



MAGNIFICENT SLEEPER KNAPP (SMK) PROPERTY

Exploration Potential & Investment Highlights

- **Dual Target Potential:** Low-sulfidation epithermal Au-Ag and porphyry Cu-Mo-Au
- **Large Underexplored Area:** Veining, alteration, and geochemistry all supportive of active hydrothermal systems
- **Target-Ready:** Multiple kilometer-scale targets identified—Anomaly 5 especially compelling
- **Low Cost Advancement:** Follow-up trenching and initial drilling expected to be logistically straightforward
- **Proximity to Infrastructure** including power transmission lines and all season access roads

Exploration Summary

Key Work Completed:

- Multiple campaigns of targeted prospecting have defined mineralized veins of significant width and length.
- 687 rock assay samples (lab analyzed)
- 184 XRF rock chip samples

MINERAL FEATURES & TARGET ZONES

Geological Context

- Situated within the **Nechako Basin** and **Stikine Terrane** of the Intermontane Belt.
- Hosts a mix of **Kasalka Group volcanic rocks**, **Ootsa Lake and Endako Group volcanics**, and the **Cabin Lake Monzonite pluton**.
- Widespread alteration zones (epidote/chlorite, sericite, clay, pyrite, manganese).
- Quartz veining is common—epithermal-style banded quartz veins and stockworks.

Geochemical Targets Identified

Magnificent Vein Trend

- **5 km long x 2.2 km wide zone**, NS trending veins extending into contact zone with Cabin Lake Pluton
- Polymetallic signature: Au, Ag, Zn, Pb, Mo, Bi, Te, Se
- Coincides with quartz veining and alteration within rhyolitic tuffs
- **Recommended Follow-Up:** Trenching and drilling

Sleeper Vein Trend

- Silver- and lead-anomalous zones trending NE
- Include isolated gold anomalies, grabs up to 13 gpt and 26gpt gold at NE and SW extremities
- Associated with VLF geophysical trends

