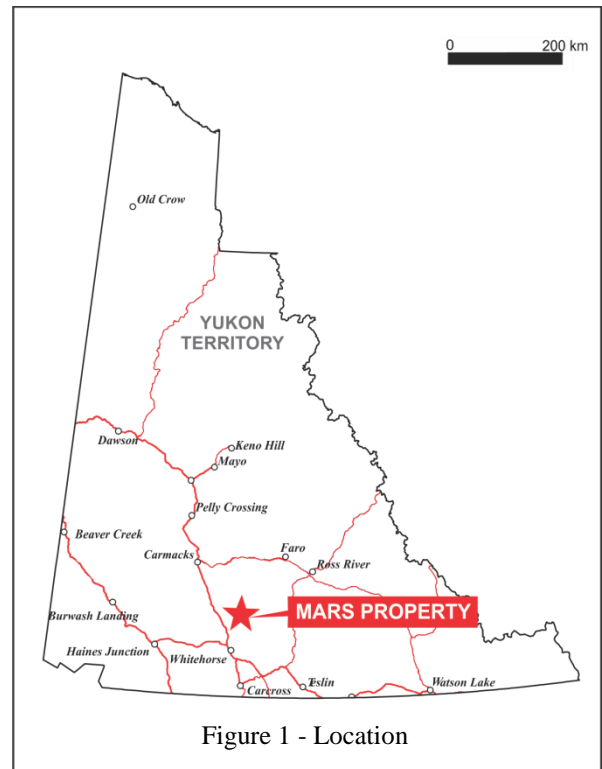


MARS PROPERTY

Mid Jurassic Porphyry in Northern Stikinia

Strategic Metals' Mars property is copper-gold-molybdenum porphyry and epithermal vein prospect located in southern Yukon Territory. It lies 65 km north of Whitehorse (Figure 1), and five kilometres north of the Livingstone Trail, a winter-only trail suitable for tracked vehicles. The property covers a 19 sq km area and is permitted for drilling.

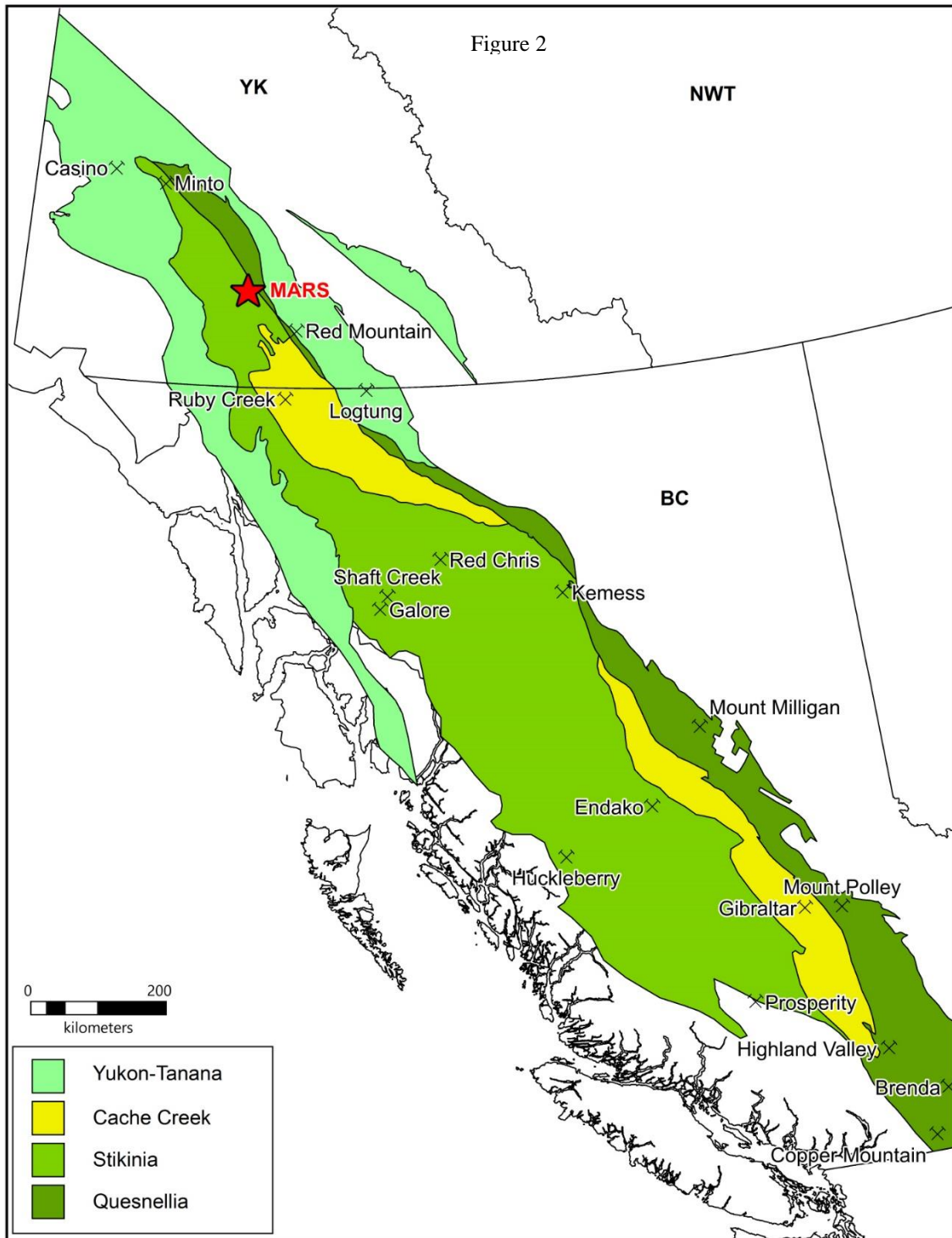
The Mars property cover gentle to moderate topography and most of it lies below tree line.



