Selected Porphyry Projects

September 2021

Forward-Looking Statements

Certain information regarding the Company contained herein may constitute forward-looking statements within the meaning of applicable securities laws. Forward-looking statements may include estimates, plans, expectations, opinions, forecasts, projections, guidance or other statements that are not statements of fact. Although the Company believes that the expectations reflected in such forward-looking statements are reasonable, it can give no assurance that such expectations will prove to have been correct. The Company cautions that actual performance will be affected by a number of factors, many of which are beyond the Company's control, and that future events and results may vary substantially from what the Company currently foresees. Discussion of the various factors that may affect future results is contained in the Company's Annual Report which is available at www.sedar.com. The Company's forward-looking statements are expressly qualified in their entirety by this cautionary statement.

All technical information contained in this corporate presentation has been approved by Jackson Morton, P.Geo., a geological consultant to Strategic Metals and qualified person for the purposes of NI 43-101.

Copper-Gold Porphyry Pipeline

PARTNER FUNDED

DRILL VALIDATED

NEW DISCOVERIES

Hopper Project

- Drilled, gold-rich skarns and a large, undrilled porphyry target
- Under option by CAVU Mining Corp. to earn 70%

Mint and Nikki Projects

- Drill-validated targets, with a first-mover advantage in an emerging porphyry camp

Mars Project

- Mt. Milligan analogue, with drill holes demonstrating porphyry-diagnostic mineralization and hydrothermal alteration

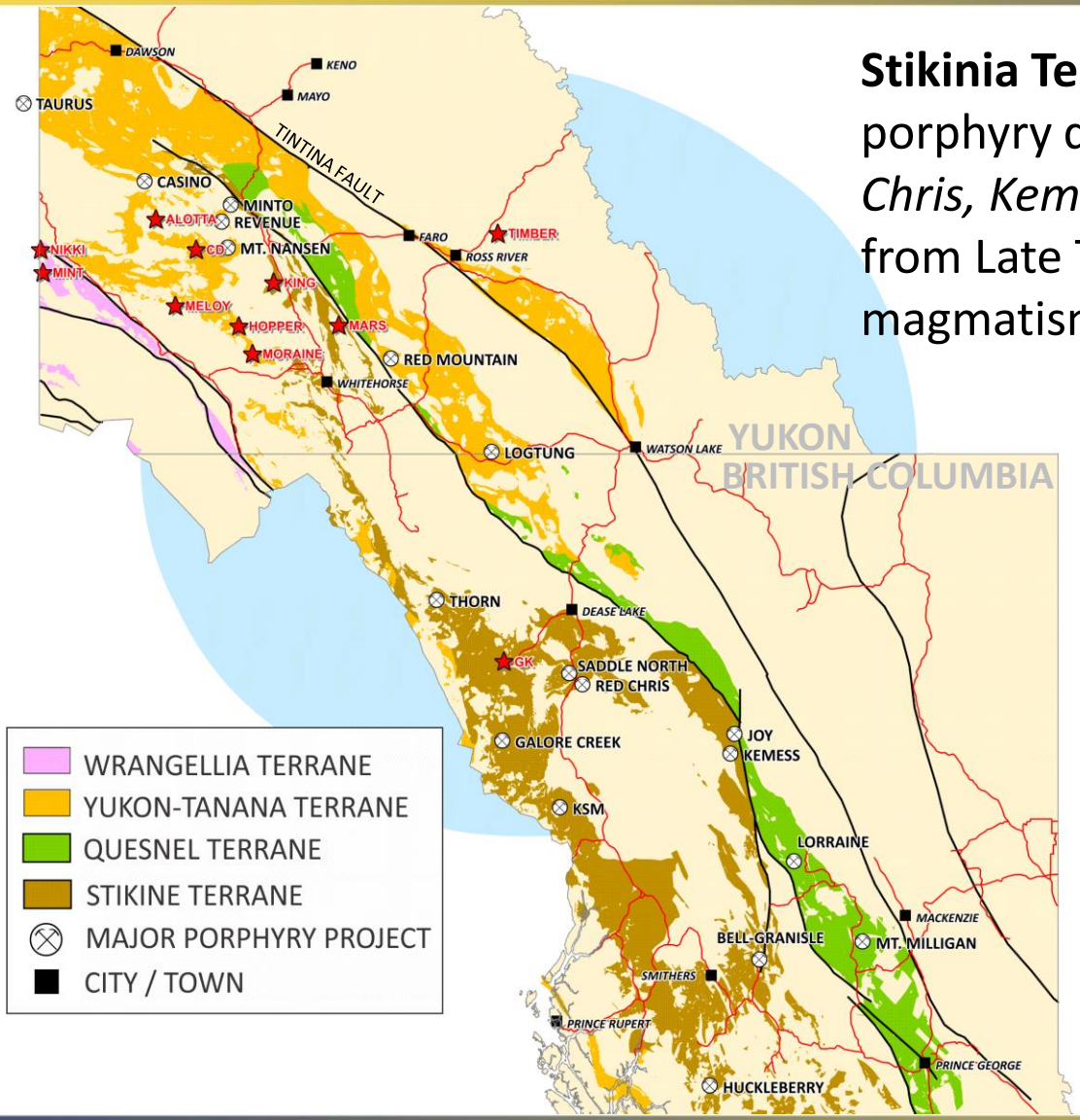
Timber Project

- Covers a mid-Cretaceous pluton, located on the northern side of the Tintina Fault

GK, Alotta, CD, Meloy, Moraine *and several more projects*

- Compelling grassroots discoveries hosted in a broad range of geological environments

Project Locations

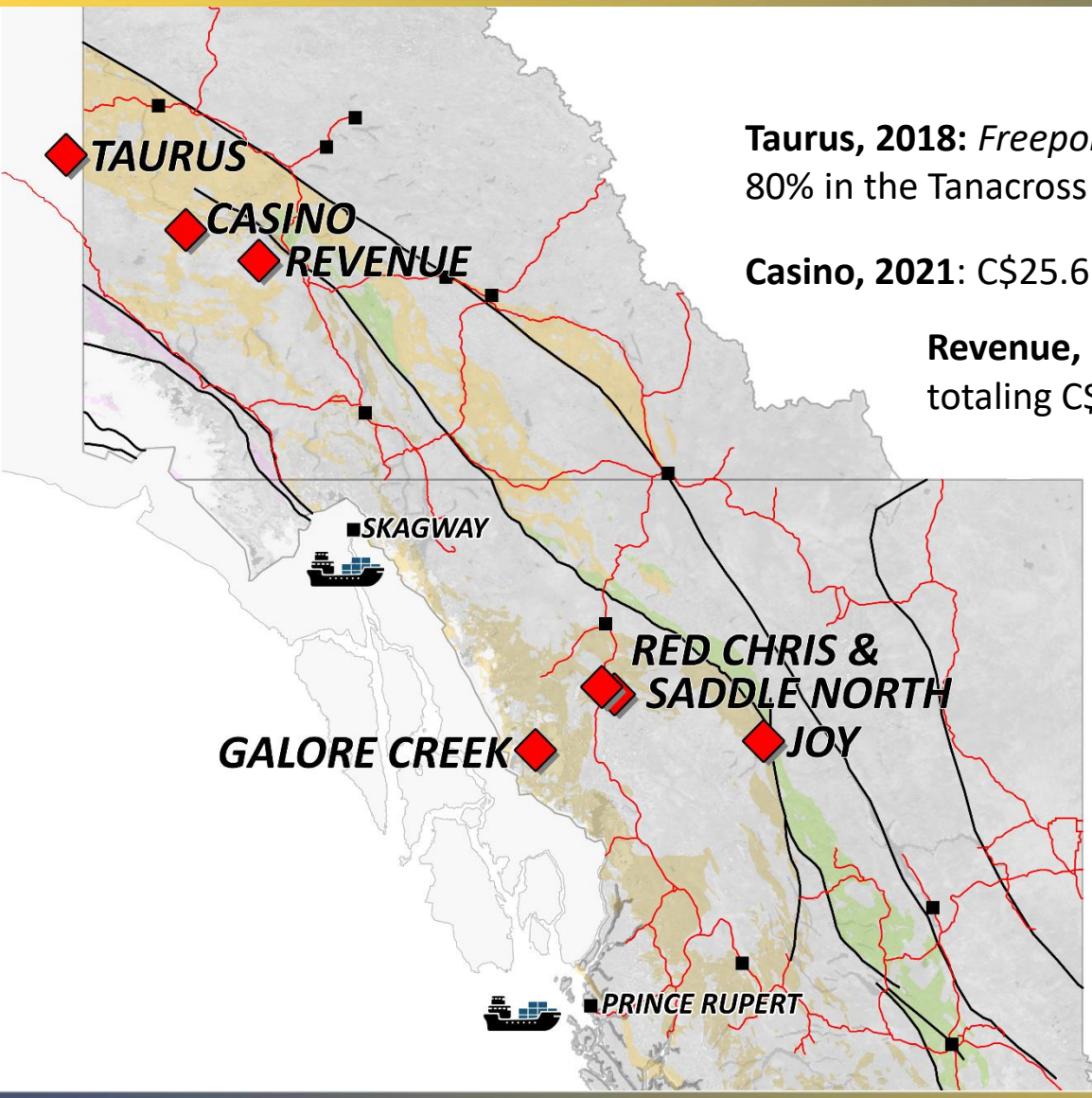


Stikinia Terrane: *World-Class* copper-gold porphyry deposits in British Columbia (*Red Chris, Kemess and Galore Creek*) resulting from Late Triassic – Early Jurassic island arc magmatism

Yukon-Tanana Terrane: Subject to extensive Cretaceous magmatism associated with copper-gold porphyry systems in Yukon and Alaska (*Casino, Taurus and Revenue*)

Wrangellia Terrane: Covers an overlooked, Oligocene-aged magmatic arc in southwest Yukon preserving high-level porphyry mineralization

Recent Investments



Taurus, 2018: *Freeport-McMoRan* agreement to earn up to 80% in the Tanacross Project

Casino, 2021: C$25.6 million strategic investment by *Rio Tinto*

Revenue, 2017 and 2018: Two strategic investments totaling C$7.22 million by *Goldcorp*

