	0.28	16.65	42.9	21	1.04



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To: TRANSITION METALS CORP.
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

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Plus Appendix Pages
Finalized Date: 17-AUG-2022
Account: TRAMET

Project: Pike/Warden

CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2
E811541		5.2	1.22	7.89	0.18	1.1	0.009	2.59	18.7	13.4	0.49	581	1.78	1.03	4.8	6.6
E811542		8.6	1.86	7.47	0.17	0.9	0.028	1.18	15.9	23.7	0.63	712	2.98	0.28	4.8	14.3
E811543		29.7	2.58	14.30	0.26	2.1	0.028	1.86	33.6	20.6	1.17	1010	2.23	2.43	9.3	26.5
E811544		>10000	4.89	4.79	0.12	<0.1	3.42	0.20	3.0	7.3	0.20	178	7080	0.07	0.9	8.1
E811545		1875	4.54	16.75	0.23	1.1	0.088	3.89	31.8	14.9	1.04	394	165.0	1.03	4.8	18.5
E811551		42.7	1.25	1.84	0.08	0.1	0.008	0.27	1.3	4.1	0.16	81	20.4	0.03	0.5	3.6
E811552		79.1	3.32	21.6	0.24	1.1	0.035	3.82	37.4	9.3	1.04	485	121.5	1.67	11.4	5.7
E811553		19.3	1.68	7.61	0.16	0.4	0.016	1.44	13.7	4.6	0.41	326	54.8	0.22	4.2	4.1
E811554		44.0	4.47	18.70	0.24	1.2	0.039	2.33	26.3	18.0	1.65	759	1.31	2.61	11.8	17.1
E811555		582	4.86	13.05	0.17	0.5	0.036	1.79	18.0	10.6	1.07	426	77.6	0.90	4.9	19.5
E811556		501	2.58	3.86	0.08	0.3	0.018	0.78	5.0	2.4	0.15	83	700	0.05	1.2	5.1
E811557		45.5	3.48	16.80	0.22	1.5	0.034	2.30	23.9	13.8	1.50	659	3.97	2.68	9.4	19.4
E811558		117.5	4.09	16.70	0.20	0.7	0.031	2.57	25.3	12.2	1.42	609	209	1.27	7.9	13.6
E811559		110.0	1.52	6.72	0.13	0.3	0.013	1.17	7.8	4.9	0.46	319	554	0.32	2.5	9.1
E811560		2290	1.42	3.17	0.19	0.1	0.008	0.52	4.4	17.4	0.49	495	2.40	0.03	0.9	1.9
E811561		7.4	0.50	0.80	0.06	<0.1	<0.005	0.08	1.0	11.7	0.06	135	2.04	0.01	0.2	0.9
E811562		300	3.79	12.70	0.15	0.3	0.032	1.15	20.9	9.4	1.04	492	2.11	1.91	5.8	9.4
E811563		177.0	5.90	20.6	0.24	0.6	0.046	1.78	32.1	15.7	1.72	805	4.92	2.82	10.6	10.8
E811564		8.3	0.97	12.30	0.20	3.8	0.031	5.52	13.1	4.4	0.05	78	2.63	1.37	14.1	0.7
E811565		26.0	4.61	20.1	0.24	1.6	0.028	0.98	15.1	14.7	2.37	749	1.08	3.05	4.3	21.9
E811566		760	1.62	6.28	0.15	0.3	0.022	1.13	14.5	4.1	0.25	239	1.13	1.03	4.4	1.9
E811567		1200	1.98	7.37	0.18	0.5	0.029	1.62	24.0	4.4	0.30	231	1.34	1.51	5.7	2.2
E811568		105.0	1.24	5.96	0.10	0.1	0.014	0.74	4.2	45.2	0.28	101	7.05	0.44	1.6	5.2
E811569		2.3	1.71	18.40	0.24	3.6	0.029	4.22	33.9	11.9	0.08	591	1.78	1.93	12.2	0.3
E811570		20.3	3.87	19.70	0.28	1.1	0.046	2.44	37.3	13.4	1.28	788	1.44	2.93	17.4	8.0
E811571		31.3	4.88	22.5	0.29	0.7	0.038	1.53	54.7	21.4	1.31	823	2.01	3.22	21.0	2.1
E811572		3.0	1.84	20.3	0.26	7.4	0.112	4.81	36.4	7.3	0.02	156	3.85	2.61	13.5	0.4
E811573		593	3.42	6.32	0.11	0.1	0.029	0.67	6.7	31.2	0.32	231	2310	0.03	1.0	7.8
E811574		511	2.11	15.05	0.13	0.3	0.023	1.85	21.2	34.9	0.45	207	5.33	1.54	5.7	11.1
E811575		1275	1.82	13.80	0.14	0.1	0.032	2.21	10.5	33.1	0.37	170	17.10	0.51	3.0	6.7
E811576		53.8	2.44	8.58	0.09	0.1	0.015	1.23	7.3	23.3	0.33	159	174.5	0.43	2.5	4.1
E811577		98.9	3.26	10.55	0.14	0.3	0.026	1.15	55.0	10.0	1.64	1020	2.26	1.64	21.2	35.2
E813074		10.8	2.47	1.64	<0.05	<0.1	0.010	0.19	1.2	3.2	0.10	105	5.03	0.11	0.2	8.8
E813075		5820	2.87	12.35	0.10	0.3	0.139	2.27	20.2	18.6	0.73	599	1015	1.57	4.3	4.9
E813076		6550	3.13	10.80	0.09	0.2	0.130	2.25	17.2	19.6	0.96	533	225	1.74	3.6	3.7
E813077		670	4.26	2.22	0.05	0.1	0.025	0.37	2.5	3.7	0.05	35	133.5	0.01	1.0	3.0
E813078		735	2.41	6.33	0.06	0.9	0.082	1.26	9.8	23.7	0.32	227	4.90	0.03	2.9	19.4
E813079		2210	0.87	1.68	<0.05	<0.1	0.085	0.61	1.3	2.7	0.06	115	81.6	0.04	0.3	0.8
E813080		>10000	8.67	1.30	0.20	<0.1	1.065	0.02	0.7	3.3	0.01	49	57.1	<0.01	0.1	1.5
E813081		522	8.12	3.77	<0.05	0.1	0.034	0.53	10.7	10.2	0.08	324	140.0	0.57	1.8	9.3



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To: TRANSITION METALS CORP.
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

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CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.01	% 0.005	ppm 0.02
E811541		460	22.4	86.1	<0.002	0.18	3.64	2.8	1	0.8	134.0	0.31	<0.05	6.03	0.113	0.91
E811542		370	103.0	50.6	0.002	0.31	12.35	4.3	1	1.2	89.2	0.31	<0.05	4.55	0.146	0.43
E811543		1160	28.2	57.1	0.002	0.27	6.48	6.1	1	1.0	290	0.57	<0.05	10.05	0.238	0.60
E811544		40	45.2	7.5	0.637	3.13	0.94	0.9	13	0.6	67.4	0.07	0.53	1.13	0.052	0.10
E811545		790	29.1	160.0	0.044	1.84	10.55	12.4	3	4.2	229	0.36	0.29	11.90	0.244	1.28
E811551		30	>10000	11.2	<0.002	0.75	1.38	0.7	4	<0.2	6.0	<0.05	0.77	0.52	0.019	0.07
E811552		1390	2390	140.5	<0.002	0.06	1.52	10.2	<1	1.3	131.0	0.81	0.13	12.65	0.423	0.77
E811553		410	896	53.4	<0.002	0.01	0.66	3.8	<1	0.5	27.5	0.27	0.08	4.66	0.144	0.29
E811554		1690	30.1	74.5	<0.002	<0.01	0.36	15.7	1	1.4	465	0.83	0.08	11.35	0.541	0.58
E811555		750	4190	68.4	<0.002	0.09	0.77	9.9	1	0.7	224	0.27	0.31	4.34	0.297	0.39
E811556		190	>10000	27.5	<0.002	0.27	2.83	2.3	2	0.2	27.2	0.07	1.01	1.20	0.070	0.17
E811557		1100	259	80.9	<0.002	0.02	0.50	11.8	1	1.1	447	0.61	<0.05	9.21	0.386	0.57
E811558		1290	3060	93.6	<0.002	0.10	0.98	12.0	1	0.9	206	0.48	0.26	6.89	0.391	0.53
E811559		220	2430	44.4	<0.002	0.02	0.75	3.5	<1	0.3	25.9	0.15	0.22	2.36	0.128	0.25
E811560		20	>10000	21.3	<0.002	0.43	1085	1.5	3	<0.2	519	<0.05	<0.05	2.62	0.030	0.15
E811561		10	571	4.3	<0.002	0.17	13.75	0.2	<1	<0.2	13.4	<0.05	<0.05	0.36	0.005	0.03
E811562		860	44.9	38.8	<0.002	0.10	2.36	8.6	1	0.9	304	0.30	0.11	4.00	0.339	0.30
E811563		1570	19.2	55.5	0.002	0.52	0.49	16.3	1	1.6	679	0.53	0.13	6.54	0.612	0.50
E811564		60	28.1	159.5	<0.002	0.11	0.40	1.6	<1	2.7	140.5	0.99	0.19	16.10	0.046	1.54
E811565		1110	13.6	16.7	0.017	1.61	0.23	16.2	1	0.8	715	0.24	0.07	3.06	0.459	0.18
E811566		260	14.2	40.9	<0.002	0.76	0.31	2.3	1	0.5	113.5	0.32	0.09	6.16	0.093	0.22
E811567		350	24.8	56.1	<0.002	1.08	0.23	2.6	1	0.6	173.5	0.45	0.11	9.92	0.121	0.30
E811568		240	21.2	36.0	<0.002	0.25	0.76	2.7	1	0.3	29.1	0.08	0.47	1.61	0.092	0.22
E811569		240	21.5	179.0	<0.002	0.04	0.19	2.8	<1	1.7	178.5	1.04	<0.05	18.70	0.113	1.32
E811570		1350	16.6	70.8	<0.002	0.13	0.58	11.6	<1	1.6	658	1.39	<0.05	12.75	0.468	0.50
E811571		2080	14.3	38.2	<0.002	0.40	0.43	10.2	1	1.9	816	1.64	<0.05	10.90	0.614	0.38
E811572		80	20.3	138.5	<0.002	0.04	2.09	8.7	1	1.7	86.6	0.79	<0.05	13.50	0.122	1.25
E811573		100	132.5	33.1	0.167	0.58	2.72	3.4	1	0.3	36.8	0.05	0.80	1.71	0.061	0.31
E811574		430	8.5	78.2	<0.002	0.06	2.77	7.8	<1	0.7	40.4	0.36	<0.05	4.27	0.254	0.55
E811575		270	29.9	103.0	0.003	0.58	2.20	5.5	1	0.5	48.1	0.29	0.70	3.75	0.132	0.65
E811576		290	110.5	59.4	0.022	1.02	0.76	3.7	3	0.4	39.4	0.20	0.92	2.44	0.116	0.36
E811577		1470	5.2	37.4	<0.002	0.82	0.60	5.6	11	1.0	452	0.94	0.10	8.58	0.222	0.28
E813074		40	4.7	7.8	<0.002	0.38	0.11	1.0	1	<0.2	55.2	<0.05	0.29	0.29	0.021	0.06
E813075		420	88.2	81.8	0.154	0.21	6.71	9.2	7	0.7	335	0.42	3.41	9.74	0.244	0.65
E813076		370	29.3	65.6	0.014	0.19	0.54	7.3	5	0.8	297	0.32	1.64	8.54	0.196	0.43
E813077		170	>10000	14.3	<0.002	0.42	2.64	1.3	5	<0.2	8.8	0.08	4.60	0.77	0.039	0.08
E813078		500	3160	53.9	0.006	1.71	1015	4.9	7	1.7	57.5	0.16	0.07	2.30	0.147	0.54
E813079		50	86.4	18.0	<0.002	0.07	2.44	0.4	4	0.2	46.4	<0.05	3.49	0.55	0.011	0.10
E813080		30	40.2	0.7	<0.002	4.95	1.36	0.1	69	1.4	8.9	<0.05	10.40	0.17	0.005	<0.02
E813081		210	12.4	22.1	<0.002	0.72	0.34	1.2	2	0.3	76.6	0.08	1.08	1.63	0.075	0.15



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 9C - 1351 KELLY LAKE ROAD
 SUDBURY ON P3E 5P5

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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62
		U	V	W	Y	Zn	Zr	Ag	Cu	Pb
		ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 1	% 0.001	% 0.001
E811541		1.6	25	1.5	8.7	61	39.8			
E811542		2.4	58	2.4	8.4	131	32.8			
E811543		4.0	114	3.3	17.7	142	90.3			
E811544		1.5	51	20.2	1.0	243	0.9	180	2.32	
E811545		5.2	110	20.1	14.3	74	32.7			
E811551		1.5	13	0.3	0.9	11	2.9			1.755
E811552		4.4	127	6.7	20.4	73	40.8			
E811553		2.0	54	6.9	6.9	27	15.5			
E811554		3.1	134	1.8	20.3	73	37.6			
E811555		8.0	101	2.5	10.7	51	15.7			
E811556		11.9	32	3.8	1.8	15	4.8			4.58
E811557		2.5	100	1.1	16.3	61	53.5			
E811558		3.3	157	2.7	13.9	66	21.8			
E811559		2.2	69	2.1	3.9	22	11.3			
E811560		2.1	14	1.6	2.7	466	2.5	457		1.220
E811561		0.2	3	0.2	0.7	6	0.6			
E811562		1.4	87	5.5	17.3	44	6.3			
E811563		2.4	138	19.5	30.4	80	10.4			
E811564		4.6	4	0.5	24.2	15	77.7			
E811565		1.4	143	0.3	12.8	68	58.5			
E811566		1.6	21	1.3	6.0	18	10.0			
E811567		2.0	24	0.8	6.7	22	14.6			
E811568		1.5	46	3.1	2.8	13	2.5			
E811569		7.0	6	1.9	23.4	53	100.0			
E811570		4.7	100	0.8	26.8	71	27.2			
E811571		3.1	97	0.9	32.6	67	17.4			
E811572		4.7	3	1.2	23.9	72	353			
E811573		0.3	41	3.0	3.0	22	2.9			
E811574		1.3	88	2.7	7.7	38	5.1			
E811575		0.8	82	9.1	6.1	14	3.0			
E811576		0.6	58	3.3	4.0	14	2.6			
E811577		1.5	72	0.7	16.9	108	12.1			
E813074		0.3	18	1.4	1.1	5	1.1			
E813075		7.1	95	256	8.7	63	4.9			
E813076		3.9	77	9.9	9.2	42	3.6			
E813077		14.5	20	0.9	0.6	8	2.0			3.33
E813078		1.8	72	2.4	6.3	3070	34.7	1215		
E813079		0.9	8	0.4	0.7	26	<0.5			
E813080		1.0	69	6.3	1.1	176	<0.5		5.11	
E813081		4.9	19	5.5	3.3	16	2.7			



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9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

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Sample Description	Method Analyte Units LOD	WEI-21	Au-ICP21	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm
		0.02	0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05
E813082		1.28	0.020		1.35	6.18	14.0	990	1.23	4.07	4.42	0.13	36.1	8.0	11	2.54
E813083		0.77	0.056		1.15	6.23	15.3	1200	1.05	2.97	5.75	0.11	45.6	6.9	8	3.52
E813084		0.52	0.541		2.82	6.20	12.1	1370	1.23	4.61	5.52	0.17	41.0	12.3	10	4.57
E813085		0.67	0.012		0.20	9.36	25.5	1590	1.19	0.38	1.69	0.06	59.2	10.1	12	2.56
E813086		0.52	0.002		0.14	7.50	6.5	1090	1.53	0.37	1.99	0.03	35.1	6.4	8	2.36
E813087		0.70	0.002		0.09	8.00	2.1	1640	1.31	0.15	2.89	0.03	28.4	6.1	11	1.73
E813088		2.07	0.027		0.53	4.84	5.1	670	1.00	0.71	12.70	0.18	50.9	11.9	17	3.68
E813089		0.95	0.058		3.79	2.43	3.4	640	0.38	36.9	0.11	0.10	18.40	61.4	6	2.71
E813090		1.82	0.001		0.16	7.14	1.2	1110	1.04	0.28	3.95	0.13	39.4	14.9	8	3.37
E813091		2.53	<0.001		0.11	7.70	1.8	500	0.99	0.15	4.84	0.16	27.4	33.1	133	3.16
E813092		2.07	0.002		0.16	7.56	2.0	550	1.08	0.20	3.15	0.14	44.6	20.9	40	2.28
E813093		1.74	<0.001		0.07	8.97	1.7	1290	1.38	0.18	4.95	0.11	61.4	19.1	41	1.08
E813094		2.15	0.016		0.15	6.47	7.1	210	1.38	0.35	0.18	0.35	55.8	0.5	7	1.55
E813095		1.93	0.003		0.15	6.48	6.8	390	1.38	0.38	0.09	0.15	30.0	0.4	6	2.43
E813096		1.90	<0.001		0.08	6.19	0.6	580	1.48	0.09	1.54	0.04	33.6	6.5	42	0.68
E813097		0.51	0.002		0.20	1.09	0.8	100	0.36	1.18	4.12	0.26	15.30	15.5	12	0.63
E813098		0.82	0.078		23.1	0.09	0.6	10	<0.05	0.27	0.41	13.75	4.29	0.6	13	0.05
E813099		1.05	0.003		0.62	2.08	0.7	1010	0.33	0.89	0.10	0.11	14.55	1.9	19	0.47
E813100		2.58	0.004		1.06	0.88	0.2	570	0.11	0.90	0.14	0.41	4.08	0.6	27	0.20
E811578		1.12	0.015		2.76	3.29	249	550	0.89	0.30	0.85	2.51	44.3	5.0	62	1.92
E811579		1.31	0.003		1.03	6.52	61.3	690	0.98	0.11	0.34	1.54	53.7	2.4	8	1.24
E811580		2.17	0.008		1.52	6.72	179.5	540	0.93	0.10	0.32	0.63	54.6	2.6	12	1.09
E811581		2.00	0.003		1.62	3.67	53.4	310	0.77	0.42	1.03	2.53	34.2	4.3	19	1.04
E811582		2.85	0.003		1.72	1.57	40.6	340	0.44	0.28	0.56	2.55	14.50	2.6	22	1.36
E811583		2.43	0.004		1.04	6.33	131.5	380	0.97	0.08	0.50	0.63	53.9	3.5	10	0.82



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Cu	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb
		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
		0.2	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1
E813082		176.5	2.96	14.85	0.09	0.2	0.019	1.44	22.4	15.2	1.18	782	1.37	2.52	4.8
E813083		84.4	2.93	12.90	0.08	0.3	0.023	1.20	28.0	21.5	1.26	875	1.47	2.37	4.5
E813084		366	3.42	16.35	0.09	0.2	0.025	1.98	23.7	16.0	0.61	898	1.23	2.10	4.9
E813085		18.0	4.06	20.2	0.12	0.2	0.018	2.06	38.0	12.0	1.23	462	1.02	3.80	6.2
E813086		15.5	2.43	16.65	0.11	1.4	0.028	2.26	18.0	6.6	0.44	360	0.76	2.89	9.4
E813087		8.5	2.58	18.15	0.11	0.7	0.020	2.14	15.7	6.1	0.43	351	0.66	3.05	6.8
E813088		44.6	3.44	10.75	0.09	0.5	0.025	1.02	30.7	7.5	2.51	1795	0.36	1.28	4.5
E813089		232	11.45	5.74	0.06	0.1	0.044	0.66	13.2	10.7	0.09	200	211	0.75	2.7
E813090		57.4	3.81	17.55	0.10	0.8	0.028	1.83	19.4	10.2	1.07	657	56.9	2.57	8.0
E813091		33.9	6.42	16.80	0.09	1.0	0.059	1.17	13.2	26.6	2.62	1110	1.28	1.23	6.2
E813092		52.8	4.97	17.65	0.11	0.9	0.041	1.49	22.8	16.0	0.99	794	2.71	2.03	8.4
E813093		26.9	5.55	20.9	0.15	0.8	0.069	1.20	29.6	14.3	2.26	1065	0.75	2.99	11.9
E813094		6.0	1.11	18.30	0.13	6.0	0.075	3.42	22.3	9.2	0.06	101	0.90	2.62	15.1
E813095		6.3	1.09	18.15	0.09	5.8	0.073	5.03	7.5	9.2	0.03	66	0.93	1.49	14.8
E813096		14.0	0.80	10.15	0.11	0.8	0.006	0.70	23.5	4.3	0.68	138	4.62	3.34	3.2
E813097		20.7	1.87	2.29	0.11	0.1	0.005	0.11	7.9	24.5	1.88	559	2.49	0.31	0.9
E813098		64.0	0.55	0.43	0.06	<0.1	0.005	0.01	2.7	1.9	0.12	155	0.53	0.02	0.1
E813099		16.2	0.80	3.88	0.11	0.1	<0.005	0.90	10.0	1.1	0.07	72	3.02	0.71	2.1
E813100		110.0	1.11	1.68	0.07	<0.1	0.005	0.50	2.4	0.9	0.05	61	14.50	0.28	1.1
E811578		9.7	2.16	9.43	0.15	1.5	0.022	1.19	24.9	17.0	0.86	751	13.65	0.35	6.8
E811579		3.9	1.01	10.80	0.17	1.9	0.034	1.69	29.1	8.5	0.47	417	0.66	3.71	8.9
E811580		6.9	1.39	11.45	0.18	1.9	0.019	1.48	29.1	7.6	0.41	382	1.06	3.96	7.8
E811581		8.9	1.75	7.97	0.15	1.1	0.033	0.59	19.6	18.4	0.98	888	2.53	1.63	4.3
E811582		7.8	1.42	4.25	0.10	0.5	0.015	0.51	8.4	17.3	0.77	872	3.47	0.18	1.7
E811583		4.1	1.58	11.35	0.18	1.7	0.010	0.82	28.3	10.2	0.43	511	0.57	3.96	7.1



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To: TRANSITION METALS CORP.
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

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Account: TRAMET

Project: Pike/Warden

CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
		ppm 10	ppm 0.5	ppm 0.1	ppm 0.002	% 0.01	ppm 0.05	ppm 0.1	ppm 1	ppm 0.2	ppm 0.2	ppm 0.05	ppm 0.05	ppm 0.01	% 0.005	ppm 0.02
E813082		720	16.0	47.0	<0.002	0.18	0.61	7.5	1	0.7	309	0.18	0.15	3.95	0.276	0.36
E813083		610	15.2	46.8	<0.002	0.15	0.71	8.5	1	0.6	323	0.17	0.24	3.71	0.248	0.35
E813084		760	19.1	63.1	<0.002	0.41	0.59	9.4	<1	0.7	239	0.17	0.63	3.90	0.276	0.50
E813085		1420	9.1	70.9	<0.002	0.13	0.55	4.5	1	0.6	448	0.26	<0.05	4.25	0.481	0.47
E813086		940	20.0	54.6	<0.002	0.04	0.26	7.2	1	1.0	382	0.72	<0.05	15.35	0.316	0.35
E813087		1030	19.3	43.4	<0.002	0.01	0.16	4.0	1	0.6	602	0.42	<0.05	9.23	0.369	0.33
E813088		610	17.8	43.2	<0.002	0.08	0.46	9.3	<1	0.6	381	0.30	0.06	4.60	0.223	0.24
E813089		270	25.9	30.3	0.003	1.20	0.35	2.0	3	0.5	124.5	0.13	2.83	2.66	0.106	0.20
E813090		1460	8.6	60.3	0.022	0.11	0.49	10.8	1	0.9	322	0.43	<0.05	5.29	0.401	0.53
E813091		1130	7.6	55.6	<0.002	0.03	0.80	28.2	<1	0.9	280	0.36	<0.05	2.15	0.581	0.36
E813092		1440	20.4	49.5	<0.002	0.08	0.44	16.6	1	1.1	284	0.51	<0.05	5.49	0.487	0.41
E813093		1820	12.4	32.8	<0.002	0.04	0.12	19.1	1	1.5	742	0.55	<0.05	4.04	0.662	0.25
E813094		20	23.1	125.0	<0.002	0.16	0.66	0.9	<1	2.9	77.7	1.03	<0.05	20.4	0.040	0.90
E813095		20	17.9	177.0	<0.002	0.20	0.45	1.1	<1	2.8	72.8	1.03	<0.05	18.60	0.041	1.27
E813096		100	20.7	19.3	<0.002	0.02	0.68	2.1	<1	<0.2	489	0.36	<0.05	25.6	0.058	0.16
E813097		140	6.5	5.0	<0.002	0.06	0.59	3.1	1	0.2	183.5	<0.05	0.16	0.72	0.056	0.03
E813098		20	>10000	0.6	<0.002	0.68	7.29	0.2	1	<0.2	11.5	<0.05	0.46	0.13	<0.005	<0.02
E813099		110	125.5	25.0	<0.002	0.06	0.19	0.6	<1	0.4	74.5	0.09	0.27	4.16	0.048	0.16
E813100		60	1150	12.9	0.003	0.74	0.29	0.4	1	<0.2	29.6	0.06	0.12	0.89	0.031	0.09
E811578		1010	48.4	45.2	0.006	0.09	17.80	6.4	1	0.7	121.5	0.40	<0.05	6.05	0.198	0.39
E811579		640	27.0	55.9	<0.002	0.09	4.23	3.4	1	0.2	234	0.57	<0.05	10.25	0.181	0.54
E811580		680	15.2	49.7	<0.002	0.19	4.05	3.1	1	0.3	230	0.50	<0.05	10.30	0.153	0.52
E811581		470	56.6	21.1	<0.002	0.06	4.41	4.1	1	0.2	160.5	0.28	<0.05	5.36	0.115	0.22
E811582		240	67.8	18.6	0.003	0.05	3.08	2.5	1	0.2	56.8	0.11	<0.05	1.98	0.057	0.22
E811583		640	11.0	28.6	<0.002	0.32	6.78	3.8	1	0.3	248	0.44	0.05	9.77	0.142	0.26



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CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Cu-OG62	Pb-OG62
		U	V	W	Y	Zn	Zr	Ag	Cu	Pb
		ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 1	% 0.001	% 0.001
E813082		1.2	76	6.9	10.8	47	5.3			
E813083		2.0	70	4.9	14.2	45	5.3			
E813084		1.7	92	7.1	10.6	46	5.3			
E813085		1.2	88	2.7	6.6	95	9.2			
E813086		2.0	76	0.7	11.2	45	43.3			
E813087		1.5	65	0.4	6.3	49	23.0			
E813088		2.4	76	3.1	26.3	50	26.8			
E813089		2.6	31	24.6	3.7	14	3.3			
E813090		1.7	119	2.7	13.9	54	22.7			
E813091		1.0	196	3.1	21.4	83	32.5			
E813092		1.7	153	3.4	16.4	67	18.5			
E813093		1.1	159	0.2	25.4	96	19.5			
E813094		6.3	4	0.9	38.1	62	147.5			
E813095		6.3	5	0.7	28.2	47	144.0			
E813096		5.8	15	0.1	3.4	15	22.5			
E813097		0.4	21	1.9	10.8	22	2.4			
E813098		0.4	1	0.2	1.6	203	0.9			4.52
E813099		0.6	8	1.4	2.0	10	4.7			
E813100		0.3	5	1.3	0.8	10	1.2			
E811578		3.7	148	2.8	13.9	102	55.3			
E811579		2.4	30	1.3	9.8	96	64.6			
E811580		2.3	24	1.4	7.9	55	66.9			
E811581		1.6	38	0.8	11.4	156	40.0			
E811582		0.7	30	0.7	6.7	129	26.3			
E811583		2.1	23	1.3	9.9	41	59.6			



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9C - 1351 KELLY LAKE ROAD
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CERTIFICATE OF ANALYSIS WH22206418

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Ag-OG62	Au-GRA21	Au-ICP21	Cu-OG62
	ME-MS61	ME-OG62	Pb-OG62	



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QC CERTIFICATE WH22206418

Project: Pike/Warden

This report is for 105 samples of Rock submitted to our lab in Whitehorse, YT, Canada on 25-JUL-2022.

The following have access to data associated with this certificate:

GREG COLLINS
BEN WILLIAMS

GRANT MOURRE

SARAH REESE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
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
ME-MS61	48 element four acid ICP-MS	
Aq-OG62	Ore Grade Ag - Four Acid	
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	
Pb-OG62	Ore Grade Pb - Four Acid	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

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 Analyte Units LOD	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
STANDARDS																
CCU-1e																
Target Range – Lower Bound																
Upper Bound																
EMOG-17																
Target Range – Lower Bound																
Upper Bound																
EMOG-17				65.9	4.62	577	180	1.89	6.26	1.96	21.2	48.7	755	59	7.68	8250
EMOG-17				65.4	4.64	579	230	1.78	5.91	1.93	19.95	47.3	741	57	7.62	7900
Target Range – Lower Bound				60.9	4.18	522	310	1.60	5.31	1.72	18.15	42.9	686	49	6.56	7750
Upper Bound				74.5	5.13	638	440	2.06	6.51	2.12	22.2	52.5	838	62	8.12	8910
EMOG-17																
Target Range – Lower Bound																
Upper Bound																
G917-1			49.7													
Target Range – Lower Bound			45.4													
Upper Bound			51.3													
G919-10		7.24														
G919-10		7.70														
G919-10		7.69														
G919-10		7.66														
Target Range – Lower Bound		7.12														
Upper Bound		8.04														
GPP-14		0.946														
Target Range – Lower Bound		0.853														
Upper Bound		0.965														
KIP-19			2.48													
Target Range – Lower Bound			2.23													
Upper Bound			2.63													
KIP-19		2.49														
Target Range – Lower Bound		2.28														
Upper Bound		2.58														
MP-1b																
Target Range – Lower Bound																
Upper Bound																



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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
STANDARDS																
CCU-1e																
Target Range – Lower Bound																
Upper Bound																
EMOG-17																
Target Range – Lower Bound																
Upper Bound																
EMOG-17		4.91	12.85	0.16	2.0	0.934	1.67	24.8	26.3	0.97	747	1070	1.10	14.8	7600	810
EMOG-17		4.79	12.30	0.12	1.9	0.956	1.65	24.2	25.0	0.97	723	1055	1.11	14.4	7460	790
Target Range – Lower Bound		4.42	10.75	0.06	1.6	0.823	1.49	20.7	23.9	0.86	670	997	0.99	12.7	6820	700
Upper Bound		5.42	13.25	0.30	2.2	1.015	1.85	26.4	29.7	1.08	830	1220	1.23	15.7	8330	880
EMOG-17																
Target Range – Lower Bound																
Upper Bound																
G917-1																
Target Range – Lower Bound																
Upper Bound																
G919-10																
G919-10																
G919-10																
G919-10																
Target Range – Lower Bound																
Upper Bound																
GPP-14																
Target Range – Lower Bound																
Upper Bound																
KIP-19																
Target Range – Lower Bound																
Upper Bound																
KIP-19																
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Upper Bound																
MP-1b																
Target Range – Lower Bound																
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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
STANDARDS																
CCU-1e																
Target Range – Lower Bound																
Upper Bound																
EMOG-17																
Target Range – Lower Bound																
Upper Bound																
EMOG-17		7110	114.0	0.324	3.18	786	8.5	7	2.7	200	0.99	1.32	11.90	0.316	2.28	3.3
EMOG-17		7030	112.5	0.323	3.21	791	8.3	6	2.6	202	0.94	1.24	11.00	0.326	2.18	3.2
Target Range – Lower Bound		6570	98.9	0.286	2.91	643	7.2	4	2.2	184.5	0.78	1.10	10.35	0.294	1.89	2.8
Upper Bound		8030	121.0	0.354	3.57	869	9.0	9	3.2	226	1.08	1.46	12.65	0.370	2.61	3.7
EMOG-17																
Target Range – Lower Bound																
Upper Bound																
G917-1																
Target Range – Lower Bound																
Upper Bound																
G919-10																
G919-10																
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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
STANDARDS										
CCU-1e							212	23.1	0.724	3.05
Target Range - Lower Bound							197	22.1	0.677	2.91
Upper Bound							213	23.7	0.729	3.13
EMOG-17							65			
Target Range - Lower Bound							64			
Upper Bound							71			
EMOG-17		72	4.2	16.3	7460	66.5				
EMOG-17		73	4.1	15.9	7440	61.9				
Target Range - Lower Bound		67	3.3	14.3	6800	55.6				
Upper Bound		84	4.7	17.7	8320	76.4				
EMOG-17							65	0.814	0.712	0.743
Target Range - Lower Bound							64	0.803	0.704	0.729
Upper Bound							71	0.863	0.757	0.784
G917-1										
Target Range - Lower Bound										
Upper Bound										
G919-10										
G919-10										
G919-10										
G919-10										
Target Range - Lower Bound										
Upper Bound										
GPP-14										
Target Range - Lower Bound										
Upper Bound										
KIP-19										
Target Range - Lower Bound										
Upper Bound										
KIP-19										
Target Range - Lower Bound										
Upper Bound										
MP-1b							50			
Target Range - Lower Bound							47			
Upper Bound							53			



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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
STANDARDS																
MP-1b																
MP-1b																
Target Range - Lower Bound																
Upper Bound																
MRGeo08				4.44	7.63	33.6	1100	3.50	0.71	2.76	2.31	76.1	19.9	96	11.95	656
MRGeo08				4.27	6.90	34.5	1090	3.00	0.66	2.65	2.34	62.9	19.4	94	12.00	635
MRGeo08				4.37	7.24	34.1	1070	3.08	0.69	2.70	2.32	70.4	19.9	91	12.40	600
Target Range - Lower Bound				3.93	6.64	29.5	920	2.98	0.58	2.35	2.00	66.2	17.7	81	11.20	587
Upper Bound				4.83	8.14	36.5	1270	3.76	0.73	2.90	2.48	81.0	21.9	102	13.80	675
OREAS 315																
Target Range - Lower Bound																
Upper Bound																
OREAS 315																
Target Range - Lower Bound																
Upper Bound																
OREAS 681		0.053														
Target Range - Lower Bound		0.047														
Upper Bound		0.055														
OREAS 682		0.080														
OREAS 682		0.073														
Target Range - Lower Bound		0.070														
Upper Bound		0.081														
OREAS 906				1.08	7.63	25.0	2870	3.20	12.00	0.61	0.47	102.0	25.8	9	7.09	3160
OREAS 906				0.76	7.55	23.4	2820	2.90	11.15	0.60	0.43	101.5	24.7	11	7.08	3200
OREAS 906				0.74	7.39	23.9	2780	3.02	11.75	0.60	0.45	98.4	24.8	9	7.26	3020
Target Range - Lower Bound				0.67	6.61	20.3	2300	2.60	9.98	0.50	0.36	83.7	21.7	7	6.07	2880
Upper Bound				0.84	8.11	25.3	3130	3.28	12.20	0.63	0.48	102.5	26.7	11	7.53	3320
OREAS 920				0.10	7.89	5.3	560	2.93	0.74	0.53	0.07	101.5	16.2	87	9.39	113.5
OREAS 920				0.09	7.96	5.7	570	2.76	0.62	0.52	0.06	99.7	16.3	85	9.40	117.5
Target Range - Lower Bound				0.08	6.91	4.6	450	2.54	0.61	0.44	0.04	84.6	13.9	75	7.72	104.0
Upper Bound				0.13	8.47	6.1	640	3.22	0.77	0.56	0.12	103.5	17.3	93	9.54	120.0
OREAS 932																
Target Range - Lower Bound																
Upper Bound																



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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
		10													
STANDARDS															
MP-1b															
MP-1b															
Target Range – Lower Bound															
Upper Bound															
MRGeo08		4.02	19.30	0.19	3.2	0.174	3.24	36.8	33.8	1.38	577	21.9	2.03	20.4	710
MRGeo08		3.94	18.95	0.11	3.3	0.171	3.11	28.7	31.1	1.27	570	15.05	2.01	20.7	720
MRGeo08		3.90	19.60	0.20	3.3	0.183	3.16	33.1	29.6	1.32	558	14.95	1.99	20.7	695
Target Range – Lower Bound		3.55	17.50	<0.05	2.8	0.155	2.79	31.1	29.5	1.17	497	13.65	1.76	19.0	622
Upper Bound		4.37	21.5	0.28	3.6	0.201	3.43	39.1	36.5	1.45	619	16.75	2.18	23.4	760
OREAS 315															
Target Range – Lower Bound															
Upper Bound															
OREAS 315															
Target Range – Lower Bound															
Upper Bound															
OREAS 681															
Target Range – Lower Bound															
Upper Bound															
OREAS 682															
OREAS 682															
Target Range – Lower Bound															
Upper Bound															
OREAS 906		5.73	30.3	0.24	7.6	1.290	3.02	50.0	20.8	0.28	382	14.90	2.55	18.8	5.3
OREAS 906		5.65	29.5	0.17	7.2	1.280	2.91	50.9	20.2	0.27	383	4.24	2.50	18.9	5.1
OREAS 906		5.54	29.2	0.28	7.3	1.290	2.91	48.9	20.1	0.28	369	4.08	2.45	18.5	4.9
Target Range – Lower Bound		4.94	25.5	0.07	6.2	1.100	2.55	41.5	17.2	0.24	328	3.60	2.17	15.9	4.2
Upper Bound		6.06	31.3	0.31	7.8	1.360	3.13	51.9	21.4	0.31	412	4.51	2.67	19.7	5.6
OREAS 920		4.16	21.9	0.21	4.9	0.086	2.98	50.0	30.9	1.40	613	0.48	0.66	17.8	41.4
OREAS 920		4.09	21.0	0.17	4.8	0.093	2.92	48.9	28.8	1.39	594	0.47	0.66	17.4	44.5
Target Range – Lower Bound		3.72	18.65	<0.05	4.0	0.070	2.59	41.0	26.0	1.23	535	0.34	0.56	15.6	37.4
Upper Bound		4.56	22.9	0.29	5.2	0.098	3.19	51.2	32.2	1.53	665	0.58	0.71	19.2	46.2
OREAS 932															
Target Range – Lower Bound															
Upper Bound															



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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
STANDARDS																
MP-1b																
MP-1b																
Target Range – Lower Bound																
Upper Bound																
MRGeo08		1080	207	0.009	0.31	4.56	11.8	1	3.9	306	1.53	<0.05	21.1	0.500	1.14	5.5
MRGeo08		1075	174.0	0.007	0.31	4.73	11.3	1	4.1	302	1.52	<0.05	17.35	0.497	1.08	5.1
MRGeo08		1055	194.0	0.007	0.30	4.55	12.2	1	4.1	298	1.53	<0.05	18.90	0.493	1.12	5.2
Target Range – Lower Bound		971	173.5	0.004	0.27	3.89	11.1	<1	3.5	277	1.39	<0.05	17.90	0.443	0.86	4.9
Upper Bound		1185	212	0.013	0.35	5.39	13.7	4	4.7	339	1.81	0.12	21.9	0.553	1.21	6.2
OREAS 315																
Target Range – Lower Bound																
Upper Bound																
OREAS 315																
Target Range – Lower Bound																
Upper Bound																
OREAS 681																
Target Range – Lower Bound																
Upper Bound																
OREAS 682																
OREAS 682																
Target Range – Lower Bound																
Upper Bound																
OREAS 906		37.8	147.0	<0.002	0.04	2.56	4.9	5	4.5	164.0	1.41	0.14	15.80	0.115	0.79	5.4
OREAS 906		36.0	144.5	<0.002	0.04	2.64	4.7	6	4.5	162.5	1.34	0.14	15.85	0.119	0.76	5.4
OREAS 906		37.9	140.5	<0.002	0.04	2.50	5.1	5	4.5	159.5	1.38	0.14	15.10	0.113	0.75	5.1
Target Range – Lower Bound		32.0	124.0	<0.002	0.02	1.96	4.0	3	3.7	140.0	1.17	<0.05	13.30	0.097	0.58	4.5
Upper Bound		40.2	152.0	0.004	0.06	2.76	5.2	7	5.0	172.0	1.54	0.25	16.30	0.129	0.84	5.7
OREAS 920		26.3	186.5	<0.002	0.03	1.54	14.6	1	5.1	84.6	1.45	<0.05	20.2	0.485	0.99	3.9
OREAS 920		22.4	185.5	<0.002	0.03	1.52	14.9	<1	4.9	85.2	1.38	<0.05	19.75	0.491	0.93	3.6
Target Range – Lower Bound		20.7	158.5	<0.002	<0.01	1.22	12.8	<1	4.3	73.6	1.17	<0.05	17.35	0.434	0.73	3.3
Upper Bound		26.4	193.5	0.004	0.05	1.76	15.8	2	5.7	90.4	1.55	0.12	21.2	0.542	1.03	4.2
OREAS 932																
Target Range – Lower Bound																
Upper Bound																



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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
STANDARDS										
MP-1b							50	3.15	2.12	17.40
MP-1b							49	3.10	2.11	17.25
Target Range - Lower Bound							47	2.96	2.02	16.10
Upper Bound							53	3.18	2.17	17.25
MRGeo08		109	4.7	27.0	826	108.0				
MRGeo08		109	4.8	24.4	822	110.5				
MRGeo08		108	4.8	25.9	800	110.0				
Target Range - Lower Bound		97	4.1	23.8	722	92.2				
Upper Bound		121	5.8	29.3	886	126.0				
OREAS 315							70			
Target Range - Lower Bound							69			
Upper Bound							76			
OREAS 315							71	0.077	3.71	5.47
Target Range - Lower Bound							69		3.66	5.26
Upper Bound							76		3.92	5.64
OREAS 681										
Target Range - Lower Bound										
Upper Bound										
OREAS 682										
OREAS 682										
Target Range - Lower Bound										
Upper Bound										
OREAS 906		5	3.1	17.3	169	271				
OREAS 906		5	2.7	17.4	169	270				
OREAS 906		5	2.8	16.6	166	264				
Target Range - Lower Bound		3	2.2	14.1	145	221				
Upper Bound		8	3.2	17.5	181	301				
OREAS 920		98	3.3	35.1	125	164.5				
OREAS 920		98	3.1	34.7	119	160.0				
Target Range - Lower Bound		86	2.5	29.8	102	128.0				
Upper Bound		108	3.7	36.6	130	174.0				
OREAS 932							26	6.22	0.025	0.061
Target Range - Lower Bound							20	5.91		
Upper Bound							24	6.35		



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	Method Analyte Units LOD	Au-ICP21	Au-GRA21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
Sample Description		Au ppm	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm
		0.001	0.05	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
STANDARDS																
OREAS-134b																
OREAS-134b																
Target Range - Lower Bound																
Upper Bound																
OREAS-261		0.049														
Target Range - Lower Bound		0.045														
Upper Bound		0.053														
OREAS-45h		0.039														
Target Range - Lower Bound		0.038														
Upper Bound		0.044														
OxEl66		0.650														
Target Range - Lower Bound		0.612														
Upper Bound		0.692														
PK03		5.10														
PK03		5.23														
PK03		5.08														
PK03		5.20														
Target Range - Lower Bound		4.73														
Upper Bound		5.34														
TAZ-20		0.283														
TAZ-20		0.305														
TAZ-20		0.293														
TAZ-20		0.310														
Target Range - Lower Bound		0.283														
Upper Bound		0.321														
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
STANDARDS																
OREAS-134b																
OREAS-134b																
Target Range – Lower Bound																
Upper Bound																
OREAS-261																
Target Range – Lower Bound																
Upper Bound																
OREAS-45h																
Target Range – Lower Bound																
Upper Bound																
OxE166																
Target Range – Lower Bound																
Upper Bound																
PK03																
PK03																
PK03																
PK03																
Target Range – Lower Bound																
Upper Bound																
TAZ-20																
TAZ-20																
TAZ-20																
TAZ-20																
Target Range – Lower Bound																
Upper Bound																
BLANKS																
BLANK																
Target Range – Lower Bound																
Upper Bound																



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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
STANDARDS										
OREAS-134b							211	0.135	13.50	18.45
OREAS-134b							211	0.137	13.60	18.50
Target Range - Lower Bound							201	0.129	12.90	17.40
Upper Bound							217	0.141	13.85	18.65
OREAS-261										
Target Range - Lower Bound										
Upper Bound										
OREAS-45h										
Target Range - Lower Bound										
Upper Bound										
OxE166										
Target Range - Lower Bound										
Upper Bound										
PK03										
PK03										
PK03										
PK03										
Target Range - Lower Bound										
Upper Bound										
TAZ-20										
TAZ-20										
TAZ-20										
TAZ-20										
Target Range - Lower Bound										
Upper Bound										
BLANKS										
BLANK							<1			
Target Range - Lower Bound							<1			
Upper Bound							2			



