



Location/Identification

MINFILE Number: 092F 440

Name(s): PANTHER ROAD SOUTH
THISTLE, RAND, RIFT CREEK

Status: Showing

Regions: British Columbia, Vancouver Island

BCGS Map: 092F007

NTS Map: 092F02E

Latitude: 49 04 46 N

Longitude: 124 37 30 W

Elevation: 520 metres

Location Accuracy: Within 500M

Comments: Showing on Plate 1 (Assessment Report 13711).

Mining Division: Victoria

Electoral District: Alberni-Qualicum

Resource District: South Island Forest District

UTM Zone: 10 (NAD 83)

Northing: 5437559

Easting: 381335

Mineral Occurrence

Commodities: Gold

Minerals

Significant: Pyrite, Pyrrhotite, Chalcopyrite

Associated: Quartz, Carbonate

Alteration: Chlorite, Carbonate, Epidote, Quartz, Hematite

Alteration Type: Chloritic, Epidote, Carbonate, Propylitic, Oxidation

Mineralization Age: Unknown

Deposit

Character: Vein, Disseminated, Stockwork

Classification: Epigenetic, Volcanogenic, Hydrothermal

Host Rock

Dominant Host Rock: Volcanic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Devonian	Sicker	McLaughlin Ridge	-----
Pennsylvan.-Permian	Buttle Lake	Mount Mark	-----

Isotopic Age	Dating Method	Material Dated
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Lithology: Basalt, Diabase, Tuff

Geological Setting

Tectonic Belt: Insular

Terrane: Wrangell

Physiographic Area: Vancouver Island Ranges

Metamorphic Type: Regional

Grade: Greenschist

Comments: Located in the Cowichan uplift.

Inventory

Ore Zone: DRILLHOLE
Category: Assay/analysis

Year: 1988
Report On: N
NI 43-101: N

Sample Type: Drill Core

Commodity	Grade
Gold	1.1900 grams per tonne

Comments: DDH 88-01, Sample 147869 also assayed 0.0024 per cent copper, 0.0023 per cent zinc, trace silver and trace lead.

Reference: Assessment Report 17661.

Capsule Geology

The Panther Road South showing is located south of the Panther Road showing (092F 439), about 22 kilometres southeast of Port Alberni.

Basaltic flows and pillowed basalt of the Upper Triassic Karmutsen Formation (Vancouver Group) are underlain by a complexly interlayered succession of volcanics and sediments of the Paleozoic Sicker and Mississippian to Lower Permian Buttle Lake groups. These include limestones and marbles of the Upper Pennsylvanian to Lower Permian Mount Mark Formation, and basaltic flows, diabase, agglomerates and bedded tuffs of the Upper Devonian McLaughlin Ridge Formation (Myra Formation).

A zone of semi-massive pyrite, up to 10 centimetres thick and 50 centimetres long, occurs in McLaughlin Ridge basalts ("Mine Flow Unit" of the Thistle mine, 092F 083).

In 1985, Westmin Resources completed a program of geochemical sampling, prospecting and geophysical surveys on the area. A sample across the mineralized zone assayed 2.1 grams per tonne gold (Assessment Report 13711).

In 1988, Nexus Resources completed a program of seven diamond drill holes, totalling 1205.4 metres, on the Thistle property. Diamond drill hole 88-01 encountered a stock work of hematitic quartz-carbonate veinlets) containing disseminated pyrrhotite and chalcopyrite. Chloritic alteration is common, but epidote-carbonate-chlorite-quartz alteration is also present. Mineralization is associated with alteration. A sample containing disseminated chalcopyrite assayed 1.19 grams per tonne gold, 0.0024 per cent copper, 0.0023 per cent zinc, trace silver and trace lead (Assessment Report 17661).

In 2006 and 2007, programs of soil geochemical sampling were completed on the Panther claim by L. Stephenson for owner G. Wells.

Bibliography

EMPR ASS RPT 9126, *13711, 14928, *17661, 28463, 29225
EMPR BULL 37
EMPR EXPL 1985-141
EMPR FIELDWORK 1988 pp. 61-74
EMPR OF 1987-2; 1988-24; *1989-6
GSC MAP 17-1968; 49-1963
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GSC P 68-50; 79-30
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GCNL #96, 1985

EMPR PFD 827217, 830774

Date Coded: 1988/02/22
Date Revised: 2013/05/27

Coded By: Larry Jones (LDJ)
Revised By: Karl A. Flower (KAF)

Field Check: N
Field Check: N