

SAN MATEO PROPERTY

826552

Vancouver Island, B.C.

The San Mateo property is a polymetallic skarn occurrence located 17.5 km southeast of the Franklin Camp.

The claims are underlain by eugeosynclinal rocks of Triassic to Jurassic age. Calcareous argillites belonging to the Quatsino Formation of upper Triassic age overlie the Karmutsen volcanics and both of these are cut by diorite and felsitic intrusives. In the southern part of the claim group coarse grained diorites of the Jurassic Island Intrusion predominates. Overlying the Quatsino Formation are andesite flows and pyroclastics of the lower Jurassic Bonanza Group.

Within both the Quatsino limestone and the Bonanza rocks there is abundant manifestation of skarnification. Calc-silicate minerals occur as veins as well as pervasive mineral assemblages in both the Quatsino and Bonanza rocks. Frequent marbolization of the more massive limestone members occurs in the northern part of the claim group.

The main zone of skarn coincides with a fairly large multi-element soil geochemical anomaly. Anomalous Cu, Pb, Zn and Ag values define a fairly large zone of interest.

Polymetallic skarn mineralization is observed locally in small pods within both Bonanza and Quatsino rocks. Values exceeding 2% Cu, 5% Zn and 1 oz Ag/ton as well as traces of gold were found in selected rock specimens in a number of localities throughout the property.

The property is felt to be an exploration target for polymetallic skarn mineralization.