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Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
BLANKS																
BLANK			<0.05													
Target Range – Lower Bound			<0.05													
Upper Bound			0.10													
BLANK		0.002														
BLANK		0.002														
BLANK		0.001														
BLANK		<0.001														
BLANK		<0.001														
Target Range – Lower Bound		<0.001														
Upper Bound		0.002														
BLANK				<0.01	<0.01	0.2	<10	<0.05	0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
BLANK				<0.01	<0.01	0.2	<10	<0.05	0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	0.3
BLANK				<0.01	<0.01	<0.2	<10	<0.05	0.01	0.01	<0.02	<0.01	<0.1	<1	<0.05	0.3
BLANK				<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
BLANK				<0.01	<0.01	0.2	<10	<0.05	<0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05	<0.2
Target Range – Lower Bound				<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2
Upper Bound				0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4
BLANK																
Target Range – Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL				0.01	8.15	0.4	1330	1.62	0.02	3.43	0.02	51.0	10.5	38	0.92	1.1
DUP				0.02	8.16	0.3	1310	1.58	0.02	3.48	0.02	49.3	10.2	38	0.91	4.0
Target Range – Lower Bound				<0.01	7.74	<0.2	1210	1.47	<0.01	3.27	<0.02	47.6	9.7	35	0.82	2.3
Upper Bound				0.02	8.57	0.4	1430	1.73	0.03	3.64	0.04	52.7	11.0	41	1.01	2.8
ORIGINAL			<0.05													
DUP			<0.05													
Target Range – Lower Bound			<0.05													
Upper Bound			0.10													



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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<0.01	0.08	0.07	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10
BLANK		<0.01	<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	0.07	<0.01	<0.1	0.2	<10
BLANK		<0.01	<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10
BLANK		<0.01	<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10
BLANK		<0.01	<0.05	0.06	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10
Target Range - Lower Bound		<0.01	<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10
Upper Bound		0.02	0.10	0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20
BLANK																
Target Range - Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL		2.82	21.6	0.14	0.4	0.028	2.14	21.9	27.9	1.30	511	0.56	3.12	10.2	19.3	930
DUP		2.82	21.6	0.11	0.4	0.031	2.13	20.8	25.7	1.29	519	0.57	3.07	10.3	18.6	940
Target Range - Lower Bound		2.67	20.5	0.07	0.3	0.023	2.02	19.8	25.3	1.22	484	0.49	2.93	9.6	17.8	880
Upper Bound		2.97	22.7	0.18	0.5	0.036	2.25	22.9	28.3	1.37	546	0.64	3.26	10.9	20.1	990
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																



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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
BLANKS																
BLANK																
Target Range – Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
BLANK																
Target Range – Lower Bound																
Upper Bound																
BLANK		0.8	<0.1	0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1
BLANK		<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1
BLANK		<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1
BLANK		<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1
BLANK		<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1
Target Range – Lower Bound		<0.5	<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1
Upper Bound		1.0	0.2	0.004	0.02	0.10	0.2	2	0.4	0.4	0.10	0.10	0.02	0.010	0.04	0.2
BLANK																
Target Range – Lower Bound																
Upper Bound																
DUPLICATES																
ORIGINAL		8.8	46.2	<0.002	<0.01	0.09	8.6	<1	1.2	822	0.69	<0.05	3.01	0.360	0.31	1.1
DUP		8.9	43.9	<0.002	<0.01	0.10	8.1	<1	1.2	823	0.67	<0.05	2.86	0.355	0.32	1.1
Target Range – Lower Bound		7.9	42.7	<0.002	<0.01	<0.05	7.8	<1	0.9	781	0.60	<0.05	2.78	0.335	0.27	0.9
Upper Bound		9.8	47.4	0.004	0.02	0.10	8.9	2	1.5	864	0.76	0.10	3.09	0.380	0.36	1.3
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
BLANKS										
BLANK										
Target Range – Lower Bound										
Upper Bound										
BLANK										
BLANK										
BLANK										
BLANK										
Target Range – Lower Bound										
Upper Bound										
BLANK		<1	<0.1	<0.1	<2	<0.5				
BLANK		<1	<0.1	<0.1	<2	<0.5				
BLANK		<1	<0.1	<0.1	<2	<0.5				
BLANK		<1	<0.1	<0.1	<2	<0.5				
BLANK		<1	<0.1	<0.1	<2	<0.5				
Target Range – Lower Bound		<1	<0.1	<0.1	<2	<0.5				
Upper Bound		2	0.2	0.2	4	1.0				
BLANK							<1	<0.001	<0.001	0.001
Target Range – Lower Bound							<1	<0.001	<0.001	<0.001
Upper Bound							2	0.002	0.002	0.002
DUPLICATES										
ORIGINAL		65	0.5	12.2	54	5.6				
DUP		65	1.0	11.8	54	5.4				
Target Range – Lower Bound		61	0.6	11.3	49	4.6				
Upper Bound		69	0.9	12.7	59	6.4				
ORIGINAL										
DUP										
Target Range – Lower Bound										
Upper Bound										



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Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
DUPLICATES																
ORIGINAL			0.39													
DUP			0.26													
Target Range – Lower Bound			0.26													
Upper Bound			0.39													
ORIGINAL			<0.05													
DUP			<0.05													
Target Range – Lower Bound			<0.05													
Upper Bound			0.10													
ORIGINAL		0.011														
DUP		0.005														
Target Range – Lower Bound		0.007														
Upper Bound		0.009														
ORIGINAL		<0.001														
DUP		0.001														
Target Range – Lower Bound		<0.001														
Upper Bound		0.002														
ORIGINAL		0.001														
DUP		0.001														
Target Range – Lower Bound		<0.001														
Upper Bound		0.002														
ORIGINAL		<0.001														
DUP		<0.001														
Target Range – Lower Bound		<0.001														
Upper Bound		0.002														
ORIGINAL		<0.001														
DUP		<0.001														
Target Range – Lower Bound		<0.001														
Upper Bound		0.002														



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Sample Description	Method Analyte Units LOD	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
ORIGINAL DUP Target Range – Lower Bound Upper Bound		DUPLICATES														
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
ORIGINAL DUP Target Range – Lower Bound Upper Bound		DUPLICATES														
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
ORIGINAL DUP Target Range - Lower Bound Upper Bound		DUPLICATES								
ORIGINAL DUP Target Range - Lower Bound Upper Bound										
ORIGINAL DUP Target Range - Lower Bound Upper Bound										
ORIGINAL DUP Target Range - Lower Bound Upper Bound										
ORIGINAL DUP Target Range - Lower Bound Upper Bound										
ORIGINAL DUP Target Range - Lower Bound Upper Bound										
ORIGINAL DUP Target Range - Lower Bound Upper Bound										
ORIGINAL DUP Target Range - Lower Bound Upper Bound										



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Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
DUPLICATES																
ORIGINAL		<0.001														
DUP		<0.001														
Target Range – Lower Bound		<0.001														
Upper Bound		0.002														
ORIGINAL		<0.001														
DUP		<0.001														
Target Range – Lower Bound		<0.001														
Upper Bound		0.002														
ORIGINAL		<0.001														
DUP		<0.001														
Target Range – Lower Bound		<0.001														
Upper Bound		0.002														
E811502		5.79														
DUP		5.00														
Target Range – Lower Bound		5.12														
Upper Bound		5.67														
E811508				1.76	0.49	1.2	20	0.05	2.78	0.49	0.06	4.37	15.5	17	0.05	109.0
DUP				1.88	0.50	2.4	20	0.05	2.80	0.50	0.08	4.50	16.1	22	0.05	112.0
Target Range – Lower Bound				1.72	0.46	1.5	<10	<0.05	2.64	0.46	0.05	4.20	14.9	18	<0.05	106.5
Upper Bound				1.92	0.53	2.1	30	0.10	2.94	0.53	0.09	4.67	16.7	21	0.10	114.5
E811522		0.005														
DUP		0.008														
Target Range – Lower Bound		0.005														
Upper Bound		0.008														
E811526																
DUP																
Target Range – Lower Bound																
Upper Bound																
E811542		0.038														
DUP		0.041														
Target Range – Lower Bound		0.037														
Upper Bound		0.042														



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Sample Description	Method Analyte Units LOD	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
ORIGINAL DUP Target Range – Lower Bound Upper Bound		DUPLICATES														
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
E811502 DUP Target Range – Lower Bound Upper Bound																
E811508 DUP Target Range – Lower Bound Upper Bound		3.04 3.06 2.89 3.21	1.75 1.78 1.63 1.90	<0.05 <0.05 <0.05 0.10	0.1 0.1 <0.1 0.2	0.024 0.024 0.018 0.030	0.03 0.03 0.02 0.04	2.9 2.9 2.3 3.5	0.7 0.7 0.5 0.9	0.04 0.04 0.03 0.05	72 75 65 82	13.20 13.55 12.65 14.10	0.10 0.11 0.09 0.12	0.5 0.5 0.4 0.6	12.2 13.1 11.8 13.5	60 70 50 80
E811522 DUP Target Range – Lower Bound Upper Bound																
E811526 DUP Target Range – Lower Bound Upper Bound																
E811542 DUP Target Range – Lower Bound Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
ORIGINAL DUP Target Range – Lower Bound Upper Bound		DUPLICATES														
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
E811502 DUP Target Range – Lower Bound Upper Bound																
E811508 DUP Target Range – Lower Bound Upper Bound		19.3 16.4 16.5 19.2	1.0 1.1 0.9 1.2	0.003 0.002 <0.002 0.004	2.02 2.06 1.93 2.15	0.13 0.22 0.11 0.24	1.1 1.1 0.9 1.3	3 3 2 4	0.2 0.2 <0.2 0.4	83.0 84.9 79.6 88.3	<0.05 <0.05 <0.05 0.10	0.58 0.62 0.52 0.68	0.49 0.50 0.46 0.53	0.043 0.043 0.036 0.050	<0.02 <0.02 <0.02 0.04	0.3 0.3 0.2 0.4
E811522 DUP Target Range – Lower Bound Upper Bound																
E811526 DUP Target Range – Lower Bound Upper Bound																
E811542 DUP Target Range – Lower Bound Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
ORIGINAL DUP Target Range – Lower Bound Upper Bound	DUPLICATES									
ORIGINAL DUP Target Range – Lower Bound Upper Bound										
ORIGINAL DUP Target Range – Lower Bound Upper Bound										
E811502 DUP Target Range – Lower Bound Upper Bound										
E811508 DUP Target Range – Lower Bound Upper Bound		25 25 23 27	0.6 0.7 0.5 0.8	0.7 0.7 0.6 0.8	2 2 <2 4	1.1 1.2 0.6 1.7				
E811522 DUP Target Range – Lower Bound Upper Bound										
E811526 DUP Target Range – Lower Bound Upper Bound							526 528 513 541			
E811542 DUP Target Range – Lower Bound Upper Bound										



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To: TRANSITION METALS CORP.
 9C – 1351 KELLY LAKE ROAD
 SUDBURY ON P3E 5P5

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 Plus Appendix Pages
 Finalized Date: 17-AUG-2022
 Account: TRAMET

Project: Pike/Warden

QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	Au-GRA21 Au ppm 0.05	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2
DUPLICATES																
E811544				>100	1.23	59.2	290	0.13	7.75	0.47	21.0	5.24	44.4	10	0.25	>10000
DUP				>100	1.22	60.9	290	0.14	7.84	0.47	21.3	5.43	46.3	11	0.25	>10000
Target Range – Lower Bound				95.0	1.15	56.8	260	0.08	7.40	0.44	20.1	5.06	43.0	9	0.19	9650
Upper Bound				100.0	1.30	63.3	320	0.19	8.19	0.50	22.2	5.61	47.7	12	0.31	>10000
E811556																
DUP																
Target Range – Lower Bound																
Upper Bound																
E813079		0.007														
DUP		0.005														
Target Range – Lower Bound		0.005														
Upper Bound		0.007														
E813099		0.003														
DUP		0.003														
Target Range – Lower Bound		0.002														
Upper Bound		0.004														
E811582				1.72	1.57	40.6	340	0.44	0.28	0.56	2.55	14.50	2.6	22	1.36	7.8
DUP				1.86	1.61	39.4	340	0.44	0.28	0.58	2.53	15.80	2.7	43	1.40	8.2
Target Range – Lower Bound				1.69	1.50	37.8	300	0.37	0.26	0.53	2.39	14.40	2.4	30	1.26	7.5
Upper Bound				1.89	1.68	42.2	380	0.51	0.30	0.61	2.69	15.90	2.9	35	1.50	8.5
ORIGINAL		0.009														
DUP		<0.001														
Target Range – Lower Bound		0.004														
Upper Bound		0.006														
ORIGINAL				23.9	3.60	39.3	60	0.80	54.7	23.2	7.28	21.9	3.8	6	1.56	29.0
DUP				24.2	3.73	38.6	60	0.82	53.8	23.8	7.36	21.9	3.8	18	1.54	30.2
Target Range – Lower Bound				22.8	3.47	36.8	50	0.72	51.5	22.3	6.93	20.8	3.5	10	1.42	28.4
Upper Bound				25.3	3.86	41.1	70	0.90	57.0	24.7	7.71	23.0	4.1	14	1.68	30.8



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 9C – 1351 KELLY LAKE ROAD
 SUDBURY ON P3E 5P5

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 Account: TRAMET

Project: Pike/Warden

QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
DUPLICATES																
E811544		4.89	4.79	0.12	<0.1	3.42	0.20	3.0	7.3	0.20	178	7080	0.07	0.9	8.1	40
DUP		4.89	4.95	0.12	<0.1	3.52	0.19	3.1	7.5	0.20	174	6930	0.06	0.9	4.6	40
Target Range – Lower Bound		4.64	4.58	0.06	<0.1	3.29	0.18	2.4	6.8	0.18	162	6650	0.05	0.8	5.8	30
Upper Bound		5.14	5.16	0.18	0.2	3.65	0.21	3.7	8.0	0.22	190	7360	0.08	1.0	6.9	50
E811556																
DUP																
Target Range – Lower Bound																
Upper Bound																
E813079																
DUP																
Target Range – Lower Bound																
Upper Bound																
E813099																
DUP																
Target Range – Lower Bound																
Upper Bound																
E811582		1.42	4.25	0.10	0.5	0.015	0.51	8.4	17.3	0.77	872	3.47	0.18	1.7	15.0	240
DUP		1.47	4.18	0.06	0.4	0.014	0.52	9.1	15.4	0.80	889	3.52	0.19	1.7	15.2	250
Target Range – Lower Bound		1.36	3.95	<0.05	0.3	0.009	0.48	7.8	15.3	0.74	831	3.27	0.17	1.5	14.1	220
Upper Bound		1.53	4.48	0.10	0.6	0.020	0.55	9.7	17.4	0.83	930	3.72	0.20	1.9	16.1	270
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL		2.40	9.91	0.07	1.6	1.570	0.46	11.2	13.8	0.83	2220	0.33	0.04	4.5	5.1	450
DUP		2.47	10.00	0.07	1.9	1.590	0.48	11.2	12.9	0.85	2290	0.39	0.04	4.5	5.3	470
Target Range – Lower Bound		2.30	9.41	<0.05	1.6	1.495	0.44	10.1	12.5	0.79	2140	0.29	0.03	4.2	4.7	430
Upper Bound		2.57	10.50	0.10	1.9	1.665	0.50	12.3	14.2	0.89	2370	0.43	0.05	4.8	5.7	490



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Project: Pike/Warden

QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 Pb ppm 0.5	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1
DUPLICATES																
E811544		45.2	7.5	0.637	3.13	0.94	0.9	13	0.6	67.4	0.07	0.53	1.13	0.052	0.10	1.5
DUP		45.7	7.6	0.622	3.04	0.95	0.9	14	0.6	68.6	0.07	0.56	1.16	0.052	0.09	1.7
Target Range – Lower Bound		42.7	7.1	0.596	2.92	0.82	0.8	12	0.4	64.4	<0.05	0.47	1.08	0.044	0.07	1.4
Upper Bound		48.2	8.0	0.663	3.25	1.07	1.0	15	0.8	71.6	0.10	0.62	1.21	0.060	0.12	1.8
E811556																
DUP																
Target Range – Lower Bound																
Upper Bound																
E813079																
DUP																
Target Range – Lower Bound																
Upper Bound																
E813099																
DUP																
Target Range – Lower Bound																
Upper Bound																
E811582		67.8	18.6	0.003	0.05	3.08	2.5	1	0.2	56.8	0.11	<0.05	1.98	0.057	0.22	0.7
DUP		66.1	18.8	0.002	0.05	3.11	2.5	1	0.2	58.6	0.11	<0.05	2.01	0.058	0.21	0.7
Target Range – Lower Bound		63.1	17.7	<0.002	0.04	2.81	2.3	<1	<0.2	54.6	<0.05	<0.05	1.89	0.050	0.18	0.6
Upper Bound		70.8	19.7	0.004	0.06	3.38	2.7	2	0.4	60.8	0.17	0.10	2.10	0.065	0.25	0.8
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL		937	34.2	<0.002	0.04	26.9	8.3	3	15.4	79.5	0.28	3.41	1.57	0.207	0.46	1.1
DUP		972	34.5	<0.002	0.04	26.6	8.3	4	15.4	80.0	0.29	3.57	1.55	0.215	0.46	1.2
Target Range – Lower Bound		906	32.5	<0.002	0.03	24.7	7.8	2	14.4	75.6	0.22	3.27	1.47	0.195	0.41	1.0
Upper Bound		1005	36.2	0.004	0.05	28.8	8.8	5	16.4	83.9	0.35	3.71	1.65	0.227	0.51	1.3



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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
DUPLICATES										
E811544		51	20.2	1.0	243	0.9				
DUP		51	20.3	1.0	243	1.0				
Target Range – Lower Bound		47	18.6	0.9	229	<0.5				
Upper Bound		55	21.9	1.2	257	1.0				
E811556									4.58	
DUP							36	0.060	4.60	0.003
Target Range – Lower Bound							34	0.058	4.47	0.002
Upper Bound							38	0.063	4.71	0.004
E813079										
DUP										
Target Range – Lower Bound										
Upper Bound										
E813099										
DUP										
Target Range – Lower Bound										
Upper Bound										
E811582		30	0.7	6.7	129	26.3				
DUP		31	0.6	6.8	132	21.7				
Target Range – Lower Bound		28	0.5	6.3	122	21.7				
Upper Bound		33	0.8	7.2	139	26.3				
ORIGINAL										
DUP										
Target Range – Lower Bound										
Upper Bound										
ORIGINAL		37	6.6	19.2	400	45.9				
DUP		39	6.5	19.4	415	51.7				
Target Range – Lower Bound		35	6.0	18.2	385	44.6				
Upper Bound		41	7.1	20.4	430	53.0				

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



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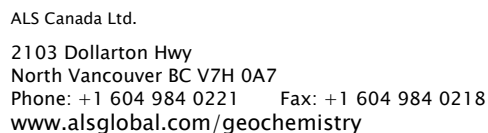
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QC CERTIFICATE OF ANALYSIS WH22206418

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2
		10													
PREP DUPLICATES															
E811557		3.48	16.80	0.22	1.5	0.034	2.30	23.9	13.8	1.50	659	3.97	2.68	9.4	19.4
E811557 PREP DUP		3.54	17.80	0.23	1.5	0.037	2.29	21.6	14.0	1.49	672	2.42	2.72	9.8	20.6
		1100													

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



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SUDBURY ON P3E 5P5

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QC CERTIFICATE OF ANALYSIS WH22206418

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Ag-OG62	Au-GRA21	Au-ICP21	Cu-OG62
	ME-MS61	ME-OG62	Pb-OG62	



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This copy reported on
29-DEC-2022
Account: TRAMET

CERTIFICATE WH22301869

Project: PIKE WARDEN

This report is for 147 samples of Percussion submitted to our lab in Whitehorse, YT, Canada on 20-OCT-2022.

The following have access to data associated with this certificate:

GREG COLLINS
SARAH REESE

THOMAS HART
BEN WILLIAMS

GRANT MOURRE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
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
Aq-OG62	Ore Grade Ag - Four Acid	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	
Pb-OG62	Ore Grade Pb - Four Acid	
Zn-OG62	Ore Grade Zn - Four Acid	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

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

Signature:

Saa Traxler, Director, North Vancouver Operations



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Project: PIKE WARDEN

CERTIFICATE OF ANALYSIS WH22301869

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E811151		2.13	0.191	>100	4.07	1020	730	0.91	1.71	0.62	25.0	31.6	10.8	74	4.77	163.5
E811152		4.23	0.079	95.7	3.03	789	510	0.75	2.01	1.72	23.8	25.8	9.3	56	4.81	57.4
E811153		1.55	0.022	8.28	4.55	230	890	0.85	0.89	2.52	5.90	39.6	12.4	71	3.39	10.4
E811154		2.32	0.057	86.9	4.58	690	880	0.88	0.37	3.30	16.15	35.4	10.0	53	4.69	54.9
E811155		2.83	0.028	21.0	4.56	304	820	0.90	0.34	3.35	10.35	34.5	13.0	82	4.44	24.0
E811156		2.42	0.315	>100	5.55	2110	400	0.89	0.38	1.80	45.7	40.2	6.3	28	4.22	171.5
E811157		3.30	0.009	5.17	4.92	94.8	340	0.61	0.35	1.46	5.74	32.5	4.5	25	1.30	12.0
E811158		3.35	0.013	5.72	4.34	154.0	380	0.66	0.52	1.88	6.12	29.8	6.1	31	2.35	8.4
E811159		3.27	0.027	5.30	3.87	294	700	0.73	0.50	2.46	6.35	33.0	6.9	44	3.31	10.0
E811160		3.04	0.042	3.39	3.02	416	440	0.55	0.18	1.57	1.12	28.8	4.6	35	1.85	5.7
E811161		3.08	0.052	7.66	4.71	980	810	1.05	0.28	2.22	3.56	35.2	12.1	77	3.30	27.5
E811162		2.83	0.012	3.04	6.36	139.0	840	1.39	0.31	2.34	10.95	48.0	9.0	46	1.83	43.7
E811163		3.11	0.004	2.43	6.31	28.2	850	1.45	0.22	2.32	7.34	43.9	6.6	26	1.02	48.0
E811164		3.34	0.003	1.48	6.45	57.5	1450	1.28	0.16	4.28	1.94	50.0	21.2	116	1.87	15.0
E811165		2.75	0.004	2.63	6.16	75.9	2050	1.23	0.24	2.74	4.85	55.3	15.8	74	3.55	52.3
E811166		3.48	0.002	2.97	4.45	27.9	1140	0.91	2.16	6.50	0.60	44.8	9.7	48	2.29	6.6
E811167		2.99	0.005	1.92	4.62	35.5	1650	1.01	0.23	4.25	0.65	44.7	7.6	44	1.82	9.2
E811168		2.63	0.016	10.40	5.45	165.5	1750	1.17	0.08	1.65	2.93	50.5	7.7	56	3.03	13.4
E811169		3.65	0.002	1.84	7.60	17.6	1240	1.51	0.14	4.11	0.33	47.2	22.5	93	1.56	17.0
E811170		0.26	0.087	67.6	5.04	2720	630	0.83	3.72	7.06	139.0	28.6	15.4	43	2.81	1070
E811171		2.93	0.002	0.02	0.07	0.3	20	0.06	0.01	21.2	0.08	1.08	0.8	1	0.30	1.6
E811172		3.08	0.002	1.52	7.77	13.2	1130	1.48	0.17	4.78	0.22	48.3	24.9	95	1.54	15.2
E811173		3.23	0.003	2.66	8.03	13.6	1380	1.56	0.22	4.61	0.24	55.2	19.9	49	2.16	25.4
E811174		3.39	0.002	2.75	8.09	13.8	1430	1.51	0.21	4.36	0.29	55.6	20.1	63	2.29	31.8
E811175		3.38	0.003	1.32	8.07	14.2	1300	1.50	0.16	4.78	0.24	50.2	23.6	89	2.41	22.5
E811176		3.49	0.002	1.31	7.98	12.7	1300	1.43	0.12	4.27	0.23	45.2	21.7	67	1.62	26.4
E811177		2.96	0.003	1.49	8.05	16.4	980	1.38	0.07	4.13	0.30	39.9	19.3	20	2.15	8.9
E811178		3.85	0.004	2.65	8.11	17.0	1140	1.45	0.07	4.01	0.32	39.9	19.1	18	2.08	18.9
E811179		3.38	0.004	3.71	7.02	27.7	1520	1.37	0.11	3.00	0.46	46.6	14.5	35	2.44	29.0
E811180		3.04	0.001	2.36	5.28	23.0	2410	1.21	0.11	3.27	0.43	51.5	7.7	50	1.38	48.8
E811181		3.20	0.001	1.30	5.30	11.6	2110	1.10	0.15	1.48	0.56	48.7	7.6	45	1.47	48.0
E811182		3.51	0.002	2.12	4.91	14.5	1500	1.23	0.12	2.12	0.28	47.9	7.1	43	1.56	27.2
E811183		3.52	0.001	1.01	7.05	18.4	1480	1.56	0.39	2.99	0.52	49.5	11.9	23	3.20	29.9
E811184		3.78	0.002	0.62	7.97	15.9	1110	1.61	0.11	4.00	0.23	54.0	15.2	11	2.69	18.2
E811185		3.46	<0.001	1.11	7.76	12.2	1450	1.71	0.07	3.80	0.25	47.1	15.1	11	2.41	55.5
E811186		3.00	0.002	2.10	7.70	33.1	3210	1.60	0.16	3.87	0.48	75.4	21.6	77	2.40	141.5
E811187		3.75	0.005	1.31	6.94	62.7	1600	1.73	0.20	6.84	0.57	58.7	28.3	88	7.98	87.9
E811188		3.64	0.003	0.46	7.11	16.9	1570	1.21	0.08	4.19	0.13	47.2	24.7	99	5.50	26.7
E811189		3.45	<0.001	0.32	5.12	8.4	2110	1.13	0.05	2.22	0.22	50.3	7.5	59	2.13	17.0
E811190		0.26	0.093	65.6	4.91	2650	620	0.79	3.77	6.80	136.5	28.5	15.1	40	2.81	1060



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E811151		2.66	10.05	0.12	1.1	0.103	1.88	17.8	24.9	1.47	1610	6.46	0.05	5.6	45.5	1200
E811152		2.42	8.15	0.09	1.0	0.110	1.30	15.1	24.0	1.07	1270	8.63	0.04	4.9	40.1	1220
E811153		2.89	10.95	0.14	1.6	0.059	2.00	22.6	21.8	1.58	1135	12.55	0.37	7.5	47.4	1380
E811154		2.93	10.40	0.13	1.6	0.073	2.15	19.4	22.8	1.45	1480	7.10	0.47	6.0	36.2	1120
E811155		3.15	11.45	0.12	1.5	0.070	1.87	19.0	25.2	1.69	1265	6.65	0.32	6.3	47.5	1170
E811156		2.13	10.40	0.16	1.6	0.099	1.14	23.1	12.8	0.69	738	8.59	2.89	6.4	23.0	750
E811157		1.37	8.67	0.14	1.3	0.041	1.02	18.5	10.4	0.61	488	6.23	2.67	5.2	18.5	660
E811158		2.06	8.04	0.13	1.8	0.034	1.01	17.4	16.3	0.77	730	9.92	1.89	5.1	25.9	850
E811159		1.98	8.81	0.14	1.4	0.043	1.53	19.6	17.9	0.98	1055	16.20	0.73	5.8	44.0	1270
E811160		2.16	6.42	0.12	1.2	0.011	1.01	16.8	15.6	0.66	732	11.70	0.84	4.3	29.1	770
E811161		3.66	11.90	0.11	1.6	0.038	1.69	20.2	32.6	1.78	1200	6.50	0.50	7.7	44.6	1070
E811162		2.54	12.75	0.17	2.0	0.142	1.40	26.9	19.0	1.15	937	5.59	3.08	9.8	28.5	970
E811163		2.03	12.90	0.16	2.3	0.101	1.07	23.7	14.1	0.98	740	4.39	3.84	8.9	18.6	950
E811164		5.08	17.40	0.15	1.5	0.054	1.54	25.4	40.6	2.94	1660	5.22	1.66	9.7	81.7	1500
E811165		4.01	16.00	0.18	1.4	0.094	2.49	29.4	34.4	2.22	1215	3.50	0.96	10.0	44.6	1090
E811166		3.41	12.85	0.10	0.9	0.069	1.30	23.9	30.1	2.45	1285	4.08	0.65	6.7	29.6	590
E811167		3.01	11.35	0.15	0.3	0.039	1.82	22.7	30.7	2.22	1045	2.94	0.55	6.4	22.8	350
E811168		3.11	12.35	0.16	0.3	0.030	2.44	24.6	24.1	1.80	943	6.03	0.88	8.5	27.1	350
E811169		4.95	15.00	0.15	1.7	0.054	1.84	24.0	25.0	2.67	1045	1.89	2.47	9.8	55.8	1590
E811170		3.91	10.35	0.11	1.2	0.084	1.43	14.6	17.8	0.73	2970	4.82	1.30	4.1	27.3	690
E811171		0.49	0.24	0.09	<0.1	<0.005	0.03	0.5	1.3	13.05	213	0.70	0.01	0.2	1.9	160
E811172		5.05	14.65	0.14	1.7	0.057	1.81	23.8	26.6	2.76	1065	1.86	2.58	9.4	59.6	1680
E811173		4.74	15.90	0.15	2.1	0.057	2.22	28.2	21.5	2.25	999	2.30	2.67	10.0	27.1	1650
E811174		4.75	16.15	0.15	2.1	0.054	2.21	28.8	21.8	2.40	995	1.66	2.47	10.6	29.3	1620
E811175		5.20	15.85	0.15	2.1	0.053	2.14	25.5	28.3	2.63	1065	2.27	2.41	10.5	54.2	1810
E811176		4.80	15.55	0.15	1.9	0.051	1.98	23.1	23.6	2.35	968	1.99	2.69	9.8	40.1	1590
E811177		4.19	16.40	0.13	1.6	0.045	2.15	20.0	19.8	1.68	897	2.28	2.72	9.5	17.9	1220
E811178		4.12	16.65	0.14	1.8	0.047	2.24	20.2	18.9	1.69	866	2.08	2.80	9.5	16.8	1210
E811179		3.79	14.60	0.15	1.2	0.039	2.27	23.5	23.8	1.84	774	3.32	1.84	8.7	21.1	800
E811180		2.64	13.00	0.16	0.4	0.035	2.51	25.5	30.5	2.31	680	6.24	0.59	8.9	27.4	400
E811181		3.03	13.95	0.15	0.4	0.033	2.43	24.6	23.4	1.68	499	3.89	0.65	4.4	22.7	230
E811182		2.66	12.10	0.13	0.2	0.034	1.80	23.4	24.9	1.98	577	2.44	0.53	7.9	20.5	300
E811183		3.69	15.45	0.13	1.6	0.048	2.16	25.1	25.6	1.63	677	2.32	1.95	9.8	17.8	1270
E811184		4.18	17.50	0.15	2.3	0.048	2.16	27.1	21.6	1.60	773	2.21	2.71	10.0	15.8	1710
E811185		4.21	17.65	0.14	2.4	0.060	2.36	22.9	19.7	1.58	811	3.70	2.63	10.5	16.2	1730
E811186		4.62	19.70	0.19	1.2	0.049	3.53	36.8	31.4	2.37	1150	7.80	1.43	12.0	73.8	2290
E811187		5.08	16.80	0.17	1.1	0.049	2.35	31.2	44.1	3.91	1610	8.19	0.62	8.4	89.5	1910
E811188		4.77	14.65	0.14	1.4	0.045	1.80	24.4	36.2	3.31	902	2.38	1.35	7.5	74.3	1110
E811189		2.85	12.10	0.14	0.4	0.027	2.36	26.1	30.2	2.43	670	3.76	0.61	8.0	35.7	630
E811190		3.86	10.30	0.11	1.3	0.087	1.40	14.7	17.6	0.71	2860	4.87	1.27	4.1	26.6	660



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.1
E811151		918	77.4	0.002	0.13	165.0	8.6	3	1.3	116.5	0.34	<0.05	4.21	0.253	2.2
E811152		750	56.8	0.005	0.27	56.6	6.5	3	1.2	171.0	0.29	0.05	3.31	0.189	2.2
E811153		188.0	76.3	0.009	0.67	20.7	9.5	4	0.7	232	0.44	0.05	5.15	0.276	2.8
E811154		363	79.9	0.009	0.78	69.7	9.5	4	1.2	270	0.34	<0.05	4.17	0.278	2.3
E811155		187.5	71.8	0.012	1.01	35.7	10.5	3	1.0	284	0.34	<0.05	4.38	0.293	2.4
E811156		901	43.7	0.009	0.90	147.5	5.5	4	1.1	236	0.44	<0.05	6.78	0.184	2.9
E811157		59.9	34.5	0.006	0.46	7.95	3.4	2	0.3	231	0.34	<0.05	5.71	0.134	2.3
E811158		114.0	37.6	0.011	0.73	8.93	4.2	3	0.7	255	0.34	<0.05	4.57	0.166	2.8
E811159		86.4	54.1	0.020	0.84	9.30	5.9	2	0.8	203	0.36	<0.05	4.89	0.208	3.7
E811160		41.7	35.7	0.010	0.59	9.04	3.4	2	0.5	136.5	0.29	<0.05	4.63	0.119	2.6
E811161		131.5	60.3	0.009	1.15	18.65	10.0	3	1.6	226	0.48	0.05	5.35	0.303	3.5
E811162		347	38.2	0.004	0.47	6.26	7.1	5	0.9	401	0.64	0.13	8.32	0.297	2.8
E811163		233	20.9	0.002	0.13	2.34	5.9	4	0.6	449	0.59	0.08	7.38	0.248	2.0
E811164		190.0	35.7	0.006	0.11	3.15	14.7	3	1.1	410	0.59	0.08	5.97	0.449	2.2
E811165		217	82.9	0.005	0.39	3.85	14.1	4	1.5	282	0.66	0.11	7.81	0.362	2.1
E811166		160.5	48.2	0.002	0.23	1.91	7.9	3	1.0	324	0.45	0.12	6.49	0.223	2.0
E811167		52.3	62.6	0.003	0.23	1.98	7.4	2	1.0	236	0.44	<0.05	6.17	0.214	1.3
E811168		124.5	83.9	0.003	0.36	3.81	10.2	1	1.5	203	0.51	<0.05	7.75	0.251	1.3
E811169		20.5	55.0	<0.002	0.88	2.13	17.3	2	1.1	522	0.51	<0.05	4.99	0.539	1.6
E811170		>10000	68.9	0.003	2.78	58.9	8.8	3	2.7	446	0.29	0.20	3.50	0.220	1.7
E811171		2.4	1.7	<0.002	<0.01	<0.05	0.2	1	<0.2	45.5	<0.05	<0.05	0.06	<0.005	0.3
E811172		18.8	58.4	<0.002	1.07	1.63	18.2	2	0.9	574	0.47	0.05	4.84	0.535	1.7
E811173		19.2	71.7	<0.002	0.96	1.86	16.6	2	1.1	600	0.51	0.06	5.85	0.510	1.8
E811174		25.5	65.8	<0.002	0.59	2.12	17.1	1	1.1	604	0.53	<0.05	5.80	0.519	1.8
E811175		20.6	63.3	<0.002	0.93	1.41	18.9	1	1.1	612	0.53	<0.05	4.99	0.589	1.8
E811176		17.5	57.6	<0.002	0.81	1.45	16.1	2	1.1	591	0.48	0.05	4.59	0.525	1.4
E811177		13.0	75.8	<0.002	0.66	1.40	13.5	1	1.3	503	0.51	<0.05	3.94	0.463	1.4
E811178		15.6	73.5	<0.002	0.69	1.77	13.7	2	1.2	523	0.52	<0.05	3.95	0.460	1.3
E811179		31.2	78.3	0.004	0.40	2.26	12.3	2	1.1	388	0.48	0.05	5.81	0.353	1.5
E811180		26.8	75.4	0.005	0.16	2.02	9.3	2	1.0	253	0.56	0.06	8.70	0.271	2.2
E811181		29.3	68.3	0.002	0.24	0.79	10.2	1	1.2	147.5	0.31	<0.05	7.66	0.189	0.9
E811182		20.3	68.6	0.002	0.14	1.38	8.8	1	1.0	183.0	0.47	0.05	7.08	0.238	0.9
E811183		20.9	65.5	0.004	0.11	1.20	12.0	1	1.1	409	0.52	0.07	6.51	0.389	1.9
E811184		25.4	63.2	0.002	0.22	1.04	12.5	2	1.0	551	0.52	0.05	6.02	0.448	2.0
E811185		20.3	60.0	0.002	0.19	1.09	11.8	1	1.1	566	0.53	<0.05	5.04	0.461	1.6
E811186		30.8	87.9	0.003	0.57	1.33	15.6	3	1.0	387	0.69	0.11	11.25	0.391	2.8
E811187		28.4	87.1	0.013	0.70	2.49	17.9	3	0.8	392	0.49	0.09	8.96	0.396	3.8
E811188		14.9	76.1	0.002	0.30	1.35	19.1	1	0.9	463	0.38	<0.05	5.51	0.424	1.9
E811189		15.1	68.7	0.002	0.02	0.74	9.3	1	1.0	212	0.48	<0.05	7.80	0.247	1.2
E811190		>10000	68.8	0.002	2.73	57.6	8.7	3	2.8	438	0.29	0.19	3.64	0.213	1.8



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
		V	W	Y	Zn	Zr	Ag	Pb	Zn
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 1	% 0.001	% 0.001
E811151		137	4.1	15.0	1150	47.2	468		
E811152		124	4.8	12.6	1045	40.3			
E811153		170	4.4	16.3	319	76.7			
E811154		129	4.7	16.2	729	58.9			
E811155		143	4.2	15.7	555	51.1			
E811156		67	4.2	13.1	2040	58.5	261		
E811157		52	4.9	9.2	273	43.5			
E811158		75	6.0	10.2	288	50.4			
E811159		167	5.4	14.9	308	54.2			
E811160		102	4.9	10.1	65	43.7			
E811161		138	5.1	14.3	246	55.9			
E811162		81	4.3	13.5	829	68.1			
E811163		58	2.9	11.0	546	86.7			
E811164		164	2.3	20.2	264	60.8			
E811165		123	3.6	20.1	426	48.2			
E811166		92	5.6	15.8	107	31.8			
E811167		80	2.6	15.8	120	9.8			
E811168		86	3.4	14.4	170	12.7			
E811169		149	2.8	17.9	110	81.8			
E811170		66	8.7	13.8	>10000	44.0		1.975	1.945
E811171		2	0.1	0.7	24	<0.5			
E811172		151	2.7	17.2	105	91.4			
E811173		141	2.7	19.4	94	103.0			
E811174		143	1.6	18.8	109	97.9			
E811175		160	2.1	18.7	111	100.5			
E811176		143	1.9	17.1	102	90.9			
E811177		127	2.2	14.4	81	60.5			
E811178		127	2.0	14.6	87	84.0			
E811179		113	2.5	15.2	93	65.0			
E811180		104	3.3	18.8	88	15.0			
E811181		62	3.6	10.7	80	8.5			
E811182		74	2.1	12.4	75	8.3			
E811183		105	2.5	15.5	96	82.0			
E811184		118	2.1	16.2	82	111.5			
E811185		121	2.3	15.6	81	115.5			
E811186		361	3.7	25.7	120	57.5			
E811187		261	2.5	27.3	141	57.0			
E811188		165	1.8	17.4	98	61.2			
E811189		146	1.4	15.4	78	18.5			
E811190		63	9.2	12.7	>10000	42.2		1.965	1.950



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E811191		2.81	0.001	0.02	0.05	0.6	20	0.05	0.02	20.9	0.08	1.08	0.9	<1	0.09	2.4
E811192		2.95	<0.001	0.45	4.14	9.2	1750	0.90	0.06	3.36	0.31	40.7	7.6	55	1.49	27.9
E811193		3.44	<0.001	0.39	4.92	8.9	2220	1.10	0.06	3.10	0.39	46.1	11.0	61	1.55	30.0
E811194		3.55	0.009	0.95	4.57	44.1	1380	1.07	0.19	3.11	0.34	42.6	9.5	56	4.57	13.6
E811195		3.21	0.001	0.53	5.00	14.2	2260	1.27	0.26	6.01	0.46	47.2	10.0	54	5.50	20.1
E811196		3.67	<0.001	0.33	4.85	3.2	3580	1.50	0.38	8.08	0.37	51.7	8.0	41	4.17	14.4
E811197		3.54	<0.001	0.29	4.58	2.8	2540	1.46	0.30	6.72	0.23	50.4	7.3	43	3.27	23.1
E811198		3.42	<0.001	0.43	5.21	3.9	2200	1.38	0.13	2.25	0.18	50.1	8.3	49	1.90	48.0
E811199		3.59	<0.001	0.34	4.99	2.9	2110	1.38	0.08	1.83	0.19	53.5	9.2	46	2.07	46.5
E811200		3.02	<0.001	0.52	5.16	3.4	2170	1.04	0.10	0.63	0.36	58.0	10.1	55	1.17	54.6
E811201		3.10	<0.001	0.42	5.86	4.3	1660	1.16	0.13	2.40	0.57	39.7	11.3	36	0.99	47.9
E811202		3.29	<0.001	0.24	7.47	14.2	1780	1.42	0.18	3.71	0.13	48.8	18.6	51	1.93	36.2
E811203		3.71	0.001	0.47	6.70	19.2	1250	1.20	0.19	5.04	0.70	33.8	23.6	139	4.97	68.3
E811204		3.33	<0.001	0.18	7.86	12.2	1710	1.39	0.26	4.59	0.09	60.7	19.4	66	3.30	19.1
E811205		3.46	<0.001	0.48	5.81	24.0	2250	1.32	0.16	3.79	1.11	57.3	12.6	65	1.94	55.1
E811206		3.63	0.001	0.42	8.32	23.1	1790	1.93	0.28	1.83	0.37	67.8	4.6	8	1.78	17.2
E811207		3.56	0.002	0.31	8.13	23.7	1850	1.95	0.23	1.91	0.26	67.9	4.2	8	1.77	11.6
E811208		3.54	<0.001	0.46	8.19	11.8	1860	1.95	0.36	1.80	0.46	65.9	4.3	8	1.82	25.1
E811209		3.72	0.001	0.38	7.99	14.6	1790	1.90	0.36	1.81	0.52	64.9	4.1	8	1.72	17.8
E811210		0.30	0.090	63.2	4.86	2670	610	0.81	4.35	6.98	131.5	27.4	13.0	42	2.91	1050
E811211		2.87	<0.001	0.01	0.07	<0.2	20	0.08	0.02	22.3	0.06	1.24	0.9	1	0.13	2.3
E811212		3.48	0.001	0.39	7.30	6.9	1450	1.78	0.24	1.81	0.67	66.1	4.6	10	1.70	16.6
E811213		4.07	0.003	1.62	6.94	37.9	1510	1.70	1.58	3.39	1.84	51.2	11.1	29	3.45	29.4
E811214		3.48	0.001	0.72	5.50	18.1	1150	1.24	0.58	2.72	1.23	40.3	9.7	44	2.96	18.4
E811215		2.25	0.040	12.15	4.59	358	990	1.18	0.36	0.67	4.33	38.9	9.7	50	8.06	32.3
E811216		4.92	0.159	>100	2.86	1105	480	0.89	0.27	0.67	7.84	22.8	7.4	54	5.36	84.1
E811217		1.23	0.304	53.3	3.39	2230	590	1.12	0.22	0.92	3.72	27.5	8.4	39	7.43	38.7
E811218		3.05	0.374	84.0	3.53	3270	490	1.03	0.11	1.53	4.41	31.6	5.8	21	6.34	66.3
E811219		2.91	0.064	10.60	2.51	676	320	0.76	0.07	1.70	0.86	31.0	3.4	25	4.26	13.4
E811220		2.87	0.238	>100	3.48	2470	600	1.11	0.42	1.98	9.66	33.7	7.1	51	8.63	63.1
E811221		3.71	0.020	8.67	3.93	324	630	0.76	1.69	2.78	9.67	37.1	8.7	52	3.31	14.1
E811222		3.99	0.012	5.17	3.27	161.5	570	0.66	2.49	2.83	6.16	31.6	9.8	64	3.33	6.0
E811223		3.28	0.007	2.39	3.43	112.5	530	0.69	0.97	2.83	2.58	31.2	7.9	52	2.94	6.6
E811224		3.80	0.169	>100	5.09	1255	630	1.33	0.34	3.48	6.76	47.0	16.2	91	7.47	210
E811225		3.36	0.113	72.2	3.40	998	600	0.82	0.51	2.42	7.68	28.9	10.5	74	4.79	37.7
E811226		3.98	0.033	20.2	4.84	286	930	0.96	1.16	2.89	5.04	37.7	11.6	75	5.07	12.5
E811227		3.36	0.111	55.4	3.42	960	610	0.95	0.48	1.79	6.57	32.0	8.8	54	6.85	27.8
E811228		3.42	0.285	66.1	2.31	1785	390	0.60	0.37	2.20	11.55	22.1	6.4	40	4.45	27.4
E811229		3.80	0.474	>100	2.88	2500	530	0.82	0.38	1.75	27.3	27.7	6.0	45	12.35	179.5
E811230		0.30	0.096	59.3	4.62	2360	580	0.76	4.22	6.65	130.5	28.4	13.4	40	3.05	1020