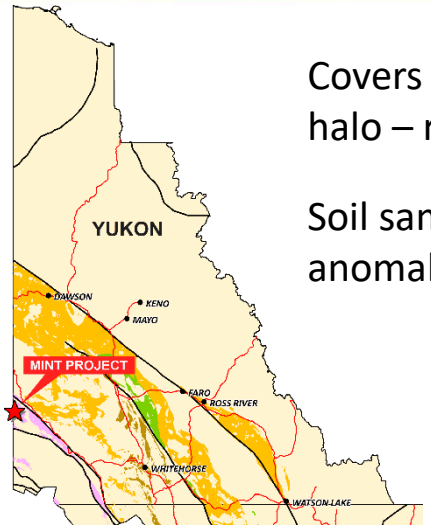
Red Chris, 2019: *Newcrest Mining* purchases 70% of Red Chris

Saddle North, 2021: *Newmont* acquisition of GT Gold Corp. and its Saddle North project

Galore Creek, 2018: *Newmont* acquisition of 50% ownership in JV with *Teck*

Joy, 2021: *Freeport-McMoRan* agreement to earn up to 70% in the Joy Project

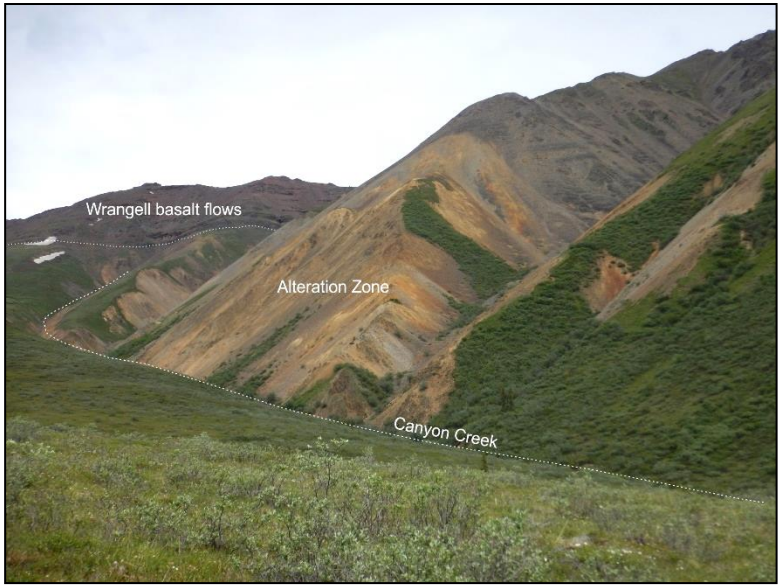
Mint Project – Gold-enriched Alkaline-type Porphyry



Covers an Oligocene to Miocene aged intrusive complex and well-developed alteration halo – representing one of the youngest porphyry occurrences in Canada

Soil sampling has outlined a 1,100 m by 500 m strongly anomalous gold (**up to 3,400 ppb**) anomaly within a broader zone of elevated gold, copper and molybdenum values

A 2,200 m diameter magnetic high is centered on a high-level porphyry intrusion, where surface exposures are thought to represent only the top portion of a *large, buried porphyry system*



In 2012, a five-hole diamond drill program evaluated widely spaced geochemical and geophysical anomalies; highlights include:

- **0.204 g/t gold over 331.74 m**, which terminated in a sub-interval of **0.556 g/t gold over 53.0 m** (M12-03)
- **0.244 g/t gold over 45.53 m**, from a magnetite-flooded zone associated with elevated chargeability (M12-05)

These two holes are located 1.03 km apart and have never been followed-up

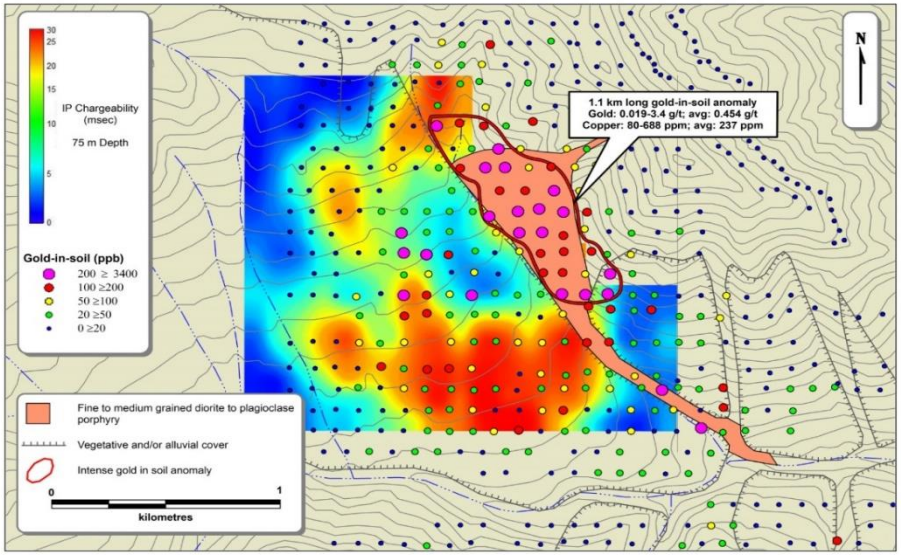
Mint Project – Next Steps

Limited induced polarization (IP) surveying has been performed across the low-lying ground west of the soil geochemical anomaly

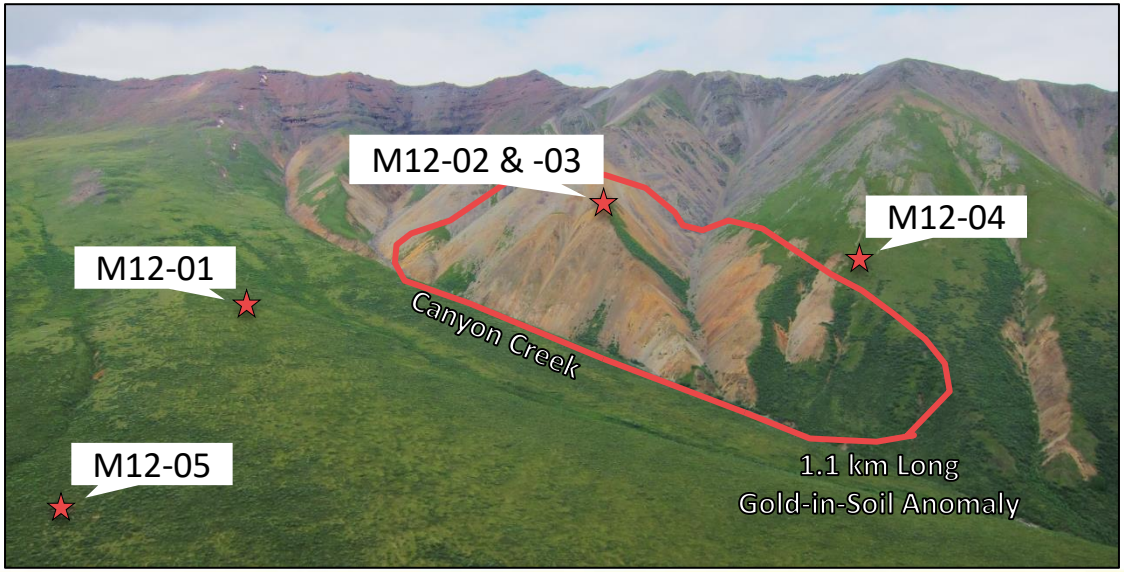
A modern, 3DIP survey should be attempted over the steep terrain that underlies the core of the gold-in-soil anomaly

Detailed structural mapping should be performed in the headwaters of Canyon Creek, in order to help resolve the structural regime of the project

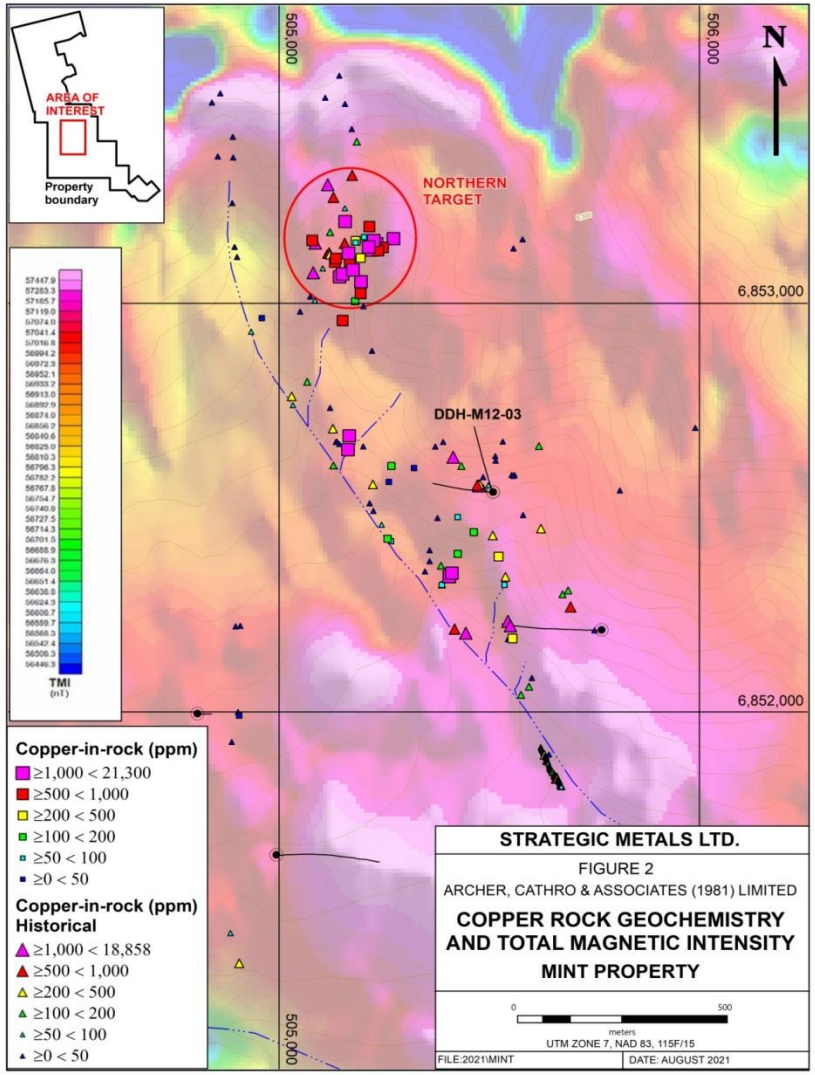
Following this work, deep diamond drilling should be performed with oriented core

