

## TIDEWATER - COPPER QUEEN

The Tidewater-Copper Queen project is located in the Vancouver Mining Division. The elevation on the property ranges from sea level to 200 meters with the main showings at about 70 meters elevation.

The occurrences are on the mostly un-inhabited Cracroft Island near the boundary of the Coast Crystalline Belt and the Insular Belt. Volcanic rocks in the area have undergone regional green schist facies alteration.

SIGNIFICANT: Chalcopyrite Bornite Cuprite

COMMENTS: Massive chalcopyrite with Bornite, Cuprite, Gold, Silver

ASSOCIATED: Pyrite Magnetite

COMMENTS: Disseminated pyrite, magnetite, Chalcopyrite

ALTERATION: Malachite Azurite Carbonate

COMMENTS: Copper oxidation, veinlets and stringers.

ALTERATION: TYPE: Oxidation Carbonate

CHARACTER: Veins and possible VMS

CLASSIFICATION: Epigenetic Hydrothermal

The Tidewater-Copper Queen occurrence consists of massive Chalcopyrite, and disseminated Pyrite, Cuprite and Bornite in andesite and volcanic breccia of the Upper Triassic Vancouver Group, Karmutsen Formation.

Malachite and azurite are present. Carbonate alteration is evident as lenses, veinlets and stringers of calcite. Selected samples returned values in copper ranging from **4.11 to 9.3 per cent. Associated silver values are between 2.4 and 112.81 grams per tonne and gold ranges from up to 2.61 grams per tonne** (Assessment Report 14230, page 8).

Mineralization containing significant **copper** and **silver** with **gold** content is exposed in several old workings on the Tidewater-Copper Queen property.

Prior exploration consisting of geochemistry and geophysics indicate that at least two mineralizing events have taken place. Both vein type mineralisation and strata bound massive sulphide (VMS) types are an exploration targets.

The claim area is near a proposed clear-cut logging operation by Timber West

**The Property has excellent further exploration potential**

### BIBLIOGRAPHY

EMPR AR 1901-1116, 1970-228, GSC MEM 23, p. 129, GSC P 74-8

EMPR EXPL 1985-C233, EMPR ASS RPT **2965, 14230**

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