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To: TRANSITION METALS CORP.
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E811191		0.51	0.16	0.09	<0.1	<0.005	0.02	0.5	1.0	12.75	218	0.12	0.01	0.1	1.4	180
E811192		2.70	10.15	0.13	0.3	0.027	1.92	21.1	23.6	2.26	866	3.90	0.42	6.4	31.4	520
E811193		2.70	11.95	0.15	0.5	0.038	2.25	23.6	26.2	2.51	709	2.34	0.56	7.7	38.0	620
E811194		2.94	11.15	0.13	0.3	0.030	1.81	21.9	24.2	2.12	894	4.22	0.55	7.1	33.4	440
E811195		2.82	12.40	0.14	0.6	0.044	2.00	24.2	31.5	2.54	860	1.98	0.58	8.1	30.4	620
E811196		2.76	13.00	0.14	0.8	0.046	1.62	25.6	23.6	3.22	887	2.20	0.76	8.6	24.8	490
E811197		2.31	10.85	0.14	0.8	0.038	1.73	25.2	21.3	2.85	651	1.60	0.82	8.7	23.5	640
E811198		2.91	12.45	0.15	0.7	0.038	2.04	24.6	19.4	2.06	515	2.25	1.21	9.2	25.3	350
E811199		2.68	13.10	0.15	0.5	0.040	1.80	25.9	25.9	2.15	476	1.67	0.90	9.6	24.5	290
E811200		3.45	12.85	0.14	0.3	0.038	1.70	28.3	23.0	2.08	362	3.04	1.03	8.1	25.6	160
E811201		3.19	13.65	0.13	0.4	0.035	1.73	19.2	18.7	1.92	582	1.85	1.77	7.5	18.1	520
E811202		4.59	17.30	0.14	2.1	0.056	1.96	24.0	30.4	2.28	817	3.08	2.25	11.0	24.6	1410
E811203		4.85	14.45	0.12	1.3	0.055	1.35	17.4	30.4	3.10	975	1.86	1.47	7.1	30.1	860
E811204		4.76	17.60	0.16	2.8	0.065	1.91	31.6	36.5	2.47	971	3.95	2.24	10.4	41.8	1550
E811205		2.90	14.15	0.17	1.5	0.038	2.22	29.7	28.2	1.88	716	5.98	1.26	9.1	37.7	900
E811206		2.64	18.25	0.17	2.8	0.024	2.83	37.9	8.8	0.64	646	5.56	3.64	13.4	6.7	920
E811207		2.35	17.70	0.17	2.8	0.023	2.79	37.0	8.4	0.60	650	5.73	3.64	13.1	2.5	890
E811208		2.57	18.30	0.16	2.8	0.021	2.87	35.8	9.3	0.57	621	6.37	3.69	13.1	4.4	890
E811209		2.30	16.60	0.17	2.6	0.021	2.76	35.8	9.2	0.60	619	2.85	3.52	12.0	2.4	850
E811210		3.76	10.60	0.13	1.4	0.082	1.39	14.3	17.3	0.69	2770	5.10	1.26	4.4	25.6	660
E811211		0.50	0.25	0.13	<0.1	<0.005	0.03	0.6	1.1	13.35	209	0.20	0.01	0.1	1.7	180
E811212		2.19	16.15	0.19	2.6	0.028	2.42	37.3	8.2	0.60	584	2.69	3.26	11.4	6.5	820
E811213		4.00	18.30	0.17	1.8	0.062	2.39	26.4	21.2	1.66	1070	3.74	1.92	9.9	15.8	960
E811214		3.19	13.90	0.15	1.1	0.037	1.54	21.0	23.8	1.83	752	3.49	1.16	7.7	25.6	870
E811215		2.94	10.50	0.14	1.5	0.032	2.39	22.3	29.8	1.29	1490	5.29	0.31	7.1	39.8	980
E811216		2.02	6.76	0.10	1.0	0.024	1.53	12.4	26.0	0.80	888	4.42	0.07	4.1	26.1	530
E811217		2.45	8.28	0.12	1.2	0.024	1.92	14.7	24.7	0.70	810	2.49	0.12	4.4	21.6	530
E811218		2.13	9.03	0.14	1.1	0.019	1.89	16.7	27.0	0.82	987	1.37	0.06	4.7	12.7	460
E811219		1.54	6.45	0.11	1.0	0.016	1.14	15.6	20.7	0.72	834	2.25	0.02	3.6	13.0	330
E811220		2.01	8.64	0.12	1.2	0.035	1.82	17.7	26.8	0.97	1040	3.35	0.03	5.2	26.3	560
E811221		2.55	9.70	0.14	1.2	0.071	1.58	20.9	21.8	1.20	957	11.25	0.45	7.0	40.4	1380
E811222		2.27	8.75	0.12	1.0	0.058	1.33	17.9	23.3	1.22	872	14.75	0.12	5.6	46.0	1220
E811223		2.47	8.43	0.12	1.1	0.032	1.29	16.6	21.5	1.17	837	10.55	0.35	5.5	36.8	940
E811224		3.54	13.25	0.14	1.1	0.047	2.60	23.8	27.6	1.60	1375	2.96	0.27	12.4	51.5	1150
E811225		2.67	8.91	0.12	1.1	0.036	1.52	15.7	22.8	1.10	985	11.70	0.13	5.9	48.1	890
E811226		2.99	11.55	0.14	1.7	0.060	2.03	20.4	24.8	1.53	1065	10.00	0.48	7.5	45.9	1170
E811227		2.46	8.82	0.13	1.2	0.024	1.56	17.4	23.3	0.91	858	11.85	0.10	5.5	37.6	780
E811228		1.95	6.08	0.10	1.0	0.039	1.07	12.2	21.8	0.67	960	9.41	0.03	3.6	29.8	610
E811229		2.34	7.11	0.10	1.1	0.072	1.25	14.6	21.1	0.78	878	6.41	0.17	4.1	27.8	580
E811230		3.64	10.70	0.10	1.4	0.080	1.33	14.6	16.5	0.66	2660	5.60	1.20	4.3	26.8	640



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.1
E811191		5.1	0.8	<0.002	0.01	<0.05	0.2	1	<0.2	48.5	<0.05	<0.05	0.07	<0.005	0.5
E811192		15.6	56.5	0.004	0.03	0.61	6.7	1	0.7	191.5	0.38	<0.05	6.40	0.203	1.1
E811193		22.2	67.0	0.002	0.02	0.58	10.1	1	1.1	215	0.45	<0.05	7.31	0.259	1.1
E811194		66.5	64.4	0.004	0.17	1.34	8.6	2	1.0	231	0.41	<0.05	6.99	0.217	1.5
E811195		32.8	61.8	0.002	0.05	1.32	9.1	1	1.2	313	0.52	0.05	7.63	0.252	2.5
E811196		18.2	48.4	<0.002	0.01	1.14	7.3	1	1.1	356	0.60	0.07	7.52	0.248	3.0
E811197		13.3	48.1	0.002	0.03	0.86	7.6	1	0.9	337	0.57	0.06	7.42	0.254	2.6
E811198		10.3	58.7	<0.002	0.05	0.50	9.4	1	1.2	192.5	0.58	<0.05	7.72	0.270	1.4
E811199		8.3	68.0	<0.002	0.03	0.52	10.6	1	0.8	185.5	0.54	<0.05	8.61	0.271	1.2
E811200		31.9	49.7	<0.002	0.05	0.44	11.5	1	0.6	136.0	0.42	<0.05	9.60	0.290	0.9
E811201		20.9	43.7	<0.002	0.10	0.35	11.5	1	0.9	250	0.46	<0.05	6.76	0.283	0.8
E811202		10.6	43.1	0.002	0.42	1.32	14.9	2	1.1	603	0.56	<0.05	5.90	0.496	1.8
E811203		10.2	45.3	0.002	0.28	1.57	21.2	2	1.2	415	0.45	<0.05	4.53	0.451	2.1
E811204		10.6	49.8	0.002	0.43	1.50	16.3	3	1.6	679	0.63	0.05	7.70	0.511	2.6
E811205		13.9	71.1	0.005	0.34	2.69	10.0	4	1.0	339	0.59	<0.05	8.89	0.313	3.3
E811206		22.2	82.0	<0.002	0.51	2.25	4.8	1	1.2	380	0.90	0.05	14.05	0.279	3.7
E811207		18.8	79.4	0.002	0.47	2.57	4.5	1	1.1	386	0.86	<0.05	14.30	0.264	4.8
E811208		25.2	78.9	0.002	0.38	1.82	4.6	2	1.2	403	0.92	0.07	14.25	0.274	4.6
E811209		24.8	74.9	0.002	0.36	1.46	4.3	1	1.1	381	0.83	0.06	13.25	0.263	4.7
E811210		>10000	61.1	0.003	2.66	54.8	7.7	4	2.8	435	0.32	0.19	4.17	0.204	2.0
E811211		1.4	1.2	<0.002	<0.01	0.07	0.2	1	<0.2	42.3	<0.05	<0.05	0.15	<0.005	0.9
E811212		25.2	73.1	<0.002	0.30	1.11	4.6	1	1.1	352	0.77	<0.05	13.05	0.233	2.6
E811213		172.5	62.7	<0.002	0.16	1.30	9.9	3	1.1	369	0.66	0.14	8.51	0.331	2.2
E811214		105.5	57.4	0.003	0.06	0.98	9.5	2	0.8	273	0.50	0.06	5.78	0.274	1.7
E811215		77.5	96.5	0.002	0.14	24.2	8.0	1	1.6	151.5	0.44	<0.05	5.60	0.237	2.6
E811216		377	66.1	0.002	0.37	62.9	5.3	2	1.8	109.0	0.24	0.05	3.31	0.167	2.4
E811217		201	88.2	<0.002	0.98	40.3	5.6	2	1.9	112.5	0.28	<0.05	3.69	0.182	1.4
E811218		168.0	86.3	<0.002	1.01	62.0	5.0	2	2.6	145.5	0.30	<0.05	4.20	0.172	1.3
E811219		19.4	51.1	<0.002	0.29	13.05	3.3	1	1.2	152.0	0.26	<0.05	4.13	0.120	1.0
E811220		258	82.2	0.005	0.71	50.0	6.1	2	1.7	185.5	0.34	<0.05	4.63	0.193	2.0
E811221		265	63.8	0.018	0.84	16.10	6.9	4	0.8	237	0.43	0.06	5.36	0.225	3.2
E811222		222	53.7	0.028	0.83	10.95	7.0	5	0.5	212	0.35	0.08	4.46	0.205	3.6
E811223		74.5	49.2	0.013	0.74	14.85	6.6	2	0.5	238	0.35	<0.05	4.44	0.200	2.8
E811224		331	102.0	0.005	2.08	161.5	10.7	3	2.3	354	0.76	0.05	5.38	0.407	2.0
E811225		153.5	64.8	0.016	1.14	35.7	7.4	2	1.2	213	0.36	0.05	3.85	0.242	2.6
E811226		136.5	80.7	0.007	1.03	19.75	9.6	4	0.9	220	0.45	0.07	5.19	0.315	2.8
E811227		378	69.5	0.011	0.78	45.6	7.1	3	1.2	140.0	0.34	<0.05	4.32	0.204	2.7
E811228		690	47.9	0.009	1.08	58.1	4.6	3	1.7	111.5	0.22	<0.05	2.86	0.130	1.7
E811229		872	54.6	0.006	0.85	250	5.1	3	2.6	138.0	0.27	0.05	3.90	0.151	2.5
E811230		>10000	63.6	0.002	2.55	54.9	7.7	3	2.8	415	0.32	0.17	3.98	0.194	1.9



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 9C - 1351 KELLY LAKE ROAD
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Project: PIKE WARDEN

CERTIFICATE OF ANALYSIS WH22301869

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
		V	W	Y	Zn	Zr	Ag	Pb	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	%	%
		1	0.1	0.1	2	0.5	1	0.001	0.001
E811191		2	0.1	0.8	40	<0.5			
E811192		124	2.0	12.8	79	10.8			
E811193		141	1.6	14.6	90	17.7			
E811194		116	2.6	14.0	82	11.8			
E811195		120	1.9	17.1	106	20.3			
E811196		98	26.5	20.0	112	26.4			
E811197		99	5.8	19.9	90	23.3			
E811198		79	1.5	17.4	77	27.6			
E811199		76	1.4	16.8	78	17.6			
E811200		70	1.8	12.0	114	9.6			
E811201		98	2.1	13.3	115	12.2			
E811202		137	2.1	17.6	76	96.8			
E811203		179	1.6	16.6	120	41.0			
E811204		142	2.1	19.9	70	107.5			
E811205		139	2.8	20.1	154	58.0			
E811206		40	3.1	16.9	70	98.5			
E811207		36	3.5	16.8	52	94.6			
E811208		37	3.2	16.6	53	95.1			
E811209		35	2.9	15.3	61	90.2			
E811210		64	9.5	12.0	>10000	47.0		1.975	1.950
E811211		2	0.1	0.8	18	0.5			
E811212		38	2.5	15.9	66	88.6			
E811213		106	3.1	13.7	163	61.0			
E811214		109	2.7	13.2	117	40.5			
E811215		108	4.6	17.0	240	50.6			
E811216		75	7.9	9.4	311	37.5	145		
E811217		63	5.2	9.6	164	45.9			
E811218		54	5.2	9.6	225	41.5			
E811219		38	4.1	8.5	55	46.4			
E811220		84	4.5	11.7	382	37.8	107		
E811221		134	4.5	14.1	444	43.9			
E811222		166	4.8	14.0	302	37.7			
E811223		128	4.7	12.8	145	43.6			
E811224		142	6.4	16.2	269	46.1	288		
E811225		132	6.5	11.4	343	34.8			
E811226		153	4.8	16.3	270	66.8			
E811227		130	5.0	13.4	296	41.3			
E811228		96	7.2	9.4	454	32.0			
E811229		87	6.2	10.4	1125	43.1	362		
E811230		61	9.5	11.9	>10000	40.5		1.970	1.960



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E811231		3.48	0.001	0.44	0.05	5.6	20	0.05	0.03	20.3	0.15	1.19	0.8	1	0.31	2.2
E811232		3.14	0.008	3.95	5.66	134.0	1260	1.15	0.34	4.27	3.06	47.4	15.6	85	9.52	5.6
E811233		3.72	0.003	1.37	6.63	65.7	1510	1.17	0.45	4.41	3.77	44.9	20.2	136	2.29	3.0
E811234		4.34	<0.001	1.31	7.22	65.6	1670	1.25	0.41	4.23	3.65	49.2	23.0	142	2.60	2.5
E811235		3.80	0.001	0.89	7.57	26.8	1250	1.30	0.22	4.33	1.60	57.1	19.0	82	1.51	11.0
E811236		2.79	0.013	5.14	5.65	203	560	0.87	0.13	2.62	2.88	51.8	16.0	87	1.92	201
E811237		2.99	0.005	5.07	7.52	79.7	970	1.16	0.07	3.43	3.42	69.3	21.9	93	2.08	260
E811238		3.46	0.001	2.73	6.92	44.9	1400	1.28	0.08	3.90	2.68	59.2	13.2	31	1.70	116.0
E811239		3.38	0.003	2.33	7.76	80.0	1480	1.54	0.08	3.94	1.87	72.9	18.6	51	2.34	112.0
E811240		3.81	0.007	3.43	7.00	166.0	1530	1.50	0.17	4.64	1.30	72.2	17.3	52	4.79	114.0
E811241		3.13	0.003	2.69	7.22	37.3	1260	1.78	0.15	3.55	0.68	51.5	16.4	35	2.81	63.9
E811242		3.65	0.003	0.42	7.66	28.3	910	1.74	0.07	3.68	0.18	43.8	17.8	17	2.34	7.7
E811243		3.49	0.001	0.42	7.31	24.1	1040	1.72	0.07	3.93	0.21	41.4	16.0	19	2.49	5.9
E811244		3.54	0.044	1.14	5.49	752	660	1.41	0.06	5.79	0.50	40.0	10.8	30	4.81	15.0
E811245		3.74	0.005	0.97	7.69	40.5	1060	1.42	0.11	5.04	0.11	44.4	26.8	86	2.38	26.6
E811246		3.73	0.016	1.08	7.27	168.5	1190	1.48	0.12	4.96	0.13	38.5	25.2	65	3.17	16.0
E811247		3.56	0.012	1.23	7.52	159.5	820	1.31	0.08	4.44	0.11	38.9	22.0	48	3.59	27.6
E811248		3.41	0.009	0.96	7.51	110.5	780	1.32	0.08	4.41	0.09	43.2	21.8	41	3.48	31.5
E811249		4.01	0.002	0.84	8.21	21.8	650	1.38	0.13	3.82	0.12	46.0	22.7	46	2.76	21.1
E811250		0.30	0.089	61.6	4.88	2590	610	0.82	4.35	7.14	132.0	27.2	13.8	42	2.91	1050
E811251		3.15	0.001	0.07	0.06	1.9	20	0.08	0.02	21.5	0.19	1.26	1.1	1	0.26	3.1
E811252		3.27	0.013	0.92	7.56	217	780	1.42	0.13	5.04	0.34	43.0	23.3	73	5.32	5.9
E811253		3.67	0.027	4.74	4.54	244	640	0.94	0.21	1.04	2.72	39.7	7.9	38	1.24	80.2
E811254		5.98	0.005	3.35	7.90	140.5	1010	1.44	0.12	1.49	1.26	60.0	11.8	15	1.29	133.0
E811255		1.47	0.008	1.29	5.73	113.0	1070	1.18	0.25	2.40	2.79	49.6	8.7	32	3.98	57.9
E811256		3.61	0.076	68.6	6.02	601	1440	1.20	0.37	3.82	13.70	49.5	12.4	29	9.81	50.2
E811257		2.88	0.128	18.25	5.41	1530	580	1.01	0.15	1.88	3.02	47.7	4.8	15	2.74	124.0
E811258		3.58	0.115	39.1	4.94	1760	710	1.13	0.15	3.18	5.05	50.0	9.9	51	5.30	162.0
E811259		3.31	0.050	13.20	6.15	831	840	1.40	0.71	4.17	4.09	56.6	13.2	70	5.62	113.5
E811260		2.12	0.060	12.75	4.76	663	870	1.14	0.71	4.55	3.56	46.4	10.2	49	3.81	32.5
E811261		2.45	0.016	3.78	4.94	247	1410	1.18	0.21	3.23	2.03	47.9	9.8	61	3.63	33.6
E811262		2.66	0.007	2.90	5.38	154.5	1350	1.25	0.48	5.91	2.37	50.7	14.4	51	4.53	38.3
E811263		2.28	0.239	>100	4.94	343	1120	1.32	0.25	3.94	19.10	48.4	10.0	53	4.66	182.0
E811264		2.45	0.042	12.00	4.09	247	1100	1.11	0.16	3.22	3.27	43.2	9.5	45	2.28	43.8
E811265		2.26	0.025	9.45	5.53	343	1110	1.17	0.20	4.31	1.70	44.6	17.5	94	1.55	49.2
E811266		2.96	0.004	2.00	7.68	39.5	1470	1.39	0.16	4.88	0.46	49.9	22.5	93	2.28	128.0
E811267		3.71	0.001	0.66	7.86	27.1	1510	1.47	0.08	4.60	0.30	54.6	24.2	95	3.00	41.0
E811268		2.57	0.002	1.20	6.43	21.7	1100	1.19	0.09	3.72	0.37	47.8	21.4	98	2.11	102.0
E811269		3.83	<0.001	0.47	5.79	12.1	1000	1.17	0.06	3.43	0.22	42.2	15.6	61	1.52	33.4
E811270		0.26	0.086	62.1	4.78	2580	610	0.81	4.17	7.03	127.5	26.7	13.2	42	2.85	1030



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Sample Description	Method Analyte Units LOD	ME-MS61 Fe %	ME-MS61 Ga ppm	ME-MS61 Ge ppm	ME-MS61 Hf ppm	ME-MS61 In ppm	ME-MS61 K %	ME-MS61 La ppm	ME-MS61 Li ppm	ME-MS61 Mg %	ME-MS61 Mn ppm	ME-MS61 Mo ppm	ME-MS61 Na %	ME-MS61 Nb ppm	ME-MS61 Ni ppm	ME-MS61 P ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E811231		0.49	0.21	0.15	<0.1	0.005	0.02	0.6	1.1	12.35	218	0.12	0.01	0.2	26.8	160
E811232		3.90	13.95	0.14	1.7	0.051	1.65	26.2	31.0	2.10	1465	15.30	1.19	7.4	55.3	1440
E811233		5.13	16.00	0.14	1.9	0.070	1.83	24.5	37.0	2.77	1515	8.84	1.39	7.9	83.9	1710
E811234		5.53	18.00	0.17	1.9	0.067	1.96	26.6	40.1	3.03	1545	9.49	1.56	8.0	88.7	1690
E811235		4.63	17.40	0.16	2.0	0.050	1.51	29.5	30.2	2.39	1325	5.27	2.98	9.6	52.5	1630
E811236		4.22	14.85	0.13	0.7	0.077	0.98	25.3	25.8	1.84	1190	3.90	1.96	13.9	50.2	1120
E811237		5.45	18.85	0.15	1.9	0.102	1.27	37.1	33.4	2.31	1270	1.73	2.82	17.2	53.7	1820
E811238		3.43	17.25	0.19	2.8	0.072	2.03	30.9	27.2	1.71	1085	0.97	2.84	13.6	20.0	1860
E811239		4.46	20.0	0.10	3.2	0.073	2.22	38.2	33.9	2.09	1240	2.04	2.74	16.3	31.9	2090
E811240		4.06	17.70	0.11	2.3	0.062	2.39	39.2	36.1	2.26	1375	6.61	1.54	13.2	36.5	1580
E811241		4.36	18.40	0.11	1.9	0.063	2.44	26.3	35.0	1.95	1015	4.19	1.90	11.8	25.8	1080
E811242		3.86	18.80	0.12	2.2	0.039	1.94	21.4	26.5	1.61	854	2.09	3.19	10.0	17.4	1150
E811243		3.97	17.80	0.12	1.8	0.036	1.91	20.4	27.8	1.80	965	2.53	2.94	9.3	17.6	1060
E811244		3.36	13.10	0.10	1.4	0.034	1.99	20.9	31.3	2.16	2370	2.75	1.08	7.4	23.2	750
E811245		5.41	18.25	0.12	1.6	0.054	1.55	23.3	36.4	3.23	1180	1.60	2.25	7.2	70.2	1300
E811246		5.14	18.30	0.10	1.8	0.053	2.13	19.5	39.7	2.67	1330	1.40	2.03	7.5	51.6	1440
E811247		4.83	18.65	0.12	2.1	0.049	2.02	19.5	29.4	2.28	1085	1.90	2.25	7.9	41.4	1210
E811248		4.59	18.50	0.13	2.3	0.051	1.91	21.9	28.2	2.12	983	1.74	2.43	8.0	36.0	1180
E811249		4.87	19.70	0.16	2.3	0.050	1.72	23.4	30.5	2.28	949	2.01	2.92	9.1	39.0	1270
E811250		3.84	11.30	0.07	1.5	0.078	1.40	14.2	17.5	0.71	2830	5.35	1.27	4.5	27.2	640
E811251		0.50	0.31	0.13	<0.1	0.005	0.02	0.6	1.0	12.85	215	0.13	0.01	0.2	1.2	160
E811252		5.18	17.75	0.09	1.8	0.047	1.83	22.4	32.7	2.90	1265	1.70	1.92	7.2	57.8	1280
E811253		2.36	11.65	0.11	1.6	0.051	1.14	21.7	16.9	0.87	908	3.75	1.77	7.9	25.7	710
E811254		3.20	17.45	0.17	2.2	0.054	1.23	32.0	20.6	1.29	958	2.26	4.62	9.4	16.4	1070
E811255		2.51	13.85	0.14	1.7	0.055	1.50	26.4	20.4	1.41	903	3.77	2.24	8.7	22.2	830
E811256		3.67	15.05	0.15	1.5	0.056	3.14	25.7	25.9	1.79	1665	10.70	1.04	7.2	24.6	840
E811257		1.78	11.10	0.16	1.7	0.044	1.05	26.0	14.5	0.77	769	5.88	3.01	9.0	14.6	690
E811258		3.40	13.45	0.15	1.6	0.055	1.75	26.4	29.5	1.82	1395	6.39	0.80	9.0	40.1	770
E811259		3.69	16.05	0.15	1.8	0.078	2.26	29.4	33.0	2.15	1595	7.31	1.00	11.2	39.5	1110
E811260		3.52	13.10	0.11	1.2	0.043	1.90	24.1	32.9	2.11	1635	6.95	0.34	8.5	36.5	770
E811261		3.08	13.55	0.13	0.8	0.036	2.25	24.7	29.5	1.88	1285	7.27	0.42	8.7	37.1	740
E811262		4.27	14.90	0.11	1.4	0.053	1.89	26.0	39.1	2.70	1935	5.45	0.76	8.2	48.1	880
E811263		3.14	13.35	0.12	1.1	0.064	2.22	24.7	32.9	1.95	1590	11.30	0.39	8.4	31.8	760
E811264		2.98	10.50	0.10	1.3	0.031	2.06	22.2	25.9	1.41	1295	5.78	0.41	8.2	33.1	860
E811265		4.09	15.25	0.12	1.1	0.059	1.52	24.3	28.2	2.07	1295	11.45	1.30	11.4	61.5	1540
E811266		5.17	17.60	0.14	1.7	0.087	1.86	25.8	32.8	2.67	1295	4.23	2.34	10.2	58.0	1640
E811267		5.27	17.90	0.16	1.9	0.061	1.74	27.6	34.9	2.68	1270	2.73	2.36	11.0	58.7	1690
E811268		5.05	15.80	0.14	1.4	0.056	1.27	25.4	34.2	2.56	1285	2.23	1.66	9.0	92.8	1440
E811269		3.94	13.35	0.12	1.5	0.041	1.10	20.7	24.6	1.81	1210	2.14	1.90	8.6	41.4	1230
E811270		3.82	11.05	0.07	1.4	0.083	1.39	13.6	17.3	0.70	2820	5.15	1.26	4.4	26.3	640



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		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.1
E811231		8.2	1.7	<0.002	<0.01	0.41	0.2	1	<0.2	46.3	<0.05	<0.05	0.06	<0.005	0.5
E811232		232	62.3	0.014	0.20	8.16	12.6	5	1.1	381	0.43	0.09	5.40	0.328	3.0
E811233		451	52.5	0.010	0.08	4.17	15.6	7	1.3	394	0.48	0.21	5.66	0.417	2.8
E811234		424	57.2	0.011	0.08	3.87	17.8	7	1.4	412	0.46	0.21	6.05	0.419	2.7
E811235		171.5	43.1	0.002	0.22	2.16	16.8	4	1.2	535	0.58	0.10	6.37	0.469	2.0
E811236		70.6	35.9	0.007	0.58	2.67	14.4	3	1.5	264	0.93	<0.05	5.40	0.603	1.2
E811237		38.2	41.9	0.002	0.57	3.22	16.8	2	1.3	411	1.06	<0.05	6.61	0.713	1.8
E811238		78.1	52.4	<0.002	0.08	2.51	10.6	3	1.5	448	0.77	<0.05	6.64	0.406	1.7
E811239		39.0	66.5	0.002	0.14	2.65	13.2	2	1.7	485	0.92	<0.05	8.01	0.516	2.3
E811240		80.2	88.3	0.007	0.30	4.87	12.9	2	1.9	422	0.75	0.05	8.93	0.410	3.2
E811241		29.9	80.7	0.007	0.35	5.35	13.6	2	1.5	419	0.71	0.05	8.18	0.442	2.8
E811242		6.7	65.6	0.002	0.74	3.53	13.2	2	1.4	525	0.57	0.06	4.86	0.456	1.8
E811243		6.0	57.1	0.002	0.73	3.78	12.4	2	1.4	506	0.56	0.06	5.60	0.419	2.4
E811244		15.0	82.4	0.003	1.12	4.41	10.2	2	2.0	356	0.47	<0.05	6.32	0.298	2.3
E811245		9.4	58.3	<0.002	0.70	2.16	20.7	2	1.1	503	0.41	0.05	5.36	0.496	1.9
E811246		9.2	55.1	<0.002	0.84	3.61	18.0	2	1.1	538	0.41	0.05	4.57	0.509	2.2
E811247		7.3	69.8	<0.002	0.95	1.97	16.2	1	1.2	439	0.46	<0.05	4.75	0.455	2.1
E811248		6.0	71.4	<0.002	0.88	1.78	16.2	2	1.2	450	0.47	<0.05	5.03	0.439	2.1
E811249		5.6	71.9	<0.002	0.81	1.90	16.8	2	1.4	454	0.51	0.05	5.51	0.468	2.0
E811250		>10000	64.3	0.003	2.66	56.5	8.2	3	2.9	431	0.31	0.18	4.22	0.213	1.9
E811251		17.4	1.6	<0.002	0.01	0.07	0.3	1	<0.2	48.2	<0.05	<0.05	0.09	<0.005	0.5
E811252		18.2	74.5	<0.002	1.03	2.96	17.2	2	1.2	453	0.39	<0.05	5.13	0.452	1.8
E811253		42.7	35.4	<0.002	0.08	9.57	6.8	1	0.9	213	0.46	0.06	6.47	0.231	2.3
E811254		21.0	34.4	<0.002	0.23	7.65	9.9	2	0.9	447	0.58	0.06	9.43	0.315	2.5
E811255		32.2	48.2	<0.002	0.15	12.75	7.3	2	0.8	336	0.54	<0.05	9.12	0.233	2.2
E811256		315	118.5	0.004	1.05	25.7	9.4	3	1.3	372	0.45	0.08	6.46	0.263	2.0
E811257		208	36.7	0.004	0.54	17.70	5.1	2	0.9	297	0.54	0.05	8.93	0.193	2.2
E811258		144.0	68.8	0.006	0.63	38.6	9.2	2	1.1	307	0.56	<0.05	8.31	0.275	2.8
E811259		293	91.0	0.010	0.52	20.2	13.7	3	1.6	406	0.66	0.07	7.61	0.436	2.8
E811260		267	67.6	0.013	0.55	14.25	10.2	3	1.2	405	0.53	0.06	6.82	0.289	2.2
E811261		142.0	74.2	0.013	0.34	11.05	9.6	2	1.1	333	0.54	<0.05	7.68	0.287	2.4
E811262		168.0	60.2	0.005	0.28	5.05	10.4	2	1.1	453	0.52	0.06	6.93	0.315	2.3
E811263		775	85.2	0.009	0.53	19.85	9.1	4	1.5	333	0.51	0.07	7.07	0.274	2.3
E811264		93.2	70.8	0.003	0.54	6.63	7.4	2	1.0	284	0.48	0.06	5.66	0.270	2.4
E811265		70.7	51.2	0.007	0.16	5.48	14.0	1	1.9	412	0.61	<0.05	5.30	0.444	2.5
E811266		28.8	56.7	0.002	0.12	2.17	17.7	1	1.5	640	0.54	<0.05	5.69	0.573	1.9
E811267		15.3	57.2	<0.002	0.10	1.89	18.5	1	1.4	658	0.60	<0.05	6.00	0.585	1.9
E811268		11.3	47.3	<0.002	0.18	1.70	14.2	1	1.1	492	0.48	<0.05	5.21	0.453	1.6
E811269		10.3	42.3	<0.002	0.17	1.25	12.2	1	1.0	450	0.47	<0.05	4.57	0.406	1.4
E811270		>10000	62.7	0.002	2.64	55.4	7.9	3	2.8	425	0.30	0.16	4.01	0.209	1.9



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
		V	W	Y	Zn	Zr	Ag	Pb	Zn
		ppm	ppm	ppm	ppm	ppm	ppm	%	%
		1	0.1	0.1	2	0.5	1	0.001	0.001
E811231		2	0.1	0.8	36	<0.5			
E811232		165	3.6	17.7	246	65.6			
E811233		206	2.5	17.6	380	84.9			
E811234		212	2.3	19.2	378	71.0			
E811235		146	4.1	18.2	199	79.1			
E811236		128	14.0	15.0	277	25.9			
E811237		155	9.7	17.9	327	86.3			
E811238		110	3.3	15.4	256	120.0			
E811239		134	3.1	18.3	214	133.0			
E811240		147	5.2	19.8	153	92.6			
E811241		142	3.1	18.4	112	63.6			
E811242		121	2.6	15.6	69	84.6			
E811243		118	3.0	15.8	72	70.5			
E811244		94	5.3	20.4	82	50.8			
E811245		163	3.0	17.0	96	65.1			
E811246		166	3.0	16.8	87	76.3			
E811247		142	3.2	15.3	76	87.1			
E811248		136	3.2	15.9	71	87.3			
E811249		141	4.7	15.4	81	89.9			
E811250		64	9.5	12.0	>10000	56.1		1.975	1.980
E811251		2	0.1	0.9	42	<0.5			
E811252		150	5.0	14.6	109	75.0			
E811253		94	5.1	12.8	214	60.3			
E811254		85	3.9	15.6	136	79.9			
E811255		92	4.1	16.4	222	60.0			
E811256		90	4.2	18.4	652	48.1			
E811257		45	5.0	12.7	205	56.9			
E811258		120	4.3	19.4	381	61.4			
E811259		126	3.9	20.4	294	78.0			
E811260		104	3.5	19.8	252	72.4			
E811261		119	3.4	17.4	192	37.2			
E811262		111	2.6	19.6	258	42.7			
E811263		94	3.4	17.2	963	41.8	211		
E811264		100	5.2	14.8	243	75.4			
E811265		190	4.8	19.8	152	40.4			
E811266		161	2.4	18.3	129	64.4			
E811267		154	1.9	20.2	117	71.4			
E811268		130	2.7	16.6	110	52.1			
E811269		110	2.8	15.4	81	54.9			
E811270		63	9.0	14.6	>10000	52.3		1.965	1.970



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-ICP21 Au ppm	ME-MS61 Ag ppm	ME-MS61 Al %	ME-MS61 As ppm	ME-MS61 Ba ppm	ME-MS61 Be ppm	ME-MS61 Bi ppm	ME-MS61 Ca %	ME-MS61 Cd ppm	ME-MS61 Ce ppm	ME-MS61 Co ppm	ME-MS61 Cr ppm	ME-MS61 Cs ppm	ME-MS61 Cu ppm
		0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
E811271		3.37	0.001	0.12	0.07	4.7	20	0.07	0.03	21.7	0.33	1.25	1.1	1	0.33	4.0
E811272		2.64	<0.001	0.73	7.38	12.0	1430	1.51	0.11	4.25	0.41	50.9	16.2	10	3.31	96.7
E811273		3.65	0.002	1.71	4.15	38.3	590	0.77	0.18	2.42	0.96	39.4	19.8	30	1.30	188.5
E811274		3.48	0.001	1.36	4.27	53.2	1330	0.95	0.28	3.36	1.11	41.6	28.0	102	1.92	168.0
E811275		3.42	0.002	1.89	7.00	65.8	3100	1.43	0.23	5.16	0.84	51.0	37.7	298	2.74	202
E811276		3.43	0.001	1.48	6.73	70.0	2240	1.21	0.24	5.22	0.84	44.9	41.4	348	2.58	169.5
E811277		3.33	<0.001	0.73	2.30	11.9	1080	0.41	0.26	0.99	0.39	23.0	11.1	43	0.54	48.1
E811278		3.43	0.001	0.39	6.86	23.0	1180	1.28	0.12	3.63	0.42	53.0	16.2	35	1.32	29.6
E811279		3.51	0.001	0.41	7.69	10.9	1380	1.39	0.17	4.30	0.15	62.1	19.0	58	2.70	26.9
E811280		3.21	<0.001	0.33	4.19	8.4	830	0.82	0.08	2.42	0.11	35.1	10.6	19	1.42	26.6
E811281		3.65	0.004	1.38	5.68	30.3	1860	1.10	0.27	3.06	0.26	58.9	24.0	87	1.55	140.0
E811282		3.67	0.001	0.27	8.14	8.5	1170	1.35	0.12	4.95	0.10	58.4	24.6	88	1.35	24.0
E811283		3.41	0.001	0.45	8.12	8.1	1190	1.32	0.15	4.92	0.10	56.7	22.9	97	1.54	41.8
E811284		3.44	0.002	0.43	8.43	9.6	1280	1.34	0.10	4.64	0.11	50.6	21.1	56	2.29	40.4
E811285		3.29	0.002	0.44	8.11	5.3	950	1.43	0.06	4.25	0.09	44.3	18.3	17	2.52	28.6
E811286		3.39	0.002	0.78	8.37	12.6	1260	1.54	0.07	4.60	0.17	49.3	20.8	50	2.40	77.1
E811287		3.05	0.001	1.62	7.35	11.4	1500	1.51	0.07	4.16	0.15	53.8	14.8	41	2.08	163.0
E811288		2.42	0.001	0.54	5.50	10.2	1840	1.38	0.08	3.71	0.31	53.7	10.9	41	2.41	47.0
E811289		2.89	0.001	0.45	4.83	7.1	2040	1.11	0.08	2.34	0.23	49.3	7.4	41	1.85	31.8
E811290		3.53	0.001	0.88	6.14	11.3	1730	1.30	0.12	2.49	0.26	52.3	10.7	31	2.37	58.5
E811291		3.40	0.052	12.15	8.00	989	1360	1.78	0.08	4.28	3.41	55.8	14.9	9	6.74	68.6
E811292		3.58	0.003	0.92	8.01	149.5	1500	1.59	0.18	4.19	0.17	52.3	15.5	10	2.98	24.2
E811293		3.20	0.002	0.64	8.33	64.4	1280	1.74	0.06	4.34	0.17	57.1	15.4	11	3.05	30.4
E811294		3.05	<0.001	0.36	8.34	13.4	1370	1.72	0.07	4.23	0.14	54.3	14.9	11	2.62	29.0
E811295		3.27	0.002	1.33	8.16	10.5	1590	1.84	0.06	4.01	0.23	53.5	15.0	10	2.19	116.0
E811296		3.48	0.003	2.99	7.31	37.3	2240	1.75	0.21	3.43	0.75	64.5	18.4	38	3.00	223
E811297		2.22	0.007	3.77	6.43	57.2	3070	1.58	0.20	4.27	1.18	75.6	19.5	74	3.88	156.5



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Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
E811271		0.49	0.37	0.12	<0.1	0.005	0.03	0.6	1.1	13.00	210	0.07	0.01	0.2	1.5	180
E811272		4.88	18.25	0.12	1.6	0.059	1.41	24.0	30.5	1.78	1350	2.04	2.19	13.8	7.2	1380
E811273		4.39	13.15	0.08	0.8	0.055	0.56	19.0	21.2	1.34	5850	14.20	0.87	7.7	109.5	650
E811274		5.12	14.75	0.08	0.5	0.061	1.00	20.3	25.9	1.80	3520	8.08	0.52	10.0	134.0	740
E811275		7.96	23.3	0.17	0.7	0.081	2.36	26.8	42.8	3.07	2490	5.04	0.51	26.1	171.0	1830
E811276		8.47	22.8	0.14	0.6	0.072	1.77	23.0	52.5	4.04	2470	4.46	0.32	24.3	213	1560
E811277		2.79	8.11	0.07	0.1	0.024	0.79	11.7	14.4	0.77	760	5.16	0.25	4.6	37.7	390
E811278		4.24	15.35	0.13	1.8	0.039	2.03	27.5	20.5	1.88	1005	3.17	2.01	8.9	26.9	1320
E811279		4.68	17.20	0.14	2.3	0.049	1.97	33.3	20.6	2.22	1025	2.57	2.33	10.7	32.5	1480
E811280		2.81	10.15	0.09	1.4	0.029	1.21	18.2	10.9	1.02	607	3.09	1.26	5.7	18.9	790
E811281		5.05	15.80	0.15	1.0	0.045	2.09	30.2	25.8	2.00	1095	8.17	0.96	8.8	109.0	1250
E811282		5.33	18.35	0.14	2.4	0.055	1.74	30.2	24.7	2.72	983	2.06	2.85	11.3	58.7	1700
E811283		5.50	17.65	0.14	2.5	0.060	1.83	29.4	25.0	2.87	1050	1.91	2.64	10.7	64.3	1710
E811284		4.94	17.95	0.14	2.3	0.050	1.94	26.3	23.8	2.33	925	1.99	2.93	10.6	38.7	1510
E811285		4.23	19.45	0.14	2.1	0.041	2.05	22.8	17.1	1.76	874	2.45	2.99	10.1	19.5	1190
E811286		4.87	18.95	0.14	2.3	0.060	1.91	25.1	21.9	2.23	982	2.36	3.19	11.2	35.4	1500
E811287		4.21	16.75	0.14	1.7	0.052	2.15	27.5	22.8	2.11	930	3.81	2.24	10.2	28.2	1350
E811288		3.38	15.00	0.13	1.0	0.048	1.87	27.9	24.8	2.43	820	3.08	1.18	9.6	31.6	860
E811289		2.76	13.40	0.14	0.4	0.040	2.10	25.1	23.8	2.05	566	3.28	0.90	9.3	26.4	390
E811290		3.31	15.55	0.14	1.1	0.039	2.20	26.8	21.5	1.74	642	2.54	1.66	8.7	19.5	850
E811291		4.32	18.45	0.15	2.5	0.054	3.26	28.9	20.8	1.62	1865	5.24	1.79	10.7	16.5	1720
E811292		4.41	18.65	0.15	2.8	0.047	2.75	26.6	19.4	1.70	952	4.77	2.55	11.0	17.7	1720
E811293		4.51	17.80	0.15	2.7	0.047	2.42	30.1	20.8	1.70	851	4.77	2.71	10.5	18.1	1700
E811294		4.40	18.65	0.15	2.7	0.051	2.44	28.5	18.4	1.74	846	2.27	2.80	11.4	17.9	1740
E811295		4.36	18.30	0.14	2.5	0.059	2.53	28.5	18.0	1.72	836	4.37	2.82	10.8	17.0	1760
E811296		4.17	18.15	0.15	1.6	0.074	2.84	31.7	25.5	1.80	987	7.95	2.23	10.7	42.8	1620
E811297		4.35	19.40	0.19	0.7	0.040	3.62	38.1	31.3	2.51	1240	12.55	0.55	10.5	76.2	1650



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		Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	U
		ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
		0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.1
E811271		36.8	2.1	<0.002	0.01	0.12	0.2	1	<0.2	45.9	<0.05	<0.05	0.07	<0.005	0.5
E811272		14.5	52.6	<0.002	0.22	1.20	13.4	1	1.7	606	0.78	<0.05	4.85	0.525	1.5
E811273		18.3	24.7	0.002	0.40	1.20	8.6	2	0.9	258	0.41	0.06	3.40	0.262	0.9
E811274		26.1	36.5	0.002	0.46	1.24	11.8	2	1.6	256	0.61	0.05	3.90	0.411	1.4
E811275		19.1	71.8	0.006	0.65	2.55	27.3	2	2.7	322	1.59	0.07	4.65	1.105	3.0
E811276		21.2	51.2	0.005	0.52	1.93	26.3	2	2.5	304	1.43	0.07	3.61	1.100	2.0
E811277		21.4	24.8	<0.002	0.09	1.18	7.4	1	0.6	90.3	0.29	<0.05	3.26	0.145	0.7
E811278		11.3	66.4	<0.002	0.37	2.74	14.4	2	1.3	434	0.50	<0.05	6.64	0.441	1.8
E811279		13.9	64.3	<0.002	0.33	1.39	16.6	1	1.3	605	0.56	<0.05	6.99	0.496	2.0
E811280		10.2	39.0	0.002	0.24	0.72	8.4	1	0.7	313	0.31	<0.05	3.99	0.271	1.2
E811281		16.3	62.6	0.007	0.76	2.08	13.7	2	1.0	334	0.52	0.06	7.29	0.363	2.9
E811282		14.6	53.0	<0.002	0.86	2.09	19.7	2	1.1	696	0.60	<0.05	6.39	0.589	1.8
E811283		13.6	56.8	<0.002	0.87	1.91	19.6	2	1.1	667	0.54	0.05	6.22	0.597	1.8
E811284		12.8	58.2	<0.002	0.51	1.36	17.6	1	1.2	668	0.56	<0.05	5.69	0.555	1.7
E811285		6.2	72.3	<0.002	0.67	0.75	14.6	2	1.3	541	0.52	<0.05	5.02	0.454	1.5
E811286		11.2	60.4	<0.002	0.56	1.18	17.8	2	1.2	641	0.59	<0.05	5.66	0.547	1.8
E811287		10.5	66.7	0.002	0.26	0.91	13.0	2	1.2	496	0.56	<0.05	6.57	0.462	1.6
E811288		14.2	55.4	0.002	0.10	0.88	10.4	1	1.2	320	0.57	<0.05	7.51	0.308	1.7
E811289		25.0	58.8	<0.002	0.12	0.60	9.0	1	1.4	232	0.57	<0.05	7.92	0.255	0.9
E811290		24.0	65.8	<0.002	0.19	0.89	10.7	2	1.3	339	0.51	<0.05	7.64	0.335	1.3
E811291		64.0	112.0	0.002	1.29	11.80	12.8	2	1.5	409	0.55	<0.05	7.08	0.473	1.9
E811292		24.0	73.1	<0.002	0.42	3.25	13.4	1	1.8	535	0.59	<0.05	6.70	0.489	1.9
E811293		11.5	73.7	0.002	0.23	1.92	13.0	1	1.5	571	0.55	<0.05	7.07	0.486	1.9
E811294		15.7	71.0	<0.002	0.22	0.83	13.6	1	1.3	589	0.57	<0.05	7.15	0.498	1.9
E811295		12.2	71.6	<0.002	0.32	0.90	13.6	1	1.4	572	0.54	0.05	6.57	0.489	1.7
E811296		39.8	75.4	0.003	0.68	1.45	13.1	3	1.3	423	0.62	0.13	10.15	0.385	2.4
E811297		42.1	98.4	0.005	0.81	2.38	15.2	4	1.0	286	0.62	0.16	12.30	0.306	2.9



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To: TRANSITION METALS CORP.
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SUDBURY ON P3E 5P5

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Project: PIKE WARDEN

CERTIFICATE OF ANALYSIS WH22301869

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
		V	W	Y	Zn	Zr	Ag	Pb	Zn
		ppm 1	ppm 0.1	ppm 0.1	ppm 2	ppm 0.5	ppm 1	% 0.001	% 0.001
E811271		2	0.1	0.9	34	<0.5			
E811272		148	2.5	20.2	106	58.0			
E811273		106	3.5	17.0	113	37.1			
E811274		153	4.2	18.0	132	18.3			
E811275		241	7.0	29.6	179	22.5			
E811276		236	8.0	25.7	202	20.3			
E811277		62	3.4	7.7	51	5.2			
E811278		123	2.9	16.2	85	76.0			
E811279		134	1.3	20.6	88	114.0			
E811280		81	3.3	12.1	50	55.5			
E811281		245	4.0	23.1	97	41.1			
E811282		155	3.1	21.5	98	106.0			
E811283		155	2.0	20.8	97	106.0			
E811284		142	1.3	18.5	86	102.0			
E811285		122	1.7	15.8	71	96.5			
E811286		142	2.9	19.0	97	103.5			
E811287		130	3.0	17.1	94	75.1			
E811288		128	2.7	17.3	102	41.8			
E811289		77	2.9	14.0	74	14.5			
E811290		95	3.4	13.0	82	50.1			
E811291		122	4.4	17.1	266	114.5			
E811292		121	2.2	17.2	78	123.5			
E811293		123	1.8	17.2	74	120.5			
E811294		125	1.6	17.0	79	122.0			
E811295		123	2.5	16.8	79	120.5			
E811296		212	5.6	20.1	108	73.4			
E811297		321	4.3	24.2	127	30.2			



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CERTIFICATE OF ANALYSIS WH22301869

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Ag-OG62	Au-ICP21	ME-MS61	ME-OG62
	Pb-OG62	Zn-OG62		



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29-DEC-2022
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QC CERTIFICATE WH22301869

Project: PIKE WARDEN

This report is for 147 samples of Percussion submitted to our lab in Whitehorse, YT, Canada on 20-OCT-2022.

