

Location/Identification

MINFILE Number:	092B 142		
Name(s):	<u>TIDAL WAVE</u> TITAL WAVE (L.22)		
Status:	Showing	Mining Division:	Victoria
		Electoral District:	Cowichan-Ladysmith
Regions:	British Columbia, Vancouver Island	Forest District:	South Island Forest District
BCGS Map:	092B082		
NTS Map:	092B13E	UTM Zone:	10 (NAD 83)
Latitude:	48 51 50 N	Northing:	5412546
Longitude:	123 40 35 W	Easting:	450393
Elevation:	220 metres		
Location Accuracy:	Within 500M		
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	
-----	-----	-	
Lithology:	Gabbro		
Comments:	Gabbroic intrusives are coeval with the Upper Triassic Karmutsen Fm. (Vancouver Gp.) and known informally as the Mount Hall Gabbro.		

Geological Setting

Tectonic Belt:	Insular	Physiographic Area:	Georgia Depression
Terrane:	Wrangell		

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

EMPR ASS RPT 2397, 7233, 11433, 13532, 13853, 17007, 31677

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

EMPR OF 1988-8

EMPR MAP 40

EMPR PF ((*Notes by J.Y. Wright, March 18 1969; Electromagnetic Profile, Canadian Pacific Minerals Ltd., 1971; Apparent Chargeability Contour Plan, Canadian Pacific Minerals Limited, 1971; Mount Richards Geochemical Survey (shows workings), Canadian Pacific Oil and Gas, 1969; Induced Polarization and Electromagnetic Survey, Canadian Pacific Minerals, 1971) - in 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

PERS COMM Massey, N.W.D., 1991

Date Coded: 1990/09/19

Coded By: Garry J. Payie(GJP)

Field Check: N

Date Revised: 2013/06/21

Revised By: Karl A. Flower(KAF)

Field Check: N