

### Location/Identification

<b>MINFILE Number:</b>	092C 255		
<b>Name(s):</b>	<u>O.G.M. 156</u>		
<b>Status:</b>	Showing	<b>Mining Division:</b>	Victoria
<b>Regions:</b>	British Columbia	<b>Electoral District:</b>	Alberni-Pacific Rim
<b>BCGS Map:</b>	092C088	<b>Resource District:</b>	South Island Natural Resource District
<b>NTS Map:</b>	092C15E	<b>UTM Zone:</b>	10 (NAD 83)
<b>Latitude:</b>	48 53 38 N	<b>Northing:</b>	5416805
<b>Longitude:</b>	124 32 28 W	<b>Easting:</b>	387042
<b>Elevation:</b>			
<b>Location Accuracy:</b>	Within 500M		
<b>Comments:</b>	See location map in Assessment Report 642.		

### Mineral Occurrence

<b>Commodities:</b>	Copper		
<b>Minerals</b>	<b>Significant:</b>	Chalcopyrite, Bornite, Pyrrhotite	
	<b>Associated:</b>	Magnetite	
	<b>Alteration Type:</b>	Skarn	
<b>Deposit</b>	<b>Character:</b>	Vein, Massive	
	<b>Classification:</b>	Skarn, Igneous-contact	
	<b>Type:</b>	K01: Cu skarn	

### Host Rock

<b>Dominant Host Rock:</b>	Sedimentary		
<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Upper Triassic	Vancouver	Quatsino	-----
Upper Triassic	Vancouver	Karmutsen	-----
Jurassic	-----	-----	Island Plutonic Suite
<b>Isotopic Age</b>		<b>Dating Method</b>	<b>Material Dated</b>
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<b>Lithology:</b>	Limestone, Skarn, Basalt, Granodiorite, Porphyry Feldspar Dike		
<b>Comments:</b>	altered limestone and volcanics		

### Geological Setting

<b>Tectonic Belt:</b>	Insular
<b>Terrane:</b>	Wrangell
<b>Metamorphic Type:</b>	Contact

### Inventory

**Ore Zone:** SAMPLE  
**Category:** Assay/analysis

**Year:** 1964  
**Report On:** N  
**NI 43-101:** N

**Sample Type:** Grab

Commodity	Grade
Copper	3.5 per cent

**Comments:** over 1.5 metres

**Reference:** Assessment Report 00642

### ***Capsule Geology***

The O.G.M. 156 occurrence is located north of Granite Creek, approximately 1 kilometre southeast of the Nitinat River.

The area is underlain by extensively faulted rocks of the Upper Triassic Vancouver Group and the Lower Jurassic Bonanza Group. The basal Vancouver Group sequence is comprised of basalt flows, breccias and tuffs of the Karmutsen Formation overlain by Quatsino Formation limestone, which is in turn overlain by black argillites of the Parsons Bay Formation. The overlying Bonanza Group consists of a sequence of argillites, cherts, cherty tuffs, volcanic and/or sedimentary breccias, sandstones and basaltic to rhyolitic flows.

The entire package of rocks has been broadly to tightly folded with fold axes generally trending northwest, and has been intruded by granodioritic and feldspar porphyritic dikes.

Locally, trenches in limestone and volcanics show numerous sulphide stringers in fracture zones. The sulphides consist of pyrrhotite, chalcopyrite and bornite. Assays of up to 3.5 per cent copper over 1.5 metres are reported (Assessment Report 642).

In 1964, Avallin Mines completed a program of soil sampling and geological mapping on the area as the O.G.M. claims. In 1969, Quintana Minerals completed a program of regional soil sampling and geological mapping.

### ***Bibliography***

EMPR ASS RPT \*642, 2163  
EMPR EXPL 1976-E109,E110  
EMPR FIELDWORK 1977, p. 23; 1989, pp. 503-510  
EMPR GEM 1969-221  
EMPR OF 1988-24; RGS 24, 1990  
GSC MAP 1386A  
GSC MEM 13

**Date Coded:** 2016/03/31

**Coded By:** Karl A. Flower (KAF)

**Field Check:** N

**Date Revised:** 2016/04/05

**Revised By:** Karl A. Flower (KAF)

**Field Check:**