The following have access to data associated with this certificate:

GREG COLLINS
SARAH REESE

THOMAS HART
BEN WILLIAMS

GRANT MOURRE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
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
Aq-OG62	Ore Grade Ag - Four Acid	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	
Pb-OG62	Ore Grade Pb - Four Acid	
Zn-OG62	Ore Grade Zn - Four Acid	
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

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

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

Signature:

Saa Traxler, Director, North Vancouver Operations



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QC CERTIFICATE OF ANALYSIS WH22301869

Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
STANDARDS																
AMIS0160																
Target Range – Lower Bound																
Upper Bound																
CCU-1e																
CCU-1e																
Target Range – Lower Bound																
Upper Bound																
CD-1																
Target Range – Lower Bound																
Upper Bound																
CDN-GS-2Z		2.40														
Target Range – Lower Bound		2.23														
Upper Bound		2.52														
EMOG-17																
EMOG-17																
Target Range – Lower Bound																
Upper Bound																
EMOG-17		70.4	4.81	599	610	1.86	5.53	1.96	20.9	49.5	783	60	8.09	8610	5.07	
EMOG-17		65.0	4.53	559	230	1.81	6.15	1.92	20.3	47.2	747	56	7.71	8220	4.87	
EMOG-17		67.1	4.57	574	260	1.80	6.39	1.94	21.3	47.6	751	57	7.45	8300	4.77	
Target Range – Lower Bound		60.9	4.18	522	310	1.60	5.31	1.72	18.15	42.9	686	49	6.56	7750	4.42	
Upper Bound		74.5	5.13	638	440	2.06	6.51	2.12	22.2	52.5	838	62	8.12	8910	5.42	
EMOG-17																
EMOG-17																
Target Range – Lower Bound																
Upper Bound																
G919-10		7.50														
G919-10		7.45														
G919-10		7.84														
Target Range – Lower Bound		7.12														
Upper Bound		8.04														
GBM909-14																
GBM909-14																
GBM909-14																
GBM909-14																
Target Range – Lower Bound																
Upper Bound																



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QC CERTIFICATE OF ANALYSIS WH22301869

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
		0.5													0.5
STANDARDS															
AMIS0160															
Target Range – Lower Bound															
Upper Bound															
CCU-1e															
CCU-1e															
Target Range – Lower Bound															
Upper Bound															
CD-1															
Target Range – Lower Bound															
Upper Bound															
CDN-GS-2Z															
Target Range – Lower Bound															
Upper Bound															
EMOG-17															
EMOG-17															
Target Range – Lower Bound															
Upper Bound															
EMOG-17		11.65	0.16	1.7	1.010	1.74	24.6	29.2	1.00	763	1105	1.15	15.3	7910	840
EMOG-17		12.75	0.11	1.9	0.920	1.63	24.1	27.8	0.95	724	1035	1.09	15.0	7430	770
EMOG-17		11.80	0.13	2.0	0.918	1.65	24.9	27.4	0.93	714	1090	1.08	14.1	7570	800
Target Range – Lower Bound		10.75	0.06	1.6	0.823	1.49	20.7	23.9	0.86	670	997	0.99	12.7	6820	700
Upper Bound		13.25	0.30	2.2	1.015	1.85	26.4	29.7	1.08	830	1220	1.23	15.7	8330	880
EMOG-17															
EMOG-17															
Target Range – Lower Bound															
Upper Bound															
G919-10															
G919-10															
G919-10															
Target Range – Lower Bound															
Upper Bound															
GBM909-14															
GBM909-14															
GBM909-14															
GBM909-14															
Target Range – Lower Bound															
Upper Bound															



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QC CERTIFICATE OF ANALYSIS WH22301869

Sample Description	Method Analyte Units LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
STANDARDS																
AMIS0160																
Target Range – Lower Bound																
Upper Bound																
CCU-1e																
CCU-1e																
Target Range – Lower Bound																
Upper Bound																
CD-1																
Target Range – Lower Bound																
Upper Bound																
CDN-GS-2Z																
Target Range – Lower Bound																
Upper Bound																
EMOG-17																
EMOG-17																
Target Range – Lower Bound																
Upper Bound																
EMOG-17		120.0	0.335	3.34	821	8.9	7	2.6	213	0.88	1.41	11.85	0.334	1.94	3.2	76
EMOG-17		111.5	0.321	3.11	765	8.4	7	2.8	196.5	0.99	1.29	12.05	0.315	2.18	3.4	73
EMOG-17		106.0	0.326	3.14	762	7.7	7	2.6	202	1.02	1.23	12.55	0.308	2.20	3.5	74
Target Range – Lower Bound		98.9	0.286	2.91	643	7.2	4	2.2	184.5	0.78	1.10	10.35	0.294	1.89	2.8	67
Upper Bound		121.0	0.354	3.57	869	9.0	9	3.2	226	1.08	1.46	12.65	0.370	2.61	3.7	84
EMOG-17																
EMOG-17																
Target Range – Lower Bound																
Upper Bound																
G919-10																
G919-10																
G919-10																
Target Range – Lower Bound																
Upper Bound																
GBM909-14																
GBM909-14																
GBM909-14																
GBM909-14																
Target Range – Lower Bound																
Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
STANDARDS								
AMIS0160							0.003	0.014
Target Range - Lower Bound							<0.001	0.010
Upper Bound							0.004	0.014
CCU-1e							0.710	2.96
CCU-1e							0.704	2.94
Target Range - Lower Bound							0.677	2.91
Upper Bound							0.729	3.13
CD-1							0.013	0.012
Target Range - Lower Bound							0.008	
Upper Bound							0.012	
CDN-GS-2Z								
Target Range - Lower Bound								
Upper Bound								
EMOG-17						70		
EMOG-17						70		
Target Range - Lower Bound						64		
Upper Bound						71		
EMOG-17		3.7	17.6	7810	66.4			
EMOG-17		3.7	16.3	7210	64.1			
EMOG-17		4.4	15.7	7460	60.8			
Target Range - Lower Bound		3.3	14.3	6800	55.6			
Upper Bound		4.7	17.7	8320	76.4			
EMOG-17							0.752	0.771
EMOG-17							0.728	0.757
Target Range - Lower Bound							0.704	0.729
Upper Bound							0.757	0.784
G919-10								
G919-10								
G919-10								
Target Range - Lower Bound								
Upper Bound								
GBM909-14							0.675	6.24
GBM909-14							0.677	6.33
GBM909-14							0.683	6.37
GBM909-14							0.670	6.27
Target Range - Lower Bound							0.653	6.11
Upper Bound							0.703	6.55



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Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
STANDARDS																
GPP-14		0.915														
GPP-14		0.914														
Target Range – Lower Bound		0.853														
Upper Bound		0.965														
MP-1b																
Target Range – Lower Bound																
Upper Bound																
MP-1b																
MP-1b																
Target Range – Lower Bound																
Upper Bound																
MRGeo08			4.32	7.03	34.6	1080	3.24	0.67	2.56	2.38	62.7	20.4	94	12.65	603	3.89
MRGeo08			4.43	7.84	31.2	1170	3.44	0.63	2.86	2.36	77.7	21.3	99	13.70	621	4.23
MRGeo08			4.26	6.83	30.1	1050	3.15	0.67	2.57	2.32	63.4	19.5	91	12.55	607	3.77
MRGeo08			4.35	7.60	34.2	1170	3.34	0.71	2.77	2.32	71.1	20.4	94	12.25	632	4.10
Target Range – Lower Bound			3.93	6.64	29.5	920	2.98	0.58	2.35	2.00	66.2	17.7	81	11.20	587	3.55
Upper Bound			4.83	8.14	36.5	1270	3.76	0.73	2.90	2.48	81.0	21.9	102	13.80	675	4.37
OREAS 315																
Target Range – Lower Bound																
Upper Bound																
OREAS 315																
OREAS 315																
Target Range – Lower Bound																
Upper Bound																
OREAS 316																
OREAS 316																
Target Range – Lower Bound																
Upper Bound																
OREAS 317																
OREAS 317																
Target Range – Lower Bound																
Upper Bound																



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QC CERTIFICATE OF ANALYSIS WH22301869

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
		0.5													0.5
STANDARDS															
GPP-14															
GPP-14															
Target Range – Lower Bound															
Upper Bound															
MP-1b															
Target Range – Lower Bound															
Upper Bound															
MP-1b															
MP-1b															
Target Range – Lower Bound															
Upper Bound															
MRGeo08		19.20	0.19	3.4	0.184	3.12	29.3	32.8	1.34	556	15.95	1.98	21.6	698	1020
MRGeo08		20.5	0.19	3.3	0.185	3.38	38.6	35.6	1.43	591	16.30	2.13	22.6	717	1080
MRGeo08		18.20	0.18	3.2	0.177	3.03	30.1	33.1	1.25	525	15.75	1.90	21.5	680	1010
MRGeo08		19.75	0.18	3.2	0.173	3.28	34.7	35.0	1.37	574	15.70	2.05	20.5	724	1050
Target Range – Lower Bound		17.50	<0.05	2.8	0.155	2.79	31.1	29.5	1.17	497	13.65	1.76	19.0	622	930
Upper Bound		21.5	0.28	3.6	0.201	3.43	39.1	36.5	1.45	619	16.75	2.18	23.4	760	1160
OREAS 315															
Target Range – Lower Bound															
Upper Bound															
OREAS 315															
OREAS 315															
Target Range – Lower Bound															
Upper Bound															
OREAS 316															
OREAS 316															
Target Range – Lower Bound															
Upper Bound															
OREAS 317															
OREAS 317															
Target Range – Lower Bound															
Upper Bound															



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QC CERTIFICATE OF ANALYSIS WH22301869

Sample Description	Method Analyte Units LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
STANDARDS																
GPP-14																
GPP-14																
Target Range – Lower Bound																
Upper Bound																
MP-1b																
Target Range – Lower Bound																
Upper Bound																
MP-1b																
MP-1b																
Target Range – Lower Bound																
Upper Bound																
MRGeo08		178.0	0.009	0.30	4.71	11.7	2	4.1	293	1.64	<0.05	16.90	0.502	1.06	4.6	108
MRGeo08		210	0.008	0.32	4.73	13.7	2	4.3	321	1.55	<0.05	20.5	0.529	1.06	5.3	114
MRGeo08		178.0	0.008	0.28	4.55	11.2	2	4.0	290	1.58	<0.05	16.50	0.471	1.05	4.6	106
MRGeo08		208	0.007	0.31	4.60	12.6	1	4.2	311	1.62	0.05	20.4	0.510	1.12	5.7	111
Target Range – Lower Bound		173.5	0.004	0.27	3.89	11.1	<1	3.5	277	1.39	<0.05	17.90	0.443	0.86	4.9	97
Upper Bound		212	0.013	0.35	5.39	13.7	4	4.7	339	1.81	0.12	21.9	0.553	1.21	6.2	121
OREAS 315																
Target Range – Lower Bound																
Upper Bound																
OREAS 315																
OREAS 315																
Target Range – Lower Bound																
Upper Bound																
OREAS 316																
OREAS 316																
Target Range – Lower Bound																
Upper Bound																
OREAS 317																
OREAS 317																
Target Range – Lower Bound																
Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
STANDARDS								
GPP-14								
GPP-14								
Target Range - Lower Bound								
Upper Bound								
MP-1b						50		
Target Range - Lower Bound						47		
Upper Bound						53		
MP-1b							2.09	17.00
MP-1b							2.10	17.00
Target Range - Lower Bound							2.02	16.10
Upper Bound							2.17	17.25
MRGeo08		5.0	24.5	794	112.0			
MRGeo08		4.7	29.2	841	116.5			
MRGeo08		4.9	23.6	762	103.0			
MRGeo08		4.9	25.9	835	113.5			
Target Range - Lower Bound		4.1	23.8	722	92.2			
Upper Bound		5.8	29.3	886	126.0			
OREAS 315						74		
Target Range - Lower Bound						69		
Upper Bound						76		
OREAS 315							3.66	5.31
OREAS 315							3.88	5.46
Target Range - Lower Bound							3.66	5.26
Upper Bound							3.92	5.64
OREAS 316							4.96	11.20
OREAS 316							4.91	11.05
Target Range - Lower Bound							4.84	10.75
Upper Bound							5.20	11.55
OREAS 317						239		
OREAS 317						230		
Target Range - Lower Bound						223		
Upper Bound						241		



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QC CERTIFICATE OF ANALYSIS WH22301869

Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
STANDARDS																
OREAS 317																
Target Range – Lower Bound																
Upper Bound																
OREAS 681		0.050														
OREAS 681		0.051														
Target Range – Lower Bound		0.047														
Upper Bound		0.055														
OREAS 682		0.070														
OREAS 682		0.078														
Target Range – Lower Bound		0.070														
Upper Bound		0.081														
OREAS 906			0.89	7.33	24.1	2760	2.85	11.00	0.56	0.45	95.6	24.0	9	7.05	2970	5.46
OREAS 906			0.78	7.52	24.1	2970	3.01	11.50	0.63	0.48	97.5	25.7	8	7.49	3140	5.94
OREAS 906			0.76	7.17	24.3	2760	2.84	11.60	0.58	0.45	97.0	24.2	10	7.43	3070	5.39
OREAS 906			0.81	7.82	24.2	3010	3.03	12.20	0.62	0.44	99.4	25.4	9	7.39	3220	5.80
Target Range – Lower Bound			0.67	6.61	20.3	2300	2.60	9.98	0.50	0.36	83.7	21.7	7	6.07	2880	4.94
Upper Bound			0.84	8.11	25.3	3130	3.28	12.20	0.63	0.48	102.5	26.7	11	7.53	3320	6.06
OREAS 920			0.11	7.95	5.7	570	2.71	0.55	0.53	0.10	95.0	17.1	88	9.45	116.0	4.22
OREAS 920			0.10	7.68	5.8	560	2.74	0.73	0.51	0.06	95.9	16.6	86	9.49	114.0	4.17
OREAS 920			0.10	7.65	5.1	550	2.65	0.68	0.51	0.06	100.0	15.8	86	9.19	111.5	3.98
Target Range – Lower Bound			0.08	6.91	4.6	450	2.54	0.61	0.44	0.04	84.6	13.9	75	7.72	104.0	3.72
Upper Bound			0.13	8.47	6.1	640	3.22	0.77	0.56	0.12	103.5	17.3	93	9.54	120.0	4.56
OREAS 932																
Target Range – Lower Bound																
Upper Bound																
OREAS-76a																
Target Range – Lower Bound																
Upper Bound																
OxEl 82		0.627														
OxEl 82		0.680														
Target Range – Lower Bound		0.622														
Upper Bound		0.704														
PK03		4.90														
PK03		5.15														
Target Range – Lower Bound		4.73														
Upper Bound		5.34														
TAZ-20		0.305														



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Sample Description	Method Analyte Units LOD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
STANDARDS																
OREAS 317																
Target Range – Lower Bound																
Upper Bound																
OREAS 681																
OREAS 681																
Target Range – Lower Bound																
Upper Bound																
OREAS 682																
OREAS 682																
Target Range – Lower Bound																
Upper Bound																
OREAS 906		28.5	0.20	7.4	1.275	2.85	48.3	18.7	0.28	368	4.07	2.43	17.8	4.3	260	35.7
OREAS 906		29.4	0.20	7.3	1.330	3.08	49.2	20.5	0.29	387	4.40	2.64	19.4	4.8	280	35.3
OREAS 906		27.6	0.23	7.4	1.275	2.86	47.9	19.5	0.26	352	4.28	2.40	18.0	5.0	270	35.7
OREAS 906		31.2	0.20	7.5	1.320	3.02	49.4	20.5	0.28	391	4.41	2.59	18.8	5.1	280	38.5
Target Range – Lower Bound		25.5	0.07	6.2	1.100	2.55	41.5	17.2	0.24	328	3.60	2.17	15.9	4.2	230	32.0
Upper Bound		31.3	0.31	7.8	1.360	3.13	51.9	21.4	0.31	412	4.51	2.67	19.7	5.6	310	40.2
OREAS 920		22.0	0.20	4.3	0.097	2.98	46.4	30.7	1.43	625	0.37	0.66	18.2	43.1	780	31.0
OREAS 920		22.5	0.20	5.0	0.084	2.97	47.9	30.7	1.38	607	0.44	0.66	18.9	43.1	750	27.0
OREAS 920		20.4	0.21	5.0	0.090	2.90	49.8	29.4	1.33	582	0.44	0.64	17.8	40.3	760	25.1
Target Range – Lower Bound		18.65	<0.05	4.0	0.070	2.59	41.0	26.0	1.23	535	0.34	0.56	15.6	37.4	670	20.7
Upper Bound		22.9	0.29	5.2	0.098	3.19	51.2	32.2	1.53	665	0.58	0.71	19.2	46.2	840	26.4
OREAS 932																
Target Range – Lower Bound																
Upper Bound																
OREAS-76a																
Target Range – Lower Bound																
Upper Bound																
OxE182																
OxE182																
Target Range – Lower Bound																
Upper Bound																
PK03																
PK03																
Target Range – Lower Bound																
Upper Bound																
TAZ-20																



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QC CERTIFICATE OF ANALYSIS WH22301869

Sample Description	Method Analyte Units LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
STANDARDS																
OREAS 317																
Target Range - Lower Bound																
Upper Bound																
OREAS 681																
OREAS 681																
Target Range - Lower Bound																
Upper Bound																
OREAS 682																
OREAS 682																
Target Range - Lower Bound																
Upper Bound																
OREAS 906		136.5	<0.002	0.04	2.57	4.7	5	4.2	160.0	1.42	0.12	14.95	0.113	0.71	5.1	5
OREAS 906		134.5	<0.002	0.04	2.54	5.1	6	4.5	167.5	1.34	0.16	14.80	0.121	0.70	4.8	6
OREAS 906		141.0	<0.002	0.04	2.56	4.8	5	4.4	153.0	1.41	0.12	14.85	0.108	0.69	5.1	5
OREAS 906		147.0	<0.002	0.04	2.63	5.0	5	4.7	169.0	1.50	0.20	16.05	0.120	0.80	5.6	5
Target Range - Lower Bound		124.0	<0.002	0.02	1.96	4.0	3	3.7	140.0	1.17	<0.05	13.30	0.097	0.58	4.5	3
Upper Bound		152.0	0.004	0.06	2.76	5.2	7	5.0	172.0	1.54	0.25	16.30	0.129	0.84	5.7	8
OREAS 920		183.0	<0.002	0.04	1.36	15.7	1	4.7	85.7	1.28	<0.05	18.90	0.497	0.79	3.7	99
OREAS 920		183.5	<0.002	0.03	1.59	15.1	1	5.3	83.1	1.47	<0.05	20.8	0.488	0.99	4.1	99
OREAS 920		176.5	<0.002	0.03	1.52	13.0	3	5.1	82.8	1.45	<0.05	20.6	0.468	0.95	4.1	98
Target Range - Lower Bound		158.5	<0.002	<0.01	1.22	12.8	<1	4.3	73.6	1.17	<0.05	17.35	0.434	0.73	3.3	86
Upper Bound		193.5	0.004	0.05	1.76	15.8	2	5.7	90.4	1.55	0.12	21.2	0.542	1.03	4.2	108
OREAS 932																
Target Range - Lower Bound																
Upper Bound																
OREAS-76a																
Target Range - Lower Bound																
Upper Bound																
OxE182																
OxE182																
Target Range - Lower Bound																
Upper Bound																
PK03																
PK03																
Target Range - Lower Bound																
Upper Bound																
TAZ-20																



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Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
STANDARDS								
OREAS 317							12.55	17.85
Target Range – Lower Bound							11.70	16.85
Upper Bound							12.55	18.05
OREAS 681								
OREAS 681								
Target Range – Lower Bound								
Upper Bound								
OREAS 682								
OREAS 682								
Target Range – Lower Bound								
Upper Bound								
OREAS 906		2.8	16.4	163	259			
OREAS 906		2.8	16.9	174	276			
OREAS 906		2.8	16.3	158	260			
OREAS 906		3.0	16.8	174	279			
Target Range – Lower Bound		2.2	14.1	145	221			
Upper Bound		3.2	17.5	181	301			
OREAS 920		2.9	35.4	151	165.0			
OREAS 920		3.3	34.7	117	165.0			
OREAS 920		3.3	34.0	117	160.5			
Target Range – Lower Bound		2.5	29.8	102	128.0			
Upper Bound		3.7	36.6	130	174.0			
OREAS 932							0.020	0.059
Target Range – Lower Bound								
Upper Bound								
OREAS-76a							0.002	0.010
Target Range – Lower Bound								
Upper Bound								
OxE182								
OxE182								
Target Range – Lower Bound								
Upper Bound								
PK03								
PK03								
Target Range – Lower Bound								
Upper Bound								
TAZ-20								



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Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
STANDARDS																
TAZ-20		0.303														
Target Range - Lower Bound		0.283														
Upper Bound		0.321														
BLANKS																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		0.001														
BLANK		<0.001														
BLANK		0.001														
BLANK		<0.001														
Target Range - Lower Bound		<0.001														
Upper Bound		0.002														
BLANK			<0.01	<0.01	0.2	<10	<0.05	0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01
BLANK			<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	0.2	<0.01
BLANK			<0.01	<0.01	<0.2	<10	<0.05	0.02	<0.01	<0.02	0.02	<0.1	<1	<0.05	<0.2	<0.01
BLANK			<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	0.01	<0.1	<1	<0.05	0.2	<0.01
BLANK			<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01
BLANK			<0.01	<0.01	0.3	<10	<0.05	0.01	<0.01	<0.02	0.02	<0.1	<1	<0.05	0.2	<0.01
BLANK			<0.01	<0.01	<0.2	<10	<0.05	0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01
Target Range - Lower Bound			<0.01	<0.01	<0.2	<10	<0.05	<0.01	<0.01	<0.02	<0.01	<0.1	<1	<0.05	<0.2	<0.01
Upper Bound			0.02	0.02	0.4	20	0.10	0.02	0.02	0.04	0.02	0.2	2	0.10	0.4	0.02
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
STANDARDS																
BLANKS																
TAZ-20																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	0.8	<10	<0.5
BLANK		<0.05	0.08	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	0.4	<10	<0.5
BLANK		<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	0.3	<10	<0.5
BLANK		<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	0.2	<0.01	<5	<0.05	<0.01	<0.1	0.2	<10	<0.5
BLANK		<0.05	0.07	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	0.8	<10	<0.5
BLANK		<0.05	0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
BLANK		<0.05	0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
Target Range - Lower Bound		<0.05	<0.05	<0.1	<0.005	<0.01	<0.5	<0.2	<0.01	<5	<0.05	<0.01	<0.1	<0.2	<10	<0.5
Upper Bound		0.10	0.10	0.2	0.010	0.02	1.0	0.4	0.02	10	0.10	0.02	0.2	0.4	20	1.0
BLANK																
BLANK																
BLANK																
Target Range - Lower Bound																
Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
STANDARDS																
TAZ-20																
Target Range – Lower Bound																
Upper Bound																
BLANKS																
BLANK																
BLANK																
BLANK																
Target Range – Lower Bound																
Upper Bound																
BLANK																
BLANK																
BLANK																
Target Range – Lower Bound																
Upper Bound																
BLANK		<0.1	<0.002	<0.01	<0.05	<0.1	1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
BLANK		<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
BLANK		<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
BLANK		<0.1	<0.002	<0.01	<0.05	<0.1	1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
BLANK		<0.1	<0.002	<0.01	0.06	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
BLANK		<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
BLANK		<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	0.03	<0.1	<1
Target Range – Lower Bound		<0.1	<0.002	<0.01	<0.05	<0.1	<1	<0.2	<0.2	<0.05	<0.05	<0.01	<0.005	<0.02	<0.1	<1
Upper Bound		0.2	0.004	0.02	0.10	0.2	2	0.4	0.4	0.10	0.10	0.02	0.010	0.04	0.2	2
BLANK																
BLANK																
BLANK																
Target Range – Lower Bound																
Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
STANDARDS								
TAZ-20								
Target Range - Lower Bound								
Upper Bound								
BLANKS								
BLANK						<1		
BLANK						<1		
BLANK						<1		
Target Range - Lower Bound						<1		
Upper Bound						2		
BLANK								
BLANK								
BLANK								
BLANK								
Target Range - Lower Bound								
Upper Bound								
BLANK		<0.1	<0.1	<2	<0.5			
BLANK		<0.1	<0.1	<2	<0.5			
BLANK		<0.1	<0.1	<2	<0.5			
BLANK		<0.1	<0.1	2	<0.5			
BLANK		0.1	<0.1	<2	<0.5			
BLANK		<0.1	<0.1	2	<0.5			
BLANK		<0.1	<0.1	<2	<0.5			
Target Range - Lower Bound		<0.1	<0.1	<2	<0.5			
Upper Bound		0.2	0.2	4	1.0			
BLANK							<0.001	0.001
BLANK							<0.001	0.001
BLANK							<0.001	<0.001
Target Range - Lower Bound							<0.001	<0.001
Upper Bound							0.002	0.002



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Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
DUPLICATES																
ORIGINAL			0.93	5.34	32.8	2180	1.12	0.06	0.08	13.85	28.3	8.6	9	0.47	53.0	3.64
DUP			0.99	5.38	34.2	2200	1.13	0.06	0.08	14.40	29.9	9.1	8	0.51	54.4	3.66
Target Range – Lower Bound			0.90	5.08	31.6	2020	1.02	0.05	0.07	13.40	27.6	8.3	7	0.42	51.6	3.46
Upper Bound			1.02	5.64	35.4	2360	1.23	0.07	0.09	14.85	30.6	9.4	10	0.56	55.8	3.84
ORIGINAL			9.95	0.09	77.0	3910	0.10	7.61	0.03	0.60	3.49	0.8	68	0.16	335	0.93
DUP			10.20	0.07	77.6	3950	0.10	7.73	0.02	0.58	3.64	0.9	59	0.13	340	0.91
Target Range – Lower Bound			9.56	0.07	73.2	3630	<0.05	7.28	<0.01	0.54	3.38	0.7	59	0.09	325	0.86
Upper Bound			10.60	0.09	81.4	4230	0.16	8.06	0.04	0.64	3.75	1.0	68	0.20	350	0.98
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL		5.08														
DUP		5.30														
Target Range – Lower Bound		4.93														
Upper Bound		5.45														
ORIGINAL		0.061														
DUP		0.059														
Target Range – Lower Bound		0.056														
Upper Bound		0.064														
ORIGINAL		0.030														
DUP		0.032														
Target Range – Lower Bound		0.028														
Upper Bound		0.034														
ORIGINAL		0.029														
DUP		0.022														
Target Range – Lower Bound		0.023														
Upper Bound		0.028														
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
DUPLICATES																
ORIGINAL		17.00	0.11	1.1	0.048	5.33	15.8	32.9	0.25	1635	1.82	0.07	4.6	11.2	320	644
DUP		17.40	0.13	1.2	0.053	6.26	16.7	33.0	0.25	1650	1.67	0.07	4.8	11.2	330	649
Target Range – Lower Bound		16.30	0.06	1.0	0.043	5.50	14.9	31.1	0.23	1555	1.61	0.06	4.4	10.4	300	614
Upper Bound		18.10	0.18	1.3	0.058	6.09	17.6	34.8	0.27	1730	1.88	0.08	5.0	12.0	350	679
ORIGINAL		0.49	0.06	0.3	0.194	0.02	1.4	5.6	0.01	81	6.88	0.01	9.1	2.0	20	102.5
DUP		0.48	0.06	0.3	0.203	0.01	1.4	5.8	<0.01	78	5.85	0.01	9.5	1.8	10	102.5
Target Range – Lower Bound		0.41	<0.05	0.2	0.184	<0.01	0.8	5.2	<0.01	71	6.00	<0.01	8.7	1.6	<10	96.9
Upper Bound		0.56	0.10	0.4	0.213	0.02	2.0	6.2	0.02	88	6.73	0.02	9.9	2.2	20	108.0
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
DUPLICATES																
ORIGINAL		129.5	<0.002	0.01	5.20	4.0	2	1.1	29.7	0.37	<0.05	3.63	0.143	1.46	1.9	23
DUP		163.5	<0.002	0.01	5.30	4.1	2	1.2	30.2	0.38	<0.05	3.86	0.148	1.54	2.0	24
Target Range – Lower Bound		139.0	<0.002	<0.01	4.81	3.7	<1	0.9	28.3	0.31	<0.05	3.55	0.133	1.37	1.8	21
Upper Bound		154.0	0.004	0.02	5.69	4.4	3	1.4	31.6	0.44	0.10	3.94	0.158	1.63	2.1	26
ORIGINAL		1.0	0.002	0.31	40.3	0.3	1	8.1	56.9	0.43	10.75	0.70	0.187	0.09	0.6	8
DUP		0.7	0.002	0.30	41.4	0.2	1	8.7	55.7	0.45	11.20	0.72	0.194	0.09	0.6	7
Target Range – Lower Bound		0.7	<0.002	0.28	37.7	<0.1	<1	7.8	53.3	0.37	10.40	0.66	0.176	0.06	0.5	6
Upper Bound		1.0	0.004	0.33	44.0	0.4	2	9.0	59.3	0.51	11.55	0.76	0.205	0.12	0.7	9
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
DUPLICATES								
ORIGINAL		1.9	10.8	7050	33.4			
DUP		3.1	11.1	7160	33.5			
Target Range – Lower Bound		2.2	10.3	6750	30.4			
Upper Bound		2.8	11.6	7460	36.5			
ORIGINAL		3.7	0.9	57	10.4			
DUP		3.7	0.9	56	10.0			
Target Range – Lower Bound		3.3	0.8	52	8.9			
Upper Bound		4.1	1.0	61	11.5			
ORIGINAL						109		
DUP						124		
Target Range – Lower Bound						113		
Upper Bound						120		
ORIGINAL								
DUP								
Target Range – Lower Bound								
Upper Bound								
ORIGINAL								
DUP								
Target Range – Lower Bound								
Upper Bound								
ORIGINAL								
DUP								
Target Range – Lower Bound								
Upper Bound								
ORIGINAL							2.23	3.64
DUP							2.22	3.65
Target Range – Lower Bound							2.17	3.55
Upper Bound							2.28	3.74



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DUPLICATES																
ORIGINAL		<0.001														
DUP		0.001														
Target Range – Lower Bound		<0.001														
Upper Bound		0.002														
ORIGINAL		0.002														
DUP		0.002														
Target Range – Lower Bound		<0.001														
Upper Bound		0.003														
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL			0.17	7.33	17.9	2270	1.53	0.45	1.02	0.16	52.2	23.8	9	11.50	12.8	3.25
DUP			0.17	6.78	16.8	2090	1.41	0.44	0.96	0.16	52.0	22.9	9	11.00	12.3	3.03
Target Range – Lower Bound			0.15	6.69	16.3	2010	1.35	0.41	0.93	0.13	49.5	22.1	8	10.65	11.9	2.97
Upper Bound			0.19	7.42	18.4	2350	1.59	0.48	1.05	0.19	54.7	24.6	10	11.85	13.2	3.31
E811163		0.004														
DUP		0.002														
Target Range – Lower Bound		0.002														
Upper Bound		0.004														
E811176			1.31	7.98	12.7	1300	1.43	0.12	4.27	0.23	45.2	21.7	67	1.62	26.4	4.80
DUP			1.28	7.97	13.8	1320	1.44	0.12	4.24	0.23	45.1	22.1	67	1.67	27.1	4.86
Target Range – Lower Bound			1.22	7.57	12.4	1200	1.31	0.10	4.03	0.20	42.9	20.7	63	1.51	25.6	4.58
Upper Bound			1.37	8.38	14.1	1420	1.56	0.14	4.48	0.26	47.4	23.1	71	1.78	27.9	5.08
E811199		<0.001														
DUP		<0.001														
Target Range – Lower Bound		<0.001														
Upper Bound		0.002														
E811219		0.064														
DUP		0.073														
Target Range – Lower Bound		0.064														
Upper Bound		0.073														



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Sample Description	Method Analyte Units LOD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
ORIGINAL DUP Target Range – Lower Bound Upper Bound		DUPLICATES														
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound		14.90 13.95 13.65 15.20	0.15 0.13 0.08 0.20	1.4 1.3 1.2 1.5	0.151 0.138 0.132 0.157	2.85 2.60 2.58 2.87	29.8 29.1 27.5 31.4	35.6 32.9 32.3 36.2	0.51 0.47 0.46 0.52	818 759 744 833	0.87 0.62 0.66 0.83	0.10 0.09 0.08 0.11	7.1 6.7 6.5 7.3	1.6 1.5 1.3 1.8	530 500 480 550	16.8 16.6 15.4 18.0
E811163 DUP Target Range – Lower Bound Upper Bound																
E811176 DUP Target Range – Lower Bound Upper Bound		15.55 16.00 14.95 16.60	0.15 0.13 0.08 0.20	1.9 2.0 1.8 2.1	0.051 0.056 0.046 0.061	1.98 2.00 1.88 2.10	23.1 22.5 21.2 24.4	23.6 24.2 22.5 25.3	2.35 2.33 2.21 2.47	968 959 910 1015	1.99 2.18 1.93 2.24	2.69 2.75 2.57 2.87	9.8 10.6 9.6 10.8	40.1 44.7 40.1 44.7	1590 1600 1510 1680	17.5 17.8 16.3 19.0
E811199 DUP Target Range – Lower Bound Upper Bound																
E811219 DUP Target Range – Lower Bound Upper Bound																



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Sample Description	Method Analyte Units LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
ORIGINAL DUP Target Range – Lower Bound Upper Bound		DUPLICATES														
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound																
ORIGINAL DUP Target Range – Lower Bound Upper Bound		153.0 143.5 140.5 156.0	<0.002 <0.002 <0.002 0.004	0.18 0.16 0.15 0.19	32.8 31.6 29.7 34.7	10.2 9.9 9.4 10.7	1 1 <1 2	1.9 1.8 1.6 2.1	61.9 58.9 57.2 63.6	0.63 0.62 0.54 0.71	0.09 0.09 <0.05 0.10	14.75 14.25 13.75 15.25	0.217 0.199 0.193 0.223	2.06 1.91 1.82 2.15	2.8 2.9 2.6 3.1	61 56 55 62
E811163 DUP Target Range – Lower Bound Upper Bound																
E811176 DUP Target Range – Lower Bound Upper Bound		57.6 54.9 53.3 59.2	<0.002 <0.002 <0.002 0.004	0.81 0.84 0.77 0.88	1.45 1.52 1.32 1.65	16.1 16.6 15.4 17.3	2 2 <1 3	1.1 1.1 0.8 1.4	591 598 565 624	0.48 0.52 0.43 0.58	0.05 0.05 <0.05 0.10	4.59 4.39 4.26 4.72	0.525 0.538 0.500 0.563	0.35 0.36 0.31 0.40	1.4 1.4 1.2 1.6	143 143 135 151
E811199 DUP Target Range – Lower Bound Upper Bound																
E811219 DUP Target Range – Lower Bound Upper Bound																



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QC CERTIFICATE OF ANALYSIS WH22301869

Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Ag-OG62	Pb-OG62	Zn-OG62
		W	Y	Zn	Zr	Ag	Pb	Zn
		ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	2	0.5	1	0.001	0.001
ORIGINAL DUP Target Range – Lower Bound Upper Bound		DUPLICATES						
ORIGINAL DUP Target Range – Lower Bound Upper Bound								
ORIGINAL DUP Target Range – Lower Bound Upper Bound		221 250 229 242						
ORIGINAL DUP Target Range – Lower Bound Upper Bound		2.5 2.5 2.2 2.8	14.6 13.8 13.4 15.0	64 59 56 67	38.9 35.8 34.0 40.7			
E811163 DUP Target Range – Lower Bound Upper Bound								
E811176 DUP Target Range – Lower Bound Upper Bound		1.9 1.9 1.7 2.1	17.1 17.5 16.3 18.3	102 102 95 109	90.9 96.6 86.2 101.5			
E811199 DUP Target Range – Lower Bound Upper Bound								
E811219 DUP Target Range – Lower Bound Upper Bound								



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Sample Description	Method Analyte Units LOD	Au-ICP21 Au ppm 0.001	ME-MS61 Ag ppm 0.01	ME-MS61 Al % 0.01	ME-MS61 As ppm 0.2	ME-MS61 Ba ppm 10	ME-MS61 Be ppm 0.05	ME-MS61 Bi ppm 0.01	ME-MS61 Ca % 0.01	ME-MS61 Cd ppm 0.02	ME-MS61 Ce ppm 0.01	ME-MS61 Co ppm 0.1	ME-MS61 Cr ppm 1	ME-MS61 Cs ppm 0.05	ME-MS61 Cu ppm 0.2	ME-MS61 Fe % 0.01
DUPLICATES																
E811221			8.67	3.93	324	630	0.76	1.69	2.78	9.67	37.1	8.7	52	3.31	14.1	2.55
DUP			9.32	3.79	309	610	0.71	1.58	2.67	9.02	34.6	8.3	51	3.07	14.0	2.51
Target Range – Lower Bound			8.54	3.66	300	560	0.65	1.54	2.58	8.86	34.0	8.0	48	2.98	13.4	2.39
Upper Bound			9.45	4.06	333	680	0.82	1.73	2.87	9.83	37.7	9.0	55	3.40	14.7	2.67
E811239		0.003														
DUP		0.002														
Target Range – Lower Bound		<0.001														
Upper Bound		0.004														
E811248			0.96	7.51	110.5	780	1.32	0.08	4.41	0.09	43.2	21.8	41	3.48	31.5	4.59
DUP			0.93	7.67	109.5	770	1.30	0.08	4.40	0.10	42.2	20.9	41	3.33	31.3	4.55
Target Range – Lower Bound			0.89	7.20	104.5	710	1.19	0.07	4.17	0.07	40.6	20.2	38	3.18	30.1	4.33
Upper Bound			1.00	7.98	115.5	840	1.43	0.09	4.64	0.12	44.8	22.5	44	3.63	32.7	4.81
E811270		0.086														
DUP		0.097														
Target Range – Lower Bound		0.086														
Upper Bound		0.097														
E811290		0.001														
DUP		0.001														
Target Range – Lower Bound		<0.001														
Upper Bound		0.002														
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL			0.41	1.70	29.2	290	0.45	0.11	25.6	0.12	17.55	4.5	47	4.60	26.9	1.23
DUP			0.42	1.72	30.3	300	0.46	0.11	26.5	0.14	17.15	4.8	48	4.53	27.4	1.27
Target Range – Lower Bound			0.38	1.61	28.1	260	0.38	0.09	24.7	0.10	16.45	4.3	44	4.29	26.0	1.18
Upper Bound			0.45	1.81	31.4	330	0.53	0.13	27.4	0.16	18.25	5.0	51	4.84	28.3	1.32



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Sample Description	Method Analyte Units LOD	ME-MS61 Ga ppm 0.05	ME-MS61 Ge ppm 0.05	ME-MS61 Hf ppm 0.1	ME-MS61 In ppm 0.005	ME-MS61 K % 0.01	ME-MS61 La ppm 0.5	ME-MS61 Li ppm 0.2	ME-MS61 Mg % 0.01	ME-MS61 Mn ppm 5	ME-MS61 Mo ppm 0.05	ME-MS61 Na % 0.01	ME-MS61 Nb ppm 0.1	ME-MS61 Ni ppm 0.2	ME-MS61 P ppm 10	ME-MS61 Pb ppm 0.5
DUPLICATES																
E811221		9.70	0.14	1.2	0.071	1.58	20.9	21.8	1.20	957	11.25	0.45	7.0	40.4	1380	265
DUP		9.12	0.13	1.2	0.070	1.52	19.4	21.0	1.14	918	10.60	0.43	6.5	38.5	1310	255
Target Range – Lower Bound		8.89	0.07	1.0	0.062	1.46	18.6	20.1	1.10	886	10.35	0.41	6.3	37.3	1270	247
Upper Bound		9.93	0.20	1.4	0.079	1.64	21.7	22.7	1.24	989	11.50	0.47	7.2	41.6	1420	274
E811239																
DUP																
Target Range – Lower Bound																
Upper Bound																
E811248		18.50	0.13	2.3	0.051	1.91	21.9	28.2	2.12	983	1.74	2.43	8.0	36.0	1180	6.0
DUP		17.75	0.10	2.1	0.048	1.89	21.3	28.1	2.13	991	1.61	2.40	7.8	34.1	1180	6.1
Target Range – Lower Bound		17.15	0.06	2.0	0.042	1.80	20.0	26.5	2.01	933	1.54	2.28	7.4	33.1	1110	5.2
Upper Bound		19.10	0.17	2.4	0.057	2.01	23.2	29.8	2.24	1040	1.81	2.55	8.4	37.0	1250	6.9
E811270																
DUP																
Target Range – Lower Bound																
Upper Bound																
E811290																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL		3.85	0.09	0.8	0.022	0.70	9.4	5.2	0.36	178	15.05	0.01	1.6	33.5	620	6.8
DUP		3.98	0.09	0.8	0.021	0.71	9.3	5.2	0.37	183	15.35	0.01	1.7	35.9	610	6.9
Target Range – Lower Bound		3.67	<0.05	0.7	0.015	0.66	8.4	4.7	0.34	166	14.40	<0.01	1.5	32.8	570	6.0
Upper Bound		4.16	0.10	0.9	0.028	0.75	10.3	5.7	0.39	195	16.00	0.02	1.8	36.6	660	7.7