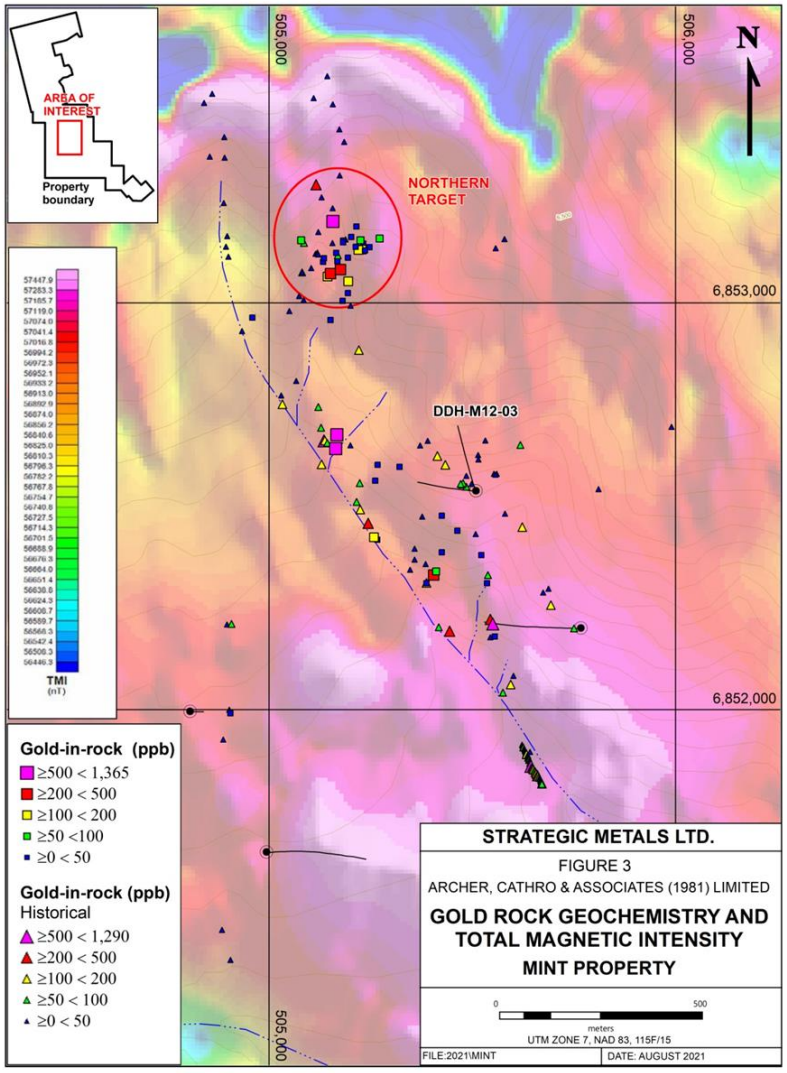


M12-03 (287.20 m): gold-bearing, pyritic intrusive breccia

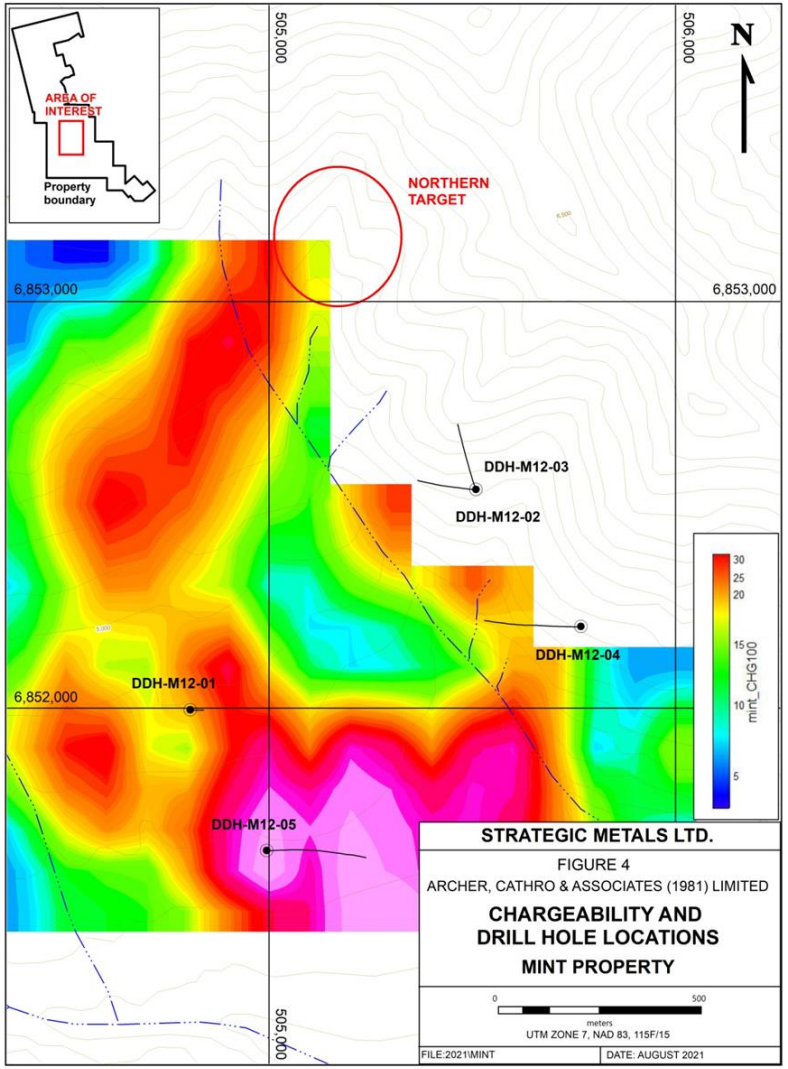


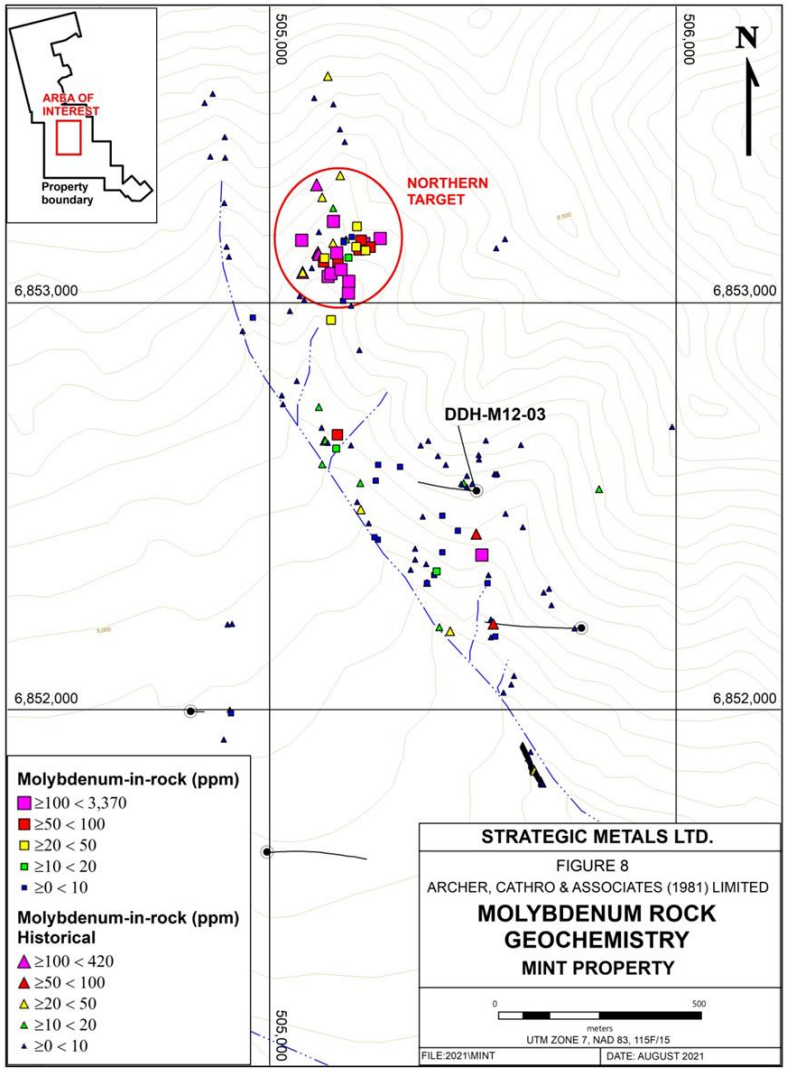
Mint Project – 2021



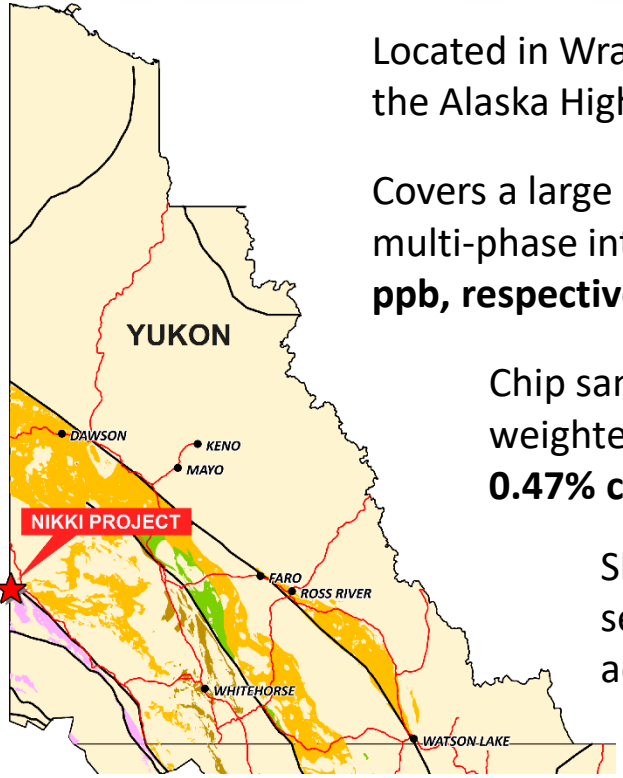


Mint Project – Next 2021





Nikki Project – Porphyry Mineralization in a New Frontier



Located in Wrangellia terrane near the Yukon-Alaska border, 18 km south-southeast of the Alaska Highway

Covers a large copper- and gold-in-soil geochemical anomaly that overlies an altered, multi-phase intrusive suite, with **copper and gold values up to 2,750 ppm and 1,590 ppb, respectively**

