

MINFILE Detail Report BC Geological Survey

Ministry of Energy, Mines and Natural Gas and Responsible for Housing

Location/Identification

MINFILE Number: 082FNE106
Name(s): ALICE

OTTO

Status: Past Producer
Mining Method Underground

Regions: British Columbia

BCGS Map: 082F097 NTS Map: 082F15W

Latitude: 49 56 24 N

Longitude: 116 46 58 W

Elevation: 2000 metres

Location Accuracy: Within 500M

Comments: PORTAL, #3 ADIT

Mining Division: Slocan

Electoral District: Nelson-Creston

Forest District: Kootenay Lake Forest District

UTM Zone: 11 (NAD 83) **Northing:** 5531982

Easting: 515587

Mineral Occurrence

Commodities: Lead, Silver, Zinc

Minerals Significant: Galena, Sphalerite, Pyrite, Pyrrhotite

Deposit Character: Vein, Podiform

Classification: Epigenetic, Hydrothermal, Replacement

Type: I05: Polymetallic veins Ag-Pb-Zn+/-Au, E14: Sedimentary exhalative Zn-Pb-Ag

Host Rock

Dominant Host Rock: Metasedimentary

Stratigraphic Age Group Formation Igneous/Metamorphic/Other

PaleozoicUndefined GroupBadshot------PaleozoicUndefined GroupMohican------

Isotopic Age Dating Method Material Dated

Lithology: Limestone, Calcareous Schist, Mica Schist, Quartz Monzonite

Geological Setting

Tectonic Belt: Omineca Physiographic Area: Purcell Mountains

Terrane: Kootenay, Ancestral North America

Inventory

Ore Zone: SAMPLE Year: 1915

Category: Assay/analysis Report On: N

NI 43-101: N

Sample Type: Bulk Sample

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Commodity Grade

Silver 2835.0000 grams per tonne

Lead 15.0000 per cent

Comments: From 14.5 tonnes of ore. **Reference:** Bulletin 73, page 87.

Capsule Geology

The Alice showing occurs in an area underlain by Middle Cambrian to Middle Devonian Lardeau Group rocks of the Badshot and Mohican formations.

Galena, sphalerite, pyrite and pyrrhotite occur in crosscutting and layer-parallel veins or replacement bodies in limestone, calcareous schist and micaceous schist surrounded by Jurassic to Cretaceous quartz monzonite.

In 1915, 14.5 tonnes of ore containing 15 per cent lead and 2835 grams per tonne silver was produced (Bulletin 73).

Bibliography

EMPR AR 1929-325, 1930-256

EMPR GEM 1972-62

EMPR ASS RPT 3803

EMPR BULL 73, p. 87

Date Coded: 1985/07/24

Coded By:

BC Geological Survey (BCGS)

Field Check:

N N

Date Revised:

2000/01/13

Revised By:

Garry J. Payie(GJP)

Field Check:

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