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Sample Description	Method Analyte Units LOD	ME-MS61 Rb ppm 0.1	ME-MS61 Re ppm 0.002	ME-MS61 S % 0.01	ME-MS61 Sb ppm 0.05	ME-MS61 Sc ppm 0.1	ME-MS61 Se ppm 1	ME-MS61 Sn ppm 0.2	ME-MS61 Sr ppm 0.2	ME-MS61 Ta ppm 0.05	ME-MS61 Te ppm 0.05	ME-MS61 Th ppm 0.01	ME-MS61 Ti % 0.005	ME-MS61 Tl ppm 0.02	ME-MS61 U ppm 0.1	ME-MS61 V ppm 1
DUPLICATES																
E811221		63.8	0.018	0.84	16.10	6.9	4	0.8	237	0.43	0.06	5.36	0.225	0.49	3.2	134
DUP		60.2	0.019	0.81	15.60	6.5	4	0.9	229	0.41	0.06	5.10	0.216	0.47	3.1	129
Target Range – Lower Bound		58.8	0.016	0.77	14.60	6.3	3	0.6	221	0.35	<0.05	4.96	0.204	0.42	2.9	124
Upper Bound		65.2	0.021	0.88	17.10	7.1	5	1.1	245	0.49	0.10	5.50	0.237	0.54	3.4	139
E811239																
DUP																
Target Range – Lower Bound																
Upper Bound																
E811248		71.4	<0.002	0.88	1.78	16.2	2	1.2	450	0.47	<0.05	5.03	0.439	0.55	2.1	136
DUP		71.0	<0.002	0.88	1.71	15.0	2	1.2	447	0.43	0.05	4.95	0.442	0.48	2.1	136
Target Range – Lower Bound		67.5	<0.002	0.83	1.56	14.7	<1	0.9	426	0.38	<0.05	4.73	0.413	0.46	1.9	128
Upper Bound		74.9	0.004	0.93	1.93	16.5	3	1.5	471	0.52	0.10	5.25	0.468	0.57	2.3	144
E811270																
DUP																
Target Range – Lower Bound																
Upper Bound																
E811290																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range – Lower Bound																
Upper Bound																
ORIGINAL		28.2	0.032	1.26	6.21	2.7	5	0.4	1165	0.12	0.08	1.65	0.069	1.14	5.4	219
DUP		28.0	0.029	1.28	6.09	2.9	6	0.4	1175	0.11	0.09	1.58	0.070	1.08	5.2	221
Target Range – Lower Bound		26.6	0.027	1.20	5.64	2.6	4	<0.2	1110	0.06	<0.05	1.52	0.061	1.01	4.9	208
Upper Bound		29.6	0.034	1.34	6.66	3.0	7	0.6	1230	0.17	0.10	1.71	0.078	1.21	5.7	232



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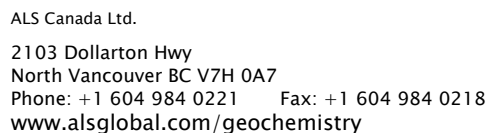
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Sample Description	Method Analyte Units LOD	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	Ag-OG62 Ag ppm 1	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
DUPLICATES								
E811221		4.5	14.1	444	43.9			
DUP		4.3	13.6	423	46.1			
Target Range – Lower Bound		4.0	13.1	410	41.1			
Upper Bound		4.8	14.6	457	48.9			
E811239								
DUP								
Target Range – Lower Bound								
Upper Bound								
E811248		3.2	15.9	71	87.3			
DUP		3.0	15.6	72	84.3			
Target Range – Lower Bound		2.8	14.9	66	78.9			
Upper Bound		3.4	16.6	77	92.7			
E811270								
DUP								
Target Range – Lower Bound								
Upper Bound								
E811290								
DUP								
Target Range – Lower Bound								
Upper Bound								
ORIGINAL							0.380	2.05
DUP							0.370	2.04
Target Range – Lower Bound							0.370	1.995
Upper Bound							0.391	2.10
ORIGINAL							0.387	2.04
DUP							0.376	2.05
Target Range – Lower Bound							0.376	1.995
Upper Bound							0.398	2.10
ORIGINAL		0.2	9.0	8	32.0			
DUP		0.2	9.1	13	33.8			
Target Range – Lower Bound		<0.1	8.5	8	29.9			
Upper Bound		0.3	9.6	13	35.9			



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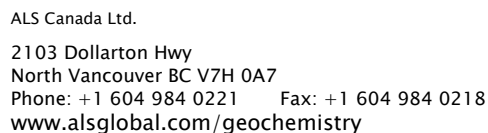
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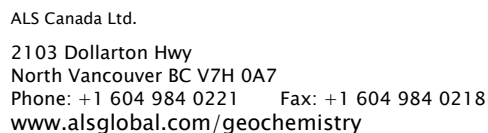
Sample Description	Method Analyte Units LOD	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
		PREP DUPLICATES														
E811203		14.45	0.12	1.3	0.055	1.35	17.4	30.4	3.10	975	1.86	1.47	7.1	30.1	860	10.2
E811203 PREP DUP		16.50	0.12	1.5	0.059	1.47	18.1	32.0	3.32	1100	2.62	1.59	7.8	35.9	890	10.1
E811256		15.05	0.15	1.5	0.056	3.14	25.7	25.9	1.79	1665	10.70	1.04	7.2	24.6	840	315
E811256 PREP DUP		14.60	0.12	1.5	0.055	3.35	25.2	26.8	1.86	1700	10.60	1.06	7.6	24.0	870	335



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CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61

LABORATORY ADDRESSES

Applies to Method:	Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.			
	CRU-31	CRU-QC	LOG-21	LOG-23
	PUL-31	PUL-QC	SPL-21	WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.			
	Ag-OG62	Au-ICP21	ME-MS61	ME-OG62
	Pb-OG62	Zn-OG62		

Appendix E – Expenditures and Invoices

2022 STATEMENT OF EXPENDITURES - PIKE WARDEN					
Supplier: TRANSITION METALS CORP.					
July 16-25, October 14-21 (2022)					
Labour - \$4,900.00					
Job Title	Amount	Unit	Time Period	Rate	Total
Field Geologist	14	day	July 16-22; Oct. 14-20, 2022	\$ 350.00	\$ 4,900.00
Transportation - \$4,503.74					
Item	Amount	Unit	Description	Rate	Total
Crew airfare	6	flight	To/from ON and YT, as per receipts	-	\$ 4,503.74
Camp, Lodging & Misc - \$4,012.98					
Item	Amount	Unit	Description	Rate	Total
Room & board (Whitehorse)	2	night	2 rooms @ Edgewater, as per receipts	-	\$ 1,276.00
Room & board (Whitehorse)	1	night	2 rooms @ Sternwheeler, as per receipts	-	\$ 626.28
Room & board (Whitehorse)	6	night	1 room @ Bluejay Short Term Rentals, as per receipt	\$ 189.00	\$ 1,134.00
Fuel	-	-	as per receipts	-	\$ 90.67
Meals & camp food	-	-	as per receipts	-	\$ 886.03
TOTAL					\$ 13,416.72
Supplier: G. COLLINS GEOSCIENCE INC.					
Geological Services - July 16-25, Aug. 30, Sept. 30 (2022)					
Item	Amount	Unit	Description	Rate	Total
Geological services	-	-	as per invoices	-	\$ 8,750.00
Mileage	-	-	as per invoices	-	\$ 627.00
SUPPLIER TOTAL					\$ 9,377.00
Supplier: ALS GEOCHEMISTRY					
Assays & Geochemistry - August-December (2022)					
Item	Amount	Unit	Description	Rate	Total
Rock sample	106	sample	Prospecting and trenching samples (rushed)	\$ 140.27	\$ 14,868.32
Percussion sample	147	sample	RC drill samples	\$ 70.91	\$ 10,423.42
SUPPLIER TOTAL					\$ 25,291.74
Supplier: ARCHER, CATHRO & ASSOCIATES (1981) LTD.					
Geological Services & Logistical Support - July 16-25, September 30, October 14-21, Nov. 30 (2022)					
Labour - \$48,917.50					
Job Title	Amount	Unit	Time Period	Rate	Total
Partner/Sr. Geo.	116	hr	July 16-25; Sept. 30; Oct. 14-21; Nov. 30, 2022	\$ 123.00	\$ 14,268.00
Senior I Geo.	2	hr	July 16-25, 2022	\$ 113.00	\$ 226.00
Controller	14	hr	July 16-25; Sept. 30; Oct. 14-21; Nov. 30, 2022	\$ 109.00	\$ 1,526.00
Warehouse Manager	29	hr	July 16-25; Oct. 14-21, 2022	\$ 108.00	\$ 3,132.00
Jr. Geologist	64	hr	Oct. 14-21, 2022	\$ 97.00	\$ 6,208.00
Senior Admin	37	hr	July 16-25; Oct. 14-21, 2022	\$ 94.00	\$ 3,478.00
Junior Admin	2	hr	Nov. 30, 2022	\$ 68.00	\$ 136.00
Expeditor	7.5	hr	July 16-25, 2022	\$ 81.00	\$ 607.50
Camp Maintenance	80	hr	July 16-25, 2022	\$ 65.00	\$ 5,200.00
Senior Geo Tech	80	hr	July 16-25, 2022	\$ 76.00	\$ 6,080.00
Jr. Labourer	152	hr	July 16-25; Oct. 14-21, 2022	\$ 53.00	\$ 8,056.00
Transportation - \$48,086.13					
Item	Amount	Unit	Description	Rate	Total
Bell 407	12.5	flight hr	Owned & operated by Capital Helicopters	\$ 2,125.00	\$ 26,562.50
Bell 206L	5.2	flight hr	Owned & operated by Capital Helicopters	\$ 1,385.00	\$ 7,202.00
Bell 206B	2.2	flight hr	Owned & operated by Capital Helicopters	\$ 1,185.00	\$ 2,607.00
Helicopter fuel	3385.2	litre	as per invoices	\$ 2.20	\$ 7,447.44
Pickup truck 1	2	day	Archer Cathro truck rental CC4	\$ 120.00	\$ 240.00
Pickup truck 2	3	day	Archer Cathro truck rental CS1	\$ 150.00	\$ 450.00
Pickup truck 3	1	day	Archer Cathro truck rental CS2	\$ 140.00	\$ 140.00
Vehicle mileage	1377	km	as per invoices	\$ 0.65	\$ 895.05
Fuel	-	-	Gas & diesel for trucks and camp stove	-	\$ 2,030.22
Crew airfare	-	-	Crew flight change fees (YT to ON)	-	\$ 511.92

Camp, Lodging & Misc - \$13,168.79					
Item	Amount	Unit	Description	Rate	Total
Fuel drums	4	drum	Archer Cathro fuel drum rental	\$ 55.00	\$ 220.00
Camp food	-	-	as per receipts	-	\$ 2,271.28
Room & board	8	day	Archer Cathro Bunkhouse	\$ 180.00	\$ 1,440.00
Camp	50	day	Archer Cathro rental (wall tents, bear fence, etc.)	\$ 80.00	\$ 4,000.00
Field gear rental	5	day	Archer Cathro rental (vests, backpacks, etc.)	\$ 40.00	\$ 200.00
Field gear purchases	-	-	Work gloves and PPE for drill program sampler	-	\$ 152.40
Admin fees	-	-	Archer Cathro admin fees	-	\$ 4,885.11
SUPPLIER TOTAL					\$ 110,172.42
Supplier: SUBTERRA EXPLORATION LTD.					
RC Drilling Services - October 14-21 (2022)					
Category	Amount	Unit	Description	Rate	Total
Mobilization	-	-	Whitehorse to/from project staging location	-	\$ 2,000.00
Consumables	-	-	Hammers, bits, fluids, pipes, etc.	-	\$ 5,754.20
Drilling costs	35	ft	Overburden - Casing	\$ 45.00	\$ 1,575.00
	635	ft	Rock drilling	\$ 21.00	\$ 13,335.00
	10	hr	Drill move time	\$ 350.00	\$ 3,500.00
	9.5	hr	Setup and tear down	\$ 350.00	\$ 3,325.00
	2.5	hr	Rod handling	\$ 350.00	\$ 875.00
	23.5	hr	Stand-by	\$ 300.00	\$ 7,050.00
Crew and misc charges	12	hr	Crew mob and travel	\$ 125.00	\$ 1,500.00
	6	day	Pickup truck (2 trucks, per day)	\$ 300.00	\$ 1,800.00
	-	-	Crew flights (BC to YT)	\$ 985.25	\$ 985.25
	4	tent	Camp rental	\$ 1,000.00	\$ 4,000.00
SUPPLIER TOTAL					\$ 45,699.45
2022 EXPENDITURE TOTAL (excluding GST/HST)					
					\$ 203,957.33



**Archer, Cathro & Associates
(1981) Limited**

#510-1100 Melville St.
Vancouver, B.C.

ARCHER CATHRO V8E 4A8

Invoice

Date	Invoice #
2022-07-31	9529

Bill To

PIKE/WARDEN PROPERTY
Transition Metals Corp.
9C-1351 Kelly Lake Road
Sudbury, ON
P3E 5P5

Billing Period

JULY 2022

Budget Item	Description	Qty	Rate	Amount
	NON-ARCHER, CATHRO SERVICES & SUPPLIES			
NA-22 Camp F...	Riverdale Super A - Inv#55769	1.00	1,168.01	1,168.01T
NA-22 Camp F...	Riverdale Super A - Inv#55929	1.00	838.87	838.87T
NA-02 Helicop...	Capital Helicopters - Inv#239614	1.00	3,306.80	3,306.80T
NA-22 Camp F...	Riverdale Super A - Inv#56022	1.00	114.78	114.78T
NA-02 Helicop...	Capital Helicopters - Inv#242174	1.00	5,290.88	5,290.88T
NA-24 Airfare ...	BNS Visa#4497 - Jul 31/22 - Air Canada - J.Collins airfare	1.00	473.04	473.04T
NA-24 Airfare ...	BNS Visa#4497 - Jul 31/22 - Air Canada - S. Reese airfare	1.00	38.88	38.88T
NA-22 Camp F...	BNS Visa#4497 - Jul 31/22 - Porter Creek Super A - fld food	1.00	50.95	50.95T
NA-02 Helicop...	North 60 Petro - Inv#CL15206	1.00	121.85	121.85T
	Total Expenses			11,404.06
	ARCHER, CATHRO SERVICES & SUPPLIES			
AC-07 Office ...	Level P6 - Partner day rate \$984.00	4.00	123.00	492.00T
AC-05-1 Labour	Level A2 - Admin (Senior) day rate \$752.00	20.00	94.00	1,880.00T
AC-07 Office ...	Level F1 - Controller day rate \$872.00	6.50	109.00	708.50T
AC-05-1 Labour	Level P6 - Partner day rate \$984.00	96.00	123.00	11,808.00T
AC-05-1 Labour	Level CL1 - General Labourer (Junior) day rate \$424.00	88.00	53.00	4,664.00T
AC-07 Office ...	Level P3 - Geologist (Senior I) day rate \$904.00	2.00	113.00	226.00T
	at 2% per month on invoices over 30 days.			
	Subtotal			

GST No. 100247667

GST Total

Total Payable

Balance Due



**Archer, Cathro & Associates
(1981) Limited**
#510-1100 Melville St.
Vancouver, B.C.
ARCHER CATHRO V6E 4A6

Invoice

Date	Invoice #
2022-07-31	9529

Bill To

PIKEWARDEN PROPERTY
Transition Metals Corp.
9C-1351 Kelly Lake Road
Sudbury, ON
P3E 5P5

Billing Period

JULY 2022

Budget Item	Description	Qty	Rate	Amount
AC-05-1 Labour	Level CE2 - Expeditor day rate \$648.00	7.50	81.00	607.50T
AC-05-1 Labour	Level CM2 - Camp Maintenance (Intermediate) day rate \$520.00	80.00	65.00	5,200.00T
AC-05-1 Labour	Level T3 - Geo Tech (Senior) day rate \$808.00	80.00	76.00	6,080.00T
AC-05-1 Labour	Level W2 - Warehouse Manager day rate \$864.00	8.00	108.00	864.00T
	MANAGEMENT FEE			
AC-01 Manag...	Administration Fee	43,934.06	0.05	2,196.70T
AC-16 Car/Va...	2004 Chevrolet Silverado 2500 CC4 (2 days @ \$120.00 per day)	2.00	120.00	240.00T
AC-16 Car/Va...	2004 Chevrolet Silverado 2500 CC4 Mileage (422 kms @ \$.65 per kms)	422.00	0.65	274.30T
AC-11 AC Hou...	AC House-Room & Board (4 days @ \$180.00 per day)	4.00	180.00	720.00T
AC-10 Camp ...	Camp Rental (50 days @ \$80.00 per day)	50.00	80.00	4,000.00T
	GST charged		5.00%	2,568.25
Payment due upon receipt of invoice. Interest charged at 2% per month on invoices over 30 days.				
Subtotal				CAD 51,365.06

GST No. 100247667

GST Total

CAD 2,568.25

Total Payable

CAD 53,933.31

Balance Due

CAD 53,933.31

View all

Type : SALE Trs# : 55850
 Date : 2022-07-14 Invoice# : 00055769
 Time : 14:05:14 to 10:41:59 Term. : RIV-002
 Cashier : 114 - Mgr. - MATT POS comment : Show Trs#55835
 Customer : 10 - ARCHER CATHRO, *Pike/Warden*

Code	Ref	Description	Vnd	Amount	Wght	Qty	Flag
0006041004667		ORIGINAL RECIPE CHIPS 200		\$32.94		6.00	G
0006882617603		ORGANIC TORTILLA CHIPS 350 GR		\$5.99		1.00	G
0006020000190		NABOB BOLD FULL CITY DARK COFFEE 915 GR		\$23.99		1.00	
0006563313414		CHEERIOS HONEY NUT 725 GR		\$11.49		1.00	
0006410003632		VECTOR JMB		\$13.99		1.00	
0006672100570		OREO ORIGINAL 500 GR		\$6.69		1.00	
0006420011622		PENNE RIGATE		\$5.99		1.00	
0005770021541		FUZZY PEACHE 355		\$6.49		1.00	G
0005770021540		WINE GUMS SUP 315 GR		\$6.55		1.00	G
0006672102651		CHRISTIE CRISPERS		\$4.19		1.00	G
0006672102650		CH CRISP RANCH		\$4.19		1.00	G
0005980000021		COFFEE CRISP		\$49.75		25.00	G
0005910000801		MINUTE RICE		\$12.88		2.00	
0005796101863		FRUIT SOURCE WTH VEGGIE ASSORTED 12		\$11.99		1.00	G
0003700065534		BOUNTY 4=6RL 74S		\$28.18		2.00	G
0006672100743		TRISCUIT CRK PEP OLV OIL 200 GR		\$4.99		1.00	
0006887502302		WET ONES ANTIBACTERIAL WIPES 40 EA		\$5.26		1.00	G
0005717420124		TET PEPERMIT		\$5.49		1.00	
0006811050000		NATURESOURCE ALMD		\$5.89		1.00	G
0006132848374		PUREX BATH ULT TRP		\$39.98		2.00	G
0006714070066		SNACK BAGS		\$7.32		1.00	G
0006714000450		LRG FREZRBAG		\$6.82		1.00	G
0005731618807		GOLD SUNFLOWER SEEDS 100 GR		\$2.81		1.00	
0005731618800		GOLD SUNFLOWER SEEDS RAW 100 GR		\$2.01		1.00	

9999999990102	.Grocery [GST]	\$2.99	1.00	G
0006748911837	GARB BAGS	\$16.62	1.00	G
0006748930219	GLAD WHITE SMALL	\$10.06	1.00	G
0007017715274	ENG BFAST TE	\$12.99	1.00	
0007073452832	CELEST TEA CHAMO	\$8.49	1.00	
0007765208249	STASH TEA LEM GING	\$4.49	1.00	
0006598700009	FAMILY DIGESTIVE 300	\$5.99	1.00	
0008420011380	CATELLI SPAGHETTI	\$6.49	1.00	
0005557710413	PM PANCAKE MIX	\$6.44	1.00	
0008563315738	SWT/SLTY CASHEW 192 GR	\$11.78	2.00	G
0005731617654	CG SOUR GUMMY MIX 400 GR	\$5.63	1.00	G
0005731618846	C.GOLD DRIED MANGO	\$13.66	2.00	
0007618601000	ICHIBAN NODL	\$6.34	6.00	
0006672100744	CHR TRISCUIT	\$4.99	1.00	
0006672112885	WHEAT THINS	\$8.49	1.00	
0006152201888	FRUIT TO GO VARIETY PACK 24	\$13.99	1.00	G
0006620002098	MONTREAL STEAK SPICE 188	\$9.44	1.00	
9999999990102	.Grocery [GST]	\$4.99	1.00	G
0005557710814	QUAK KETCHUP	\$8.98	2.00	G
0005557710110	QUAKER QUICK OATS 1 KG	\$8.17	1.00	
0008874811041	CHINA LILY SOYA SAUCE	\$4.99	1.00	
0006620000132	MCMK GRD GINGER	\$7.29	1.00	
0008780000252	BLACK BEAN	\$8.78	2.00	
0008780000242	CHICK PEAS	\$6.78	2.00	
0002418201300	EDEN ORGANIC SAUERKRAUT 796 ML	\$11.99	1.00	
0005900000405	BABY DILLS	\$7.48	1.00	
0008882820002	QUE PASA SAL	\$5.99	1.00	
0005731611549	COOP MAPLE S	\$12.99	1.00	
0008563346122	NV OATS N HONEY GRANOLA 310 GR	\$6.79	1.00	
0006620000287	ORG TURMERIC	\$7.49	1.00	
0005700001316	KETCHUP	\$7.29	1.00	
0008620001139	SEASONED SALT ORIGINAL 225	\$5.85	1.00	

0006840061620	BIG SQUEEZE REGULAR MAYONNAISE 750	\$7.99	1.00	
0005731611735	C/G X/GN OLV OIL	\$14.39	1.00	
0006810005558	RASP JAM	\$6.99	1.00	
0060502186457	MRS DASH	\$4.69	1.00	
0005871699170	SALTED CASHEWS 200 GR	\$9.53	1.00	G
0006810004614	CRMY CAESAR	\$4.29	1.00	
0005738308114	SESAME OIL	\$5.18	1.00	
0005620080502	REDHOT SAUCE	\$5.79	1.00	
0005700033006	SPICY RED PEPPER PASTA SCE 650 ML	\$11.98	2.00	
0005150071017	ADAMS PNT BT	\$18.87	3.00	
0006601007025	SALT PEPPER	\$8.52	1.00	
0005731616421	ITALIAN SEASONING 37 GR	\$3.00	1.00	
0006202000074	NUTELLA HAZELNUT SPREAD 375 GR	\$5.99	1.00	
0005620076217	FR MUST 400M	\$3.88	1.00	
0005700033618	BASIL PESTO 218 ML	\$4.49	1.00	
0005830048192	FAJITA SEASONING MIX 24 GR	\$2.29	1.00	
0006340013871	14 GRAINS 600 G	\$7.58	2.00	
9999999990102	.Grocery [GST]	\$9.99	1.00	G
9999999990102	.Grocery [GST]	\$14.99	1.00	G
9999999990601	.Meat	\$94.00	2.00	
0006310020870	NATURAL SELECTIONS SHAVED TURKEY 175	\$13.98	2.00	
9999999990601	.Meat	\$17.98	2.00	
0006582298080	BACON STYLE TURKEY 375	\$13.98	2.00	
0006340017005	CASA MENDOSA WW	\$4.99	1.00	
0006340012117	CASA MENDOSA TOM	\$4.99	1.00	
0005731615333	SALTED BUTTER 454	\$7.19	1.00	
9999999990102	.Grocery (GST)	\$7.99	1.00	G
0020514600000 20514603802	BONELESS SKINLESS BREAST 1	\$38.02	1.00	
0005731615560	COOP SHR DBL MILD	\$8.49	1.00	
0005731617720	CG SHVD PARM	\$11.98	2.00	
0005589811452	ORIGINAL PEPPERONI 450	\$22.98	2.00	

0078735910019	CAESAR CROUTON	\$3.49	1.00	
0087769300308	PROACTIV CHIA 284 GR	\$10.11	1.00	
9999999990102	.Grocery [GST]	\$12.99	1.00	G
9999999990102	.Grocery [GST]	\$23.97	3.00	G
9999999990102	.Grocery [GST]	\$8.99	1.00	G
0007357529904	NAK VINEGAR	\$5.99	1.00	
0006435910686	HUNGARIAN SALAMI 125	\$11.38	2.00	
0307378097175	MINI BABYBEL	\$25.98	2.00	
0005731607630	GOLO LARGE BROWN EGGS 12 EA	\$20.97	3.00	
0072225212149	CLIF BAR	\$23.88	1.00	
0006820000645	C.B HAVARTI SLICE	\$7.99	1.00	
0006082280038	YVES VEGGIE GOOD BURGER 4	\$4.69	1.00	
0005731615666	GOLD OLO CHEDDAR CHEESE 800 GR	\$16.99	1.00	
9999999990102	.Grocery [GST]	\$25.98	2.00	G
	Charge	\$1188.16	1.00	

Summary	Amount	Qty
TOTAL SALES	\$1188.16	1.00
Net Sales	\$1168.01	160.00
Sales Non Taxable	\$765.00	94.00
Discountable Sales	\$1163.72	159.00
Taxable 1	\$403.01	66.00
Tax 1	\$20.15	
Coupon able	\$1168.01	100.00
Charge	\$1188.16	1.00
Admissible spending	\$869.54	135.00
Customer balance current	\$1188.16	1.00
Perpetual inventory current	-\$1168.01	-160.00
BALANCE	\$0.00	

View all

Type : BACKUP

Trs# : 55859

Date : 2022-07-15

Term. : RIV-002

INV# 55929

Time : 13:29:44 to 14:37:26

POS comment : Show Trs#55854

Cashier : 114 - Mgr. - MATT

Pike/Warden

Code	Ref	Description	Vnd	Amount	Wght	Qty	Flag
9999999991802		.Bakery [GST]		\$5.99		1.00	G
9999999991802		.Bakery [GST]		\$4.99		1.00	G
0006340013871		14 GRAINS 600 G		\$7.58		2.00	
0000000004060		BROCCOLI PREMIUM 1		\$4.83	0.610	1.00	
0000000004224		AVOCADO		\$29.88		12.00	
0000065100321		LETTUCE ROMAINE HEARTS 1		\$7.99		1.00	
0000000004030		KIWI FRUIT REG		\$19.35		15.00	
0000000004135		APPLES GALA		\$12.08	2.115	1.00	
0000000004087		TOMATOES ROMA		\$2.73	0.310	1.00	
0000000004047		GRAPEFRUIT RED		\$17.34		6.00	
0000000004068		ONIONS GREEN		\$3.98		2.00	
0000000004067		SQUASH ZUCCHINI GREEN REG		\$4.02	0.555	1.00	
0000000004088		PEPPERS BELL RED 1		\$19.39	1.355	1.00	
0000000004597		CUCUMBER ENGLISH		\$5.98		2.00	
0005731615560		COOP SHR DBL MILD		\$8.49		1.00	
0077116300067		ORGANIC WHITE STUFFER 454 GR		\$5.99		1.00	
0006340012117		CASA MENDOSA TOM		\$4.99		1.00	
0006340017005		CASA MENDOSA WW		\$4.99		1.00	
0003338353050		POTATO 10LB RUSSET 10		\$12.99		1.00	
0003260195296		ORGANIC BABY SPINACH 284 G		\$15.98		2.00	
0000000004088		PEPPERS BELL RED 1		\$13.38	0.935	1.00	
0006582298080		BACON STYLE TURKEY 375		\$13.98		2.00	
0077116300067		ORGANIC WHITE STUFFER 454 GR		\$5.99		1.00	
9999999992201		.Produce Each		\$5.99		1.00	
0003338366604		MINI CARROTS		\$10.98		2.00	
0003338366001		BUNNY-LUV FRESH CALIFORNIA CARROTS 2LB		\$6.38		2.00	

999999990801	.Meat	\$19.98	2.00	
0000000004816	YAMS	\$4.81	0.730	1.00
0008210000895	CANADA DRY CLUB SODA 12 EA	\$23.97	3.00	G
Exc: 38	Deposit : \$1.80			
Exc: 40	Environment fee : \$1.80			
999999990102	.Grocery [GST]	\$7.99	1.00	G
999999990102	.Grocery [GST]	\$15.98	2.00	G
0006872170447	DEMP 12 GRN BAGEL	\$17.96	4.00	
999999990601	.Meat	\$94.00	2.00	
999999990102	.Grocery [GST]	\$20.97	3.00	G
0005731615333	SALTED BUTTER 454	\$7.19	1.00	
0020514600000 20514603802	BONELESS SKINLESS BREAST 1	\$38.02	1.00	
0020830200000 20830272209	GROUND TURKEY THIGH 1	\$22.09	1.00	
999999990601	.Meat	\$17.98	2.00	
0008310020870	NATURAL SELECTIONS SHAVED TURKEY 175	\$13.98	2.00	
0006435910688	HUNGARIAN SALAMI 125	\$11.38	2.00	
0005589811452	ORIGINAL PEPPERONI 450	\$22.98	2.00	
0005557710779	RICE CAKE	\$3.49	1.00	
999999990102	.Grocery [GST]	\$7.99	1.00	G
0307378097175	MINI BABYBEL	\$25.98	2.00	
0006820000645	C.B HAVARTI SLICE	\$7.99	1.00	
0006082280038	YVES VEGGIE GOOD BURGER 4	\$4.69	1.00	
999999990102	.Grocery [GST]	\$8.99	1.00	G
0005731617720	CG SHVD PARM	\$11.98	2.00	
0071651904120	SNOW PEAS 170 GR	\$3.99	1.00	
0003904700115	SHORTBREAD BUTTER FINGERS 150 GR	\$5.02	1.00	
0000000004012	ORANGES NAVEL WEST	\$15.59	2.840	1.00
0000000004050	MANDARINS	\$19.78	1.835	1.00
0005557710834	GATORADE	\$18.96	2.00	G
0002190845523	LARABAR	\$33.99	1.00	G
0005731607630	GOLD LARGE BROWN EGGS 12 EA	\$20.97	3.00	
0005731615566	GOLD OLD CHEDDAR CHEESE 800 GR	\$16.99	1.00	

0005786400008	TOFU EXTRA FIRM 350	\$19.96	4.00	
0005557710640	GATORADE CRY	\$9.48	1.00	G
0006082200045	VEGGIE CHICKEN BURGERS 300	\$5.89	1.00	
	Backup	\$848.83	1.00	

<u>Summary</u>	<u>Amount</u>	<u>Qty</u>
TOTAL SALES	\$848.83	1.00
Net Sales	\$835.27	118.00
Sales Non Taxable	\$677.97	101.00
Discountable Sales	\$835.27	118.00
Taxable 1	\$159.10	17.00
Tax 1	\$7.98	
Deposit	\$1.80	3.00
Environment fee	\$1.80	3.00
Freight weight	\$0.00	11.29
Coupon able	\$835.27	118.00
Admissible spending	\$552.81	92.00
Pos transaction backup	\$848.83	1.00
Pos suspended balance	\$848.83	1.00
Perpetual inventory current	-\$835.27	-118.00
BALANCE	\$0.00	



INVOICE

NO. 239614

DATE 07/22/2022

PAGE 1 of 1

SOLD TO
Archer Cathro
Suite 1016 , 510 West Hastings
Vancouver, BC V6B 1L8

SHIP TO
Archer Cathro
Suite 1016 , 510 West Hastings
Vancouver, BC V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
July 16	2	hrs	YXY-Pike/Warden Proptery-Mob in-YXY	G		1,385.00	2,770.00
	244	ltrs	Fuel	G		2.20	536.80
			PIKE/WARDEN PROJECT				
			G - GST - 5.0%				165.34
			GST				
			Terms: Net 30. Due 08/21/2022.				
Capital Helicopters GST: # 899587984 Your Business is Appreciated						TOTAL	3,472.14



Daily Flight Report 239614
2022-07-16

Capital Helicopters (1995) Inc.
25 Pilgrim Place
Suite 3
Whitehorse, Yukon Y1A 0M7
Canada
Phone 1-867-668-6200
info@capitalhelicopters.com

Sold To:
Archer Cathro
41 MacDonald Road
Whitehorse, Yukon Y1A 4R1
Canada
Attn: Liz Smith

Client Archer Cathro
Job Name Pike/Warden Project
Aircraft Ident C-GQHW
Aircraft Type Bell 206L
TDG no

Leg Description	Up Time	Down Time	Total
Leg #1 (3 Pax) Cyxy to Cyxy Initial camp move Fuel Quantity (L): 244 Fuel from: 1 Whitehorse	0815	1155	2.0
Billable Flight Report Hours		Total 2.0	

Flight Details
Move camp at pike warden property

Crew
PIC: Adam Fox

Passengers: 3

Passenger names: Sarah, Steve,

RFT/Contract #:

*** Flight Report Unsigned ***

Your business is appreciated

View all

Type : SALE Trs# : 56115
 Date : 2022-07-23 Invoice# : 00056022
 Time : 11:47:29 to 13:39:03 Term. : RIV-002
 Cashier : 114 - Mgr. - MATT POS comment : Show Trs#56043
 Customer : 10 - ARCHER CATHRO, *P. K. Warden*

Code	Ref	Description	Vnd	Amount	Wght	Qty	Flag
0006887502302		WET ONES ANTIBACTERIAL WIPES 40 EA		\$10.52		2.00	G
0006435931986		HONEY HAM 175		\$5.49		1.00	
0006435992386		SMOKED TURKEY BREAST 175		\$7.49		1.00	
0006340013871		14 GRAINS 600 G		\$3.79		1.00	
0006500011605		CARN HOT CHOC RICH		\$7.29		1.00	
0006672102659		OREO COOKIES		\$11.98		2.00	
0000000004799		TOMATOES HOT HOUSE		\$4.89	0.930	1.00	
0006872170444		DEMP SESAME SD BGL		\$8.98		2.00	
0072225212609		CLIF CHOC MACADAM		\$23.98		2.00	G
9999999990102		.Grocery [GST]		\$8.99		1.00	G
0002190842317		PEANUT BUTTER 240 GR		\$21.38		2.00	G
		Charge		\$118.02		1.00	

Summary	Amount	Qty
TOTAL SALES	\$118.02	1.00
Net Sales	\$114.78	16.00
Sales Non Taxable	\$49.91	9.00
Discountable Sales	\$114.78	16.00
Taxable 1	\$64.87	7.00
Tax 1	\$3.24	
Freight weight	\$0.00	0.93
Coupon able	\$114.78	16.00
Charge	\$118.02	1.00
Admissible spending	\$105.79	15.00
Customer balance current	\$118.02	1.00
Perpetual inventory current	-\$114.78	-16.00
BALANCE	\$0.00	



Suite 3 - 2500 10th Avenue, Whitehorse, Y.T. Y1A 0M7
Phone: (867) 668-6200
info@capitalhelicopters.com
www.capitalhelicopters.com

INVOICE

NO.

242174

DATE

07/31/2022

PAGE

1 of 1

SOLD
TO

Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, BC V6B 1L8

SHIP
TO

Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, BC V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
July 22	1.2	hrs	YXY-resupply camp and p/u 2 pax-YXY	G		1,385.00	1,662.00
	146.4	lters	fuel	G		2.20	322.08
July 25	2.0	hrs	YXY-demob camp-YXY	G		1,385.00	2,770.00
	244.0	lters	fuel	G		2.20	536.80
			PIKE/WARDEN PROJECT				
			G - GST - 5.0%				
			GST				264.54
			Terms: Net 30. Due 08/30/2022.				
Capital Helicopters GST: 899587984 Your Business is Appreciated						TOTAL	5,555.42

Pike/Warden



Daily Flight Report 242174
2022-07-22

Capital Helicopters (1985) Inc.
 25 Pilgrim Place
 Suite 3
 Whitehorse, Yukon Y1A 0M7
 Canada
 Phone 1-867-668-6200
 info@capitalhelicopters.com

Sold To:
 Archer Cathro
 41 MacDonald Road
 Whitehorse, Yukon Y1A 4R1
 Canada
 Attn: Liz Smith

Client Archer Cathro
 Job Name Pike/Warden Project
 Aircraft Ident C-GQHW
 Aircraft Type Bell 206L
 TOG no

Leg Description	Up Time	Down Time	Total
Leg #1	1540	1725	1.2
(2 Pax) Cyxy to Cyxy			
Resupply camp and extract two pax			
Fuel Quantity (L): 146.4			
Fuel from: 1 Whitehorse			
Billable Flight Report Hours			Total 1.2

Flight Details

Crew
 PIC: Adam Fox
 Passengers: 2
 Passenger names: Greg sarah
 RFT/Contract #:

*** Flight Report Unsigned ***

Your business is appreciated



Daily Flight Report 243067
2022-07-25

Capital Helicopters (1995) Inc.
25 Pilgrim Place
Suite 3
Whitehorse, Yukon Y1A 0M7
Canada
Phone 1-867-668-6200
info@capitalhelicopters.com

Sold To:
Archer Cathro
41 MacDonald Road
Whitehorse, Yukon Y1A 4R1
Canada
Attn: Liz Smith

Client Archer Cathro
Job Name Pike/Warden Project
Aircraft Ident C-GQHW
Aircraft Type Bell 206L
TDG no

Leg Description	Up Time	Down Time	Total
Leg #1	0800	1017	2.0
(2 Pax) Cyxy to Cyxy			
Demobe pike warden camp			
Fuel Quantity (L): 244			
Fuel from: 1 Whitehorse			
Billable Flight Report Hours		Total 2.0	

Flight Details
Demobe pike warden camp

Crew
PIC: Adam Fox

Passengers: 0

Passenger names: Steve.

RFT/Contract #:

*** Flight Report Unsigned ***

Your business is appreciated



Booking Reference: **3JGRWA**

Date of issue: 17 Jun, 2022

This is your official itinerary/receipt. You must bring it with you to the airport for check-in and we recommend you keep a copy for your records. Please also take the time to review it as it contains the general conditions of carriage and applicable tariffs that apply to the tickets, bookings and air services detailed below, as well as baggage, dangerous goods and other important information related to your trip.

Data Protection Notice: Your personal data will be processed in accordance with the applicable carrier's privacy policy and, if your booking is made via a reservation system provider ("GDS"), with its privacy policy. These are available at the IATA Travel Centre website or from the carrier or GDS directly. You should read this documentation, which applies to your booking and specifies, for example, how your personal data is collected, stored, used, disclosed and transferred. We also invite you to view Air Canada's Privacy Policy directly.

Ensure you are in compliance with the entry requirements of your destination. For the latest information on entry requirements, our flexible booking policy, or our health and safety measures visit our Travel Ready hub.

IMPORTANT:

- **Travelling/returning to Canada:** You are required to upload your proof of vaccination, submit your contact information and travel details, and complete a COVID-19 "self-assessment" a maximum of 24 hours before arrival through the ArriveCAN app. No proof of a negative pre-departure COVID-19 test result or quarantine is required for vaccinated travellers.
- **All destinations:** Make sure to consult our entry and testing requirements page prior to travel.



Economy - Standard

Saturday
23 Jul, 2022

06:00
Whitehorse
(YXY),
Yukon



08:17
Vancouver
Vancouver Int. (YVR),
Terminal M


AC276

2hr17
Operated by: Air Canada | 737 MAX 8
Food for purchase on board, Breakfast

 **AC276** This flight departs early in the morning.

Saturday
23 Jul, 2022

10:05
Vancouver
Vancouver Int. (YVR),
Terminal M



17:32
Toronto
Toronto-Pearson Int. (YYZ),
Terminal 1


AC110

4hr27
Operated by: Air Canada | 777-200LR
Food for purchase on board, Meal

Passengers

 **John Gregory Collins**

Ticket number
0142154498982

Air Canada - Aeroplan
540440716

Seats
AC276 -
AC110 -

Pike/Warden

Purchase summary

subject to the GST/HST. The GST and the QST are included in change and cancellation fees charged in relation to flights within Canada originating in Quebec which are subject to the QST and the GST. The GST is included in change and cancellation fees charged in relation to flights originating in Canada with a destination in the United States (except Hawaii) which are subject to the GST. If you require a receipt with a tax breakdown, please contact Air Canada Reservations.

	Air transportation charges	
	Base fare	438.00
	Taxes, Fees and Charges	
	Harmonized Sales Tax - Canada - 100092287 RT0001	56.84
	Subtotal	494.84
	Change Fee	Waived
	John Gregory Collins (ADT)	0.00
	Taxes, Fees and Charges	
	Subtotal	0.00
	Travel Options	0.00
	Seat selection	0.00
	TOTAL CHARGES	\$494.84



Check-in and boarding gate deadlines

Within Canada

90

minutes

When to arrive at the airport

You should arrive no later than the time indicated at left. This will ensure you have plenty of time to check in, drop off your checked bags and pass through security.

45

minutes

Check-in and baggage drop-off deadline

You must have checked in, obtained your boarding pass and deposited all checked bags at the baggage drop-off counter before the end of the check-in period for your flight.

30

minutes

Boarding gate deadline

This is the latest you should be at the departure gate, ready for boarding.

15

minutes

Boarding gate closes

Arriving after this time will result in reassignment of any reserved seats, the cancellation of reservations, and/or ineligibility for denied boarding compensation.

From Toronto City Airport (YTZ) - Check-in and baggage drop-off deadline: 20 minutes.



Booking Reference: **3G8OCM**

Date of issue: 01 Jul, 2022

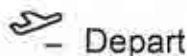
This is your official itinerary/receipt. You must bring it with you to the airport for check-in and we recommend you keep a copy for your records. Please also take the time to review it as it contains the general conditions of carriage and applicable tariffs that apply to the tickets, bookings and air services detailed below, as well as baggage, dangerous goods and other important information related to your trip.

Data Protection Notice: Your personal data will be processed in accordance with the applicable carrier's privacy policy and, if your booking is made via a reservation system provider ("GDS"), with its privacy policy. These are available at the IATA Travel Centre website or from the carrier or GDS directly. You should read this documentation, which applies to your booking and specifies, for example, how your personal data is collected, stored, used, disclosed and transferred. We also invite you to view Air Canada's Privacy Policy directly.

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IMPORTANT:

- **Travelling/returning to Canada:** You are required to upload your proof of vaccination, submit your contact information and travel details, and complete a COVID-19 "self-assessment" a maximum of 24 hours before arrival through the ArriveCAN app. No proof of a negative pre-departure COVID-19 test result or quarantine is required for vaccinated travellers.
- **All destinations:** Make sure to consult our entry and testing requirements page prior to travel.



Depart

Economy - Standard

Saturday
23 Jul, 2022

06:00
Whitehorse
(YXY)
Yukon



08:17
Vancouver
Vancouver Int. (YVR),
Terminal M


AC276

2hr17
Operated by: Air Canada | 737 MAX 8
Food for purchase on board, Breakfast

! AC276 This flight departs early in the morning.

Saturday
23 Jul, 2022

10:05
Vancouver
Vancouver Int. (YVR),
Terminal M



17:32
Toronto
Toronto-Pearson Int. (YYZ),
Terminal 1


AC110

4hr27
Operated by: Air Canada | 777-200LR
Food for purchase on board, Meal

Passengers

 **Sarah Frances Reese**

Ticket number
0142154498995

Seats
AC276 -
AC110 -

Pike/Ward

Purchase summary

subject to the GST/HST. The GST and the HST are included in change and cancellation fees charged in relation to flights within Canada originating in Quebec which are subject to the GST and the HST. The GST is included in change and cancellation fees charged in relation to flights originating in Canada with a destination in the United States (except Hawaii) which are subject to the GST. If you require a receipt with a tax breakdown, please contact Air Canada Reservations.

✈️ Air transportation charges	
Base fare	36.00
📄 Taxes, Fees and Charges	
Harmonized Sales Tax - Canada - 100092287 RT0001	4.88
Subtotal	40.88
Change Fee	Waived
Sench Frances Reese (ADT)	0.00
📄 Taxes, Fees and Charges	
Subtotal	0.00
🛫 Travel Options	0.00
🪑 Seat selection	0.00
TOTAL CHARGES	\$40.88



Check-in and boarding gate deadlines

Within Canada

90 minutes	When to arrive at the airport You should arrive no later than the time indicated at left. This will ensure you have plenty of time to check in, drop off your checked bags and pass through security.
45 minutes	Check-in and baggage drop-off deadline You must have checked in, obtained your boarding pass and deposited all checked bags at the baggage drop-off counter before the end of the check-in period for your flight.
30 minutes	Boarding gate deadline This is the latest you should be at the departure gate, ready for boarding.
15 minutes	Boarding gate closes Arriving after this time will result in reassignment of any reserved seats, the cancellation of reservations, and/or ineligibility for denied boarding compensation.