Chip sampling from two hand trenches in the core of the soil anomaly returned weighted average grades of **0.38% copper and 0.36 g/t gold over 6 metres**, and **0.47% copper and 0.19 g/t gold over 8 metres**

Skarn mineralization is found along a ridge-top where calcareous sedimentary rock is in contact with a granodiorite, and chip samples across the skarn have returned **11.95 g/t gold over 2 m**

Five diamond drill holes have been competed on the project, *demonstrating deep copper-gold mineralization associated with a phase of intensely altered, crowded feldspar porphyry*

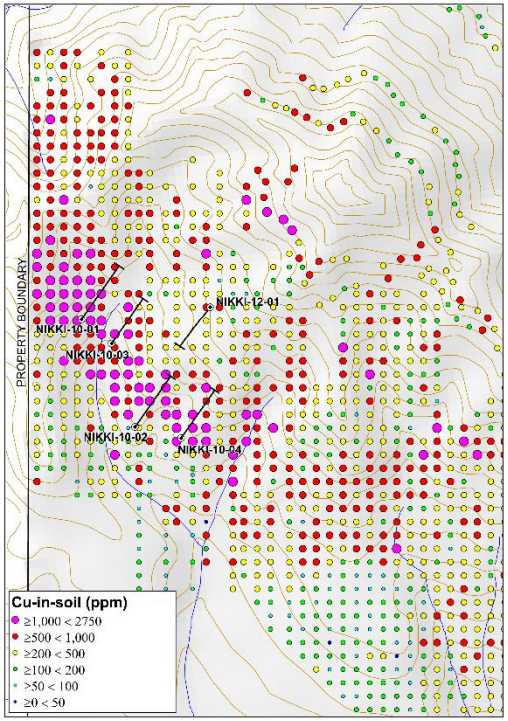
Drill results include **0.13% copper and 0.08 g/t gold over 64 m**

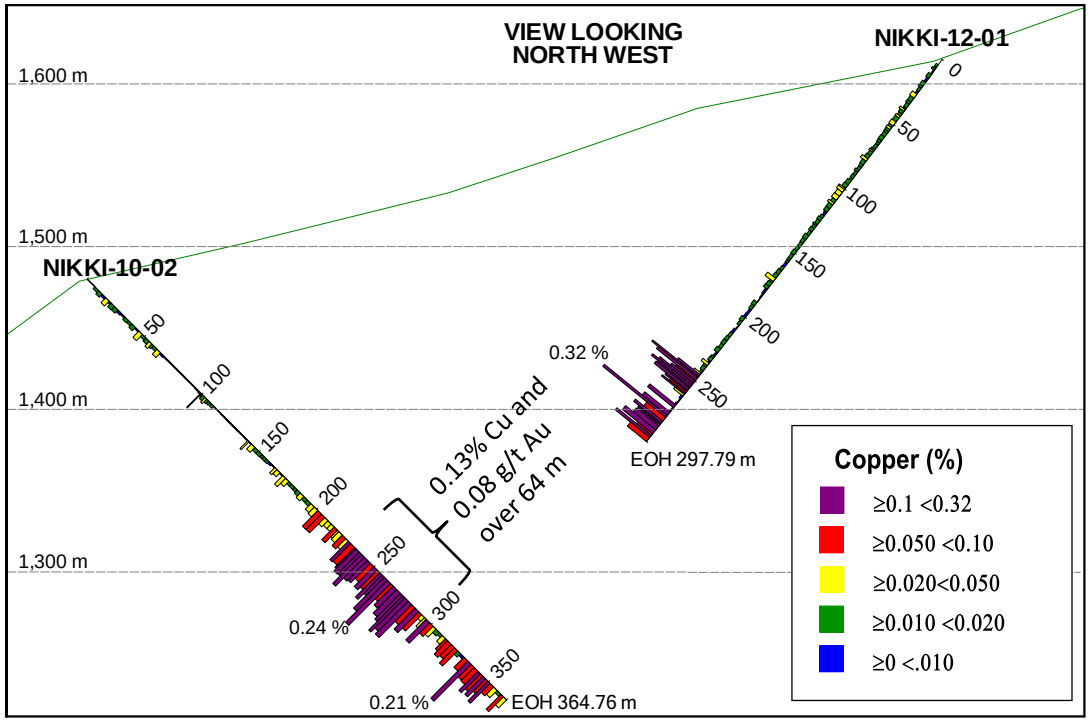
Nikki Project – Next Steps

In 2010, a helicopter-borne radiometric and magnetic survey was flown over the project

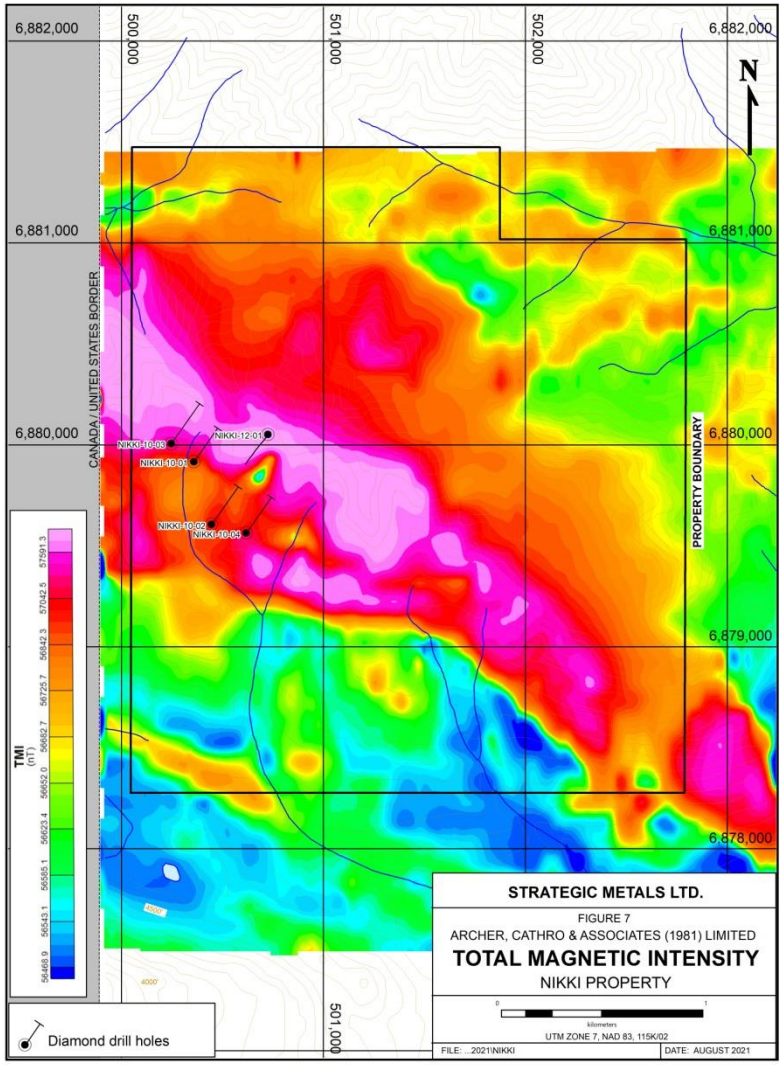
The target is modeled as a alkaline-type porphyry, and a 3D inversion of the magnetic data should be completed in order to locate magnetite-bearing alteration that is typically associated with the strongest copper and gold grades

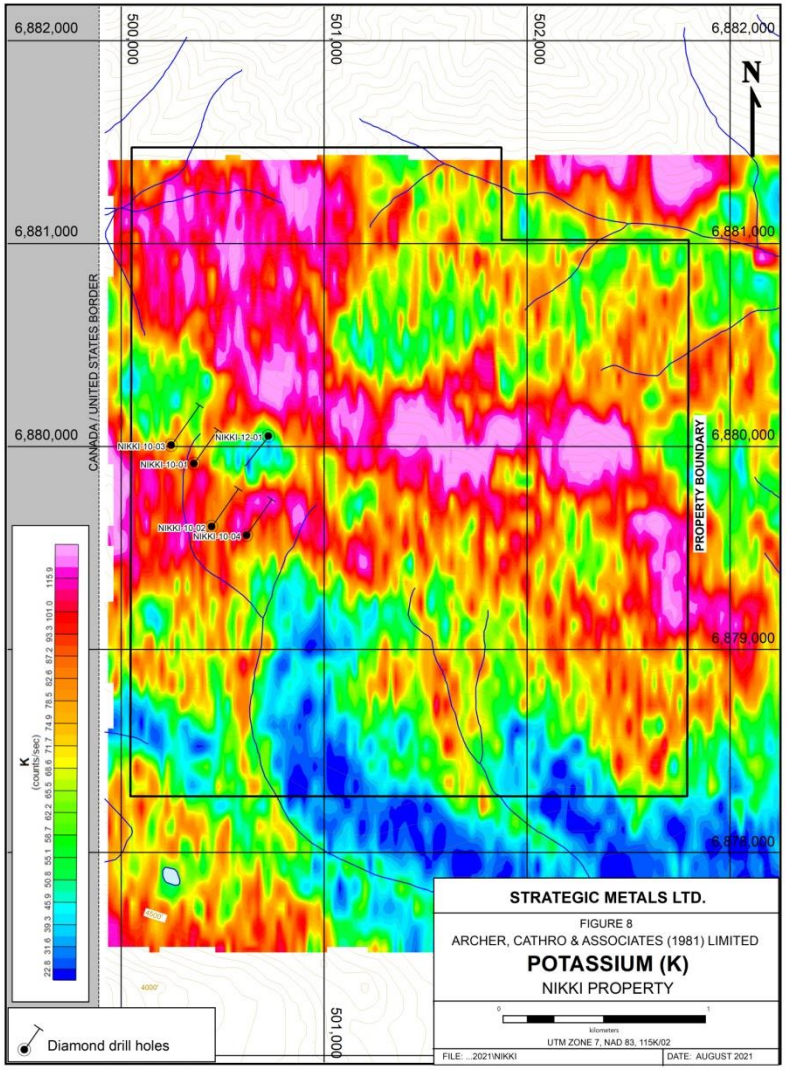
Follow-up diamond drilling should directed toward the buried mineralization encountered in NIKKI-10-02



