

Location/Identification

MINFILE Number:	092F 215		
Name(s):	<u>STAR OF THE WEST (L.40)</u>		
	PT		
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 09 N	Northing:	5438479
Longitude:	124 45 15 W	Easting:	371919
Elevation:	200 metres		
Location Accuracy:	Within 500M		
Comments:	Old adit location (Assessment Report 6676).		

Mineral Occurrence

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

Host Rock

Dominant Host Rock:	Plutonic		
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:	Biotite Granodiorite, Andesite, Greenstone		
Comments:	Corrigan Creek Pluton.		

Geological Setting

Tectonic Belt:	Insular	Physiographic Area:	Vancouver Island Ranges
Terrane:	Plutonic Rocks, Wrangell		

Inventory

Ore Zone:	SAMPLE	Year:	1895
Category:	Assay/analysis	Report On:	N
		NI 43-101:	N
Sample Type:	Bulk Sample		

Commodity	Grade
Gold	17.0000 grams per tonne

Comments: Some ore may have come from other sources. Bulk sample was 0.9 tonnes.

Reference: Minister of Mines Annual Report 1895.

Capsule Geology

The Star Of The West showing is located 5 kilometres east of Sproat Narrows in Alberni Inlet.

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

An old adit on the Star of the West Crown Grant follows a calcite vein, from 15 to 25 centimetres wide, along a 70 degree trending, 80 degree south dipping fault zone in granodiorite. Very minor gold and copper values were obtained from samples (Assessment Report 6676).

A 0.9 tonne shipment of ore, in 1895, contained about 17 grams per tonne gold (Minister of Mines Annual Report, 1895). It is likely some of the ore came from other showings in the area (See Cor 14, 092F 389 and Cor 6, 092F 399).

Bibliography

- EMPR AR 1895-647,653,654; 1897-569
- EMPR ASS RPT *5400, *6676, 13723, 14202, 16522
- EMPR BULL 1, (1896), p. 5; 37
- EMPR EXPL 1975-94; 1977-109-110
- EMPR FIELDWORK 1987, pp. 81-91; 1988 pp. 61-74
- EMPR OF 1987-2; 1988-24; *1989-6
- EMPR PF (Focus Resources Ltd. Prospectus, 1974 and 1975; Phelps, G.B. (1975): Report on the Star West Claim Group; Sketch Map of China Creek Mining Camp, 1895, in 092F 082 - Gillespie)
- GSC MAP 17-1968; 49-1963; 1386A
- 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
- EMPR PFD 7410, 7411, 7412, 672837

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