

Location/Identification

MINFILE Number:	092F 580		
Name(s):	<u>FROG CREEK</u>		
Status:	Showing	Mining Division:	Alberni
Regions:	British Columbia	Electoral District:	Alberni-Qualicum
BCGS Map:	092F013	Resource District:	South Island Forest District
NTS Map:	092F03W	UTM Zone:	10 (NAD 83)
Latitude:	49 10 38 N	Northing:	5450047
Longitude:	125 27 00 W	Easting:	321445
Elevation:			
Location Accuracy:	Within 100M		
Comments:	See location map in Assessment Report 25493		

Mineral Occurrence

Commodities:	Gold, Silver		
Minerals	Significant:	Pyrite, Chalcopyrite	
	Associated:	Quartz	
Deposit	Character:	Vein, Disseminated	
	Classification:	Unknown	

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:	Tuff, Volcaniclastic, Basaltic Flow, Andesitic Flow, Granodiorite		

Geological Setting

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

Inventory

Ore Zone:	SAMPLE	Year:	1995
Category:	Assay/analysis	Report On:	N
		NI 43-101:	N
Sample Type:	Chip		

Commodity	Grade
Silver	2.7 grams per tonne
Gold	2.6 grams per tonne

Comments:

Reference: Assessment Report 25493

Capsule Geology

The Frog Creek occurrence is located in the northern head waters of Olympic Creek, a tributary of the Kennedy River.

The area is underlain by Karmutsen Formation volcanics of the Upper Triassic Vancouver Group, which have been intruded by the Early to Middle Jurassic Island Intrusions consisting of granodiorite to quartz diorite. The Karmutsen rocks consist of andesitic to basaltic flows, tuffs and volcanoclastics. Northwest trending fault shear zones of Tertiary age cut the rocks.

Locally, quartz veins host pyrite and chalcopyrite mineralization.

In 1986, K. Gourley staked the Blaster claim and completed a prospecting program and a geochemical silt survey the following year. From 1987 to 1988, Nationwide Gold Mines and Golden Spinnaker Minerals optioned the property and completed programs of trenching, VLF-EM surveys and diamond drilling. In 1988, bulk sampling and fourteen diamond drillholes, totalling 819 metres, were completed on the Elite 1 vein and the nearby Rachel vein. In 1991, Kancana Ventures optioned the property. From 1993 to 1995, the property was returned to and later prospected by K. Gourley. In 1995, a 0.20 metre chip sample returned values of 2.6 grams per tonne gold and 2.7 grams per tonne silver (JK-167; Assessment Report 25493).

Bibliography

EMPR ASS RPT 15935, 15949, 18218, 21563, 22456, 22971, 23451, 23931, *25493

EMPR PFD 831063

Date Coded:	2012/12/19	Coded By:	Karl A. Flower (KAF)	Field Check:	N
Date Revised:	2013/01/09	Revised By:	Karl A. Flower (KAF)	Field Check:	