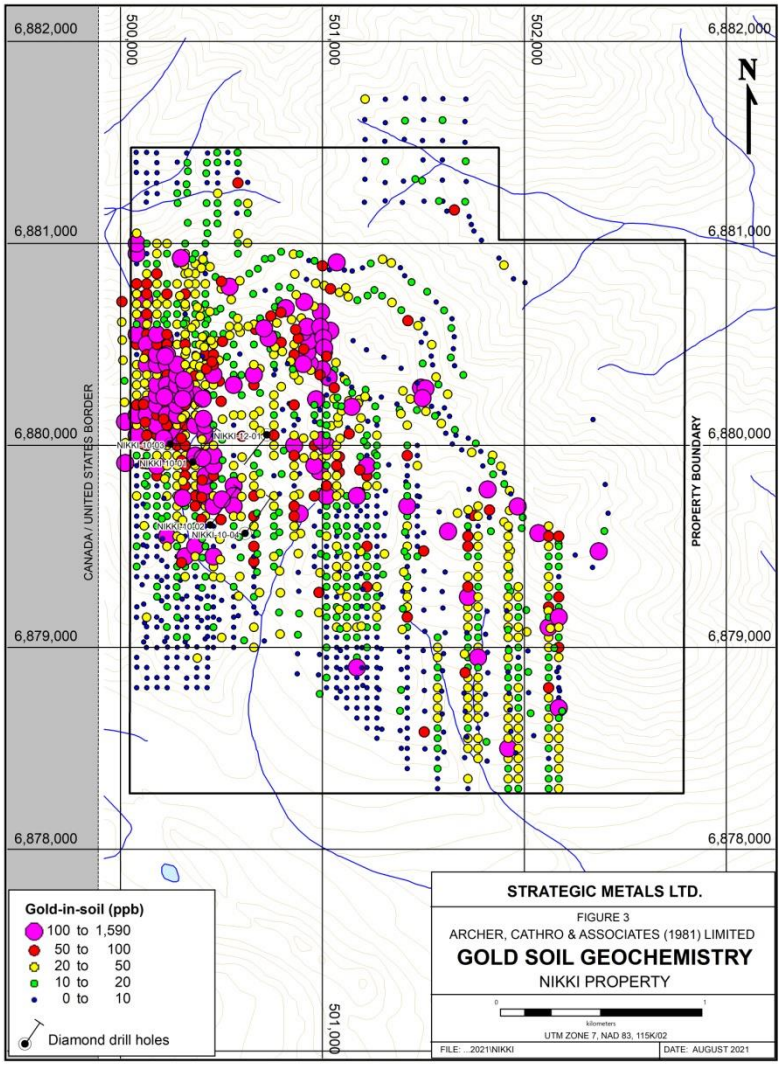


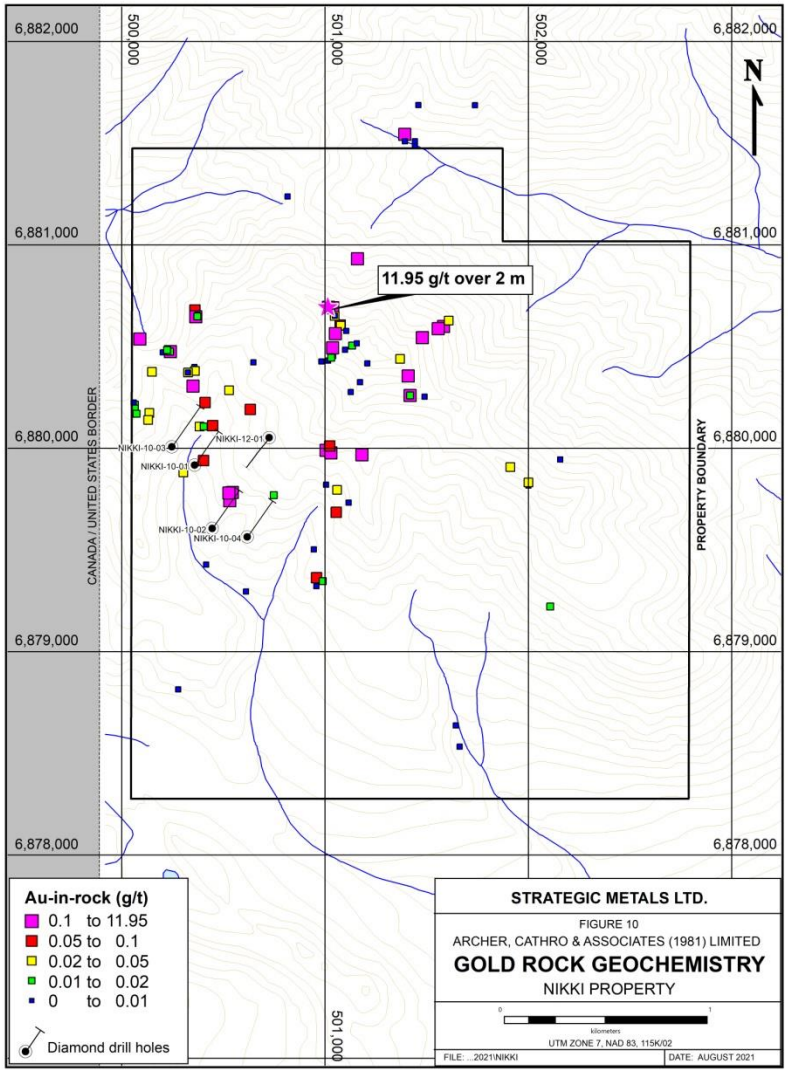
Nikki Project – Geophysics



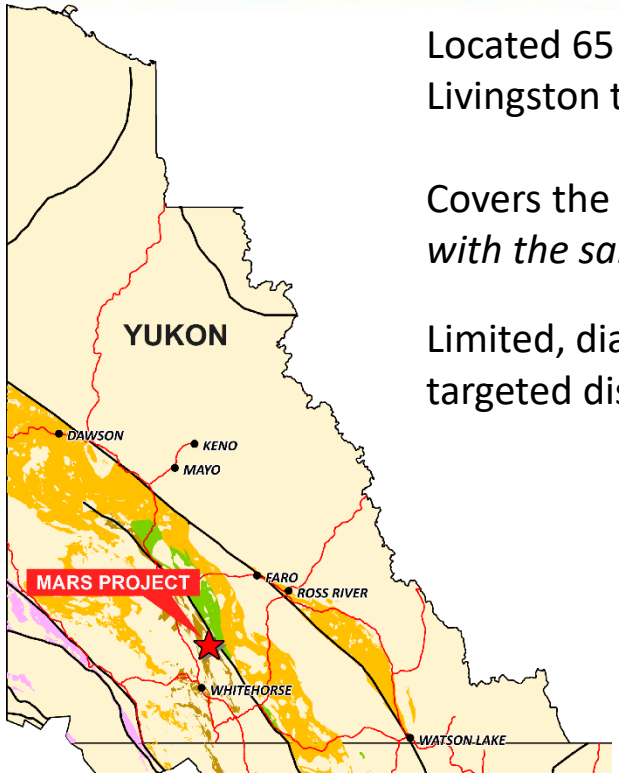


Nikki Project – Gold





Mars Project – Mt. Milligan Analogue in Southern Yukon



Located 65 km north-northeast of Whitehorse and five kilometres from the Livingston trail, a winter-only trail for tracked vehicles

Covers the complex, multi-phase Teslin Crossing pluton – *a Mt. Milligan analogue with the same mid-Jurassic age*

Limited, diamond drilling has been completed on the property to date, which targeted discrete vein, skarn and porphyry-type mineralization; results include:

- **0.24% copper and 0.17 g/t gold over 14.7 m** (Windy Ridge);
- **0.16% copper and 0.27 g/t gold over 23 m** (Windy Ridge);
- 0.01% copper and **6.44 g/t gold over 4.57 m** (Andrew Zone);
- and 0.03% copper, **0.66 g/t gold over 17.37 m** (Andrew Zone)

HAND TRENCHING AT THE ANDREW ZONE

Many of the drill holes demonstrate the presence of widespread, porphyry-diagnostic hydrothermal alteration

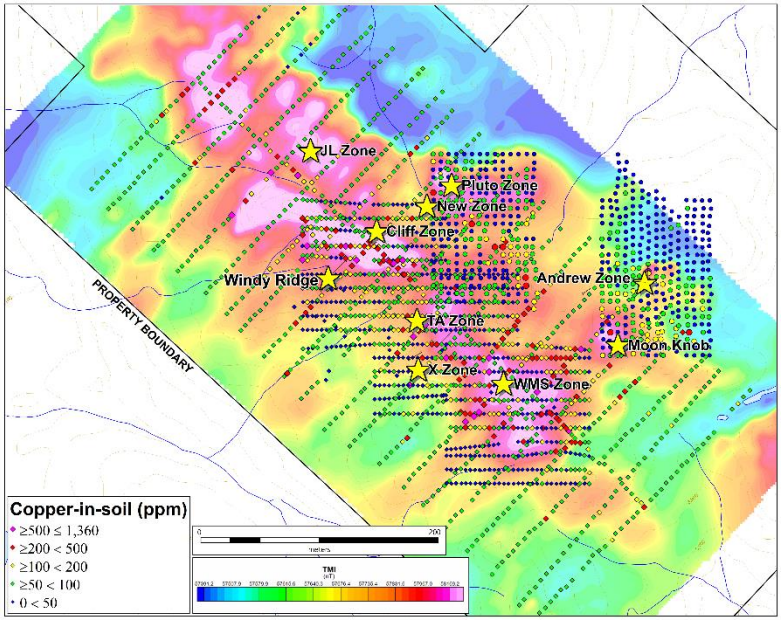
Magnetic response, geological mapping and surface mineralization correlates strongly with *elevated copper-in-soil geochemistry*, providing strong evidence of a porphyry copper-gold system

Mars Project – Next Steps

Historical work programs did not evaluate the 'big picture' potential of the project

