Location/Identification

MINFILE Number: 092F 580
Name(s): **FROG CREEK**

Status: Showing
Regions: British Columbia
BCGS Map: 092F013
NTS Map: 092F03W
Latitude: 49 10 38 N
Longitude: 125 27 00 W
Elevation:
Location Accuracy: Within 100M
Comments: See location map in Assessment Report 25493

Mining Division: Alberni
Electoral District: Alberni-Qualicum
Resource District: South Island Forest District

UTM Zone: 10 (NAD 83)
Northing: 5450047
Easting: 321445

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
Terrane: Wrangell
Physiographic Area: Vancouver Island Ranges

Inventory

Ore Zone: SAMPLE
Category: Assay/analysis
Sample Type: Chip

Year: 1995
Report On: N
NI 43-101: N

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 volcaniclastics. 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:**	