



Occurrence Details

Occurrence Number: 105F 115

Occurrence Name: Mt. Ross

Occurrence Type: Hard-rock

Status: Prospect

Date printed: 6/16/2025 1:53:17 PM

General Information

Secondary Commodities: barite, lead, zinc

Deposit Type(s): Sediment hosted Sedimentary Exhalative Zn-Pb-Ag (Sedex)

Location(s): 61°51'11" N - -132°34'27" W

NTS Mapsheet(s): 105F15

Location Comments: .5 Kilometres

Hand Samples Available: No

Last Reviewed:

Capsule

Work History

Staked as part of a large block of Angie cl (YA20427) in Jun/77 by the Woodside Project (Getty & Welcome North), which performed mapping, geochem sampling and trenching in 1978 and 1979.

Restaked Aug/92 as part of a block of 56 Brendan cl (YB35026) for Cascade Pacific Explorations Ltd. Kennecott Canada Inc. optioned the property and performed geological mapping, soil geochemical sampling and hand trenching in Sep/93.

Restaked as JT cl 1-56 (YB78307) by J. Taylor in Mar/96.

Capsule Geology

Mineralization at the Angie showing occurs in Siluro-Devonian shale, argillite, siltstone and silty limestone underlain by 50 m of orthoquartzite cut by quartz veins. Azurite, malachite, chalcopryrite and tetrahedrite occur as blebs and disseminations in tourmaline-siderite-quartz boudins and veins in the orthoquartzite unit. Hydrozincite and smithsonite occur as coatings on fractures and along bedding plane partings in argillite, and quartz veins parallel to bedding contain coarse blebs of smithsonite.

Brecciated limestone interbeds contain smithsonite and hydrozincite grading up to 13.8% Zn over 1.0 m, and up to 1% barite. Other sections grade up to 1% Zn over 15 m and 4.8% over 4 m.

Rock sampling of the Angie showing in 1993 returned up to 7.68% zinc and 108 g/t silver over a true width of 1.75 metres.

In 1993, a massive pyrite showing (the Ross) was discovered in a gossanous bed 3 km northeast of Mt Ross. From 10 to 20% pyrite occurs in black siliceous shale, and soil sampling nearby returned coincident anomalies of 215 ppm Pb, 1900 ppm Zn, and 6.2 ppm Ag. One specimen of yellow-stained plumbojarosite assayed 3500 ppm Pb and 2200 ppm Zn.

References

KENNECOTT CANADA INC., Mar/94. Assessment Report #093187 by R. Hulstein.

WOODSIDE PROJECT, Jan/79. Assessment Report #090463 by H.F. Foster and R.T. Holland.

Work History

| Date | Work Type | Comment |
|------------|-----------|---------|
| 12/31/1978 | Geology | |
| 12/31/1978 | Trenching | |
| 12/31/1978 | Other | |

Assessment Reports that overlap occurrence

| Report Number | Year | Title | Worktypes | Holes Drilled | Meters Drilled |
|------------------------|------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| 095214 | 2009 | 2009 Geological and Geochemical Report on the Angiecat Project | Rock - Geochemistry, Silt - Geochemistry, Bedrock Mapping - Geology, Backhoe - Trenching | | |
| 095160 | 2008 | Geochemical Report Angie 1-40 Claims, Angie 41-200 Claims | Soil - Geochemistry | | |
| 093187 | 1993 | Assessment Report on the 1993 Geological and Geochemical Investigation of the Brendan Property | Rock - Geochemistry, Silt - Geochemistry, Soil - Geochemistry, Bedrock Mapping - Geology | | |
| 090463 | 1978 | Results of Geochemical and Geological Surveys and Trenching on the South Angie Grid-Angie Mineral Claims | Soil - Geochemistry, Bedrock Mapping - Geology, Magnetics - Ground Geophysics, Hand - Trenching, Mechanical - Trenching | | |