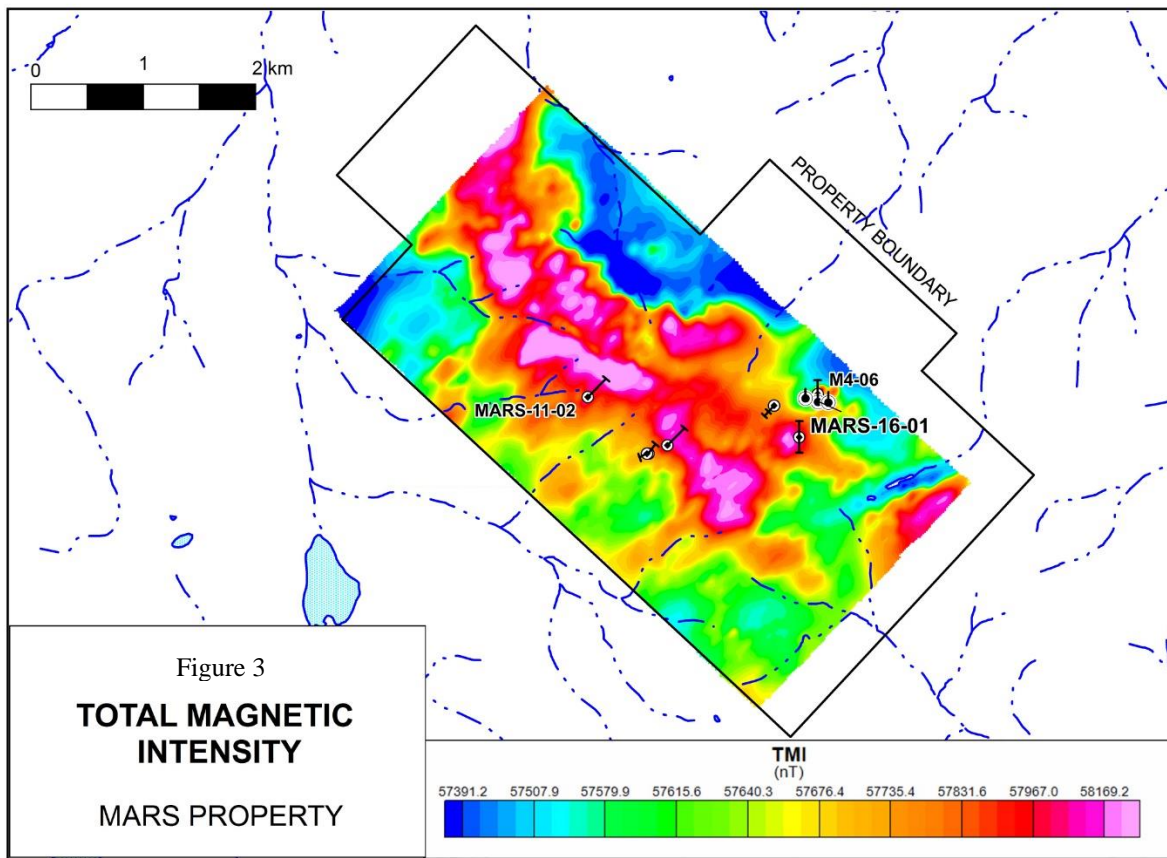
The property is situated in the northern part of Stikinia, an accreted island arc terrane that extends from southern Yukon to southern British Columbia. This terrane hosts a number of major copper-gold porphyries including Red Chris, Galore Creek, Shaft Creek and Copper Fox in BC and Minto in Yukon (Figure 2).

