

HIGHLIGHTS

# Lemon Lake Project

Drill-ready, copper-gold alkalic porphyry target in the prolific Quesnel Belt



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## THE OPPORTUNITY

- A fully permitted, alkalic porphyry target on trend with the Mount Polley Mine (M&I 247 Mt grading 0.27% copper and 0.26 g/t gold) in association with similar host volcanic and intrusive rocks
- Sporadic and underfunded historic exploration indicates the existence of a significant porphyry system but has focused on conservative outcrop-centric targets in a largely overburden covered terrain
- A never before drill tested blind target consists of a 1700 metre northeast to southwest trending coincident chargeability and magnetic anomaly
- Historic drill hole on edge of chargeability zone returned 21.3 metres at 0.25% copper (no gold assays)
- 2022 drilling intersected copper and gold enriched potassically altered Monzonite dykes peripheral to the main target
- Lemon lake represents a compelling drill-ready, copper-gold porphyry target in an operating mine district with all season road access



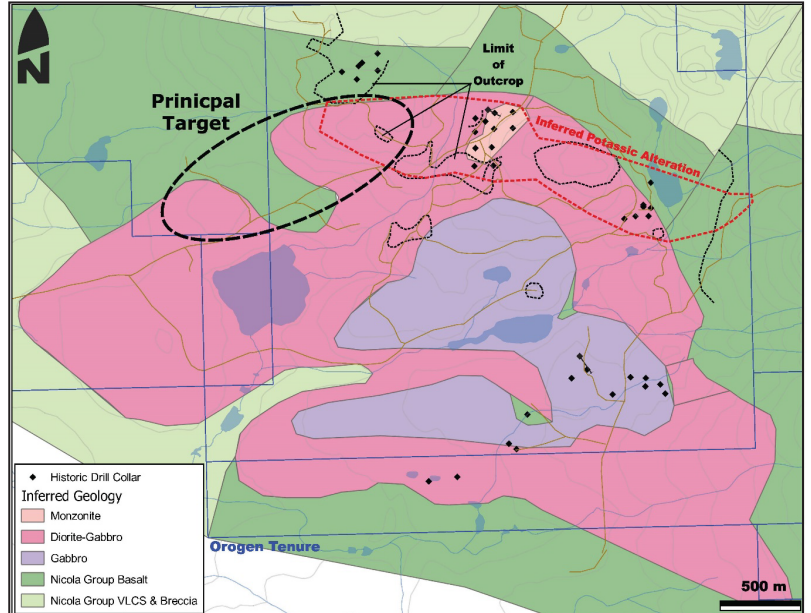
### LEMON LAKE LOCATION



The project covers 2,646 hectares in central British Columbia, 80 kilometres east of Williams Lake, BC. The project is adjacent to the Woodjam deposit cluster (Vizsla Copper) and 35 kilometres southeast of Imperial Metals Mount Polley mine.

## LOCAL GEOLOGY & ALTERATION

- Located in the southern part of the prolific Quesnel belt host to both calc-alkaline and alkalic porphyry systems including Hyland Valley and New Afton
- Targets are poorly exposed due to widespread glacial cover with between 2% and 5% outcrop on the property
- Fifteen square kilometre Late Triassic to Early Jurassic composite pluton. Early phases of gabbro and diorite cut by at least two phases of monzonite porphyries, local monzonite breccias and late monzonite-syenite dykes
- Moderate K-feldspar and biotite alteration, chalcopyrite and pyrite associated with the monzonite porphyry bodies
- Quartz veining is absent consistent with a quartz undersaturated alkalic system



## LEMON LAKE PRINCIPAL TARGET

- Over 1700-metre-long northeast striking (>17mV/v) chargeability anomaly identified in 2011 IP survey in an overburden covered area never tested by drilling
- Greater than 25mV/v lobes correspond with moderate magnetic highs
- Drilling on the periphery of the IP anomaly returned up to 0.25% copper over 21 metres (74L-4)
- Corresponds with elevated copper in historic soil samples
- Principal target has never been drill tested