From Toronto City Airport (YTZ) - Check-in and baggage drop-off deadline: 20 minutes.



PORTER CREEK SUPER A

1406 CENTENNIAL STREET

WHITEHORSE, YT Y1A 3Z3

(867) 633-2265

GST# R897361473

#POR-004 07/22/2022 10:21:27 WENDY

Inv#:00094611 Trs#:094640

UNSWEETENED BLUEBERRIES \$6.99

Code: 0005731602880

BEEF JERKY ORIGINAL \$17.99

Code: 0001708270725

BEEF JERKY ORIGINAL \$17.99

Code: 0001708270725

** SALE ORIGINAL SAUSAGE BU \$3.99

Code: 0006340026082

Sale Discount: \$0.60

** SALE ORIGINAL SAUSAGE BU \$3.99

Code: 0006340026082

Sale Discount: \$0.60

Net Sales \$50.95

TOTAL SALES \$50.95

SUB TOTAL \$50.95

Visa \$50.95

*****4497

Item count 5

Temporary discount \$1.20

YOUR TOTAL SAVINGS \$1.20

----- TRANSACTION RECORD -----

Purchase

Jul 22, 2022 10:21:24

VISA *****4497

INVOICE # 094640

TID: 66345948

Sequence: 022 Batch: 032

Auth#: 051368 Response: 01-027

UID: 0RFFMV00YFF5550

Amount \$50.95

Total \$50.95

A0000000031010

SCOTIABANK VISA

TVR 0080008000 TSI F800

Approved - Thank You

Important: Retain this copy for your record

CARDHOLDER COPY

We Appreciate Your
Business
Thank You



INVOICE

146 Industrial Rd Whitehorse YT Y1A 2V1
Telephone: (867) 633-8820 Fax: (867) 633-8841

ARCHER CATHRO & ASSOCIATES
241 MACDONALD ROAD
MO1028
WHITEHORSE, YT Y1A4R1
Federal / Territory Tax ID:

PAGE: 1
ACCOUNT NO: 0004718
INVOICE: CL15206
DATE: 07/31/2022
DUE DATE: 08/30/2022

CARD ID	DATE	TIME	SITE	MISC	PROD	PRICE	QTY	F E T	YTG	CRB	GST	AMT
---------	------	------	------	------	------	-------	-----	-------	-----	-----	-----	-----

\$ 121.85 + GST

194700000059449	07/18/2022	11:27A	7 PORTER CREEK INFONET Pike Warden	DSL	2.098	52.737	2.11	3.80	7.07	5.27	110.64
194700000059453	07/25/2022	02:06P	7 PORTER CREEK INFONET Pike Warden	UNL	1.898	9.117	0.91	0.57	1.01	0.82	17.30

Thank You
Please
Come Again

Integra Fuel Centre
1903 Centennial Street
Whitehorse, YK
Y1A 2K1
CANADA

PIKE WARDEN

1947*****9449
N60
Trans : Purchase
Inv # : 9194266
Pump # : 8-Diesel
Vol : 52.737 L
Price/L: \$2.229
Total: \$117.55
Date: 07/16/22
Time: 11:27:42 AM
Fuel Includes:
GST(5%): \$5.60
Total : \$5.60

THANK YOU
Please
Come Again

Thank You
Please
Come Again

Integra Fuel Centre
1903 Centennial Street
Whitehorse, YK
Y1A 2T7
CANADA

1947*****9453
N60
Trans : Purchase
Inv # : 9196617
Pump # : 6-Regular
Vol : 9.117 L
Price/L : \$1.999
Total : \$18.22
Date : 07/25/22
Time : 2:06:40 PM
Fuel Includes:
GST(5%): \$0.87
Total : \$0.87

THANK YOU
Please
Come Again,

Pike/Warden

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
CHARGE-OUT

					PIRZ/WARDEN				
VEHICLES									
MAKE	UNIT #	DAILY	WEEKLY	MONTHLY	KMS	DAYS	WKS	MOS	KMS
2004 CHEVROLET SILVERADO 2500	CC 4	170.00		2,500.00	0.65	2			622
									\$ 514.30
									\$ 514.30
Field Gear, Room and Board									
Location		DAILY				DAYS	WKS	MOS	
	Whitehorse	180.00				4			\$ 720.00
	Camp	80.00				50			\$ 4,000.00
									\$ 4,720.00
TOTAL CHARGES									\$ 5,234.30



ARCHER CATHRO V6E 4A6

**ARCHER, CATHRO &
ASSOCIATES (1981) LTD.**

510-1100 Melville St.
Vancouver, B.C.

Invoice

Date	Invoice #
2022-09-30	9618

Bill To

PIKE/WARDEN PROPERTY
Transition Metals Corp.
9C-1351 Kelly Lake Road
Sudbury, ON
P3E 5P5

Billing Period

SEPTEMBER 2022

Budget Item	Description	Qty	Rate	Amount
	ARCHER, CATHRO SERVICES & SUPPLIES			
AC-07 Office ...	Level P6 - Partner day rate \$984.00	7.00	123.00	861.00T
AC-07 Office ...	Level F1 - Controller day rate \$872.00	0.50	109.00	54.50T
AC-05-1 Labour	Level W2 - Warehouse Manager day rate \$864.00	3.00	108.00	324.00T
	MANAGEMENT FEE			
AC-01 Manag...	Administration Fee	1,239.50	0.05	61.98T
	GST charged		5.00%	65.07
Payment due upon receipt of invoice. Interest charged at 2% per month on invoices over 30 days.				
	Subtotal			

CAD 1,301.48

GST No. 100247667

GST Total

CAD 65.07

Total Payable

CAD 1,366.55

Balance Due

CAD 1,366.55



**ARCHER, CATHRO &
ASSOCIATES (1981) LTD.**

510-1100 Melville St.
Vancouver, B.C.
V6E 4A8

Invoice

Date	Invoice #
2022-10-31	9704

Bill To

PIKE/WARDEN PROPERTY
Transition Metals Corp.
9C-1351 Kelly Lake Road
Sudbury, ON
P3E 5P5

Billing Period

OCTOBER 2022

Budget Item	Description	Qty	Rate	Amount
	NON-ARCHER, CATHRO SERVICES & SUPPLIES			
NA-02 Helicop...	North 60 Petro - Inv#CL23145	1.00	1,524.29	1,524.29T
NA-22 Camp F...	BNS Visa#7205 - Oct 15/22 Porter Creek	1.00	9.68	9.68T
	Super A - fld food			
NA-02 Helicop...	Capital Helicopters - Inv#273210	1.00	14,188.26	14,188.26T
NA-02 Helicop...	Capital Helicopters - Inv#273993	1.00	21,033.00	21,033.00T
NA-22 Camp F...	BNS Visa#7205 - Oct 31/22 - Mark's, field gear	1.00	66.96	66.96T
NA-22 Camp F...	BNS Visa#7205 - Oct 31/22 - Sports Experts, field gear	1.00	85.44	85.44T
NA-22 Camp F...	BNS Visa#7205 - Oct 31/22 - Superstore, camp grocery	1.00	88.99	88.99T
NA-02 Helicop...	North 60 Petro - Inv#CL24647	1.00	384.08	384.08T
	Total Expenses			37,380.70
	ARCHER, CATHRO SERVICES & SUPPLIES			
AC-07 Office ...	Level P6 - Partner day rate \$984.00	7.00	123.00	861.00T
AC-05-1 Labour	Level W2 - Warehouse Manager day rate \$864.00	18.00	108.00	1,944.00T
AC-07 Office ...	Level F1 - Controller day rate \$872.00	6.75	109.00	735.75T
AC-07 Office ...	Level A2 - Admin (Senior) day rate \$752.00	17.00	94.00	1,598.00T
AC-05-1 Labour	Level CL1 - General Labourer (Junior) day rate \$424.00	64.00	53.00	3,392.00T
AC-07 Office ...	Level P2 - Geologist (Junior II) day rate \$776.00	56.00	97.00	5,432.00T
Payment due upon receipt of invoice. Interest charged				
	Subtotal			

GST No. 100247667

GST Total

Total Payable

Balance Due



**ARCHER, CATHRO &
ASSOCIATES (1981) LTD.**

510-1100 Melville St.
Vancouver, B.C.

ARCHER CATHRO V6E 4A6

Invoice

Date	Invoice #
2022-10-31	9704

Bill To

PIKEWARDEN PROPERTY
Transition Metals Corp.
9C-1351 Kelly Lake Road
Sudbury, ON
P3E 5P5

Billing Period

OCTOBER 2022

Budget Item	Description	Qty	Rate	Amount
AC-05-1 Labour	Level P2 - Geologist (Junior II) day rate \$776.00	8.00	97.00	776.00T
	MANAGEMENT FEE			
AC-01 Manag...	Administration Fee	52,119.45	0.05	2,605.97T
AC-20 AC Mis...	FUEL DRUM (4 @ \$55.00 each)	4.00	55.00	220.00T
AC-16 Car/Va...	2012 GMC Sierra 3500HD Crew Cab CS1 (3 days @ \$150.00 per day)	3.00	150.00	450.00T
AC-16 Car/Va...	2012 GMC Sierra 3500HD Crew Cab CS1 VMileage (694 kms @ \$0.65 per km)	694.00	0.65	451.10T
AC-16 Car/Va...	2003 GMC Truck CS2 (1 day @ \$140.00 per day)	1.00	140.00	140.00T
AC-16 Car/Va...	2003 GMC Truck CS2 Mileage (261 kms @ \$0.65 per km)	261.00	0.65	169.65T
AC-11 AC Hou...	AC House-Room & Board (4 days @ \$180.00 per day)	4.00	180.00	720.00T
AC-10 Camp ...	AC Field Gear Rental (5 days @ \$40.00 per day)	5.00	40.00	200.00T
	GST charged		5.00%	2,853.81
Payment due upon receipt of invoice. Interest charged at 2% per month on invoices over 30 days.				
Subtotal				

CAD 57,076.17

GST No. 100247667

GST Total

CAD 2,853.81

Total Payable

CAD 59,929.98

Balance Due

CAD 59,929.98



INVOICE

146 Industrial Rd Whitehorse YT Y1A 2V1
Telephone: (867) 633-8820 Fax: (867) 633-8841

ARCHER CATHRO & ASSOCIATES
241 MACDONALD ROAD
MO1028
WHITEHORSE, YT Y1A4R1
Federal / Territory Tax ID:

PAGE: 1
ACCOUNT NO: 0004718
INVOICE: CL23145
DATE: 10/15/2022
DUE DATE: 11/14/2022

Pike Warden
1524.28

CARD ID	DATE	TIME	SITE	MISC	PROD	PRICE	QTY	FET	YTG	CRB	GST	AMT
1947000000059445	10/12/2022	06:48A	7 PORTER CREEK INFONET	Pike Warden	DSL	1.998	200.587	8.02	14.44	26.90	19.08	400.77
	10/12/2022	06:54A	7 PORTER CREEK INFONET	Pike Warden	DSL	1.998	200.342	8.01	14.42	26.87	19.06	400.28
	10/12/2022	07:01A	7 PORTER CREEK INFONET	Pike Warden	DSL	1.998	200.125	8.01	14.41	26.84	19.04	399.85
	10/12/2022	07:08A	7 PORTER CREEK INFONET	Pike Warden	DSL	1.998	200.000	8.00	14.40	26.82	19.03	399.80
	10/13/2022	06:48A	7 PORTER CREEK INFONET	AC	DSL	1.998	185.517	7.42	13.36	24.88	17.65	370.66
							986.571	39.46	71.03	132.31	93.86	1971.16
1947000000059446	10/08/2022	11:43A	7 PORTER CREEK INFONET	AC	UNL	1.858	66.535	6.65	4.13	7.35	5.89	123.62
							66.535	6.65	4.13	7.35	5.89	123.62
1947000000059449	10/03/2022	03:46P	7 PORTER CREEK INFONET	AC	PRM	1.908	81.952	8.20	5.08	9.06	7.45	156.36
	10/12/2022	03:28P	1 CHILKOOT INFONET	AC	UNL	1.958	83.035	8.30	5.15	9.18	7.74	162.58
							164.987	16.50	10.23	18.24	15.19	318.94

North 60 Petro Connect cards are accepted at all our refuelling sites including Petro Express and Petro 1 locations.

ALL INVOICES ARE PAYABLE IN FULL WITHIN 30 DAYS
* PLEASE PAY FROM THIS INVOICE *

INVOICE TOTALS: Quantity 1218.093 Amount Due 2,413.72

Tax Types:
FET - Federal Excise Taxes
YTG - Yukon Fuel Tax
CRB - Carbon Tax
GST - Goods and Service Tax

	QTY	FET	YTG	CRB	GST	AMT
SUMMARY BY CARD						
1947000000059445	986.571	39.46	71.03	132.31	93.86	1,971.16
1947000000059446	66.535	6.65	4.13	7.35	5.89	123.62
1947000000059449	164.987	16.50	10.23	18.24	15.19	318.94
	1,218.093	62.61	85.39	157.90	114.94	2,413.72

Thank You
Please
Come Again

Integra Fuel Centre
1903 Centennial Street
Whitehorse, YK
Y1A 2T7
CANADA

1947*****9445
H60
Trans : Purchase
Inv # : 9215377
Pump # : 8-Diesel
Vol : 200.000 L
Price/L: \$1.999
Total: \$399.80
Date: 10/12/22
Time: 7:08:16 AM
Fuel Includes:
GST(5%): \$19.04
Total : \$19.04

THANK YOU
Please
Come Again *Que/warzon.*

Thank You
Please
Come Again

Integra Fuel Centre-----
1903 Centennial Street
Whitehorse, YK
Y1A 2T7
CANADA

1947*****9445
N60
Trans : Purchase
Inv # : 9215375
Pump # : B-Diesel
Vol : 200.342 L
Price/L : \$1.999
Total : \$400.48
Date : 10/12/22
Time : 6:54:42 AM
Fuel Includes:
GST(5%): \$19.07
Total : \$19.07

THANK YOU-----
Please
Come Again *Refused*

Thank You
Please
Come Again

Integra Fuel Centre
1903 Centennial Street
Whitehorse, YK
Y1A 2T7
CANADA

1947*****9445
N60
Trans : Purchase
Inv # : 9215376
Puap # : 8-Diesel
Vol : 200.125 L
Price/L : \$1.999
Total : \$400.05
Date: 10/12/22
Time: 7:01:01 AM
Fuel Includes:
GST(5%): \$19.05
Total : \$19.05

THANK YOU
Please
Come Again *Prof/urean*

Thank You
Please
Come Again

Integra Fuel Centre
1903 Centennial Street
Whitehorse, YK
Y1A 2T7
CANADA

1947*****9445
N50
Trans : Purchase
Inv # : 9215374
Pump # : 8-Diesel
Vol : 200.587 L
Price/L : \$1.999
Total : \$400.97
Date : 10/12/22
Time : 6:48:08 AM
Fuel Includes:
GST(5%): \$19.09
Total : \$19.09

THANK YOU
Please
Come Again

Price / amount



PORTER CREEK SUPER A

1406 CENTENNIAL STREET
WHITEHORSE, VT V1A 3Z3
(867) 633-2265
GST# R897361473

#POR-003 10/13/2022 13:51:18 CYRUS
Inv#:00119955 Trs#:119993

RICE CAKE TOM BASIL	\$4.29
Code: 0005557710790	
WET ONES VIT. E & ALOE	\$5.39 G
Code: 0006887502301	

Net Sales	\$9.68
Tax 1 (\$5.39)	\$0.27
TOTAL SALES	\$9.95

SUB TOTAL	\$9.95
Visa	\$9.95
# *****7205	

Item count	2
------------	---

----- TRANSACTION RECORD -----

Purchase

Oct 13, 2022	13:51:15
VISA	*****7205
INVOICE #	119993
TID: 66345945	Entry: Chip (C)
Sequence: 010	Batch: 116
Auth#: 053413	Response: 01-027
UID: QRJPLXF4SETEPGC	

Amount	\$9.95
Total	\$9.95

A0000000031010

SCOTIABANK VISA

TVR 0080008000 ISI F800

Approved - Thank You

Important: Retain this copy for your record

CARDHOLDER COPY

We Appreciate Your
Business
Thank You

9.68



Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 0M7
Phone: (867) 668-6200
info@capitalhelicopters.com
www.capitalhelicopters.com

INVOICE

NO. 273210

DATE 10/18/2022

PAGE 1 of 1

SOLD
TO

Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, BC V6B 1L8

SHIP
TO

Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, BC V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
Oct 14	4.3	hrs	BELL 407	G		2,125.00	9,137.50
	860.0	litrs	YXY-drill move-YXY	G		2.20	1,892.00
			fuel				
Oct 16	1.1	hrs	BELL 206 JET RANGER	G		1,185.00	1,303.50
	125.4	litrs	YXY-Pike Warden Property-YXY	G		2.20	275.88
			fuel				
Oct 17	1.1	hrs	YXY-Pike Warden Property-YXY	G		1,185.00	1,303.50
	125.4	litrs	fuel	G		2.20	275.88
			G - GST - 5.0%				
			GST				709.42
			Terms: Net 30, Due 11/17/2022				
Capital Helicopters GST# 899587984 Your Business is Appreciated						TOTAL ♦	14,897.68

Pike/Warden



Daily Flight Report 273210
2022-10-14

Capital Helicopters (1995) Inc.
25 Pilgrim Place
Suite 3
Whitehorse, Yukon Y1A 0M7
Canada
Phone 1-867-668-6200
info@capitalhelicopters.com

Sold To:
Archer Cathro
41 MacDonald Road
Whitehorse, Yukon Y1A 4R1
Canada
Attn: Liz Smith

Client Archer Cathro
Job_Name Pike/Warden Project
Aircraft Ident C-GAVQ
Aircraft Type Bell 407
TDG Dangerous Goods Transported

Leg Description

Leg #1
(3 Pax) Whitehorse to Whitehorse

Fuel Quantity (L): 860
Fuel from: 1 Whitehorse

Billable Flight Report Hours

Up Time	Down Time	Total
---------	-----------	-------

0917	1717	4.3
------	------	-----

Total 4.3

Flight Details

Drill move

Crew

PIC: Melvin Lagersson

Passengers: 3

Passenger names: As per briefing

RFT/Contract #:

*** Flight Report Unsigned ***

Your business is appreciated



Daily Flight Report 273519
2022-10-16

Capital Helicopters (1995) Inc.
25 Pilgrim Place
Suite 3
Whitehorse, Yukon Y1A 0M7
Canada
Phone 1-867-668-6200
info@capitalhelicopters.com

Sold To:
Archer Cathro
41 MacDonald Road
Whitehorse, Yukon Y1A 4R1
Canada
Attn: Liz Smith

Client: Archer Cathro
Job_Name: Pike/Warden Project
Aircraft Ident: C-GAHF
Aircraft Type: Bell 206B
TDG: no

Flight Details

Crew
PIC: Adam Fox
Passengers: 2
Passenger names: Sarah
RFT/Contract #:

Leg Description	Up Time	Down Time	Total
Leg #1 (20 Pax) Cyxy to Cyxy	0900	1215	1.1
Fuel Quantity (L): 125.4 Fuel from: 1 Whitehorse			
Billable Flight Report Hours			Total 1.1

*** Flight Report Unsigned ***

Your business is appreciated



Daily Flight Report 273755
2022-10-17

Capital Helicopters (1995) Inc.
25 Pilgrim Place
Suite 3
Whitehorse, Yukon Y1A 0M7
Canada
Phone 1-867-668-6200
info@capitalhelicopters.com

Sold To:
Archer Cathro
41 MacDonald Road
Whitehorse, Yukon Y1A 4R1
Canada
Attn: Liz Smith

Client Archer Cathro
Job_Name Pike/Warden Project
Aircraft Ident C-GAHF
Aircraft Type Bell 206B
TDG no

Leg Description	Up Time	Down Time	Total
Leg #1 (2 Pax) Cyxy to Cyxy	1000	1100	1.1
Fuel Quantity (L): 125.4 Fuel from:: 1 Whitehorse			
Billable Flight Report Hours		Total 1.1	

Flight Details

Crew
PIC: Adam Fox
Passengers: 2
Passenger names: Sarah Melissa
RFT/Contract #:

*** Flight Report Unsigned ***

Your business is appreciated



Suite 3 - 25 Pilgrim Place, Whitehorse, Y.T. Y1A 0M7
Phone: (867) 668-6200
info@capitalhelicopters.com
www.capitalhelicopters.com

INVOICE

NO. 273993

DATE 10/29/2022

PAGE 1 of 1

SOLD TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, BC V6B 1L8

SHIP TO
Archer Cathro
Suite 1016, 510 West Hastings
Vancouver, BC V6B 1L8

ITEM NO.	QUANTITY	UNIT	DESCRIPTION	GST	PST	UNIT PRICE	AMOUNT
Oct 18	2.1	hrs	YXY-Pike camp-Pike staging-sling one load-bad weather-p/u James-YXY	G		2,125.00	4,462.50
	420.0	ltrs	fuel	G		2.20	924.00
Oct 20	3.1	hrs	YXY-Pike staging-drill demob-YXY	G		2,125.00	6,587.50
	620.0	ltrs	fuel	G		2.20	1,364.00
Oct 21	3.0	hrs	YXY-Pike staging-drill demob-YXY	G		2,125.00	6,375.00
	600.0	ltrs	fuel	G		2.20	1,320.00
			PIKE/WARDEN PROJECT				
			G - GST - 5.0%				
			GST				1,051.66
			Terms: Net 30. Due 11/28/2022.				
Capital Helicopters GST #899587984 Your Business is Appreciated						TOTAL	22,084.66

PIKE/WARDEN



Daily Flight Report 273993
2022-10-18

Capital Helicopters (1995) Inc.
25 Pilgrim Place
Suite 3
Whitehorse, Yukon Y1A 0M7
Canada
Phone 1-867-668-6200
info@capitalhelicopters.com

Sold To:
Archer Cathro
41 MacDonald Road
Whitehorse, Yukon Y1A 4R1
Canada
Attn: Liz Smith

Client Archer Cathro
Job_Name Pike/Warden Project
Aircraft Ident C-GAVQ
Aircraft Type Bell 407
TDG no

Leg Description	Up Time	Down Time	Total
Leg #1 (1 Pax) Yxy to Pike camp Fuel Quantity (L): 100 Fuel from:: 1 Whitehorse	0858	0925	0.5
Leg #2 (2 Pax) Pike camp to Pike stg Fuel Quantity (L): 40 Fuel from:: 1 Whitehorse	0944	0957	0.2
Leg #3 Pike stg to Pike stg Sling one load. Tried another but weather came in Fuel Quantity (L): 120 Fuel from:: 1 Whitehorse	1004	1037	0.6
Leg #4 (2 Pax) Pike stg to Pike stg Pick up James from mnt Fuel Quantity (L): 80 Fuel from:: 1 Whitehorse	1043	1108	0.4
Leg #5 (1 Pax) Pike stg to Yxy Fuel Quantity (L): 80 Fuel from:: 1 Whitehorse	1118	1138	0.4
Billable Flight Report Hours	Total 2.1		

Flight Details
Drill demobe- bad weather

Crew
PIC: Scott Smith

Passengers: 2

Passenger names: Sarah

RFT/Contract #:

*** Flight Report Unsigned ***

Your business is appreciated



Daily Flight Report 274552
2022-10-20

Capital Helicopters (1995) Inc.
25 Pilgrim Place
Suite 3
Whitehorse, Yukon Y1A 0M7
Canada
Phone 1-867-668-6200
info@capitalhelicopters.com

Sold To:
Archer Cathro
41 MacDonald Road
Whitehorse, Yukon Y1A 4R1
Canada
Attn: Liz Smith

Client Archer Cathro
Job Name Pike/Warden Project
Aircraft Ident C-GAVQ
Aircraft Type Bell 407
TDG no

Flight Details

Drill demobe

Crew

PIC: Scott Smith

Passengers: 1

Passenger names: Sarah

RFT/Contract #:

*** Flight Report Unsigned ***

Leg Description	Up Time	Down Time	Total
Leg #1 (1 Pax) Yxy to Pike stg	0822	0847	0.4
Fuel Quantity (L): Fuel from:: 1 Whitehorse			
Leg #2 (1 Pax) Pike stg to Pike camp	0850	0906	0.3
Fuel Quantity (L): Fuel from:: 1 Whitehorse			
Leg #3 Pike camp to Pike stg	0914	0923	0.1
Fuel Quantity (L): Fuel from:: 1 Whitehorse			
Leg #4 Pike stg to Pike stg Long line 2 loads long way around	0947	1042	0.9
Fuel Quantity (L): Fuel from:: 1 Whitehorse			
Leg #5 Pike stg to Pike stg Long line 1 load and pick up James	1051	1138	0.8
Fuel Quantity (L): Fuel from:: 1 Whitehorse			
Leg #6 Pike stg to Pike stg Recci drill. Bad weather	1255	1313	0.3
Fuel Quantity (L): Fuel from:: 1 Whitehorse			
Leg #7 (1 Pax) Pike stg to Yxy	1319	1336	0.3
Fuel Quantity (L): 620 Fuel from:: 1 Whitehorse			
Billable Flight Report Hours			Total 3.1

Your business is appreciated



Daily Flight Report 274783
2022-10-21

Capital Helicopters (1995) Inc.
25 Pilgrim Place
Suite 3
Whitehorse, Yukon Y1A 0M7
Canada
Phone 1-867-668-6200
info@capitalhelicopters.com

Sold To:
Archer Cathro
41 MacDonald Road
Whitehorse, Yukon Y1A 4R1
Canada
Attn: Liz Smith

Client Archer Cathro
Job_Name Pike/Warden Project
Aircraft Ident C-GAVQ
Aircraft Type Bell 407
TDG no

Leg Description	Up Time	Down Time	Total
Leg #1 (1 Pax) Yxy to Pike stg Fuel Quantity (L): Fuel from: 1 Whitehorse	0845	0908	0.4
Leg #2 (1 Pax) Pike stg to Pike camp Fuel Quantity (L): Fuel from: 1 Whitehorse	0909	0920	0.2
Leg #3 Pike camp to Pike stg Long line x4 Fuel Quantity (L): Fuel from: 1 Whitehorse	0924	1033	1.1
Leg #4 Pike stg to Pike stg Long line x2 Fuel Quantity (L): Fuel from: 1 Whitehorse	1042	1119	0.6
Leg #5 (2 Pax) Pike stg to Pike stg Melissa to drill. Pick up James Fuel Quantity (L): Fuel from: 1 Whitehorse	1121	1140	0.3
Leg #6 (1 Pax) Pike stg to Yxy Fuel Quantity (L): 600 Fuel from: 1 Whitehorse	1148	1209	0.4
Billable Flight Report Hours	Total 3.0		

Flight Details

Drill demobe

Crew

PIC: Scott Smith

Passengers: 1

Passenger names: Melissa

RFT/Contract #:

*** Flight Report Unsigned ***

Your business is appreciated

Mark's

Whitehorse
Chilkoot Hwy, Whitehorse, Yukon
Territory, Y1A 6T5

SALE

Date: 2022/10/13 13:36
Cashier: 3024114 Chona

410030167480
DAKOTA WORKPRO SERIES GLOVE LINER
Clr: Blue Sz: One Size
Qty: 1 Base Price: \$8.99
\$8.99 G

410030151113
DAKOTA WPS PVC DOUBLE DIPPED GAUNTLET
GLOVE
Clr: Blue Sz: Extra Large
Qty: 1 Base Price: \$21.99
\$21.99 G

400009817911
GRABBER 10PK HAND WARMER
Clr: ASSORTED Sz: No Size
Qty: 1 Base Price: \$17.99
\$17.99 G

400009817911
GRABBER 10PK HAND WARMER
Clr: ASSORTED Sz: No Size
Qty: 1 Base Price: \$17.99
\$17.99 G

Sub Total
GST 5.000%
Total
Payments
Visa

*PIKE
WARDEN*

\$66.96
\$3.33
\$70.31
\$70.31

TRANSACTION RECORD

TYPE	PURCHASE
ACCT	VISA
AMOUNT	\$70.31

CARD NUMBER *****7265
DATE/TIME 13 Oct 2022 16:36:47
REFERENCE # 663797970010010011 C
TERMINAL # 61930003
AUTH # 090381
SCOTIABANK VISA
A000000003100
0080008000 F-11

01 APPROVED - THANK YOU 027

*Important - retain this copy for your

Whitehorse, Yukon, Y1A 2B3
(867) 667-4495

SALE

Date: 2022/10/13 12:00
Cashier: 25051 Ashwinder S

25051 Ashwinder S
999902141161001 \$5.49 G
PRIMUS POWER GAS 100 GRAM POWE
N/A N/A
Qty: 1 Price: \$5.49

25051 Ashwinder S
902303739163001 \$16.99 G
N/A WESTCOAST PERSIAN BEAN BOW
N/A N/A
Qty: 1 Price: \$16.99

25051 Ashwinder S
902303763041001 \$15.99 G
ALPINEAIRE SHAKSHUKA DRY FOOD
N/A N/A
Qty: 1 Price: \$15.99

25051 Ashwinder S
902303665501001 \$10.99 G
N/A A.A Cheese Enchilada Ranch
N/A N/A
Qty: 1 Price: \$10.99

25051 Ashwinder S
902303800726001 \$17.99 G
N/A WESTCOAST VEGETARIAN PASTA
N/A N/A
Qty: 1 Price: \$17.99

25051 Ashwinder S
902303800726001 \$17.99 G
N/A WESTCOAST VEGETARIAN PASTA
N/A N/A
Qty: 1 Price: \$17.99

Sub total \$85.44
GST 5.0008 \$4.27

Total *PIKE WARDEN* \$89.71

Visa \$89.71

TRANSACTION RECORD

TYPE PURCHASE
ACCT VISA
AMOUNT \$89.71

CARD NUMBER *****7205
DATE/TIME 13 Oct 2022 15:00:50
REFERENCE # 664237310010010011 C
TERMINAL # 47700109
AUTH # 084016
SCOTIABANK VISA

THANK YOU FOR SHOPPING ACS
YOUR STORE MANAGER TOWARD
7000 10/13 Sales 821 05 1226 13:20

88 99



INVOICE

146 Industrial Rd Whitehorse YT Y1A 2V1
Telephone: (867) 633-8820 Fax: (867) 633-8841

ARCHER CATHRO & ASSOCIATES
241 MACDONALD ROAD
MO1028
WHITEHORSE, YT Y1A4R1
Federal / Territory Tax ID:

PAGE: 1
ACCOUNT NO: 0004718
INVOICE: CL24647
DATE: 10/31/2022
DUE DATE: 11/30/2022

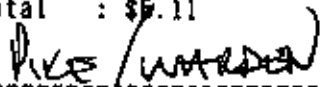
Pike/Warden
30+1

CARD ID	DATE	TIME	SITE	MISC	PROD	PRICE	QTY	F E T	YTG	CRB	GST	AMT
1947000000059445												
	10/18/2022	09:32A	7 PORTER CREEK INFONET	Pikewarden	DSL	2.198	55.825	2.23	4.02	7.49	5.84	122.70
	10/18/2022	12:42P	7 PORTER CREEK INFONET	Pikewarden	DSL	2.198	37.475	1.50	2.70	5.03	3.92	82.37
	10/18/2022	01:30P	7 PORTER CREEK INFONET	Pikewarden	DSL	2.198	33.107	1.32	2.38	4.44	3.47	72.77
	10/25/2022	09:34A	7 PORTER CREEK INFONET	Pikewarden	DSL	2.198	57.072	2.28	4.11	7.65	5.97	125.44

Thank You
Please
Come Again

Integra Fuel Centre-----
1903 Centennial Street
Whitehorse, YK
Y1A 2T7
CANADA

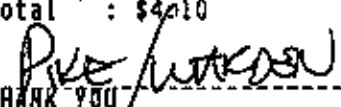
1947*****9445
N60
Trans : Purchase
Inv # : 9215583
Pump # : 8-Diesel
Vol : 55.825 L
Price/L: \$2.299
Total: \$128.34
Date: 10/18/22
Time: 9:32:25 AM
Fuel Includes:
GST(5%): \$6.11
Total : \$6.11


THANK YOU
Please
Come Again

Thank You
Please
Come Again

Integra Fuel Centre-----
1903 Centennial Street
Whitehorse, YK
Y1A 2T7
CANADA

1947*****9445
N60
Trans : Purchase
Inv # : 9216620
Pump # : 8-Diesel
Vol : 37.475 L
Price/L: \$2.299
Total: \$86.15
Date: 10/18/22
Time: 12:42:11 PM
Fuel Includes:
GST(5%): \$4.10
Total : \$42.10


THANK YOU
Please
Come Again

Thank You
Please
Come Again

Integra FUEL Centre-----
1903 Centennial Street
Whitehorse, YK
Y1A 2T7
CANADA

1947*****9445
X60
Trans : Purchase
Inv # : 9215529
Pump # : B-Diesel
Vol : 33.107 L
Price/L: \$2.299
Total: \$76.11
Date: 10/18/22
Time: 1:30:04 PM
Fuel includes:
GST(5%): \$3.62
Total : \$3.62

Mike Warden

THANK YOU-----
Please
Come Again

Thank You
Please
Come Again

Integra Fuel Centre-----
1903 Centennial Street
Whitehorse, YK
Y1A 2T7
CANADA

1947*****9445
860
Trans : Purchase
Inv # : 9217954
Pump # : 6-Diesel
Vol : 57.072 L
Price/L : \$2.299
Total : \$131.01
Date: 10/25/07
Time: 9:34:31 AM
Fuel Includes:
GST(5%): \$6.25
Total : \$6.25

THANK YOU
Please
Come Again

Dec 1/2008

ARCHER, CATHER & ASSOCIATES (1981) LIMITED
CHARGE-OUT

		FUEL STORAGE				PUMP WASHES			
	UNIT #	DAILY	WEEKLY	MONTHLY	OTHER	DRUMS			
FUEL DRUM	DRUM				55.00	8			\$ 220.00
									\$ 220.00
		VEHICLES							
	UNIT #	DAILY	WEEKLY	MONTHLY	KMS	DAYS	WKS	MOS	KMS
MAXI									
2012 GMC SIERRA 3500HD CREW CAB	CS 1	350.00	800.00	3,000.00	0.65	8		494	\$ 901.10
2003 GMC TRUCK	CS 2	140.00			0.65	1		263	\$ 309.65
									\$ 1,210.75
Field Gear, Room and Board									
Location		DAILY				DAYS	WKS	MOS	
	Whitehorse	180.00				4			\$ 720.00
	Field Gear Only	40.00				5			\$ 200.00
									\$ 920.00
		TOTAL CHARGES				\$ 3,350.75			



ARCHER CATHRO V8E 4A8

**ARCHER, CATHRO &
ASSOCIATES (1981) LTD.**510-1100 Melville St.
Vancouver, B.C.**Invoice**

Date	Invoice #
2022-11-30	9767

Bill ToPIKEWARDEN PROPERTY
Transition Metals Corp.
9C-1351 Kelly Lake Road
Sudbury, ON
P3E 5P5**Billing Period**

NOVEMBER 2022

Budget Item	Description	Qty	Rate	Amount
	ARCHER, CATHRO SERVICES & SUPPLIES			
AC-07 Office ...	Level A1 - Admin (Junior) day rate \$544.00	2.00	68.00	136.00T
AC-07 Office ...	Level P6 - Partner day rate \$984.00	2.00	123.00	246.00T
AC-07 Office ...	Level F1 - Controller day rate \$872.00	0.25	109.00	27.25T
	MANAGEMENT FEE			
AC-01 Manag...	Administration Fee	409.25	0.05	20.46T
	GST Charged		5.00%	21.49
Payment due upon receipt of invoice. Interest charged at 2% per month on invoices over 30 days.				
	Subtotal			

CAD 429.71**GST No. 100247667****GST Total****CAD 21.49****Total Payable****CAD 451.20****Balance Due****CAD 451.20**



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: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Page 1 of 1

INVOICE NUMBER 6205991

BILLING INFORMATION

Certificate: **WH22301869**
Sample Type: **Percussion**
Account: **TRAMET**
Date: **15-DEC-2022**
Project: **PIKE WARDEN**
P.O. No.:
Quote: **1026377**
Terms: **Net 30 Days** **C2**
Comments:

		ANALYSED FOR	UNIT	
QUANTITY	CODE	DESCRIPTION	PRICE	TOTAL
1	BAT-01	Administration Fee	39.56	39.56
141	PREP-31	Crush, Split, Pulverize	8.96	1,263.36
462.50	PREP-31	Weight Charge (kg) - Crush, Split, Pulverize	1.04	481.00
147	Au-ICP21	Au 30g FA ICP-AES Finish	20.30	2,984.10
147	ME-MS61	48 element four acid ICP-MS	36.86	5,418.42
7	Ag-OG62	Ore Grade Ag - Four Acid	3.02	21.14
13	ME-OG62	Ore Grade Elements - Four Acid	13.46	174.98
6	Pb-OG62	Ore Grade Pb - Four Acid	3.02	18.12
6	Zn-OG62	Ore Grade Zn - Four Acid	3.02	18.12
6	LOG-23	Pulp Login - Rcvd with Barcode	0.77	4.62

SUBTOTAL (CAD) \$ 10,423.42

R100938885 GST \$ 521.17

TOTAL PAYABLE (CAD) \$ 10,944.59

To: **TRANSITION METALS CORP.**
ATTN: BEN WILLIAMS
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
Bank: Royal Bank of Canada
SWIFT: ROYCCAT2
Address: Vancouver, BC, CAN
Account: 003-00010-1001098
Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7



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: **TRANSITION METALS CORP.**
9C - 1351 KELLY LAKE ROAD
SUDBURY ON P3E 5P5

INVOICE NUMBER 6051597

BILLING INFORMATION

Certificate: **WH22206418**
 Sample Type: **Rock**
 Account: **TRAMET**
 Date: **17-AUG-2022**
 Project: **Pike/Warden**
 P.O. No.:
 Quote:
 Terms: **Net 30 Days** **C1**
 Comments:

		ANALYSED FOR		UNIT	
QUANTITY	CODE	-	DESCRIPTION	PRICE	TOTAL
1	BAT-01		Administration Fee	39.56	39.56
104	PREP-31A		Crush, Split, Pulverize Rush Charges X 2.0	16.83	1,750.32
191.65	PREP-31A		Weight Charge (kg) - Crush, Split, Pulverize Rush Ch	2.07	396.72
105	Au-ICP21		Au 30g FA ICP-AES Finish Rush Charges X 2.0	40.59	4,261.95
2	Au-GRA21		Au 30g FA-GRAV finish Rush Charges X 2.0	50.31	100.62
105	ME-MS61		48 element four acid ICP-MS Rush Charges X 2.0	73.71	7,739.55
11	Ag-OG62		Ore Grade Ag - Four Acid Rush Charges X 2.0	6.03	66.33
17	ME-OG62		Ore Grade Elements - Four Acid Rush Charges X 2.0	26.91	457.47
2	Cu-OG62		Ore Grade Cu - Four Acid Rush Charges X 2.0	6.03	12.06
7	Pb-OG62		Ore Grade Pb - Four Acid Rush Charges X 2.0	6.03	42.21
1	LOG-23		Pulp Login - Rcvd with Barcode Rush Charges X 2.0	1.53	1.53

SUBTOTAL (CAD) \$ 14,868.32

R100938885 GST \$ 743.42

TOTAL PAYABLE (CAD) \$ 15,611.74

To: **TRANSITION METALS CORP.**
 ATTN: ACCOUNTS PAYABLE
 9C - 1351 KELLY LAKE ROAD
 SUDBURY ON P3E 5P5

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name: ALS Canada Ltd.
 Bank: Royal Bank of Canada
 SWIFT: ROYCCAT2
 Address: Vancouver, BC, CAN
 Account: 003-00010-1001098
 Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
 2103 Dollarton Hwy
 North Vancouver BC V7H 0A7

INVOICE



DATE: 2022-10-31
INVOICE #: 2022XTM002
CUSTOMER ID: XTM

BILL TO
Attn: Greg Collins
Transitions Metals Corp.
9C - 1351 Kelly Lake Rd.
Sudbury, ON; P3E-5P5

JOB

Pike Warden

PAYMENT TERMS

Due Upon Receipt

DESCRIPTION	QUANTITY	PRICE PER UNIT	AMOUNT
MOBILIZATION			
Whitehorse to Project Staging	4	\$250.00	\$1,000.00
Project Staging to Whitehorse	4	\$250.00	\$1,000.00
DRILLING COSTS			
Overburden - Casing (ft)	35	\$45.00	\$1,575.00
Rock Drilling (ft)	635	\$21.00	\$13,335.00
Drill Move Time (hr)	10	\$350.00	\$3,500.00
Setup and Tear Down (hr)	9.5	\$350.00	\$3,325.00
Rod Handling (hr)	2.5	\$350.00	\$875.00
Stand-By (hr)	23.5	\$300.00	\$7,050.00
CONSUMABLES			
Bit - Casing - Mitsu Pilot Advancer	0.02	\$4,750.00	\$95.00
Bit - Rock - Schramm 3.5"	2	\$975.00	\$1,950.00
Bit - Rock - Schramm Shroud	1	\$325.00	\$325.00
Hammer - Casing - COP44	0.02	\$6,690.00	\$133.80
Hammer - Rock - Schramm	0.13	\$10,530.00	\$1,368.90
Hammer - Rock - Sample Tube	2	\$335.00	\$670.00
Subs - RC Interchange	0.13	\$1,950.00	\$253.50
Pipe - PWT LH Casing Shoe	1	\$546.00	\$546.00
BOP Wiper Rubbers	2	\$60.00	\$120.00
Fluids - Hammer Oil - 19L	1	\$142.00	\$142.00
Fluids - Methyl Hydrate - 19L	2	\$75.00	\$150.00
CREW AND MISC CHARGES			
Crew Mob and Travel (hr)	12	\$125.00	\$1,500.00
Pickup Truck (2 trucks, per day)	6	\$300.00	\$1,800.00
Crew flights from BC to Whitehorse	1	\$985.25	\$985.25
Camp Rental	4	\$1,000.00	\$4,000.00

DESCRIPTION	QUANTITY	PRICE PER UNIT	AMOUNT
SUBTOTAL			\$45,699.45
GST @ 5% (753472711)			\$2,284.97
Less Deposit			-\$30,000.00
TOTAL			\$17,984.42

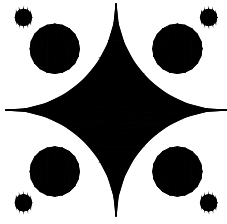
Make all checks payable to:

Subterra Exploration Ltd.

20 Bluebell Place, Whitehorse, YT, Y1A-5V1

(250)-215-2201, mmooney@subterraltd.ca

(604)-653-6037, cmooney@subterraltd.ca



G.Collins Geoscience Inc.

2577 Buckhorn Road
RR#1 Lakefield , Ontario
K0L 2H0
(705) 657-7874

INVOICE DATE: July 31, 2022

INVOICE # 0333

Attention: Transition Minerals Corp.
9C – 1351 Kelly Lake Road
Sudbury, Ontario
P3E 5P5

Invoice as per contract for services provided in July 2022.

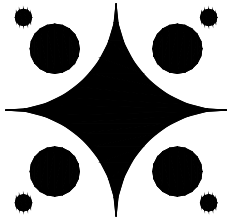
XTM July 2022 Invoice				
Project	Code	Charge	Mileage	HST
XTM - General and Admin PN-001	5225	\$ 1,875.00	\$ -	\$ 243.75
XTM - General and Admin PN-001	5265	\$ -	\$ 176.00	\$ 22.88
XTM - PGen PN-002	5225	\$ 625.00	\$ -	\$ 81.25
XTM - Pike Warden PN-078	5225	\$ 6,875.00	\$ -	\$ 893.75
XTM - Pike Warden PN-078	5265	\$ -	\$ 187.00	\$ 24.31
Totals		\$ 9,375.00	\$ 363.00	\$ 1,265.94
Total Payable:		\$11,003.94		

Breakdown of vehicle mileage charges:

		Mileage	km	x\$0.55
XTM	PN-081	July 14-23 Buckhorn - Toronto Apt Return	340	\$ 187.00
XTM	PN-001	July 27 - Buckhorn - Downtown Toronto	320	\$ 176.00
				\$ 363.00

We kindly request that this invoice be paid immediately, with **the cheque payable to G.Collins Geoscience Inc.** sent to the address provided above. Please refer to attached Spreadsheet for daily timesheet breakdown.

Thank You.
HST # 841210263



G.Collins Geoscience Inc.