In Yukon, Stikinia is mainly comprised of Upper Paleozoic and Triassic volcanic arc rocks. Erosion from uplifted arc rocks filled an adjacent basin, known as the Whitehorse Trough, with up to 7 km of clastic and carbonate strata that include the Tanglefoot Formation of the Laberge Group. On the Mars property, the Tanglefoot Formation is comprised of shallowly dipping limey shales and siltstones with cherty sandstone beds and minor coal seams. An Early to Middle Jurassic intrusion, named the Teslin Crossing Pluton, cuts the Tanglefoot Formation. This pluton features a varied and complex central phase and a border phase, both of which exhibit pervasive potassic alteration.

Chalcopyrite is found in carbonate veinlets, on fracture faces and as disseminations within potassic altered plutonic rocks. Molybdenite is confined to fractures.



Geophysical surveys completed on the property have shown that the border phase of the pluton has a strong magnetic signature (Figure 3) and that the pluton likely extends beneath relatively shallow southwest dipping sediments of the Tanglefoot Formation. Chargeability and resistivity anomalies identified by an IP survey are attributed to elevated contents of pyrite and pyrrhotite in hornfelsed sedimentary rocks along the south dipping contact of the pluton.



Soil geochemical sampling on the property has returned moderately to very strongly anomalous values including peak values of 1360 ppm copper, 485 ppb gold and 120 ppm molybdenum. In general, anomalous gold-in-soil geochemistry corresponds better to higher magnetic response than it does to copper values.

A total of 11 diamond drill holes have been completed on the property (Figure 2). A 2004 intercept from hole M4-06 returned 6.435 g/t gold over 4.57 m across a magnetite- and pyrite-rich vein, which lies directly beneath a small magnetic high. A 2016 intercept from hole DDH-16-001 returned 2.24 g/t gold over 3.05 m. Hole DDH-16-001 was drilled 50 m behind M4-06 on the same section line. Cyanide tests revealed gold recoveries between 73.7% and 91.9%, on relatively low grade core from hole DDH-16-001.

Drilling in the southern part of the property returned two intervals with porphyry style mineralization and alteration from hole MARS-11-02. One interval averaged 0.27 g/t gold, 0.16% copper, and 0.028% molybdenum over 23.07 m; and, the other interval graded 0.17 g/t gold, 0.25% copper, 2.03 g/t silver and 0.028% molybdenum over 14.75 m.



The Mars property covers an alkali pluton that is similar in age and chemical composition to plutons that host major porphyry copper-gold deposits elsewhere in Stikinia. The property is well located logistically, but has received little exploration considering the encouraging soil, rock and drill core results and favourable geophysical signatures. Future work on the property should follow up the high-grade gold intercept obtained from the magnetite- and pyrite-rich vein and continue to assess porphyry potential. The property would benefit from additional grid soil sampling and detailed geological mapping.

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FOR MORE INFORMATION ON THIS PROPERTY



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