Location/Identification

MINFILE Number: 092B 142

Name(s): **TIDAL WAVE**
TITAL WAVE (L.22)

Status: Showing

Regions:

BCGS Map: 092B082

NTS Map: 092B13E

Latitude: 48 51 50 N

Longitude: 123 40 35 W

Elevation: 248 metres

Location Accuracy: Within 500M

Mining Division: Victoria

Electoral District: Nanaimo-North Cowichan

Resource District: South Island Natural Resource District

UTM Zone: 10 (NAD 83)

Northing: 5412546

Easting: 450393

Comments: Located on the ridge above Westholme, apparently on Land Lot 93 (Notes by Wright, 1969).

Mineral Occurrence

Commodities: Copper

Minerals

Significant: Malachite

Associated: Quartz

Alteration: Malachite

Alteration Type: Oxidation

Mineralization Age: Unknown

Deposit

Character: Vein

Classification: Hydrothermal, Epithermal, Epigenetic

Host Rock

Dominant Host Rock: Plutonic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Triassic	------	------	Unnamed/Unknown Informal

Isotopic Age	Dating Method	Material Dated
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Lithology: Gabbro

Comments: Gabbroic intusives are coeval with the Upper Triassic Karmutsen Fm. (Vancouver Gp.) and known informally as the Mount Hall Gabbro.

Geological Setting

Tectonic Belt: Insular

Terrane: Wrangell

Physiographic Area: Georgia Depression

Inventory

No inventory data

Capsule Geology

The old Tidal (Tital?) Wave showing is located on the summit of the ridge above Westholme, apparently on Land Lot 93. This lot is located to the immediate east of the Ironclad workings (MINFILE 092B 049).

The area is underlain by rocks of the Upper Devonian McLaughlin Ridge Formation (Sicker Group). The strata is intruded by gabbroic rock (informally known as the Mount Hall Gabbro) that is coeval with the Upper Triassic Karmutsen Formation (Vancouver Group)

Locally, A pit up to 6 metres in depth exposes a 1 metre wide quartz vein trending west through gabbro. The vein is virtually barren except for an occasional speck of malachite (Notes by Wright, 1969).

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

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GSC MAP 42A; 1386A; 1553A
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PERS COMM Massey, N.W.D., 1991
Sadlier-Brown, T.L. (2009-11-04): A Report on the Geology and Mineral Potential of the Fortuna Property
Sadlier-Brown, T.L. (2010-01-21): A Report on the Geology and Mineral Potential of the Fortuna Property
EMPR PFD 650125, 650128, 650129, 5357, 5358, 5359, 5360, 827142, 650108

Date Coded:	1990/09/19	**Coded By:**	Garry J. Payie (GJP)	**Field Check:**	N
Date Revised:	2020/06/24	**Revised By:**	Karl A. Flower (KAF)	**Field Check:**	N