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VMS PROPERTY DESCRIPTION

The VMS property is located in costal B.C. A major company historically held all claims to the northwest and southeast of the property.

Access to the Upper showings is via helicopter. A logging road reaches the southern boundary of the claims approximately 1 km from the lower adit. The property is in close proximity to tide-water.

Massive sulphide showings were discovered on the property in 1928 and numerous prospecting programs carried out until the property was initially drilled by a junior company in 1967. Drilling intersected mineralization below surface trenches. Several geophysical programs were conducted by various operators until 1980.

The claims were then acquired by a major company who conducted mapping, stream sediment and soil geochemical sampling during 1983. Known polymetallic Ag +/- Au sulphide showings exposed in two areas (Upper and Lower Adit Zones) located 800 m apart and separated by 300 m of vertical relief in precipitous terrain were trenched and sampled. The major company drilled 9 holes (900 m) in the vicinity of the Upper Adit Zone in 1984. Drilling outlined three en-echelon, stratabound, sulphide zones up to 30 m wide and aggregated 120 m in length. Massive sulphides occur in brecciated and altered (quartz-chlorite-epidote +/- garnet) banded argillites at or near contacts with chloritic altered flows intruded by dioritic dykes and sills. The sulphide zones consist of high grade polymetallic lenses 2-3 m in width often carrying 200-400 g/t Ag and +10% combined metal. The best drill intersection was 0.79% Cu, 2.74% Pb, 1.61% Zn, and 135 g/t Ag over 12 m.

The major company concluded the mineralized zones were spatially related to the contact between chloritic volcanics and banded argillites and coincided with a series of subparallel EM conductors intermittently traceable for several km along the contact zone. The property was interpretation to be classified as VMS. Although additional work was recommended by company geologists, a management decision resulted in the major company pulling out of B.C. and no further significant work was done.

A property examination of the Upper Adit area was made by the author in 1993. Massive sulphide mineralization was observed outcropping and in trenches and was sampled at Trench 5 and at the Upper Adit.

At Trench 5, semi-massive pyrite, sphalerite and chalcopyrite and disseminated galena occur at the gradational contact between cherty argillites (with tuffaceous interbeds) and chloritic tuffs (containing cherty argillite and tuffaceous interbeds). Approximately a 4.5 m weighted sample interval from Trench 5 contains 5.0 o/T Ag, 1.2% Cu, 0.2% Pb and 1.9% Zn and is strongly anomalous in Cd.

At the North (Upper) Adit, lenses of massive chalcopyrite and sphalerite strike 240° and are concordant with the north trending cherty argillite sequence containing tuffaceous interbeds. Approximately a 4.6 m weighted interval assayed 66.8 o/T Ag, 0.7% Cu, 1.2% Pb and 1.8% Zn and was also strongly anomalous in Cd.

Orientation stream sediment samples were taken from the two creeks straddling the main North Zone. Near the vicinity of the 1984 drilling, one sample was strongly anomalous in Ag (2.0 ppm), Pb (286 ppm) and Zn (516 ppm) and moderately anomalous in Mo and Cd. Additional samples were also strongly anomalous in Cu, Pb, Zn and Ag. These samples were taken above the mineralization exposed in the North adit and indicate additional mineralization is present up-slope to the north.

As sample results and previous sampling and drilling indicate, impressive outcropping semi-massive to massive sulphide lenses of base metal containing significant Ag values are present at the Trench 5 and North Adit showings. A significant lateral and vertical extent of the zone has been previously reported and is also indicated by anomalous stream sediment results from drainages above the reported mineralization. Additional work is warranted.


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