

V8 → Funken Groovin  
(new)

# GEOLISTING BRITISH COLUMBIA, Canada®

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GEOLISTING®			
FUNKEN GROOVIN	Cu Zn Au Ag	VMS	BRITISH COLUMBIA
<p><b>Geology:</b>x REGIONALLY: within King Salmon allocthon, a thrust- and fault-bounded assemblage of Permian to Lower Jurassic volcanics and lesser intrusives overlain by a sedimentary package.</p> <p>King Salmon terrane comprised of:</p> <ul style="list-style-type: none"> <li>a) Kutcho Fm a primitive island arc sequence of mafic-felsic tuffs and breccias, capped by</li> <li>b) tuffaceous argillite, argillite and conglomerate, conformably overlain by</li> <li>c) Late Triassic Sinwa Fm limestone, which is overlain by</li> <li>d) Jurassic Inklin Fm calcareous clastics.</li> </ul> <p>Tight southwest-verging folds are related to the thrusting that emplaced the allocthon.</p> <p><b>PROPERTY:</b> underlain by Kucho Fm. intercalated assemblage felsic to intermediate volcanics and clastic sediments</p> <p>Consisting of a) massive rhyolite, b) chlorite schists, c) quartz-sericite schist d) hematitic iron formation, e) tuff-argillite, f) conglomerate, and g) Sinwa Fm. limestone.</p> <p>Chlorite schists may be andesitic volcanics or hydrothermally altered felsic volcanics.</p> <p>Presence of quartz-eyes suggest it may represent altered quartz-phyric felsic flow/crystal tuff.</p> <p><b>DEPOSITS:</b> Kutcho Creek VMS deposit 85 km east-southeast of the property, comprises three massive sulphide lenses. Largest lens contains 17 million tonnes of open-pittable reserves grading 1.62% Cu, 2.32% Zn, 0.3 g/t Au and 29.2 g/t Ag.</p> <p><b>Mineralization:</b>x Sericite-pyrite-chlorite-carbonate alteration common throughout schistose units. Chlorite alteration in some schists may represent footwall Mg-enrichment (common in VMS deposits) Siliceous sulphide layer? vein? material in chlorite schist assayed 9.33% Cu. This mineralization is proximal to malachite-stained quartz-sericite schist and is associated with weak soil geochemical anomaly.</p> <p>Chlorite-leucoxene-carbonate schist with 6% chalcopyrite (blebs and pre-deformational stringers) returned 2.16% Cu, may represent footwall stringer zone.</p> <p>Also observed: iron formation (float) consisting of martite, specularite and jasper bands and</p> <p>malachite-stained cryptocrystalline quartz of an undetermined origin.</p> <p><b>Work:</b>x 1978: grid establishment, soil sampling, vertical shootback EM, geological mapping</p> <p>1986: geological mapping, ground magnetometer and SE-88 EM surveys</p> <p>1990-91: prospecting</p> <p>1996: prospecting</p> <p><b>Results:</b>x Soil sampling (1978) outlined several coincident Cu-Zn soil anomalies including a 400 by 700 m anomaly associated with a rusty chlorite schist containing 4935 ppm Cu and near footwall(?) stringer mineralization (above). Also present is a 500 by 100 m Zn-Cu anomaly. Two conductors on the Funken claim are related to a graphitic argillite and a</p>			

foliated chloritic schist with heavily disseminated pyrite.

**Property Details & Access:**x 27 units, 675 hectares

Helicopter from Dease Lake

From Stewart-Cassiar Hwy bulldozer tote roads come to within 2 km of the property.

Stewart-Cassiar Highway and an unfinished BC Rail right-of-way.

**Detail Location:**x 15 km east from Dease Lake

Liard Mining Division, in northern B.C.

centred at 58°26'N, 129°44'W

(UTM 6477 000 m N, 458 000 m E)

**Other Comments:**x Funken and Groovin property lies within an underexplored terrane prospective for Cu-Zn VMS deposits.

Like the Kutcho Creek VMS deposit, the property occupies the highest volcanic cycle of the Kutcho Formation bimodal volcanic sequence. Chloritized felsic schists may represent Mg-enrichment common in the footwall of VMS deposits. Locally, these chlorite schists contain blebby and stringer chalcopyrite, resembling a footwall stringer zone. Cu-Zn geochemical anomalies occur with felsic and mafic schists. Iron formation observed on the property is consistent with distal exhalative deposits associated with VMS mineralization.

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