

Location/Identification

MINFILE Number: 092B 091

Name(s): LUCKY STRIKE

Status: Showing

Regions: British Columbia, Vancouver Island

BCGS Map: 092B082

NTS Map: 092B13E

Latitude: 48 51 19 N

Longitude: 123 41 11 W

Elevation: 200 metres

Location Accuracy: Within 1KM

Comments: On the northwest slope of Mount Richards, along the old narrow-gauge railway line that carried ore from the Lenora-Tyee deposits (092B 001) to Crofton (Assessment Report 19).

Mining Division: Victoria

Electoral District: Cowichan-Ladysmith

Forest District: South Island Forest District

UTM Zone: 10 (NAD 83)

Northing: 5411595

Easting: 449651

Mineral Occurrence

Commodities: Copper, Zinc, Silver, Gold

Minerals Significant: Unknown

Mineralization Age: Unknown

Deposit Character: Unknown

Classification: Unknown

Host Rock

Dominant Host Rock: Volcanic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Devonian	Sicker	McLaughlin Ridge	-----

Isotopic Age	Dating Method	Material Dated
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Lithology: Volcanic Rock

Geological Setting

Tectonic Belt: Insular

Terrane: Wrangell

Physiographic Area: Georgia Depression

Inventory

Ore Zone: DUMP

Year: 1969

Category: Assay/analysis

Report On: N

NI 43-101: N

Sample Type: Grab

Commodity	Grade
Copper	0.9 per cent
Zinc	6.7 per cent

Comments: A sample of dump material

Reference: Assessment Report 19

Capsule Geology

The Lucky Strike occurrence is located in a rock cut of the Mount Sicker narrow gauge railway, along the north western slopes of Mount Richards.

The area is underlain by volcanic rock of the Upper Devonian McLaughlin Ridge Formation, Sicker Group and by gabbroic to basaltic dykes and sills (informally known as the Mount Hall Gabbro) that are coeval with the Upper Triassic Karmutsen Formation, Vancouver Group. The deposit was reported to occur in Sicker Group rocks.

Locally, an irregular shear zone in a narrow band of quartz sericite schist and bounded on the south by a wide band of quartz feldspar porphyry is mineralized with massive lenses of pyrrhotite, chalcopyrite and sphalerite.

In 1947, the area was explored as the Lucky Strike property. Previous workings include two adits. The lower one extends for 15 metres in a south east directing with a cross cut running 8.1 metres in a north east direction. The upper tunnel is 12 metres north east of and 7.2 metres higher than the lower tunnel. It extends in a south east direction for 10 metres. A sample of dump material assayed 6.7 per cent zinc, 0.9 per cent copper with trace gold and silver (Assessment Report 19).

In 1969, Canpac Minerals explored the area as the Sirius claims. A program of geological mapping and a ground magnetic survey was completed. In 1978, the area was staked as the Croft 2 claim and a program of geological mapping and soil sampling was completed. In 1983, the area was staked as the West claims by R.J. Bilquist and a program of prospecting was completed. In 1984 and 1985, Falconbridge optioned the property and completed programs of geochemical sampling and an airborne geophysical survey. In 1987, Falconbridge completed a drilling program of 10 holes, totalling 3170.7 metres, in the vicinity of Breen Lake on the West 1 claim. In 2010, Westridge Resources completed a program of geological mapping and geochemical sampling on the Breen Lake area.

Bibliography

EMPR AR 1949-224; 1958-61

EMPR ASS RPT *19, 2397, 07233, 11433, 13532, 13853, 17007, 31677

EMPR FIELDWORK 1982, p. 46; 1987, pp. 81-91

EMPR OF 1988-8

EMPR PF ((Electromagnetic Profile, Canadian Pacific Minerals Ltd., 1971; Apparent Chargeability Contour Plan, Canadian Pacific Minerals Limited, 1971; *Mount Richards Geochemical Survey (shows adit), Canadian Pacific Oil and Gas, 1969; Induced Polarization and Electromagnetic Survey, Canadian Pacific Minerals, 1971) - see Ironclad file - 092B 049)

GSC MAP 42A; 1386A; 1553A

GSC MEM 13; 36; 96

GSC OF 463

GSC P 72-44; 75-1A, p. 23; 79-30

Date Coded: 1985/07/24

Coded By: BC Geological Survey (BCGS)

Field Check: N

Date Revised: 2013/06/21

Revised By: Karl A. Flower(KAF)

Field Check: N