2577 Buckhorn Road
RR#1 Lakefield , Ontario
K0L 2H0
(705) 657-7874

INVOICE DATE: August 31, 2022

INVOICE # 0335

Attention: Transition Minerals Corp.
9C – 1351 Kelly Lake Road
Sudbury, Ontario
P3E 5P5

Invoice as per contract for services provided in August 2022.

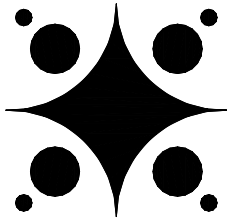
XTM August 2022 Invoice				
Project	Code	Charge	Mileage	HST
XTM - General and Admin PN-001	5225	\$ 7,500.00	\$ -	\$ 975.00
XTM - General and Admin PN-001	5265	\$ -	\$ 440.00	\$ 57.20
XTM - Pike Warden PN-078	5225	\$ 1,250.00	\$ -	\$ 162.50
XTM - Pike Warden PN-078	5265	\$ -	\$ 440.00	\$ 57.20
Totals		\$ 8,750.00	\$ 880.00	\$ 1,251.90
Total Payable:		\$10,881.90		

Breakdown of vehicle mileage charges:

		Mileage	km	x\$0.55
XTM	PN-001	Aug 11-12 Buckhorn - Sudbury Return	800	\$ 440.00
				\$ 440.00

We kindly request that this invoice be paid immediately, with **the cheque payable to G.Collins Geoscience Inc.** sent to the address provided above. Please refer to attached Spreadsheet for daily timesheet breakdown.

Thank You.
HST # 841210263



G.Collins Geoscience Inc.

2577 Buckhorn Road
RR#1 Lakefield , Ontario
K0L 2H0
(705) 657-7874

INVOICE DATE: September 30, 2022

INVOICE # 0337

Attention: Transition Minerals Corp.
9C – 1351 Kelly Lake Road
Sudbury, Ontario
P3E 5P5

Invoice as per contract for services provided in September 2022.

XTM September 2022 Invoice				
Project	Code	Charge	Mileage	HST
XTM - General and Admin PN-001	5225	\$ 7,500.00	\$ -	\$ 975.00
XTM - General and Admin PN-001	5265	\$ -	\$ 176.00	\$ 22.88
XTM - Pike Warden PN-078	5225	\$ 625.00	\$ -	\$ 81.25
Totals		\$ 8,125.00	\$ 176.00	\$ 1,079.13
Total Payable:		\$ 9,380.13		

Breakdown of vehicle mileage charges:

		Mileage	km	x\$0.55
XTM	PN-001	Sept 29 Toronto Return	320	\$ 176.00
				\$ 176.00

We kindly request that this invoice be paid immediately, with **the cheque payable to G.Collins Geoscience Inc.** sent to the address provided above. Please refer to attached Spreadsheet for daily timesheet breakdown.

Thank You.
HST # 841210263


 Booking Reference: **3G8OCM**

Date of issue: 01 Jul, 2022

This is your official itinerary/receipt. You must bring it with you to the airport for check-in and we recommend you keep a copy for your records. Please also take the time to review it as it contains the [general conditions of carriage and applicable tariffs](#) that apply to the tickets, bookings and air services detailed below, as well as baggage, dangerous goods and other important information related to your trip.

Data Protection Notice: Your personal data will be processed in accordance with the applicable carrier's privacy policy and, if your booking is made via a reservation system provider ("GDS"), with its privacy policy. These are available at the [IATA Travel Centre website](#) or from the carrier or GDS directly. You should read this documentation, which applies to your booking and specifies, for example, how your personal data is collected, stored, used, disclosed and transferred. We also invite you to view [Air Canada's Privacy Policy](#) directly.

Ensure you are in compliance with the entry requirements of your destination. For the latest information on entry requirements, our flexible booking policy, or our health and safety measures visit our [Travel Ready hub](#).

IMPORTANT:

- **Travelling/returning to Canada:** You are required to upload your proof of vaccination, submit your contact information and travel details, and complete a COVID-19 "self-assessment" a maximum of 24 hours before arrival through the [ArriveCAN app](#). No proof of a negative pre-departure COVID-19 test result or quarantine is required for vaccinated travellers.
- **All destinations:** Make sure to consult our [entry and testing requirements](#) page prior to travel.



Depart

Economy - Comfort

Thursday 14 Jul, 2022	09:55 Toronto Toronto-Pearson Int. (YYZ), Terminal 1		12:01 Edmonton Edmonton Int. (YEG), Alberta	 AC167	4hr06 Economy W Operated by: Air Canada A321-200 Wi-Fi Food for purchase on board
Thursday 14 Jul, 2022	13:55 Edmonton Edmonton Int. (YEG), Alberta		14:28 Vancouver Vancouver Int. (YVR), Terminal M	 AC237	1hr33 Economy W Operated by: Air Canada A320-200 Wi-Fi
Thursday 14 Jul, 2022	16:00 Vancouver Vancouver Int. (YVR), Terminal M		18:20 Whitehorse (YXY), Yukon	 AC8099	2hr20 Economy W Operated by: Air Canada Express - Jazz CRJ900 Wi-Fi Food for purchase on board



Return

Economy - Comfort

Wednesday 20 Jul, 2022	06:00 Whitehorse (YXY), Yukon		08:17 Vancouver Vancouver Int. (YVR), Terminal M	 AC276	2hr17 Economy W Operated by: Air Canada 737 MAX 8 Food for purchase on board
! AC276 This flight departs early in the morning.					
Wednesday 20 Jul, 2022	09:00 Vancouver Vancouver Int. (YVR), Terminal M		16:23 Toronto Toronto-Pearson Int. (YYZ), Terminal 1	 AC108	4hr23 Economy W Operated by: Air Canada 787-9 Wi-Fi Food for purchase on board

Passengers

 Sarah Frances Reese	Seats	
	AC167	20F
	AC237	24F
	AC8099	22F
	AC276	27F
Ticket number		AC108 39K
0142153554854		

Purchase summary

Visa		1 adult
*****1052		
Amount paid: \$1869.30		
Tax information		
GST/HST no. 10009-2287 RT0001 \$215.05		
 Air transportation charges		
Base fare - Depart Economy - Comfort		775.00
Base fare - Return Economy - Comfort		775.00
Carrier surcharges		60.00
 Taxes, fees and charges		
Air Travellers Security Charge - Canada		14.25
Harmonized Sales Tax - Canada - 100092287 RT0001		215.05
Airport Improvement Fee - Canada		30.00
Total before options (per passenger)		\$1869³⁰
GRAND TOTAL (Canadian dollars)		\$1869³⁰

Check-in and boarding gate deadlines

Within Canada	
90 minutes	When to arrive at the airport You should arrive no later than the time indicated at left. This will ensure you have plenty of time to check in, drop off your checked bags and pass through security.
45 minutes ¹	Check-in and baggage drop-off deadline You must have checked in, obtained your boarding pass and deposited all checked bags at the baggage drop-off counter before the end of the check-in period for your flight.
30 minutes	Boarding gate deadline This is the latest you should be at the departure gate, ready for boarding.
15 minutes	Boarding gate closes Arriving after this time will result in reassignment of any reserved seats, the cancellation of reservations, and/or ineligibility for denied boarding compensation.
From Toronto City Airport (YTZ) - Check-in and baggage drop-off deadline: 20 minutes.	



Baggage allowance

Carry-on baggage

On flights operated by Air Canada, Air Canada Rouge or Air Canada Express, you may carry with you in the cabin 1 standard item (max. size: 23 x 40 x 55 cm [9 x 15.5 x 21.5 in]) and 1 personal item (max. size: 16 x 33 x 43 cm [6 x 13 x 17 in]). Your carry-on baggage must be light enough that you can store it in the overhead bin unassisted. [See our complete carry-on baggage policy.](#)

Checked baggage

Please see below for details on the bags you plan on checking at the baggage counter.

Toronto (YYZ) > Whitehorse (YXY)		
 1st bag Complimentary	 2nd bag \$ 56.50 CAD Including taxes	Max. weight per bag: 23 kg (50 lb) Max. dimensions per bag: 158 cm (62 in)

Whitehorse (YXY) > Toronto (YYZ)		
 1st bag Complimentary	 2nd bag \$ 56.50 CAD Including taxes	Max. weight per bag: 23 kg (50 lb) Max. dimensions per bag: 158 cm (62 in)

* For travel within Canada or between Canada and the United States, a Canadian tax of \$3.00 CAD may apply to baggage fees. For travel between Canada or the United States and Mexico, the Dominican Republic and Barbados, an applicable local sales tax of \$4.00 CAD may apply to baggage fees. For all other itineraries to/from Mexico, the Dominican Republic and Barbados as well as itineraries to/from South America, an applicable local sales tax of \$21.00 CAD may apply to baggage fees. All above tax amounts are based on the maximum applicable tax amounts per itinerary type. Actual amounts may vary and will be charged in the currency used in your departure airport. Tax amounts are subject to change without notice by local government.

Currency

Fee amounts are displayed in the currency of the first departure city on your ticket. On the day of travel, applicable fees will be assessed in the local currency of the country/region you are travelling from. Certain exceptions may apply where the departure airport does not charge in local currency. The currency exchange rate will be determined by the date of travel.

Stopovers

Checked baggage fees may be reassessed when itineraries include an enroute stopover of more than 24 hours.

Note: If you **exceed your baggage allowance** (in number, size and/or weight), additional checked baggage charges will apply. The policy and fees will be those of the carrier identified in the checked baggage information section.

- View [Air Canada's additional checked baggage policy.](#)
- View the [additional checked baggage policy of Air Canada's codeshare and interline partners.](#)



Fare Rules

Economy - Comfort

Changes	Departing flight • Before departure of first flight - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules. - Changes are permitted without a fee, subject to availability. Any taxes and fare difference may apply. - The maximum change fee applied is \$0 CAD per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply. • After departure of first flight - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules. - Changes are permitted without a fee, subject to availability. Any taxes and fare difference may apply. - The maximum change fee applied is \$0 CAD per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply. • Flights can only be used in sequence from the place of departure specified on the itinerary. • Failure to show up for your flight (No Show) may result in a penalty. Please see the complete fare rules for details.
Cancellations	• Tickets are fully refundable but are non-transferable. • Partially used tickets may be submitted for a refund assessment. The refund will be calculated as follows: Actual fare paid minus the value of the portion of the journey that has been flown and minus the applicable fee. • Cancellations can be made up to 45 minutes prior to departure. Exception: Aeroplan flight rewards must be cancelled no later than 2 hours before departure. • Find out more about Air Canada's refund services.
Minimum stay	• There is no maximum or minimum day stay associated with this fare.
Maximum stay	• There is no maximum or minimum day stay associated with this fare.
Aeroplan	• 115% Aeroplan points • The equivalent in Status Qualifying Miles • For all flights operated by Air Canada, Air Canada Express and Air Canada Rouge

Economy - Comfort

Changes	Return flight • Before departure of first flight - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules. - Changes are permitted without a fee, subject to availability. Any taxes and fare difference may apply. - The maximum change fee applied is \$0 CAD per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply. • After departure of first flight - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules. - Changes are permitted without a fee, subject to availability. Any taxes and fare difference may apply. - The maximum change fee applied is \$0 CAD per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply. • Flights can only be used in sequence from the place of departure specified on the itinerary. • Failure to show up for your flight (No Show) may result in a penalty. Please see the complete fare rules for details.
Cancellations	• Tickets are fully refundable but are non-transferable. • Partially used tickets may be submitted for a refund assessment. The refund will be calculated as follows: Actual fare paid minus the value of the portion of the journey that has been flown and minus the applicable fee. • Cancellations can be made up to 45 minutes prior to departure. Exception: Aeroplan flight rewards must be cancelled no later than 2 hours before departure. • Find out more about Air Canada's refund services.
Minimum stay	• There is no maximum or minimum day stay associated with this fare.
Maximum stay	• There is no maximum or minimum day stay associated with this fare.
Aeroplan	• 115% Aeroplan points • The equivalent in Status Qualifying Miles • For all flights operated by Air Canada, Air Canada Express and Air Canada Rouge

Please notify us immediately if you do not plan on taking your scheduled flight(s). If you are unable to change or cancel your booking online, you can reach Air Canada Reservations at 1-888-247-2262 (view [international and other numbers](#)). If you do not show up for your flight, the rest of your itinerary will automatically be cancelled.

Disclaimer: The fare rules displayed above are for adult passengers only. Different rules may apply for children and infant passengers.

General conditions of carriage

1. You must obtain your boarding pass and check in any baggage by the check-in deadline. Additionally, you must be available for boarding at the boarding gate by the boarding gate deadline. Failure to respect check-in and boarding gate deadlines may result in the reassignment of any pre-reserved seats, the cancellation of reservations, and/or ineligibility for denied boarding compensation.
2. Although reconfirmation of flights is not required, we strongly recommend that you check your flight status online at aircanada.com or by calling our flight information system at 1-888-422-7533 prior to your departure.
3. Advance seat assignments are not guaranteed and may change without notice. If your pre-assigned seat is unavailable, we will try to accommodate you in a comparable seat in the same class of service and will refund any applicable fees.
4. Any travel credit banked for unused tickets is non-transferable: when the credit is redeemed, it must be used by the same person whose name appears on the original ticket.
5. Air Canada will cancel any purchased ticket and provide a full refund without penalty up to 24 hours after purchase. Beyond 24 hours, voluntary changes to your itinerary may require the payment of additional fees and fare upgrades. If you are travelling on a non-refundable ticket, Air Canada will be unable to make exceptions in the event of an unexpected trip cancellation or medical emergency. We recommend the purchase of travel insurance.
6. **Dangerous goods**

For safety reasons, dangerous goods must not be packed in checked or carry-on baggage, except as specifically permitted. Dangerous goods include, but are not limited to: compressed gases, corrosives, explosives, flammable liquids and solids, radioactive materials, oxidizing materials, poisons, infectious substances, and briefcases with installed alarm devices. For security reasons, other restrictions may apply. Please refer to the Restricted and Prohibited Items page on our website for more information.

7. Subject to the provisions of the Montreal Convention and the Warsaw Convention, as well as the provisions of its applicable tariffs, Air Canada may refuse carriage of property in checked luggage that is not suitable for transportation, such as fragile or perishable items and may refuse to carry valuable items (a valuable is deemed to be any item whose value is \$ 1,000 CAD or more, per Kilogram or \$1 CAD per gram). Air Canada may refuse claims based on the inherent nature of an item (e.g. its perishable nature), or for loss or delay of unsuitably or inadequately packed items, to the extent that the destruction, loss or damages resulted from the inherent defect, quality or vice of the baggage, or, in the case of delay, that the carrier, its agents, and servants took all measures that could reasonably be required to avoid the damage, or that it was impossible to take such measures.
8. **International travel**

Governments may require your carrier to provide information on or permit access to passenger data. You cannot travel if you do not have all required travel documents, such as a passport and visa (where applicable), to enter in or transit through each country/region on your itinerary. Please refer to the [Travel Documents](#) page on our website for more information.

9. **In-flight health**

Most people are fit to travel by air, but special attention is required for passengers whose health problems may be exacerbated by altitude, travel stress, hypoxia and other travel related difficulties. Our website offers important health tips and information for customers with special needs who may require medical approval before flying.

Please also note that aircraft disinsection is carried out on certain routes, in compliance with the requirements of the World Health Organization (WHO), the International Civil Aviation Organization, Transport Canada and applicable foreign regulatory authorities. More information is available on our website.

10. **Schedules and timetables**

Time and aircraft type shown in timetables or elsewhere are approximate and not guaranteed, and form no part of the contract. Schedules are subject to change without notice and carrier assumes no responsibility for passenger making connections not included as part of the itinerary set out in the ticket. Carrier is not responsible for changes, errors or omissions either in timetables or other representations of schedules.

11. **Overbooking notice**

Airline flights may be overbooked, and there is a slight chance that a seat will not be available on a flight for which a person has a confirmed reservation. If the flight is overbooked, no one will be denied a seat until airline personnel first ask for volunteers willing to give up their reservation in exchange for a payment of the airline's choosing. If there are not enough volunteers, the airline will deny boarding to other persons in accordance with its particular boarding priority. With few exceptions, persons denied boarding involuntarily are entitled to compensation. The complete rules for the payment of compensation and boarding priorities are available at all airport ticket counters and boarding locations.

NOTICE - SOLD SUBJECT TO APPLICABLE TARIFFS

Air Passenger Protection Regulations Notice:

If you are denied boarding, your flight is cancelled or delayed for at least two hours, or your baggage is lost or damaged, you may be entitled to certain standards of treatment and compensation under the *Air Passenger Protection Regulation*. For more information about your passenger rights please contact your air carrier or visit the Canadian Transportation Agency's website.

General terms and conditions pertaining to flight delays, cancellations, denied boarding, seating of children and lost or damaged baggage can be found in Air Canada's [General Conditions of Carriage and Tariffs](#).


 Booking Reference: **3JGRWA**

Date of issue: 17 Jun, 2022

This is your official itinerary/receipt. You must bring it with you to the airport for check-in and we recommend you keep a copy for your records. Please also take the time to review it as it contains the [general conditions of carriage and applicable tariffs](#) that apply to the tickets, bookings and air services detailed below, as well as baggage, dangerous goods and other important information related to your trip.

Data Protection Notice: Your personal data will be processed in accordance with the applicable carrier's privacy policy and, if your booking is made via a reservation system provider ("GDS"), with its privacy policy. These are available at the [IATA Travel Centre website](#) or from the carrier or GDS directly. You should read this documentation, which applies to your booking and specifies, for example, how your personal data is collected, stored, used, disclosed and transferred. We also invite you to view [Air Canada's Privacy Policy](#) directly.

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- **Travelling/returning to Canada:** You are required to upload your proof of vaccination, submit your contact information and travel details, and complete a COVID-19 "self-assessment" a maximum of 24 hours before arrival through the [ArriveCAN app](#). No proof of a negative pre-departure COVID-19 test result or quarantine is required for vaccinated travellers.
- **All destinations:** Make sure to consult our [entry and testing requirements](#) page prior to travel.



Depart

Economy - Flex

Thursday 14 Jul, 2022	09:55 Toronto Toronto-Pearson Int. (YYZ), Terminal 1		12:01 Edmonton Edmonton Int. (YEG), Alberta	 AC167	4hr06 Economy S Operated by: Air Canada A321-200  Wi-Fi Food for purchase on board
Thursday 14 Jul, 2022	13:55 Edmonton Edmonton Int. (YEG), Alberta		14:28 Vancouver Vancouver Int. (YVR), Terminal M	 AC237	1hr33 Economy S Operated by: Air Canada A320-200  Wi-Fi
Thursday 14 Jul, 2022	16:00 Vancouver Vancouver Int. (YVR), Terminal M		18:20 Whitehorse (YXY), Yukon	 AC8099	2hr20 Economy S Operated by: Air Canada Express - Jazz CRJ900  Wi-Fi Food for purchase on board



Return

Economy - Standard

Wednesday 20 Jul, 2022	06:00 Whitehorse (YXY), Yukon		08:17 Vancouver Vancouver Int. (YVR), Terminal M	 AC276	2hr17 Economy K Operated by: Air Canada 737 MAX 8 Food for purchase on board
! AC276 This flight departs early in the morning.					
Wednesday 20 Jul, 2022	09:00 Vancouver Vancouver Int. (YVR), Terminal M		16:23 Toronto Toronto-Pearson Int. (YYZ), Terminal 1	 AC108	4hr23 Economy K Operated by: Air Canada 787-9  Wi-Fi Food for purchase on board

Passengers

	John Gregory Collins		Seats
	Ticket number		AC167 38D
	0142152698148		AC237 28D
	Air Canada - Aeroplan		AC8099 25D
	540440716		AC276 -
			AC108 -

Purchase summary

Visa *****0903 Amount paid: \$1227.46 Tax information GST/HST no. 10009-2287 RT0001 \$141.21		1 adult
 Air transportation charges		
Base fare - Depart Economy - Flex		609.00
Base fare - Return Economy - Standard		373.00
Carrier surcharges		60.00
 Taxes, fees and charges		
Air Travellers Security Charge - Canada		14.25
Harmonized Sales Tax - Canada - 100092287 RT0001		141.21
Airport Improvement Fee - Canada		30.00
Total before options (per passenger)		\$1227 ⁴⁶
GRAND TOTAL (Canadian dollars)		\$1227⁴⁶

Check-in and boarding gate deadlines

Within Canada		
90 minutes	When to arrive at the airport You should arrive no later than the time indicated at left. This will ensure you have plenty of time to check in, drop off your checked bags and pass through security.	
45 minutes ¹	Check-in and baggage drop-off deadline You must have checked in, obtained your boarding pass and deposited all checked bags at the baggage drop-off counter before the end of the check-in period for your flight.	
30 minutes	Boarding gate deadline This is the latest you should be at the departure gate, ready for boarding.	
15 minutes	Boarding gate closes Arriving after this time will result in reassignment of any reserved seats, the cancellation of reservations, and/or ineligibility for denied boarding compensation.	

From Toronto City Airport (YTZ) - Check-in and baggage drop-off deadline: 20 minutes.



Baggage allowance

Carry-on baggage

On flights operated by Air Canada, Air Canada Rouge or Air Canada Express, you may carry with you in the cabin 1 standard item (max. size: 23 x 40 x 55 cm [9 x 15.5 x 21.5 in]) and 1 personal item (max. size: 16 x 33 x 43 cm [6 x 13 x 17 in]). Your carry-on baggage must be light enough that you can store it in the overhead bin unassisted. [See our complete carry-on baggage policy.](#)

Checked baggage

Please see below for details on the bags you plan on checking at the baggage counter.

Toronto (YYZ) > Whitehorse (YXY)		
 1st bag Complimentary	 2nd bag \$ 56.50 CAD Including taxes	Max. weight per bag: 23 kg (50 lb) Max. dimensions per bag: 158 cm (62 in)

Whitehorse (YXY) > Toronto (YYZ)		
 1st bag \$ 33.90 CAD Including taxes	 2nd bag \$ 56.50 CAD Including taxes	Max. weight per bag: 23 kg (50 lb) Max. dimensions per bag: 158 cm (62 in)

* For travel within Canada or between Canada and the United States, a Canadian tax of \$3.00 CAD may apply to baggage fees. For travel between Canada or the United States and Mexico, the Dominican Republic and Barbados, an applicable local sales tax of \$4.00 CAD may apply to baggage fees. For all other itineraries to/from Mexico, the Dominican Republic and Barbados as well as itineraries to/from South America, an applicable local sales tax of \$21.00 CAD may apply to baggage fees. All above tax amounts are based on the maximum applicable tax amounts per itinerary type. Actual amounts may vary and will be charged in the currency used in your departure airport. Tax amounts are subject to change without notice by local government.

Currency

Fee amounts are displayed in the currency of the first departure city on your ticket. On the day of travel, applicable fees will be assessed in the local currency of the country/region you are travelling from. Certain exceptions may apply where the departure airport does not charge in local currency. The currency exchange rate will be determined by the date of travel.

Stopovers

Checked baggage fees may be reassessed when itineraries include an enroute stopover of more than 24 hours.

Baggage Allowance for Aeroplan Elite Status and Star Alliance Members

The baggage allowance displayed below applies when you check your bags with Air Canada, Air Canada Express (flights operated by Jazz) or Air Canada Rouge. Please make sure your Aeroplan Elite Status level is valid at check-in.

	Economy Class	Premium Economy	Business Class
Aeroplan Super Elite, 75K, 50K and 35K	3 bags 32 kg (70 lb)	3 bags 32 kg (70 lb)	3 bags 32 kg (70 lb)
Aeroplan 25K	2 bags 23 kg (50 lb)	2 bags 23 kg (50 lb)	2 bags 32 kg (70 lb)
Star Alliance Gold	1 extra bag 23 kg (50 lb)	1 extra bag 23 kg (50 lb)	1 extra bag 32 kg (70 lb)

Note: If you **exceed your baggage allowance** (in number, size and/or weight), additional checked baggage charges will apply. The policy and fees will be those of the carrier identified in the checked baggage information section.

- View [Air Canada's additional checked baggage policy.](#)
- View the [additional checked baggage policy of Air Canada's codeshare and interline partners.](#)



Fare Rules

Economy - Flex

Changes

Departing flight

- **Before departure of first flight**
 - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules.
 - Penalty fee for ticket reissue between **\$0 CAD - \$50 CAD**
 - The maximum change fee applied is **\$150 CAD** per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply.
- **After departure of first flight**
 - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules.
 - Penalty fee for ticket reissue between **\$0 CAD - \$50 CAD**
 - The maximum change fee applied is **\$150 CAD** per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply.
- Flights can only be used in sequence from the place of departure specified on the itinerary.
- Failure to show up for your flight (No Show) may result in a penalty. Please see the complete fare rules for details.

Cancellations

- Tickets are **non-refundable** and are **non-transferable**.
- **Partially used tickets** may be submitted for a refund assessment. The refund will be calculated as follows: Actual fare paid minus the value of the portion of the journey that has been flown and minus the applicable fee.
- **Cancellations** can be made up to 45 minutes prior to departure. **Exception:** Aeroplan flight rewards must be cancelled no later than 2 hours before departure.
- Find out more about [Air Canada's refund services](#).

Minimum stay

- There is no maximum or minimum day stay associated with this fare.

Maximum stay

- There is no maximum or minimum day stay associated with this fare.

Aeroplan

- 100% Aeroplan points
- The equivalent in Status Qualifying Miles
- For all flights operated by Air Canada, Air Canada Express and Air Canada Rouge

Economy - Standard

Changes

Return flight

- **Before departure of first flight**
 - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules.
 - Penalty fee for ticket reissue between **\$0 CAD - \$100 CAD**
 - The maximum change fee applied is **\$150 CAD** per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply.
- **After departure of first flight**
 - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules.
 - Penalty fee for ticket reissue between **\$0 CAD - \$100 CAD**
 - The maximum change fee applied is **\$150 CAD** per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply.
- Flights can only be used in sequence from the place of departure specified on the itinerary.
- Failure to show up for your flight (No Show) may result in a penalty. Please see the complete fare rules for details.

Cancellations

- Tickets are **non-refundable** and are **non-transferable**.
- **Partially used tickets** may be submitted for a refund assessment. The refund will be calculated as follows: Actual fare paid minus the value of the portion of the journey that has been flown and minus the applicable fee.
- **Cancellations** can be made up to 45 minutes prior to departure. **Exception:** Aeroplan flight rewards must be cancelled no later than 2 hours before departure.
- Find out more about [Air Canada's refund services](#).

Minimum stay

- There is no maximum or minimum day stay associated with this fare.

Maximum stay

- There is no maximum or minimum day stay associated with this fare.

Aeroplan

- Earn 25% Aeroplan points and 50% Status Qualifying Miles for flights within Canada
- Earn 50% Aeroplan points and the equivalent in Status Qualifying Miles for flights between Canada and the U.S.
- Applies to all flights operated by Air Canada, Air Canada Express and Air Canada Rouge

Please notify us immediately if you do not plan on taking your scheduled flight(s). If you are unable to change or cancel your booking online, you can reach Air Canada Reservations at 1-888-247-2262 (view [international and other numbers](#)). If you do not show up for your flight, the rest of your itinerary will automatically be cancelled.

Disclaimer: The fare rules displayed above are for adult passengers only. Different rules may apply for children and infant passengers.

General conditions of carriage

1. You must obtain your boarding pass and check in any baggage by the check-in deadline. Additionally, you must be available for boarding at the boarding gate by the boarding gate deadline. Failure to respect check-in and boarding gate deadlines may result in the reassignment of any pre-reserved seats, the cancellation of reservations, and/or ineligibility for denied boarding compensation.
2. Although reconfirmation of flights is not required, we strongly recommend that you check your flight status online at aircanada.com or by calling our flight information system at 1-888-422-7533 prior to your departure.
3. Advance seat assignments are not guaranteed and may change without notice. If your pre-assigned seat is unavailable, we will try to accommodate you in a comparable seat in the same class of service and will refund any applicable fees.
4. Any travel credit banked for unused tickets is non-transferable: when the credit is redeemed, it must be used by the same person whose name appears on the original ticket.
5. Air Canada will cancel any purchased ticket and provide a full refund without penalty up to 24 hours after purchase. Beyond 24 hours, voluntary changes to your itinerary may require the payment of additional fees and fare upgrades. If you are travelling on a non-refundable ticket, Air Canada will be unable to make exceptions in the event of an unexpected trip cancellation or medical emergency. We recommend the purchase of travel insurance.
6. **Dangerous goods**

For safety reasons, dangerous goods must not be packed in checked or carry-on baggage, except as specifically permitted. Dangerous goods include, but are not limited to: compressed gases, corrosives, explosives, flammable liquids and solids, radioactive materials, oxidizing materials, poisons, infectious substances, and briefcases with installed alarm devices. For security reasons, other restrictions may apply. Please refer to the Restricted and Prohibited Items page on our website for more information.

7. Subject to the provisions of the Montreal Convention and the Warsaw Convention, as well as the provisions of its applicable tariffs, Air Canada may refuse carriage of property in checked luggage that is not suitable for transportation, such as fragile or perishable items and may refuse to carry valuable items (a valuable is deemed to be any item whose value is \$ 1,000 CAD or more, per Kilogram or \$1 CAD per gram). Air Canada may refuse claims based on the inherent nature of an item (e.g. its perishable nature), or for loss or delay of unsuitably or inadequately packed items, to the extent that the destruction, loss or damages resulted from the inherent defect, quality or vice of the baggage, or, in the case of delay, that the carrier, its agents, and servants took all measures that could reasonably be required to avoid the damage, or that it was impossible to take such measures.
8. **International travel**

Governments may require your carrier to provide information on or permit access to passenger data. You cannot travel if you do not have all required travel documents, such as a passport and visa (where applicable), to enter in or transit through each country/region on your itinerary. Please refer to the [Travel Documents](#) page on our website for more information.

9. **In-flight health**

Most people are fit to travel by air, but special attention is required for passengers whose health problems may be exacerbated by altitude, travel stress, hypoxia and other travel related difficulties. Our website offers important health tips and information for customers with special needs who may require medical approval before flying.

Please also note that aircraft disinsection is carried out on certain routes, in compliance with the requirements of the World Health Organization (WHO), the International Civil Aviation Organization, Transport Canada and applicable foreign regulatory authorities. More information is available on our website.

10. **Schedules and timetables**

Time and aircraft type shown in timetables or elsewhere are approximate and not guaranteed, and form no part of the contract. Schedules are subject to change without notice and carrier assumes no responsibility for passenger making connections not included as part of the itinerary set out in the ticket. Carrier is not responsible for changes, errors or omissions either in timetables or other representations of schedules.

11. **Overbooking notice**

Airline flights may be overbooked, and there is a slight chance that a seat will not be available on a flight for which a person has a confirmed reservation. If the flight is overbooked, no one will be denied a seat until airline personnel first ask for volunteers willing to give up their reservation in exchange for a payment of the airline's choosing. If there are not enough volunteers, the airline will deny boarding to other persons in accordance with its particular boarding priority. With few exceptions, persons denied boarding involuntarily are entitled to compensation. The complete rules for the payment of compensation and boarding priorities are available at all airport ticket counters and boarding locations.

NOTICE - SOLD SUBJECT TO APPLICABLE TARIFFS

Air Passenger Protection Regulations Notice:

If you are denied boarding, your flight is cancelled or delayed for at least two hours, or your baggage is lost or damaged, you may be entitled to certain standards of treatment and compensation under the *Air Passenger Protection Regulation*. For more information about your passenger rights please contact your air carrier or visit the Canadian Transportation Agency's website.

General terms and conditions pertaining to flight delays, cancellations, denied boarding, seating of children and lost or damaged baggage can be found in Air Canada's [General Conditions of Carriage and Tariffs](#).



Booking Reference: **45FE7R**

Date of issue: 03 Oct, 2022

This is your official itinerary/receipt. You must bring it with you to the airport for check-in and we recommend you keep a copy for your records. Please also take the time to review it as it contains the [general conditions of carriage](#) and [applicable tariffs](#) that apply to the tickets, bookings and air services detailed below, as well as baggage, dangerous goods and other important information related to your trip.

Data Protection Notice: Your personal data will be processed in accordance with the applicable carrier's privacy policy and, if your booking is made via a reservation system provider ("GDS"), with its privacy policy. These are available at the [IATA Travel Centre website](#) or from the carrier or GDS directly. You should read this documentation, which applies to your booking and specifies, for example, how your personal data is collected, stored, used, disclosed and transferred. We also invite you to view [Air Canada's Privacy Policy](#) directly.

Ensure you are in compliance with the entry requirements of your destination. For the latest information on entry requirements, our flexible booking policy, or our health and safety measures visit our [Travel Ready hub](#).

IMPORTANT:

- **Travelling/returning to Canada:** You are required to upload your proof of vaccination, submit your contact information and travel details, and complete a COVID-19 "self-assessment" a maximum of 24 hours before arrival through the [ArriveCAN app](#). No proof of a negative pre-departure COVID-19 test result or quarantine is required for vaccinated travellers.
- **All destinations:** Make sure to consult our [entry and testing requirements](#) page prior to travel.



Depart

Economy - Comfort

Thursday
20 Oct, 2022

06:00
Whitehorse
(YXY),
Yukon



08:29
Vancouver
Vancouver Int. (YVR),
Terminal M


AC276

2hr29
Economy S
Operated by: Air Canada | **737 MAX 8**
Food for purchase on board

 AC276 This flight departs early in the morning.

Thursday
20 Oct, 2022

11:05
Vancouver
Vancouver Int. (YVR),
Terminal M



18:28
Toronto
Toronto-Pearson Int. (YYZ),
Terminal 1


AC112

4hr23
Economy S
Operated by: Air Canada | **787-8** | 
Wi-Fi
Food for purchase on board

Passengers



Sarah Frances Reese

Seats

Ticket number
0142158513391

AC276 17A
AC112 29A



Purchase summary

Visa *****1052 Amount paid: \$725.68 Tax information GST no. 10009-2287 RT0001 \$34.56	1 adult
Flights	
Air transportation charges	
Base fare Economy - Comfort	654.00
Carrier surcharges	30.00
Taxes, fees and charges	
Air Travellers Security Charge - Canada	7.12
Goods and Services Tax - Canada - 100092287 RT0001	34.56
Total before options (per passenger)	\$725 ⁶⁸
GRAND TOTAL (Canadian dollars)	\$725⁶⁸



Check-in and boarding gate deadlines

Within Canada

90

minutes

When to arrive at the airport

You should arrive no later than the time indicated at left. This will ensure you have plenty of time to check in, drop off your checked bags and pass through security.

45

minutes¹

Check-in and baggage drop-off deadline

You must have checked in, obtained your boarding pass and deposited all checked bags at the baggage drop-off counter before the end of the check-in period for your flight.

30

minutes

Boarding gate deadline

This is the latest you should be at the departure gate, ready for boarding.

15

minutes

Boarding gate closes

Arriving after this time will result in reassignment of any reserved seats, the cancellation of reservations, and/or ineligibility for denied boarding compensation.

From Toronto City Airport (YTZ) - Check-in and baggage drop-off deadline: 20 minutes.



Baggage allowance

Carry-on baggage

On flights operated by Air Canada, Air Canada Rouge or Air Canada Express, you may carry with you in the cabin 1 standard item (max. size: 23 x 40 x 55 cm [9 x 15.5 x 21.5 in]) and 1 personal item (max. size: 16 x 33 x 43 cm [6 x 13 x 17 in]). Your carry-on baggage must be light enough that you can store it in the overhead bin unassisted. [See our complete carry-on baggage policy.](#)

Checked baggage

Please see below for details on the bags you plan on checking at the baggage counter.

Whitehorse (YXY) > Toronto (YYZ)		
 1st bag Complimentary	 2nd bag \$ 52.50 CAD Including taxes	Max. weight per bag: 23 kg (50 lb) Max. dimensions per bag: 158 cm (62 in)

* For travel within Canada or between Canada and the United States, a Canadian tax of \$3.00 CAD may apply to baggage fees. For travel between Canada or the United States and Mexico, the Dominican Republic and Barbados, an applicable local sales tax of \$4.00 CAD may apply to baggage fees. For all other itineraries to/from Mexico, the Dominican Republic and Barbados as well as itineraries to/from South America, an applicable local sales tax of \$21.00 CAD may apply to baggage fees. All above tax amounts are based on the maximum applicable tax amounts per itinerary type. Actual amounts may vary and will be charged in the currency used in your departure airport. Tax amounts are subject to change without notice by local government.

Currency

Fee amounts are displayed in the currency of the first departure city on your ticket. On the day of travel, applicable fees will be assessed in the local currency of the country/region you are travelling from. Certain exceptions may apply where the departure airport does not charge in local currency. The currency exchange rate will be determined by the date of travel.

Stopovers

Checked baggage fees may be reassessed when itineraries include an enroute stopover of more than 24 hours.

Note: If you **exceed your baggage allowance** (in number, size and/or weight), additional checked baggage charges will apply. The policy and fees will be those of the carrier identified in the checked baggage information section.

- View [Air Canada's additional checked baggage policy.](#)
- View the [additional checked baggage policy of Air Canada's codeshare and interline partners.](#)



Fare Rules

Economy - Comfort

Changes	Departing flight • Before departure of first flight - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules. - Changes are permitted without a fee, subject to availability. Any taxes and fare difference may apply. - New travel dates must be prior to Tuesday, 03 Oct, 2023 - The maximum change fee applied is \$0 CAD per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply. • After departure of first flight - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules. - Changes are permitted without a fee, subject to availability. Any taxes and fare difference may apply. - New travel dates must be prior to Friday, 20 Oct, 2023 - The maximum change fee applied is \$0 CAD per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply. • Flights can only be used in sequence from the place of departure specified on the itinerary. • Failure to show up for your flight (No Show) may result in a penalty. Please see the complete fare rules for details.
Cancellations	• Tickets are fully refundable but are non-transferable. • Partially used tickets may be submitted for a refund assessment. The refund will be calculated as follows: Actual fare paid minus the value of the portion of the journey that has been flown and minus the applicable fee. • Cancellations can be made up to 45 minutes prior to departure. Exception: Aeroplan flight rewards must be cancelled no later than 2 hours before departure. • Find out more about Air Canada's refund services.
Minimum stay	• There is no maximum or minimum day stay associated with this fare.
Maximum stay	• There is no maximum or minimum day stay associated with this fare.
Aeroplan	• 115% Aeroplan points • The equivalent in Status Qualifying Miles • For all flights operated by Air Canada, Air Canada Express and Air Canada Rouge

Please notify us immediately if you do not plan on taking your scheduled flight(s). If you are unable to change or cancel your booking online, you can reach Air Canada Reservations at 1-888-247-2262 (view [international and other numbers](#)). If you do not show up for your flight, the rest of your itinerary will automatically be cancelled.

Disclaimer: The fare rules displayed above are for adult passengers only. Different rules may apply for children and infant passengers.

General conditions of carriage

1. You must obtain your boarding pass and check in any baggage by the check-in deadline. Additionally, you must be available for boarding at the boarding gate by the boarding gate deadline. Failure to respect check-in and boarding gate deadlines may result in the reassignment of any pre-reserved seats, the cancellation of reservations, and/or ineligibility for denied boarding compensation.
2. Although reconfirmation of flights is not required, we strongly recommend that you check your flight status online at aircanada.com or by calling our flight information system at 1-888-422-7533 prior to your departure.
3. Advance seat assignments are not guaranteed and may change without notice. If your pre-assigned seat is unavailable, we will try to accommodate you in a comparable seat in the same class of service and will refund any applicable fees.
4. Any travel credit banked for unused tickets is non-transferable: when the credit is redeemed, it must be used by the same person whose name appears on the original ticket.
5. Air Canada will cancel any purchased ticket and provide a full refund without penalty up to 24 hours after purchase. Beyond 24 hours, voluntary changes to your itinerary may require the payment of additional fees and fare upgrades. If you are travelling on a non-refundable ticket, Air Canada will be unable to make exceptions in the event of an unexpected trip cancellation or medical emergency. We recommend the purchase of travel insurance.
6. **Dangerous goods**

For safety reasons, dangerous goods must not be packed in checked or carry-on baggage, except as specifically permitted. Dangerous goods include, but are not limited to: compressed gases, corrosives, explosives, flammable liquids and solids, radioactive materials, oxidizing materials, poisons, infectious substances, and briefcases with installed alarm devices. For security reasons, other restrictions may apply. Please refer to the Restricted and Prohibited Items page on our website for more information.

7. Subject to the provisions of the Montreal Convention and the Warsaw Convention, as well as the provisions of its applicable tariffs, Air Canada may refuse carriage of property in checked luggage that is not suitable for transportation, such as fragile or perishable items and may refuse to carry valuable items (a valuable is deemed to be any item whose value is \$ 1,000 CAD or more, per Kilogram or \$1 CAD per gram). Air Canada may refuse claims based on the inherent nature of an item (e.g. its perishable nature), or for loss or delay of unsuitably or inadequately packed items, to the extent that the destruction, loss or damages resulted from the inherent defect, quality or vice of the baggage, or, in the case of delay, that the carrier, its agents, and servants took all measures that could reasonably be required to avoid the damage, or that it was impossible to take such measures.
8. **International travel**

Governments may require your carrier to provide information on or permit access to passenger data. You cannot travel if you do not have all required travel documents, such as a passport and visa (where applicable), to enter in or transit through each country/region on your itinerary. Please refer to the [Travel Documents](#) page on our website for more information.

9. **In-flight health**

Most people are fit to travel by air, but special attention is required for passengers whose health problems may be exacerbated by altitude, travel stress, hypoxia and other travel related difficulties. Our website offers important health tips and information for customers with special needs who may require medical approval before flying.

Please also note that aircraft disinsection is carried out on certain routes, in compliance with the requirements of the World Health Organization (WHO), the International Civil Aviation Organization, Transport Canada and applicable foreign regulatory authorities. More information is available on our website.

10. **Schedules and timetables**

Time and aircraft type shown in timetables or elsewhere are approximate and not guaranteed, and form no part of the contract. Schedules are subject to change without notice and carrier assumes no responsibility for passenger making connections not included as part of the itinerary set out in the ticket. Carrier is not responsible for changes, errors or omissions either in timetables or other representations of schedules.

11. **Overbooking notice**

Airline flights may be overbooked, and there is a slight chance that a seat will not be available on a flight for which a person has a confirmed reservation. If the flight is overbooked, no one will be denied a seat until airline personnel first ask for volunteers willing to give up their reservation in exchange for a payment of the airline's choosing. If there are not enough volunteers, the airline will deny boarding to other persons in accordance with its particular boarding priority. With few exceptions, persons denied boarding involuntarily are entitled to compensation. The complete rules for the payment of compensation and boarding priorities are available at all airport ticket counters and boarding locations.

NOTICE - SOLD SUBJECT TO APPLICABLE TARIFFS

Air Passenger Protection Regulations Notice:

If you are denied boarding, your flight is cancelled or delayed for at least three hours, or your baggage is lost or damaged, you may be entitled to certain standards of treatment and compensation under the *Air Passenger Protection Regulation*. For more information about your passenger rights please contact your air carrier or visit the Canadian Transportation Agency's website.

General terms and conditions pertaining to flight delays, cancellations, denied boarding, seating of children and lost or damaged baggage can be found in Air Canada's [General Conditions of Carriage and Tariffs](#).



Booking Reference: **45FE7R**

Date of issue: 03 Oct, 2022

This is your official itinerary/receipt. You must bring it with you to the airport for check-in and we recommend you keep a copy for your records. Please also take the time to review it as it contains the [general conditions of carriage](#) and [applicable tariffs](#) that apply to the tickets, bookings and air services detailed below, as well as baggage, dangerous goods and other important information related to your trip.

Data Protection Notice: Your personal data will be processed in accordance with the applicable carrier's privacy policy and, if your booking is made via a reservation system provider ("GDS"), with its privacy policy. These are available at the [IATA Travel Centre website](#) or from the carrier or GDS directly. You should read this documentation, which applies to your booking and specifies, for example, how your personal data is collected, stored, used, disclosed and transferred. We also invite you to view [Air Canada's Privacy Policy](#) directly.

Ensure you are in compliance with the entry requirements of your destination. For the latest information on entry requirements, our flexible booking policy, or our health and safety measures visit our [Travel Ready hub](#).

 Depart

Economy - Comfort

Friday 21 Oct, 2022	06:00 Whitehorse (YXY), Yukon		08:29 Vancouver Vancouver Int. (YVR), Terminal M	 AC276	2hr29 Economy U Operated by: Air Canada 737 MAX 8 Food for purchase on board, Breakfast
! AC276 This flight departs early in the morning.					
Friday 21 Oct, 2022	10:45 Vancouver Vancouver Int. (YVR), Terminal M		18:08 Toronto Toronto-Pearson Int. (YYZ), Terminal 1	 AC110	4hr23 Economy U Operated by: Air Canada 787-9  Wi-Fi Food for purchase on board, Meal

Passengers

 Sarah Frances Reese	Seats
Ticket number	AC276 15F
0142159583564	AC110 44A

Purchase summary

Your additional charges

The GST/HST is included in change and cancellation fees charged in relation to Canadian domestic flights which are subject to the GST/HST. The GST and the QST are included in change and cancellation fees charged in relation to flights within Canada originating in Quebec which are subject to the GST and the QST. The GST is included in change and cancellation fees charged in relation to flights originating in Canada with a destination in the United States (except Hawaii) which are subject to the GST. If you require a receipt with a tax breakdown, please contact [Air Canada Reservations](#).