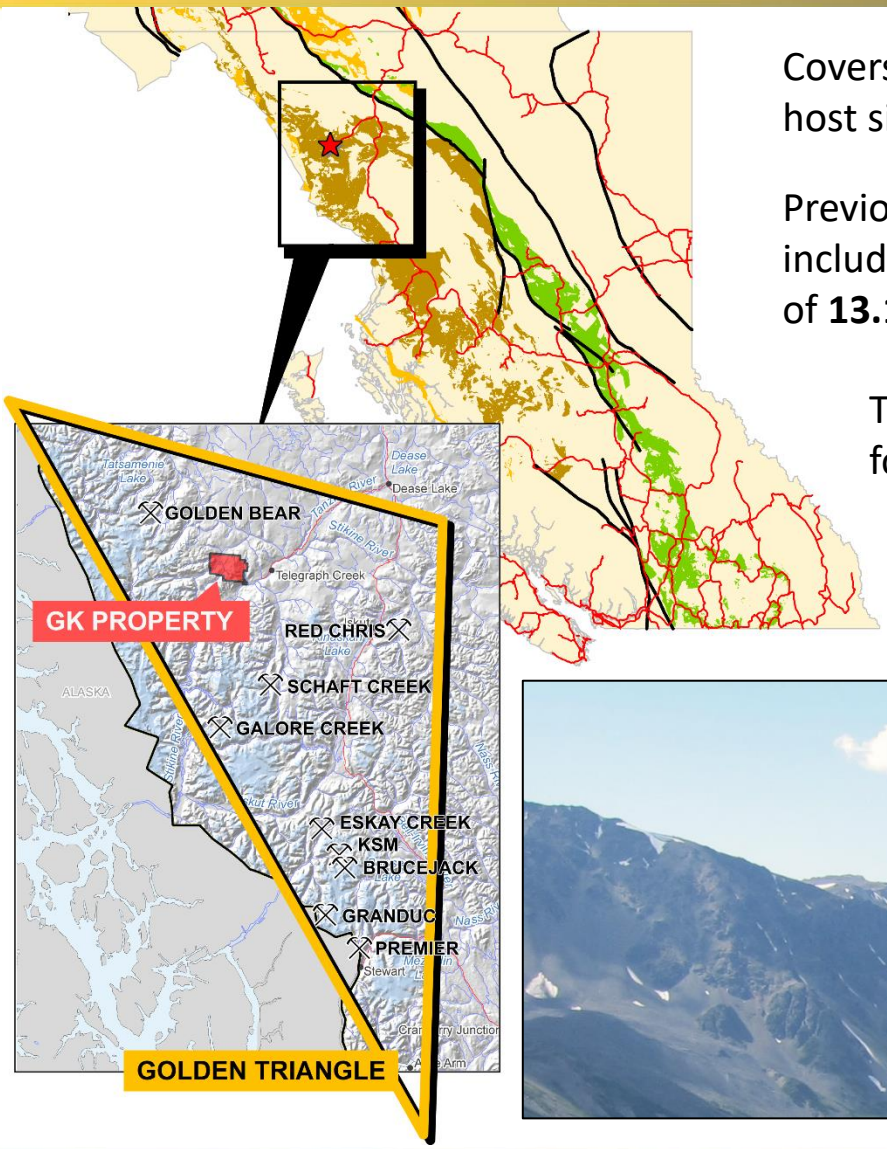
Future work should include detailed geological and alteration mapping, as well as a property-wide, 3D induced polarization (3DIP) survey

Much of the project is suited for tracked drilling and trenching equipment



Drill core from hole MARS-11-02, featuring: A) strongly potassic altered feldspar-hornblende porphyry, cut by chalcopyrite and pyrite veinlets (206.0 m); B) strongly altered monzonite, cut by biotite-chalcopyrite veinlets with k-feldspar selvages (208.9 m); C) potassic altered monzonite with biotite-chalcopyrite veins, cut by a late quartz vein (216.4 m); and D) strongly potassic altered monzonite, cut by quartz-biotite-chalcopyrite-molybdenite veinlets (231.3 m)

GK Project – Copper and Gold in the Golden Triangle



Covers Late Triassic to Early Jurassic intrusive rocks known to host significant copper-gold deposits in the *Golden Triangle*

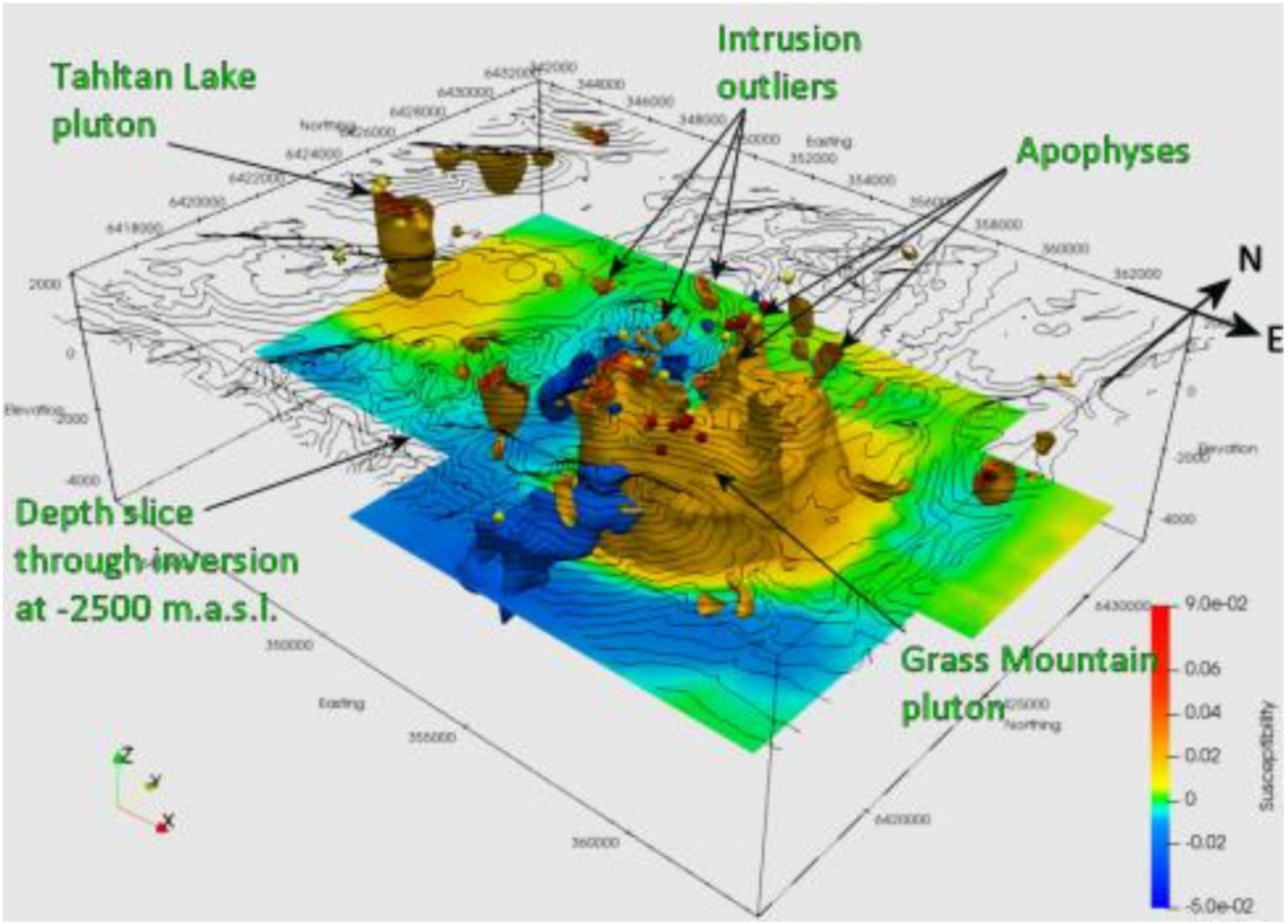
Previous work was directed toward gold-bearing veins, including a two-hole drill program with a highlight intersection of **13.1 g/t gold and 6.05% copper over 0.74 m**

The project covers a *very large* copper-gold geochemical footprint

Strategic is developing numerous porphyry targets on this camp scale project

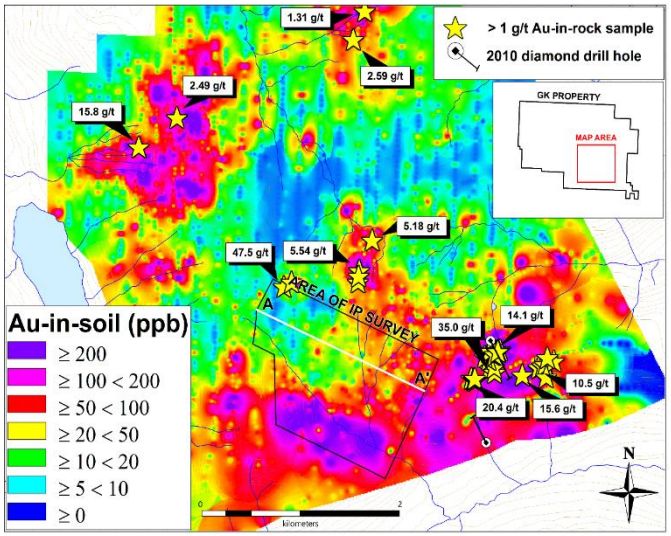
GK Project – Magnetic Survey

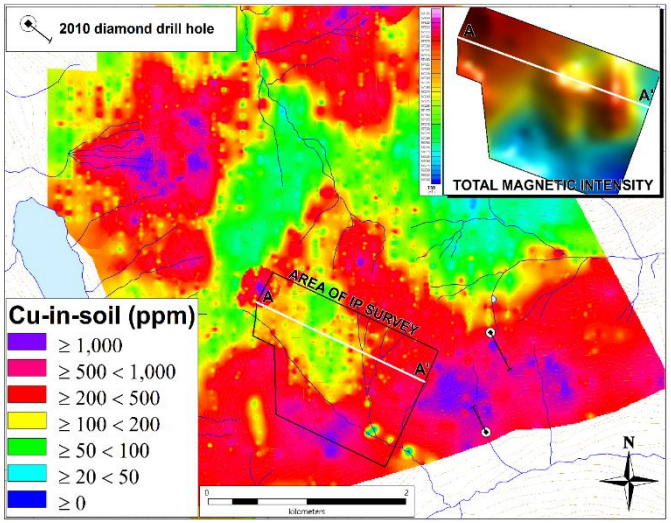
Isosurface contour map of coarse Mag3D Inversion



● Strategic Metals showing ● BC Minfile showing

GK Project – Next Steps



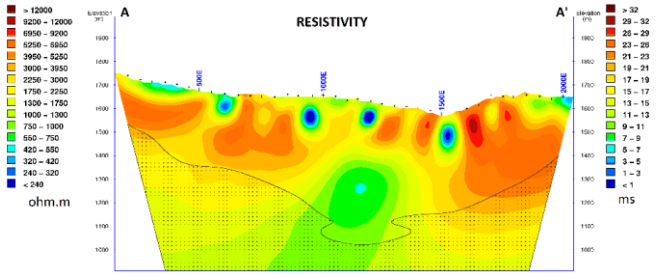


A historical airborne magnetic survey identified a pronounced, circular-shaped high within one of the most geochemically anomalous drainages on the property

