

ADAMS PLATEAU AREA:

BECA:

Also known as: Quest Group, Lucky Strike, Rhode Island,
Lakeview-Joe, Tom

Minfile number: 082M-054,055

Mineral Inventory number: 82M4-P54

Map number: 007; Lat. 51.050N Long. 119.710W

Production, as listed in Minfile: 5 tonnes of ore (1926):

31 g Au
2,395 g Ag
1,496 kg Pb

shore of *due*
Location: The Beca property on the Adams lake ~~shore~~, east of the Squam Bay ~~of Adams Lake~~, is directly accessible by boat. A switch back road dropping 1,800m from Nikwkwia lake on the western edge of the plateau, also leads to the property.

Host rock: The area is underlain by a repetitive succession of andesitic to rhyolitic volcanic rocks and associated quartzitic and argillaceous meta-sedimentary rocks (EBA). The rocks, metamorphosed under ^{greenschist} greenschist facies, show a high degree of schistosity that strikes about N85W and dips 25 to 45 degrees north. The more felsic phase of the volcanic cycle has clearly invaded andesitic rocks which are preserved as xenoliths in the felsic rocks. Small granitic intrusions immediately south of the property boundary produced a ^{thermal} metamorphic aureole ^{that explained} the ~~low~~ regional low grade metamorphic rocks along its contact. The chemical similarity between the granitic rocks and the felsic volcanic rocks may indicate a comagmatic relationship between this two rock types.

Mineralization: The two mineralized areas found on the property are associated with pyritic cherty bands. The sulphides ~~are in~~ occur in conformable lenses and ~~are of~~ (fine-grained) nature with porphyroblasts of arsenopyrite and locally layers of sphalerite. Locally, altered rhyolite is laced with narrow (1 to 25mm), closely spaced quartz veins which are sporadically mineralized with galena and more rarely with sphalerite.

Sample description: Samples are a fine grained mixture of pyrite, chalcopyrite, galena, and sphalerite associated with calcite and minor quartz. The samples ^{were} collected from massive sulphide rich layers occurring within the schist besides the old adits near the lake shore.

References: BCDM ASS RPT 6680, 7040.
BCDM GEM 1970 p. 314.