

Location/Identification

MINFILE Number:	092F 389		
Name(s):	<u>COR 14</u> STAR OF THE WEST		
Status:	Showing	Mining Division:	Alberni
		Electoral District:	Alberni-Qualicum
Regions:	British Columbia, Vancouver Island	Resource District:	South Island Forest District
BCGS Map:	092F007		
NTS Map:	092F02W, 092F02E	UTM Zone:	10 (NAD 83)
Latitude:	49 05 49 N	Northing:	5439715
Longitude:	124 45 15 W	Easting:	371948
Elevation:	280 metres		
Location Accuracy:	Within 500M		
Comments:	Old adit location (Assessment Report 6676).		

Mineral Occurrence

Commodities:	Copper, Gold		
Minerals	Significant:	Pyrite, Chalcopyrite, Arsenopyrite	
	Associated:	Quartz, Calcite	
	Mineralization Age:	Unknown	
Deposit	Character:	Vein, Disseminated	
	Classification:	Epigenetic	
	Type:	I06: Cu+/-Ag quartz veins	

Host Rock

Dominant Host Rock:	Volcanic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Triassic	Vancouver	Karmutsen	-----
Jurassic	-----	-----	Island Plutonic Suite
Isotopic Age	Dating Method	Material Dated	
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Lithology:	Andesite, Granodiorite		

Geological Setting

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

Inventory

Ore Zone:	VEIN	Year:	1977
Category:	Assay/analysis	Report On:	N
		NI 43-101:	N
Sample Type:	Grab		

Commodity	Grade
Gold	0.9000 grams per tonne
Copper	0.0900 per cent

Reference: Assessment Report 6676.

Capsule Geology

The Cor 14 showing is located 4.5 kilometres east of Alberni Inlet, 16 kilometres south of Port Alberni.

The area is underlain by Upper Triassic Karmutsen Formation (Vancouver Group) volcanics which are intruded by biotite- granodiorite of the Early to Middle Jurassic Island Plutonic Suite. The volcanics consist of greenstones, andesites and basalts. Quartz- carbonate veins mineralized with minor pyrite and chalcopyrite, cut both rock types (volcanics and intrusives) but are more common in the andesite.

A quartz-carbonate vein, up to 50 centimetres wide, occurs in brecciated greenstone. Pyrite, chalcopyrite and minor arsenopyrite are disseminated in the vein. The best assays from vein samples taken from this area were 0.9 grams per tonne gold and 0.09 per cent copper (Assessment Report 6676).

The vein has been exposed by trenching and a small adit, which are likely connected to work on the Star of the West showing (092F 215).

Bibliography

EMPR AR 1895-647,653,654; 1897-569

EMPR ASS RPT *5400, *6676, 16522

EMPR BULL 1, 1896, p. 5; 37

EMPR EXPL 1975-94; 1977-109-110

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EMPR PF (Phelps, G.B. (1974): Report in Prospectus, Focus Resources Ltd.; *Report (1975), in Prospectus-Focus Resources Ltd.)

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

GCNL #31,#224, 1975

Date Coded: 1985/07/24

Coded By: BC Geological Survey (BCGS)

Field Check: N

Date Revised: 1990/05/09

Revised By: Larry Jones (LDJ)

Field Check: N