Your additional charges

1 adult

 Air transportation charges	
Base fare	358.00
 Taxes, fees and charges	
Goods and Services Tax - Canada - 100092287 RT0001	17.90
Subtotal	375.90
Change Fee	0.00
Sarah Frances Reese (ADT)	0.00
 Taxes, fees and charges	
Subtotal	0.00
 Travel Options	0.00
 Seat selection	0.00
TOTAL CHARGES	\$375⁹⁰



Check-in and boarding gate deadlines

Within Canada

90

minutes

When to arrive at the airport

You should arrive no later than the time indicated at left. This will ensure you have plenty of time to check in, drop off your checked bags and pass through security.

45

minutes¹

Check-in and baggage drop-off deadline

You must have checked in, obtained your boarding pass and deposited all checked bags at the baggage drop-off counter before the end of the check-in period for your flight.

30

minutes

Boarding gate deadline

This is the latest you should be at the departure gate, ready for boarding.

15

minutes

Boarding gate closes

Arriving after this time will result in reassignment of any reserved seats, the cancellation of reservations, and/or ineligibility for denied boarding compensation.

From Toronto City Airport (YTZ) - Check-in and baggage drop-off deadline: 20 minutes.



Baggage allowance

Carry-on baggage

On flights operated by Air Canada, Air Canada Rouge or Air Canada Express, you may carry with you in the cabin 1 standard item (max. size: 23 x 40 x 55 cm [9 x 15.5 x 21.5 in]) and 1 personal item (max. size: 16 x 33 x 43 cm [6 x 13 x 17 in]). Your carry-on baggage must be light enough that you can store it in the overhead bin unassisted. [See our complete carry-on baggage policy.](#)

Checked baggage

Please see below for details on the bags you plan on checking at the baggage counter.

Whitehorse (YXY) > Toronto (YYZ)



1st bag

Complimentary



2nd bag

\$ 52.50 CAD

Including taxes

Max. weight per bag:
23 kg (50 lb)

Max. dimensions per bag:
158 cm (62 in)

* For travel within Canada or between Canada and the United States, a Canadian tax of \$3.00 CAD may apply to baggage fees. For travel between Canada or the United States and Mexico, the Dominican Republic and Barbados, an applicable local sales tax of \$4.00 CAD may apply to baggage fees. For all other itineraries to/from Mexico, the Dominican Republic and Barbados as well as itineraries to/from South America, an applicable local sales tax of \$21.00 CAD may apply to baggage fees. All above tax amounts are based on the maximum applicable tax amounts per itinerary type. Actual amounts may vary and will be charged in the currency used in your departure airport. Tax amounts are subject to change without notice by local government.

Currency

Fee amounts are displayed in the currency of the first departure city on your ticket. On the day of travel, applicable fees will be assessed in the local currency of the country/region you are travelling from. Certain exceptions may apply where the departure airport does not charge in local currency. The currency exchange rate will be determined by the date of travel.

Stopovers

Checked baggage fees may be reassessed when itineraries include an enroute stopover of more than 24 hours.

Note: If you **exceed your baggage allowance** (in number, size and/or weight), additional checked baggage charges will apply. The policy and fees will be those of the carrier identified in the checked baggage information section.

- View [Air Canada's additional checked baggage policy.](#)
- View the [additional checked baggage policy of Air Canada's codeshare and interline partners.](#)



Fare Rules

Economy - Comfort

Changes	Departing flight • Before departure of first flight - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules. - Changes are permitted without a fee, subject to availability. Any taxes and fare difference may apply. - New travel dates must be prior to Thursday, 19 Oct, 2023 - The maximum change fee applied is \$0 CAD per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply. • After departure of first flight - Ticket reissue is allowed but may be subject to certain restrictions. Please refer to the link above for complete fare rules. - Changes are permitted without a fee, subject to availability. Any taxes and fare difference may apply. - New travel dates must be prior to Saturday, 21 Oct, 2023 - The maximum change fee applied is \$0 CAD per direction, per passenger, plus any applicable taxes and fare difference. Child/Infant discounts may apply. • Flights can only be used in sequence from the place of departure specified on the itinerary. • Failure to show up for your flight (No Show) may result in a penalty. Please see the complete fare rules for details.
Cancellations	• Tickets are fully refundable but are non-transferable. • Partially used tickets may be submitted for a refund assessment. The refund will be calculated as follows: Actual fare paid minus the value of the portion of the journey that has been flown and minus the applicable fee. • Cancellations can be made up to 45 minutes prior to departure. Exception: Aeroplan flight rewards must be cancelled no later than 2 hours before departure. • Find out more about Air Canada's refund services.
Minimum stay	• There is no maximum or minimum day stay associated with this fare.
Maximum stay	• There is no maximum or minimum day stay associated with this fare.
Aeroplan	See how many Aeroplan points you will earn on your Air Canada operated flight based on your fare type and Aeroplan Elite Status.

Please notify us immediately if you do not plan on taking your scheduled flight(s). If you are unable to change or cancel your booking online, you can reach Air Canada Reservations at 1-888-247-2262 (view [international and other numbers](#)). If you do not show up for your flight, the rest of your itinerary will automatically be cancelled.

Disclaimer: The fare rules displayed above are for adult passengers only. Different rules may apply for children and infant passengers.

! General conditions of carriage

1. You must obtain your boarding pass and check in any baggage by the check-in deadline. Additionally, you must be available for boarding at the boarding gate by the boarding gate deadline. Failure to respect check-in and boarding gate deadlines may result in the reassignment of any pre-reserved seats, the cancellation of reservations, and/or ineligibility for denied boarding compensation.
2. Although reconfirmation of flights is not required, we strongly recommend that you check your flight status online at aircanada.com or by calling our flight information system at 1-888-422-7533 prior to your departure.
3. Advance seat assignments are not guaranteed and may change without notice. If your pre-assigned seat is unavailable, we will try to accommodate you in a comparable seat in the same class of service and will refund any applicable fees.
4. Any travel credit banked for unused tickets is non-transferable: when the credit is redeemed, it must be used by the same person whose name appears on the original ticket.
5. Air Canada will cancel any purchased ticket and provide a full refund without penalty up to 24 hours after purchase. Beyond 24 hours, voluntary changes to your itinerary may require the payment of additional fees and fare upgrades. If you are travelling on a non-refundable ticket, Air Canada will be unable to make exceptions in the event of an unexpected trip cancellation or medical emergency. We recommend the purchase of travel insurance.
6. **Dangerous goods**

For safety reasons, dangerous goods must not be packed in checked or carry-on baggage, except as specifically permitted. Dangerous goods include, but are not limited to: compressed gases, corrosives, explosives, flammable liquids and solids, radioactive materials, oxidizing materials, poisons, infectious substances, and briefcases with installed alarm devices. For security reasons, other restrictions may apply. Please refer to the Restricted and Prohibited Items page on our website for more information.

7. Subject to the provisions of the Montreal Convention and the Warsaw Convention, as well as the provisions of its applicable tariffs, Air Canada may refuse carriage of property in checked luggage that is not suitable for transportation, such as fragile or perishable items and may refuse to carry valuable items (a valuable is deemed to be any item whose value is \$ 1,000 CAD or more, per Kilogram or \$1 CAD per gram). Air Canada may refuse claims based on the inherent nature of an item (e.g. its perishable nature), or for loss or delay of unsuitably or inadequately packed items, to the extent that the destruction, loss or damages resulted from the inherent defect, quality or vice of the baggage, or, in the case of delay, that the carrier, its agents, and servants took all measures that could reasonably be required to avoid the damage, or that it was impossible to take such measures.
8. **International travel**

Governments may require your carrier to provide information on or permit access to passenger data. You cannot travel if you do not have all required travel documents, such as a passport and visa (where applicable), to enter in or transit through each country/region on your itinerary. Please refer to the [Travel Documents](#) page on our website for more information.

9. **In-flight health**

Most people are fit to travel by air, but special attention is required for passengers whose health problems may be exacerbated by altitude, travel stress, hypoxia and other travel related difficulties. Our website offers important health tips and information for customers with special needs who may require medical approval before flying.

Please also note that aircraft disinsection is carried out on certain routes, in compliance with the requirements of the World Health Organization (WHO), the International Civil Aviation Organization, Transport Canada and applicable foreign regulatory authorities. More information is available on our website.

10. **Schedules and timetables**

Time and aircraft type shown in timetables or elsewhere are approximate and not guaranteed, and form no part of the contract. Schedules are subject to change without notice and carrier assumes no responsibility for passenger making connections not included as part of the itinerary set out in the ticket. Carrier is not responsible for changes, errors or omissions either in timetables or other representations of schedules.

11. **Overbooking notice**

Airline flights may be overbooked, and there is a slight chance that a seat will not be available on a flight for which a person has a confirmed reservation. If the flight is overbooked, no one will be denied a seat until airline personnel first ask for volunteers willing to give up their reservation in exchange for a payment of the airline's choosing. If there are not enough volunteers, the airline will deny boarding to other persons in accordance with its particular boarding priority. With few exceptions, persons denied boarding involuntarily are entitled to compensation. The complete rules for the payment of compensation and boarding priorities are available at all airport ticket counters and boarding locations.

NOTICE - SOLD SUBJECT TO APPLICABLE TARIFFS

! Air Passenger Protection Regulations Notice:

If you are denied boarding, your flight is cancelled or delayed for at least three hours, or your baggage is lost or damaged, you may be entitled to certain standards of treatment and compensation under the *Air Passenger Protection Regulation*. For more information about your passenger rights please contact your air carrier or visit the Canadian Transportation Agency's website.

General terms and conditions pertaining to flight delays, cancellations, denied boarding, seating of children and lost or damaged baggage can be found in Air Canada's [General Conditions of Carriage and Tariffs](#).

Sarah Reese

From: Sarah Reese <sarahreese190@gmail.com>
Sent: October 3, 2022 9:08 AM
To: Sarah Reese
Subject: Fwd: Air North, Yukon's Airline-Confirmation 22352858

Follow Up Flag: Follow up
Flag Status: Completed

Begin forwarded message:

From: confirmation@flyairnorth.com
Date: October 1, 2022 at 08:54:43 EDT
To: sarahreese190@gmail.com
Subject: Air North, Yukon's Airline-Confirmation 22352858
Reply-To: confirmation@flyairnorth.com

Your Air North, Yukon's Airline Itinerary

Thank you for booking with us!

Your itinerary number is **22352858**.

Passenger ID Number: HD9ETCL6
Address: 30 LALLIEN DRIVE BOND HEAD, ON L0G1B0 CAN
Booked: October 01, 2022
Booked By: P67.69.69.186

Friday October 07, 2022 › Flight 4N834 - Toronto to Whitehorse

Departs 10:20AM › Arrives 2:40PM › Stops 1 › Boeing 737

SARAH FRANCES REESE

Seat 19F

Confirmed

Warning

While we do everything possible to provide the most accurate flight status information, please verify your flight's status at least 24 hours prior to departure at www.flyairnorth.com. Air North, Yukon's Airline is not liable for non-delivery of flight schedule change messaging.

Purchase Summary

Total Fare	677.00
Carrier Surcharge	30.00
Air Travellers Security Charge	7.12
Airport Improvement Fee	30.00
Harmonized Sales Tax #850279555	96.74
Itinerary Total	CDN 840.86
Payment	CRED:VISA
Credit Card Applied	CDN 840.86
Cardholder Name	
Credit Card Number	1052
Authorization Number	032619

Questions, comments or concerns?

Please do not reply to this email as it was issued by an automated message system. If you have received this message in error, please call Air North, Yukon's Airline at one of the numbers below.

How to contact us

- Toll-free (in North America): 1.800.661.0407 ext. 1
- (867) 668.2228 ext. 1
- Via www.flyairnorth.com
- For Covid-19 travel updates, visit www.flyairnorth.com/TravelInfo/TravelAdvisories.aspx

Rules and Conditions

Updated March 2020

Identification, Check-in & Boarding Information

- **For Domestic Flights** — Check-in a minimum of 90 minutes prior to scheduled departure. Although we will do our best to assist, passengers checking in/dropping off baggage less than 45 minutes prior to the scheduled departure will be denied boarding. It is the passengers responsibility to be through security & present at the boarding gate no later than 15 minutes prior to the scheduled departure time. Valid government-issued identification featuring clear and identifiable photo of passenger and including name, date of birth and gender is required for all passengers.

- **For Trans-Border Flights** — Check-in a minimum of 90 minutes prior to scheduled departure. Although we will do our best to assist, passengers arriving less than 45 minutes prior to the scheduled departure boarding will be denied. Valid government-issued identification featuring clear and identifiable photo of passenger and including name, date of birth and gender is required for all passengers.
- All security restrictions are subject to change. For up to date information on these or other Government of Canada security requirements visit www.tc.gc.ca or www.catsaacsta.gc.ca.

Check-in Locations

- **Whitehorse** — Erik Nielsen Whitehorse International Airport
- **Vancouver** — Vancouver International Airport — Domestic Terminal, Departures Level, Line 12
- **Calgary** — Calgary International Airport — Domestic Terminal, Departures Level
- **Edmonton** — Edmonton International Airport — Domestic Terminal, Departure Level, South Check-in, Lines 32 & 33

Fare Change & Cancellation Policies

- Changes or cancellations may be made up to two hours prior to departure time.
- Changes are subject to any difference in fare and may be subject to applicable change fees and taxes.
- Cancellations may be subject to a fee, depending on the fare being cancelled. All monies paid to Air North, Yukon's Airline in the form of fares, fees, taxes, and surcharges are non-refundable, but may be credited to an Air North credit file.
- Air North credit files expire one year from the date of purchase. Credits are fully transferable. Credits may not be available for use on select Air North Packages or Air Passes.
- Promotional fares may have additional fare rules specified at time of booking; for example, Air North Packages and Getaways.
- Failure to show for a flight may result in 100% forfeit of fare and all fees, surcharges and taxes, depending on the applicable rules and conditions associated with the fare.
- Seat selection options when travelling with children requiring a seat who are under the age of 12 include:
 - 1) Paying for seat selection during booking.
 - 2) When flying with children under 12, you can call Air North Reservations at 1.800.661.0407 for complimentary seat selection after completing your booking.
 - 3) Air North will do our best to seat children under the age of 12 with an accompanying adult(s).

Baggage Limits

- The combined weight of all baggage per passenger is limited, available space varies from one aircraft type to another. For complete details on our baggage allowance, please visit <https://www.flyairnorth.com/flights/baggage-carry>.
- Overweight baggage and excess pieces are not guaranteed to travel on the same flight as the passenger due to space and weight limitations, and will be shipped on the next flight available. Passengers wishing to guarantee overweight baggage or excess pieces should [contact Air North Cargo](#) for priority freight. Any single item in excess of 32kg, or 70lb, must be shipped as cargo and cargo rates will apply. A maximum of four bags per passenger, including excess baggage, is permitted.

Rules of Carriage & Baggage

- Carriage is subject to the [applicable tariffs, conditions of carriage and related regulations](#).

- Passengers are advised to check all baggage, as there is limited space available in the cabin.

Fees, Taxes and Surcharges

Flights within Canada

All fees, taxes and surcharges are collected by Air North, Yukon's Airline at the time of booking including

- Fuel Surcharge (Q)
- Air Traveller's Security Charge (ATSC)
- Airport Improvement Fees (AIF). Fee varies depending on airport
- Canada Goods and Service Tax (GST), collected on all airfares and services provided in Canada.
- Harmonized Sale Tax (HST) where applicable

Canadian Air Passenger Protection Regulations

If you are denied boarding, your flight is cancelled or delayed at least two hours*, or if your baggage is lost or damaged, you may be entitled to certain standards of treatment and compensation under the Air Passenger Protection Regulations.

*Certain standards of treatment and compensation for flight delays and cancellations will apply as of December 15, 2019.

For more information about your passenger rights, please review our Domestic Tariff online at <https://www.flyairnorth.com/More/Tariff.aspx> or visit the Canadian Transportation Agency's website.

Thank you again for choosing Air North, Yukon's Airline!

(17)

SR
Pike Warden
Food

TRANSACTION RECORD
GOLD RUSH INN -BANQUET
411 MAIN STREET
WHITEHORSE YT

Purchase

8 Fro
#2
Kelly
It
1 G
1 Th
2 C
1 Ju
Sub
Tax
Tot

Jul 15, 2022 09:04:02
VISA *****1052
TID: IC009223 Entry: Tap EMV (H)
Sequence: 082 566
Auth#: 020717 Response: 01-027
Batch: 082 Server: 4444
Table: 77 [8 Front]
Check: 87039

Amount \$ 36.30
Tip \$ 7.26
Total \$ 43.56

A0000000031010 VISA CREDIT

Approved
Signature Not Required

Important: Retain this copy for your record

Cardholder copy

AM
7039
Price
6.00
0.00
4.76
3.81
4.57
1.73
3.30

18

SR
Pike Warden
Food

TRANSACTION RECORD
GOLD RUSH INN -BANQUET
411 MAIN STREET
WHITEHORSE YT

Purchase

Jul 22, 2022 21:49:45
VISA *****1052
TID: IC009195 Entry: Tap EMV (H)
Sequence: 082 686
Auth#: 083601 Response: 01-027
Batch: 082 Server: 2388
Table: 12 [2 Back]
Check: 88866

2 Back
#2
Kelly L

Item
2 Winte
1 Rueb
* Side G
1 Baco
Subtot
Tax
Total

Amount \$ 103.91
Tip \$ 18.70

Total \$ 122.61

A0000000031010 VISA CREDIT

Approved
Signature Not Required

Important: Retain this copy for you
Cardholder con

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TRANSACTION RECORD
GOLD RUSH INN -BANQUET
411 MAIN STREET
WHITEHORSE YT

Purchase

Oct 15, 2022

11:28:03

VISA

*****1052

TID: IC005874

Entry: Tap EMV (H)

Sequence: 001 397

Auth#: 041221

Response: 01-027

Batch: 001

Server: 1036

Table: 10 [9 Front]

Check: 108055

Amount

\$ 19.30

Tip

\$ 3.86

Total

\$ 23.16

A0000000031010 VISA CREDIT

Approved

Signature Not Required

Important: Retain this copy for your record

Cardholder copy

----- TRANSACTION RECORD -----
GOLDEN SAKURA JAPANESE RESTAUR
404 WOOD ST
WHITEHORSE YT

Purchase

Oct 16, 2022 19:27:37
VISA *****1052
TID: V4061678 Entry: Tap EMV (H)
Sequence: 001 053
Auth#: 021233 Response: 01-027
Batch: 001

Amount \$ 59.80
Tip \$ 8.97

Total \$ 68.77

A0000000031010 VISA CREDIT
TVR 0000000000

Approved
Signature Not Required

Important: Retain this copy for your record

Cardholder copy

15

SP
Pike Warden
Food

16

HMS HOST
TORONTO PEARSON INT'L AIRPORT

Check No: 5292
Employee: Jaylin
Trans Date: 2022-07-14 08:49:48
Trans Type: PURCHASE
Card Type: VA
Entry Mode: CHIP
Acct #: *****1052
Auth Code: 084573
Response Code: 00

TORONTO
309175

1.45

Subtotal: \$42.67
Gratuity: \$5.66
Total: \$48.33

***** ENV PURCHASE *****
App Label: VISA CREDIT
Mode: Issuer
ATD: 00000000831010
IVR: 0080008000
TSI: e800
IAD: 06011203642002
ARC: 00

DIN

1 BR

1 PO

2 CO

37.76

37.76

AMG

PIN Verified

CUSTOMER COPY

AMOUNT DUE \$0.00

SUBTOTAL 37.76
37.76 HST 5% 217101 1.89
37.76 HST 8% 217101 3.02
AMOUNT DUE \$42.67

The gratuity calculations
below are provided for
your convenience.

22% = \$9.39
20% = \$8.53
18% = \$7.68

We value your feedback!
Scan the QR code below to share
your experience!



<https://www.hmshost.com/contact>

Thank You
Please
Come Again

Integra Fuel Centre
1903 Centennial Street
Whitehorse, YK
Y1A 2T7
CANADA

Inv#: 9216857
Trans: Pre-Auth
Completion
*****1052
/ C
VISA CREDIT
AID: A00000000031010
Seq#: 529001001011
Terminal ID: INTCSC02
Auth No: 058692
ACI/ISO: 001/00
Date: 2022-10-19
Time: 5:05:29 PM
TVR 0080008000
TSI E800
APPROVED
VERIFIED BY PIN
Pump #: 2-Regular
Vol: 46.285 L
Price/L: \$1.959
Total: \$90.67
Fuel Includes:
GST(5%): \$4.32
Total : \$4.32

THANK YOU
Please
Come Again

The Kind Café
305 Hawkins St. Unit 101
Whitehorse, Yukon
Canada, Y1A 1X5
Tel: 8673335463

Printed October 13, 2022 at 12:20 PM

October 13, 2022 at 12:20 PM

Order #:
78763

Party Name: Sarah

Staff:
Everyone

Turmeric Cauliflower Bowl	\$18.25
---------------------------	---------

Food Total	\$18.25
------------	---------

Sub Total	\$18.25
-----------	---------

GST	\$0.91
-----	--------

Total	\$19.16
--------------	----------------

Visa *1052 (Auth#: 007714)	\$22.61
----------------------------	---------

Total Tips	\$3.45
-------------------	---------------

#itscooltobekind

16

SR
pike warden
Food

ROC

C

3 P

2 K

1 W

2 C

1 C

Sub

Tax

To

5.0

KLONDIKE RIB AND SALMO
2116 2ND AVENUE Y1A1B9
WHITEHORSE YT

23159624
TM2315962403

SALE

Batch #: 070

07/15/22

Invoice #: 41

APPR CODE 072748

VISA

*****1052

VISA CREDIT

AID: A0000000031010

RRN: 0010700410

20:59:09

REF#: 00000041

Proximity

/

1

8:53

Price

7.00

0.00

7.00

8.00

3.00

5.00

7.75

2.75

2.75)

AMOUNT

\$162.75

TIP

\$32.55

TOTAL

\$195.30

001 APPROVED

Return this card for your
records

CUSTOMER COPY

(19)

SK
Pike Warden
Food

PACIFIC FARMS MARKET
Vancouver International Airport
3211 Brant McConachie Way

Order #452

iscal Transaction ID: 20220723090445
ost: Lailynne 7/23/2022
rder #452 9:04 AM
40053

LTB	11.95
3th Parallel Brew	3.25
acon Egg Bagel	12.95
uckwheat Sour Cherry Sco	6.50
ubtotal	34.65
ST Tax	1.73

To Go Total 36.38

PC VISA	36.38
ip	5.46
otal	41.84

Have you enjoyed your time with us?
Visit www.tastesonthefly.com to take a
brief survey and receive a complimentary
dessert or coffee on your next visit.
GST # 797894532 RT 0001

--- Check Closed ---

PACIFIC FARMS MARKET
Vancouver International Airport
3211 Brant McConachie Way

Order #278

Fiscal Transaction ID: 20221021082923
Host: Meriam 10/21/2022
Order #278 8:29 AM
20078

Caprese 14.95
Buckwheat Sour Cherry Sco 6.75

Subtotal 21.70

GST Tax 1.09

To Go Total 22.79

SPC VISA 22.79
Tip 3.42
Total 26.21

Have you enjoyed your time with us?
Visit www.tastesonthefly.com to take a
breif survey and receive a complimentary
dessert or coffee on your next visit.

GST # 797894532 RT 0001

--- Check Closed ---

PANAGO #230 WHITEHORSE
2190 2ND AVENUE UN Y1A5N6
WHITEHORSE YT
23670778
GZ2367077801

**** PURCHASE ****

10-19-2022 20:40:17

Acct # *****1052 RF

Card Type VI

A0000000031010 VISA CREDIT

Trace # 7711

Inv. # 8684

Auth # 005356 RRN 001351012

Purchase \$67.44

Tip \$10.12

Total \$77.56

(001) APPROVED-THANK YOU

Retain this copy for your
records
customer copy

REAL CANADIAN SUPERSTORE

RCSS 2270 2ND AVENUE WHITEHORSE
867-456-6618
Big on Fresh, Low on Price
Welcome #

21-GROCERY

05557710688 QUAKER QUA CM MRJ 2.29

25-NATURAL FOODS

04749549151 NB BLUE FIG BAR GMRJ 1.79

63263218415 KBAR TSTD COCONT GMRJ 5.49

87769300013 PRANA ORG TM ALM GMRJ 8.49

27-PRODUCE

05038385096 FM MINI CUKE 8 MRJ 4.00

05038389151 FM CARRT MIN 1LB MRJ 2.59

35-DELI

05038303560 HUMMUS MRJ 3.49

337378115028 MINT BABYBEL MRJ 11.00

41-HOME

13901 RSBL SHRT BG SUP GMRJ

\$0.35 ea or 3/\$1.00 0.35

1 @ \$0.35 ea 0.35

SUBTOTAL

6-897 54 40.49

16.12 @ 5.00% 0.81

TOTAL

41.30

TRANSACTION RECORD

BLOOM. PAYMENTS MERCHANT # 4041511
Superstore
2270 2nd Avenue
Whitehorse YT
STORE 01530 REG 5
SLIP # 822700
RETAIN THIS COPY FOR YOUR RECORDS
** Purchase ** Proximity
CARD # *****1052 EXP **/**
VISA CREDIT
REF # AUTH # ISO/ACT RESP
58630 001010 000159 00 001
AID: A0000000031010
TID: 32A04000
DATE TIME AMOUNT
10/13/2022 13:23:33 \$ 41.30 CAD
APPROVED

No Signature Required

CREDIT TN 41.30

PC Optima
Points Redeemed
Closing Balance



9915005822120221011/32335
You could have earned at least 410
PC Optima points with a
PC Financial Mastercard or PC Money Account.
Learn more at pcfinancial.ca

THANK YOU FOR SHOPPING RCSS
YOUR STORE MANAGER CONRAD
2022/10/13 Email B21 05 1227

CALL US NOW OR VISIT TODAY!
FOR SURRENDERING TO THE CALL
1-800-931-2926 MIN 1 OF 2 MONTH
PRIZES OF 1 MILLION PC OPTIMA
OR \$1000 IN PC GIFT CARDS
WWW.STOREOPTIMA.CA FOR FULL
CONTEST RULES. STORE OPT
CARD: 101222-132303-8227 DISCO

SANCHEZ MEXICAN
REST&DELI
211 HANSON
WHITEHORSE, YT Y1A1Y3
8676685858

SALE

MID: 5646197

TID: 007

REF#: 00000050

Batch #: 035

10/20/22

19:41:11

APPR CODE: 033614

VISA

Proximity

*****1052

AMOUNT

\$54.60

TIP

\$8.19

TOTAL

\$62.79

APPROVED

VISA CREDIT

AID: A0000000031010

TVR: 00 00 00 00 00

I AGREE TO PAY ABOVE TOTAL AMOUNT
IN ACCORDANCE WITH CARD ISSUER'S
AGREEMENT
(MERCHANT AGREEMENT IF CREDIT VOUCHER)
RETAIN THIS COPY FOR STATEMENT
VERIFICATION

THANK YOU / MERCI

CUSTOMER COPY

TRANSACTION RECORD
SMOKE & SOW
15 JUNIPER DR
WHITEHORSE YT

Purchase

Oct 15, 2022 19:31:30
VISA *****1052
TID: V4059865 Entry: Tap EMV (H)
Sequence: 001 175
Auth#: 039210 Response: 01-027
Batch: 001

Amount \$ 66.70
Tip \$ 13.34

Total \$ 80.04

A0000000031010 VISA CREDIT
TVR 0000000000

Approved
Signature Not Required

Important: Retain this copy for your record

Cardholder copy



SSP America
7303117 - HONKS
Vancouver Intl Airport
604-276-2755
HST# 826875560

SR
P. Warden
Food

*** TRANSACTION RECORD ***
Trans. #: 2207
Lookup #: 0220710523785
Rcpt: VNR HONKS
Table #: 80
Check #: 7882
Group #: 2
Employee #: 1016
Employee: Cheng An

st 0

Type: Purchase
Acct: Visa
Card #: xxxxxxxxxxxx1052

19

19

Amount \$31.95
Tip \$5.90

8

7

5

TOTAL CAD\$37.85

Reference #: 66327014 0013191400 H
auth. #: 036541
YURMNC568/U66327014 005
07/14/2022 3:24:54 PM

Visa CREDIT
80000000031010

APPROVED - THANK YOU
01-027

No signature required

-- IMPORTANT --
Retain this copy for
your records

*** CARDHOLDER COPY ***

THANK YOU
Come Again

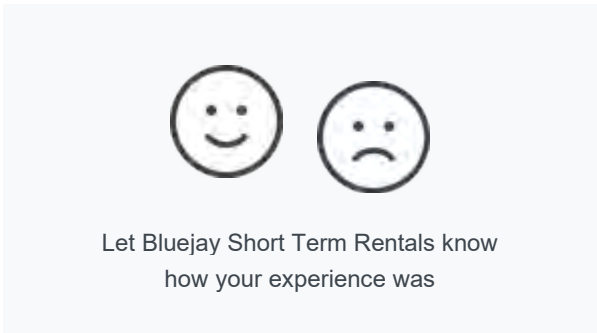
Sarah Reese

From: Bluejay Short Term Rentals via Square <receipts@messaging.squareup.com>
Sent: October 5, 2022 5:22 PM
To: Sarah Reese
Subject: Payment Confirmation from Bluejay Short Term Rentals

Follow Up Flag: Follow up
Flag Status: Flagged



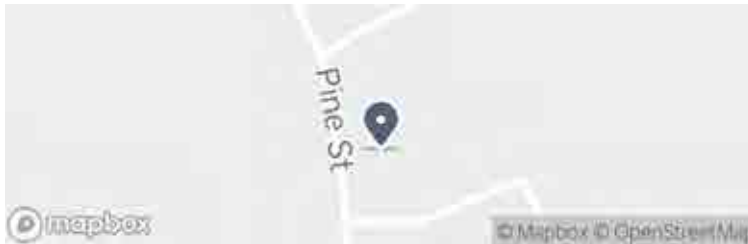
Bluejay Short Term Rentals



\$1,190.70

Oct. 14 to 20, 2022

queen-size room × 6	\$1,134.00
Purchase Subtotal	\$1,134.00
GST (5%)	\$56.70
Total	\$1,190.70



Bluejay Short Term Rentals
56 Almond Place
WHITEHORSE, YT Y1A5K4

Visa 1052 (Keyed)

VISA

2022-
10-05-
14:21
#F2yG
Auth
code:
034766

Run your own business?

Start using Square and process \$1,000 in
sales for free.

Get Started with Square

© 2022 Square Canada, Inc.

Please contact Bluejay Short Term Rentals about its privacy
practices. · [Not your confirmation?](#)



Map data © [OpenStreetMap](#) contributors
© [Mapbox](#) [Improve this map](#)

Sarah Reese

From: Greg Collins
Sent: July 6, 2022 8:19 AM
To: Sarah Reese
Subject: FW: Your Reservation Has Been Confirmed - Itinerary Number 9174396543109
Edgewater Hotel

Have 2 rooms booked for us in Whitehorse arriving July 14th, checking out July 16th at the Edgewater..

I have not booked any other hotel accommodations yet. Presume that we will be in the field the night of the 16th. I guess I should book a room the night of the 19th – but this may have to be revised..

From: HotelsOne <reservations@hotelsone.com>
Sent: Wednesday, July 6, 2022 8:13 AM
To: Greg Collins <gcollins@transitionmetalscorp.com>
Subject: Your Reservation Has Been Confirmed - Itinerary Number 9174396543109 Edgewater Hotel



Your reservation is confirmed.

The booking you recently made on the HotelsOne website is confirmed. Your reservation details are below.

HotelsOne Itinerary Number:	9174396543109
Check-in:	14 Jul 2022 3:00 PM
Check-out:	16 Jul 2022 11:00 AM
Total rooms:	2
Nights:	2
Guests:	2 adults

Please include the itinerary number in the subject line for all correspondence with HotelsOne.

Manage your booking online

Hotel



Edgewater Hotel

101 Main Street, Whitehorse, Y1A 2A7 CA

Telephone: +1-587-774-1615

[Driving Directions](#)

Additional benefits

- Free WiFi
- Free self parking

Room Details

Room 1 - **Confirmed**

Room Type:	Deluxe Double Room, 2 Double Beds
Bed:	2 Double Beds
Smoking:	No

Reserved for: Greg Collins, 1 adult
Status: Confirmed, 1972206872
Refundable: Yes

Room 2 - **Confirmed**

Room Type: Deluxe Double Room, 2 Double Beds
Bed: 2 Double Beds
Smoking: No
Reserved for: Sarah Reese, 1 adult
Status: Confirmed, 1972206873
Refundable: Yes

Charges

Cost per night per room

(excluding tax recovery charges and service fees)

Date	Room 1	Room 2	Total per night
14 Jul 2022	CAD319.00	CAD319.00	CAD638.00
15 Jul 2022	CAD319.00	CAD319.00	CAD638.00
Total per room	CAD638.00	CAD638.00	CAD1,276.00

Tax Recovery Charges and Service Fees

Sales tax	CAD204.52
-----------	-----------

Total cost for entire stay

CAD1,480.52 PAID

All amounts are displayed in CAD.

Payment Information

We have charged your credit card for the full payment of this reservation.

Card Holder Name:	Greg Collins
Billing Address:	LAKEFIELD K0L 2H0 ON
Telephone Number:	+7058726390
Email:	gcollins@transitionmetalscorp.com

The above charges to your credit card were made by Travelscape, LLC.

Check-in instructions

Front desk staff will greet guests on arrival.

- Extra-person charges may apply and vary depending on property policy
- Government-issued photo identification and a credit card, debit card, or cash deposit may be required at check-in for incidental charges
- Special requests are subject to availability upon check-in and may incur additional charges; special requests cannot be guaranteed

- The name on the credit card used at check-in to pay for incidentals must be the primary name on the guestroom reservation
- This property accepts credit cards; cash is not accepted
- Safety features at this property include a smoke detector

Check-in: 3:00 PM - 5:00 AM

Check-out: 11:00 AM

Minimum check-in age is 18

The following fees and deposits are charged by the property at time of service, check-in, or check-out.

- Pet fee: CAD 30 per pet, per night
- Service animals are exempt from fees

The above list may not be comprehensive. Fees and deposits may not include tax and are subject to change.

- Only registered guests are allowed in the guestrooms.
- This property advises that enhanced cleaning and guest safety measures are currently in place.
- Disinfectant is used to clean the property; commonly-touched surfaces are cleaned with disinfectant between stays; bed sheets and towels are laundered at a temperature of at least 60°C/140°F; the property is cleaned and disinfected with electrostatic spray.
- Personal protective equipment, including masks and gloves, will be available to guests.

- Social distancing measures are in place; staff at the property wear personal protective equipment; a shield is in place between staff and guests in main contact areas; guests are provided with hand sanitizer; cashless payment methods are available for all transactions.
- Contactless check-in and contactless check-out are available.
- Individually-wrapped food options are available for breakfast, lunch, and dinner.
- This property affirms that it adheres to the cleaning and disinfection practices of Ecolab (3rd party expert - Global).

Cancellation Policy

Room 1

We understand that sometimes your travel plans change. We do not charge a change or cancel fee. However, this property (Edgewater Hotel) imposes the following penalty to its customers that we are required to pass on:

Cancellations or changes made after 6:00 PM (GMT-07:00) on 13-07-2022 are subject to a 1 Night Room & Tax penalty. If you fail to check-in for this reservation, or if you cancel or change this reservation after check-in, you may incur penalty charges at the discretion of the property of up to 100% of the booking value.

Room 2

We understand that sometimes your travel plans change. We do not charge a change or cancel fee. However, this property (Edgewater Hotel) imposes the following penalty to its customers that we are required to pass on:

Cancellations or changes made after 6:00 PM (GMT-07:00) on 13-07-2022 are subject to a 1 Night Room & Tax penalty. If you fail to check-in for this

reservation, or if you cancel or change this reservation after check-in, you may incur penalty charges at the discretion of the property of up to 100% of the booking value.

[Manage your booking online](#)

HotelsOne / 827 Union Pacific / Laredo, Texas, 78045 / United States

Sarah Reese

From: Greg Collins
Sent: July 6, 2022 8:32 AM
To: Sarah Reese
Subject: FW: Expedia travel confirmation - Tue, Jul 19. - (Itinerary # 72340815356241)

Have 2 rooms booked for night of July 19th.. night before our booked return flight..

From: Expedia.ca <Expedia@ca.expdiamail.com>
Sent: Wednesday, July 6, 2022 8:27 AM
To: Greg Collins <gcollins@transitionmetalscorp.com>
Subject: Expedia travel confirmation - Tue, Jul 19. - (Itinerary # 72340815356241)



Thank you, Greg! Your booking is confirmed.

[VIEW FULL ITINERARY](#)

[DOWNLOAD TO YOUR PHONE](#)



Learn about this property's [cleaning and safety practices](#) before your trip begins.

[Sternwheeler Hotel and Conference Centre](#)

[201 Wood Street, Whitehorse, YT, Y1A 2E4 Canada](#)

Check-in

Tue, Jul 19

Check-in time starts at 3:00 PM

Check-out

Wed, Jul 20

11:00 AM

Accommodation Details

You booked **2 rooms**.

One King Standard

No. of guests: Adults, 1

One King Standard

No. of guests: Adults, 1

[View special requests in your itinerary](#)

All special requests (such as in-room amenities, bed type, and smoking preference) are shared with the hotel, but requests are not guaranteed and may incur additional charges. We recommend you confirm them directly with the hotel before travel.

[Manage Booking](#)

[Cancel](#)

Free cancellation until July 18 at 11:59 PM (Pacific Standard Time (US & Canada); Tijuana)

Price Summary

Accommodation 1	CA \$313.15
1 night	CA \$289.00
Property fee	CA \$2.00
Taxes & Fees	CA \$22.15
Accommodation 2	CA \$313.15
1 night	CA \$289.00
Property fee	CA \$2.00
Taxes & Fees	CA \$22.15

Total	CA \$626.30
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Collected at the property

Unless specified otherwise, rates are quoted in Canadian dollars.

Expedia Rewards

You will earn 578 Expedia Rewards points

Additional property fees

These fees and deposits only apply if they are not included in your selected room rate.

The price DOES NOT include any applicable hotel service fees, charges for optional incidentals (such as minibar snacks or telephone calls), or regulatory surcharges. The hotel will assess these fees, charges, and surcharges upon check-out.

Rules and restrictions

For rules and restrictions please view your [full itinerary](#).

Cancellations and changes

If you cancel or change your plans, please cancel your reservation in accordance with the property's cancellation policies to avoid a no-show charge.

Cancellations or changes made after 11:59p (Pacific Standard Time (US & Canada); Tijuana) on 18 Jul. 2022 or no-shows are subject to a property fee equal to 100% of the total amount paid for the reservation.

In the case of multiple rooms/units booked together, fees charged by the property apply to each room/unit that is cancelled or changed.

Guest charges and room capacity

Base rate is for 1 guest.

If rates are listed below, they may be quoted in the currency of the country where the property is located.

Total maximum number of guests per room/unit is 3.

Maximum number of adults per room/unit is 2.

Maximum number of children per room/unit is 2.

Maximum number of infants per room/unit is 2.

This property considers guests aged 20 and under, at time of travel, to be children.

Availability of accommodation in the same property for extra guests is not guaranteed.

The fee for extra adults is C\$15.00 per person.

Check-in policies

Check-in time starts at 3:00 PM

Check-in time ends at anytime

Minimum check-in age is: 18

Special Instructions

Front desk staff will greet guests on arrival.

Late arrival instructions

If a late check-in is planned, contact this property directly for their late check-in policy.

Where to find help

For special requests and questions about your reserved room or the hotel property, contact Sternwheeler Hotel and Conference Centre.

Tel: 1 (867) 393-9700, Fax: 1 (867) 668-2789

[Message Hotel](#)



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Appendix F – Daily Log

2022 Daily Log Entry - Pike Warden										
Date	Activity	# People	Personnel	# Vehicles	Mileage (km)	# Helicopters	Flight Time (h)	# Quads	# Samples	
16-Jul-22	Camp mob and setup, 3 people prospecting	6	Steve Israel, Niona Kyhle-Kahr, David Bunbury, Michael Kishchuk, Greg Collins, Sarah Reese	1	70	1	2	0	5	
17-Jul-22	2 people prospecting, 4 people trenching on Bonanza	6	Steve Israel, Niona Kyhle-Kahr, David Bunbury, Michael Kishchuk, Greg Collins, Sarah Reese	0	0	0	0	0	9	
18-Jul-22	2 people prospecting, 4 people trenching on Bonanza	6	Steve Israel, Niona Kyhle-Kahr, David Bunbury, Michael Kishchuk, Greg Collins, Sarah Reese	0	0	0	0	0	14	
19-Jul-22	6 people prospecting	6	Steve Israel, Niona Kyhle-Kahr, David Bunbury, Michael Kishchuk, Greg Collins, Sarah Reese	0	0	0	0	0	11	
20-Jul-22	6 people prospecting and trenching on ACPb Zone	6	Steve Israel, Niona Kyhle-Kahr, David Bunbury, Michael Kishchuk, Greg Collins, Sarah Reese	0	0	0	0	0	28	
21-Jul-22	6 people prospecting	6	Steve Israel, Niona Kyhle-Kahr, David Bunbury, Michael Kishchuk, Greg Collins, Sarah Reese	0	0	0	0	0	5	
22-Jul-22	6 people prospecting	6	Steve Israel, Niona Kyhle-Kahr, David Bunbury, Michael Kishchuk, Greg Collins, Sarah Reese	0	0	0	0	0	1	
23-Jul-22	6 people trenching on ERT Zone (Trench 001)	4	Steve Israel, Niona Kyhle-Kahr, David Bunbury, Michael Kishchuk, Greg Collins, Sarah Reese	0	0	1	1.2	0	26	
24-Jul-22	4 people trenching on ERT Zone (Trench 002)	4	Steve Israel, Niona Kyhle-Kahr, David Bunbury, Michael Kishchuk	0	0	0	0	0	6	
25-Jul-22	Camp demob, sample prep, insertion of QA/QC	4	Steve Israel, Niona Kyhle-Kahr, David Bunbury, Michael Kishchuk	1	70	1	2	0	1	
14-Oct-22	Drill mob and camp setup	3	Sarah Reese, Melissa Friend, Niona Kyhle-Kahr	1	70	1	4.3	0	0	
15-Oct-22	Drilling 22-PW-01	3	Sarah Reese, Melissa Friend, Niona Kyhle-Kahr	0	0	0	0	0	58	
16-Oct-22	Drilling 22-PW-02, starting 22-PW-03	3	Sarah Reese, Melissa Friend, Niona Kyhle-Kahr	1	140	1	1.1	0	33	
17-Oct-22	Drilling 22-PW-03	3	Sarah Reese, Melissa Friend, Niona Kyhle-Kahr	0	0	1	1.1	0	42	
18-Oct-22	Drill demob attempt	3	Sarah Reese, Melissa Friend, Niona Kyhle-Kahr	1	140	1	2.1	0	0	
19-Oct-22	Sample XRF analysis and prep for assay, insertion of QA/QC	3	Sarah Reese, Melissa Friend, Niona Kyhle-Kahr	0	0	0	0	0	14	
20-Oct-22	Drill demob attempt	3	Sarah Reese, Melissa Friend, Niona Kyhle-Kahr	1	140	1	3.1	0	0	
21-Oct-22	Completed drill demob	2	Melissa Friend, Niona Kyhle-Kahr	0	0	1	3	0	0	
* Mileage Note: A single vehicle, one-way trip from the Whitehorse to the staging area on Annie Lake Road is approximately 70 kilometres. From the staging area to the property via helicopter is approximately 13 kilometres.										
Daily Log Program Summary										
Total # of Field Days		18					Total # of Samples		253	
Total # of Person Days		77					Total Mileage (km)		630	
								Total Flight Time (h)		19.9
Summary of Work by Activity						Summary of Samples by Activity				
Activity Type		Total # of Person Days				subtotal	Prospecting Samples		51	
# of Prospecting Days		31					Trenching Samples		53	
# of Trenching Days		24					Drilling Samples		133	
# of Drilling Days		22					Standards & Blanks		16	
TOTAL # of Person Days		77					TOTAL # of Samples		253	