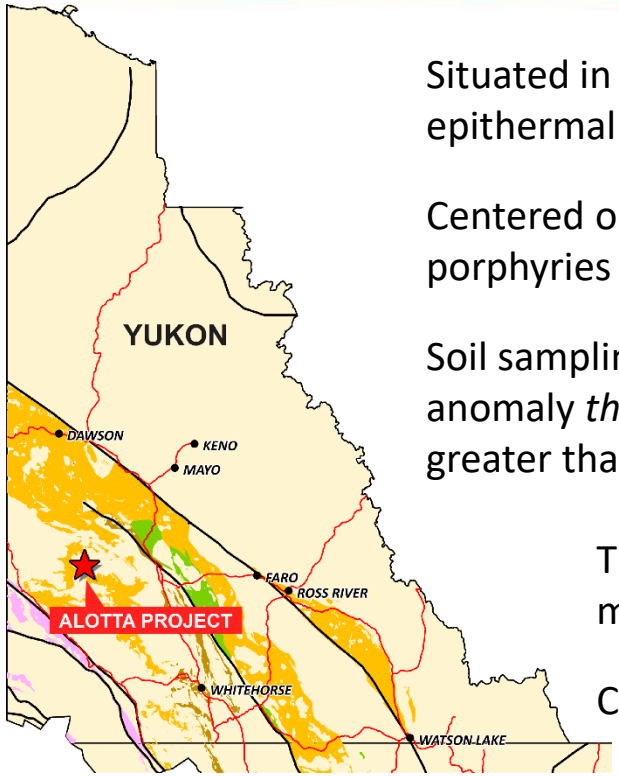
In 2018, an induced polarization (IP) survey defined a steeply dipping resistivity low and associated chargeability high, down-dip of the magnetic high, *characteristic of buried, porphyry copper-gold mineralization in the district*

In 2021 geochemical sampling and mapping was done in the vicinity of porphyry targets identified by the 3D interpretation of property wide magnetic data

No drilling has been done on any of the porphyry targets – making GK one of the few untested porphyry prospects in the *Golden Triangle*



Alotta Project - Compelling Undrilled Porphyry Target



Situated in a highly prospective belt of rocks known to host numerous porphyry and epithermal vein occurrences – *including the Casino, Klaza and Revenue deposits*

Centered on a pronounced magnetic low that is characteristic of calc-alkaline porphyries in the region

Soil sampling has identified a 4 km long by 1.6 km wide copper-gold-molybdenum anomaly *that remains open in most directions,* with many samples returning values greater than 200 ppm copper (**up to 459 ppm**) and 100 ppb gold (**up to 2,680 ppb**)

The project lies below treeline in an area that has not been glaciated, and most of the rock samples are oxidized and leached

Copper values are expected to be depleted, while gold values are stable

Hand-pit samples of silicified granodiorite have yielded **up to 0.35% copper and 1.21 g/t gold**

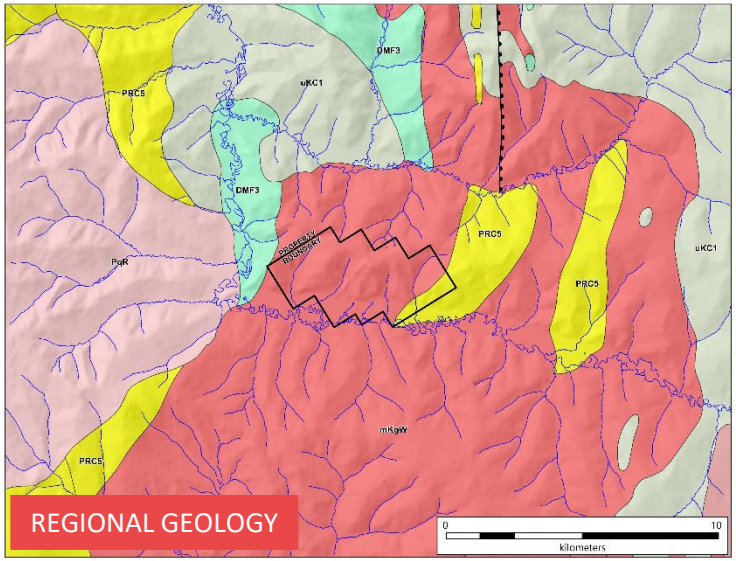
The project has never been drilled or explored with mechanized equipment

Alotta Project – Next Steps

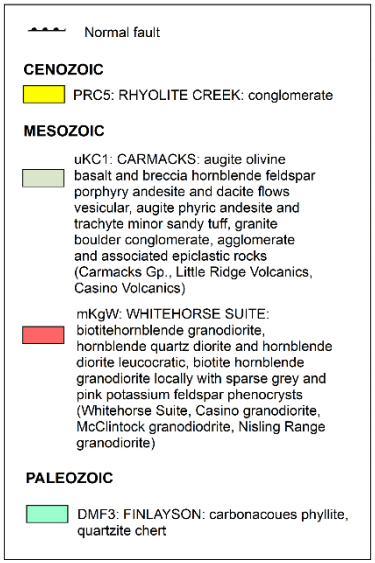
Prior workers conducted an IP survey with low-power equipment on widely-spaced lines, resulting in a shallow, inconclusive analysis

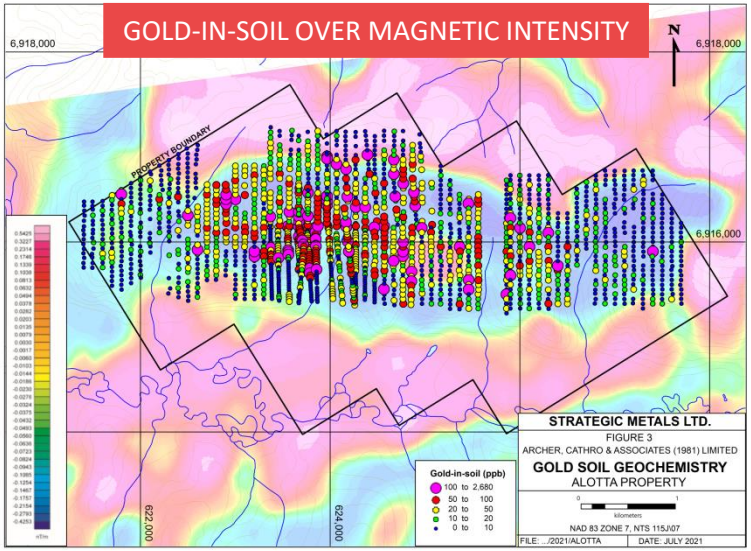
A modern 3DIP survey, covering the entire area of the geochemical anomaly, should be performed

The strongest rock and soil geochemical sites should be excavated using mechanized equipment, followed by drilling using a self-propelled machine

