

Location/Identification

MINFILE Number:	092F 400		
Name(s):	<u>MOR</u>		
Status:	Showing	Mining Division:	Alberni
Regions:	British Columbia, Vancouver Island	Electoral District:	Alberni-Qualicum
BCGS Map:	092F006	Resource District:	South Island Forest District
NTS Map:	092F02W	UTM Zone:	10 (NAD 83)
Latitude:	49 00 58 N	Northing:	5430845
Longitude:	124 49 18 W	Easting:	366805
Elevation:	110 metres		
Location Accuracy:	Within 500M		
Comments:	On the Port Alberni-Bamfield road (at about 32 kilometres) where the road crosses Parsons Creek (Assessment Report 6655).		

Mineral Occurrence

Commodities:	Copper		
Minerals	Significant:	Chalcopyrite, Bornite	
	Associated:	Quartz	
	Alteration:	Malachite	
	Alteration Type:	Oxidation	
	Mineralization Age:	Unknown	
Deposit	Character:	Shear	
	Classification:	Hydrothermal, Epigenetic	

Host Rock

Dominant Host Rock:	Volcanic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Triassic	Vancouver	Karmutsen	-----
Lower Jurassic	Bonanza	Undefined Formation	-----
Isotopic Age	Dating Method	Material Dated	
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Lithology:	Andesite		
Comments:	The andesite host may belong to either of the two units.		

Geological Setting

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

Inventory

No inventory data

Capsule Geology

The MOR occurrence is located on the north west side of the Alberni-Bamfield road, near where it crosses Parsons Creek.

The area is underlain by andesite intruded by minor coarse grained mafic intrusives. Massive, medium to coarse-grained diorite of the Early to Middle Jurassic Island Intrusions are observed locally. The andesite may belong to the Upper Triassic Karmutsen Formation, Vancouver Group or to the Lower Jurassic Bonanza Group.

Chalcopyrite and bornite with minor malachite is found in association with quartz in very narrow shear zones where the road crosses Parsons Creek. A grab sample of mineralized material assayed 2.84 per cent copper (Assessment Report 11368)

In 1978, the MOR claim was prospected by R. McIntosh. In 1983, the area was prospected by Rich Lode Gold Corp. as the Dusty Copper and Dusty Creek claims in conjunction with the Union Jack (MINFILE 092F 213) occurrence to the north west.

Chalcopyrite and malachite were also found in the bed of Parsons Creek about 300 metres downstream from the bridge. Mineralization was confined to a breccia zone in the andesite.

Bibliography

EMPR ASS RPT *6655, 11368

EMPR FIELDWORK 1988, pp. 61-74

GSC MAP 17-1968; 1386A

GSC OF 463; 1272

GSC P 68-50; 72-44

EMPR PFD 672837

Date Coded: 1985/07/24

Coded By: BC Geological Survey (BCGS)

Field Check: N

Date Revised: 2013/05/24

Revised By: Karl A. Flower (KAF)

Field Check: N