



Location/Identification

MINFILE Number: 092F 547
Name(s): WATER
LAT, FITZWATER, NORTH RIFT CREEK
Status: Showing
Regions: British Columbia, Vancouver Island
BCGS Map: 092F007
NTS Map: 092F02E
Latitude: 49 04 40 N
Longitude: 124 37 24 W
Elevation: 500 metres
Location Accuracy: Within 500M
Comments: North Rift Creek zone at the northeast corner of the Water claim (Assessment Report 16731).
Mining Division: Alberni, Victoria
Electoral District: Alberni-Qualicum
Resource District: South Island Forest District
UTM Zone: 10 (NAD 83)
Northing: 5437371
Easting: 381453

Mineral Occurrence

Commodities: Gold, Silver, Copper
Minerals
Significant: Pyrite, Chalcopyrite, Galena
Associated: Quartz, Carbonate, Jasper
Alteration: Sericite, Ankerite
Alteration Type: Sericitic, Carbonate
Mineralization Age: Unknown
Deposit
Character: Vein, Shear, Disseminated
Classification: Hydrothermal, Epigenetic
Type: I06: Cu+/-Ag quartz veins
Shape: Irregular
Modifier: Faulted, Sheared

Host Rock

Dominant Host Rock: Volcanic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Devonian	Sicker	Duck Lake	-----
Pennsylvan.-Permian	Buttle Lake	Mount Mark	-----
Upper Triassic	-----	-----	Unnamed/Unknown Informal

Isotopic Age	Dating Method	Material Dated
-----	-----	-----
-----	-----	-----
-----	-----	-

Lithology: Pillow Basalt, Basaltic Breccia, Tuff, Limestone, Siltstone, Feldspar Porphyry Dike

Geological Setting

Tectonic Belt: Insular
Physiographic Area: Vancouver Island Ranges
Terrane: Wrangell

Comments: Located in the Cowichan uplift.

Inventory

Ore Zone: NORTH RIFT CREEK

Year: 1988

Category: Assay/analysis

Report On: N

NI 43-101: N

Sample Type: Grab

Commodity	Grade
Silver	0.4000 grams per tonne
Gold	1.9600 grams per tonne

Comments: Sample (#20112) containing massive pyrite and minor copper.

Reference: Assessment Report 16731.

Capsule Geology

The Water showing is located 3.5 kilometres south of the Thistle mine (092F 083), approximately 20 kilometres southeast of Port Alberni.

The area is underlain by volcanic rocks of the Devonian Duck Lake Formation, Sicker Group and by sediments of the Late Pennsylvanian to Early Permian Mount Mark Formation, Buttle Lake Group. These comprise massive and pillowed basaltic flows, breccia, andesite, agglomerate lapilli and cherty tuffs, limestone, siltstone, jasper and Late Triassic(?) feldspar porphyry dykes. The Rift Creek thrust fault occurs slightly east of the showing.

Mineralization consists of pyrite, chalcopyrite and galena in quartz veins with associated quartz-carbonate and sericite alteration. The veins are hosted in sheared pillow basalt and breccia of the Duck Lake Formation. The associated alteration occurs over a width of more than 100 metres. On the Lat claim, just to the east, finely laminated black argillite with 10 to 20 per cent disseminated pyrite occurs between sequences of basaltic and cherty tuff.

In 1987, Crew Min. completed a program of prospecting, trenching, an induced polarization geophysical survey and a nine diamond drill holes, totalling 869 metres, on the Fitzwater property. A typical assay (sample #20112) from the North Rift Creek zone assayed 1.96 grams per tonne gold and 0.4 grams per tonne silver (Assessment Report 16731).

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 13668, 14928, *16731, 28463, 29225

EMPR BULL 37

EMPR FIELDWORK 1988 pp. 61-74

EMPR OF 1987-2; 1988-24; *1989-6

EMPR PF (Crew Minerals Prospectus (May 1987), see 092F 547)

GSC MAP 17-1968, 49-1963

GSC OF 463, 1272

GSC P 68-50, 79-30

CIM BULL Vol. 83 No. 935, March 1990 pp. 125-135

EMPR PFD 903006, 830774

Date Coded: 1990/04/12

Coded By: Dorthe E. Jakobsen (DEJ)

Field Check: N

Date Revised: 2013/05/27

Revised By: Karl A. Flower (KAF)

Field Check: N