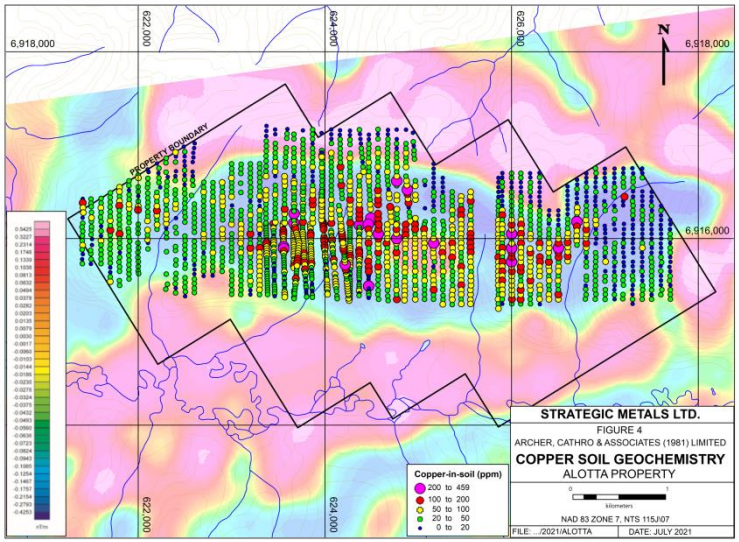


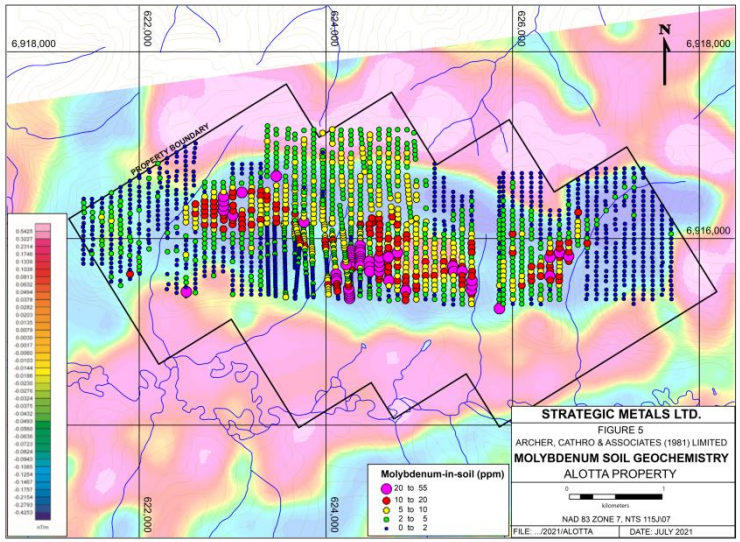
REGIONAL GEOLOGY

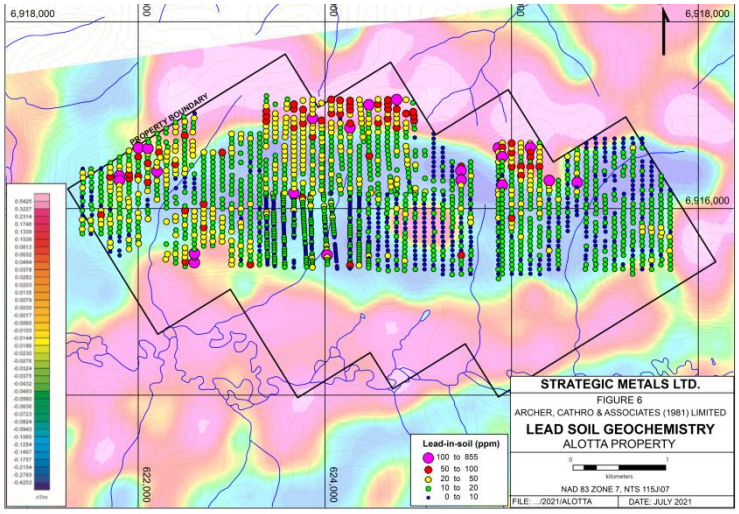


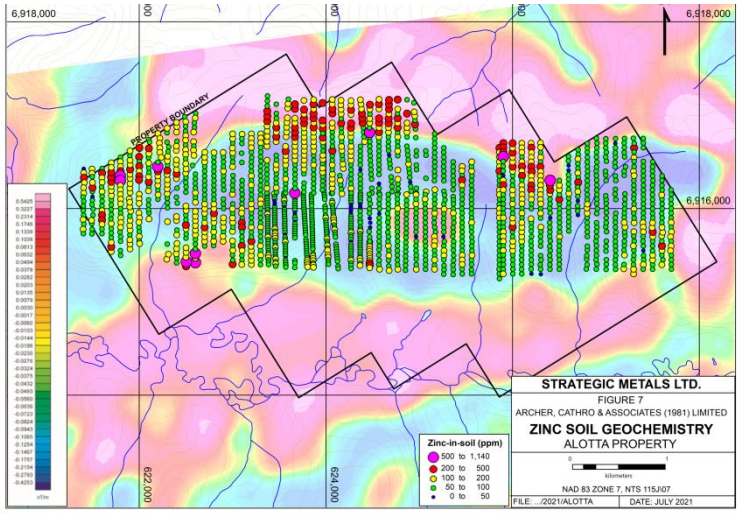


Alotta Project – Geochemistry

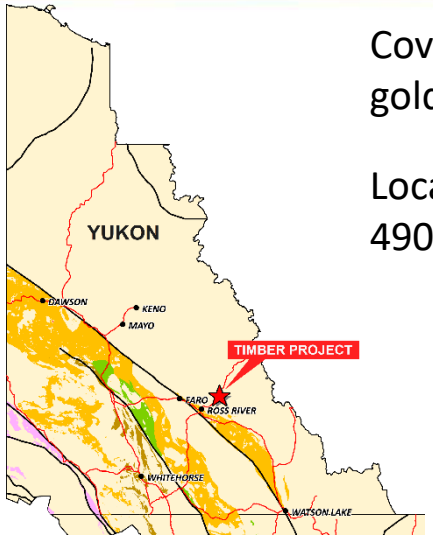








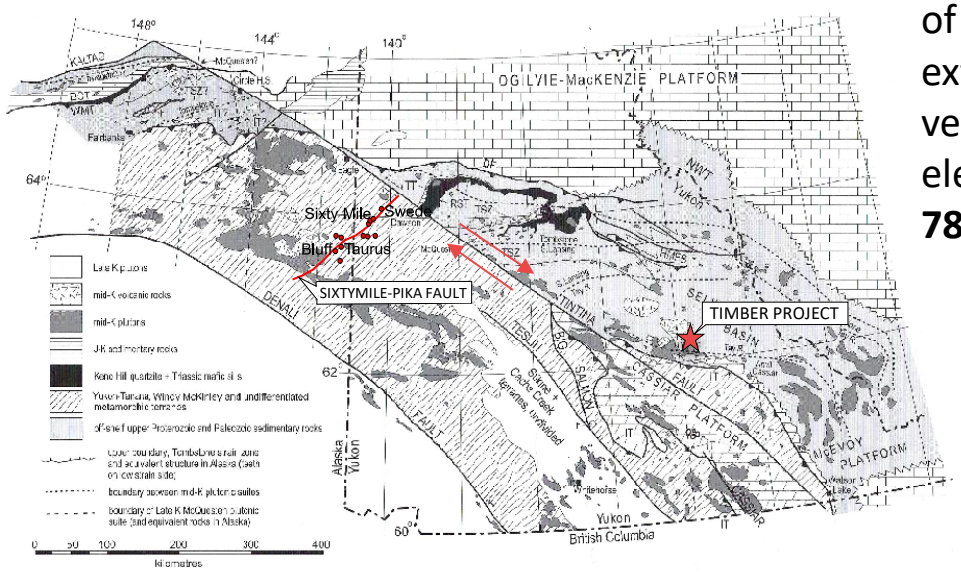
Timber Project – High-Level Porphyry Mineralization



Covers a mid-Cretaceous pluton associated with a large system of high-level copper-gold-molybdenum stockwork veins, copper-bearing breccias and silver-zinc-lead skarns

Located on the northern side of the Tintina Fault, a crustal-scale structure with up to 490 km of dextral displacement, at least 430 km of which occurred in the Eocene

Restoration of Eocene displacement along the Tintina Fault realigns Timber on the *Sixtymile-Pika fault system*, an important structure that is a locus of porphyry and epithermal mineralization – *such as the Taurus porphyry copper-gold deposit*



Three short diamond drill holes have targeted an area of hornfels, cut by rhyolite porphyry dykes and an extensive network of quartz-chalcopyrite-molybdenite veins, where rock samples have returned strongly elevated vales for copper (**up to 0.76%**), gold (**up to 780 ppb**) and molybdenum (**up to 418 ppm**)

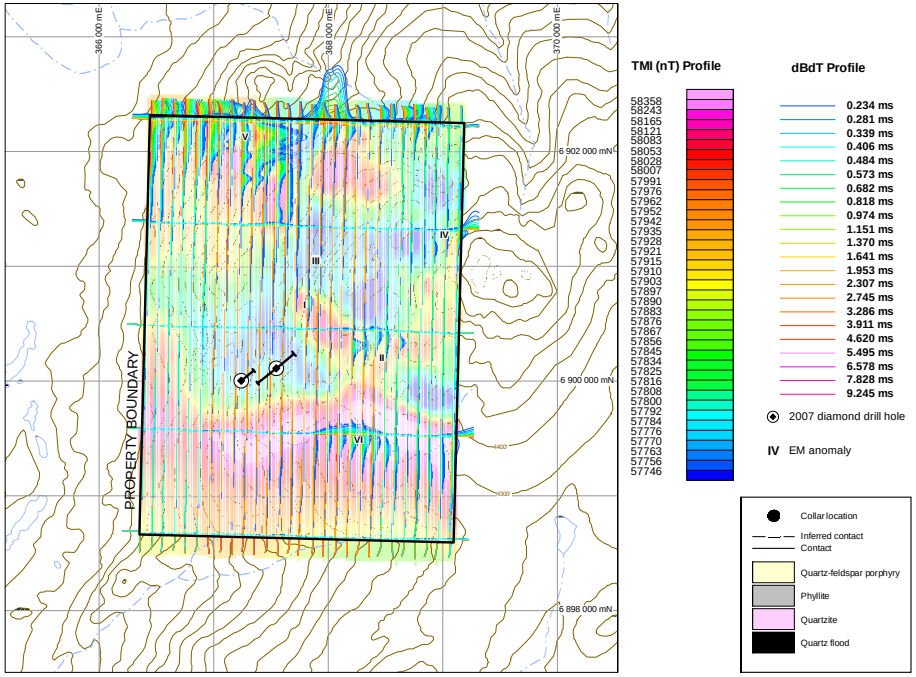
All three holes intersected a roof pendant of hornfels and an underlying, weakly chlorite-pyrite altered quartz-feldspar porphyry with an elevated copper, gold and molybdenum response

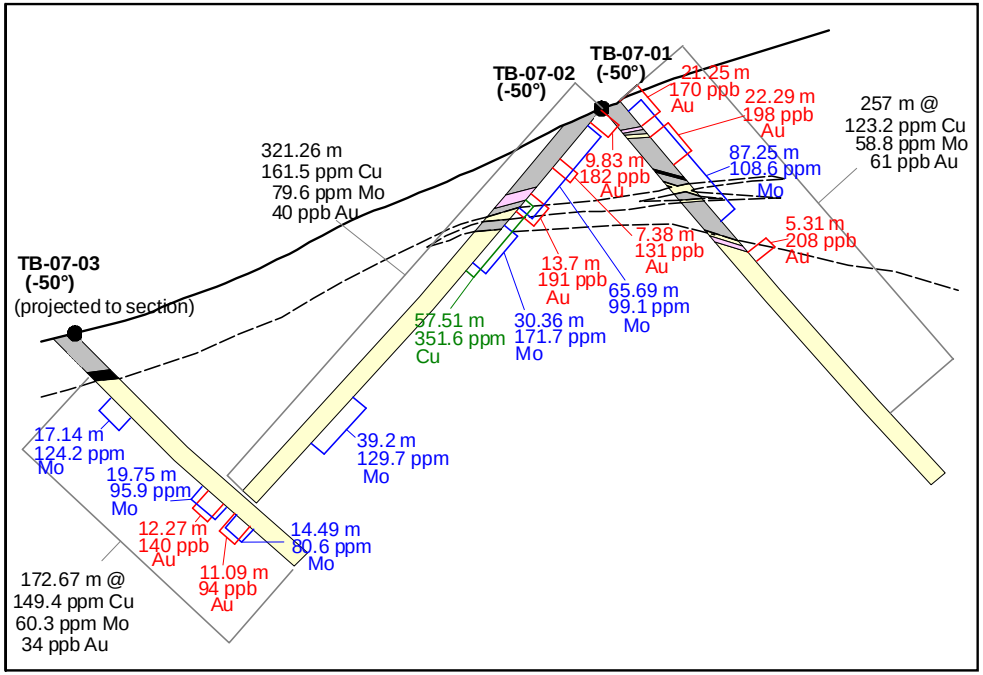
Timber Project – Next Steps

A helicopter-borne electromagnetic (VTEM) survey was conducted across the property in 2008, identifying several magnetic and electromagnetic anomalies *that have never been drill tested*

Soil geochemical surveying has yielded a strong copper response coincident with the known mineralization and geophysical anomalies, but is limited by permafrost, marshy areas and localized glacial material

Systematic, shallow, track-mounted percussion drilling would be a cost-effective, first-pass tool to help vector toward the heart of the system





Going Forward

All of the projects in this presentation are owned 100% by Strategic, and only the Mars project has an underlying royalty (1% NSR)

The targets span a broad range of geological environments, *including established porphyry camps, as well as frontier districts with a first-mover advantage*

Strategic also owns several other porphyry targets and is open to joint ventures, options or outright sales of any or all of its porphyry projects

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