

Location/Identification

MINFILE Number:	092HSW032		
Name(s):	<u>SLESSE CREEK</u>		
	ROY		
Status:	Showing	Mining Division:	New Westminster
Mining Method	Underground	Electoral District:	Chilliwack-Kent
Regions:	British Columbia	Forest District:	Chilliwack Forest District
BCGS Map:	092H002		
NTS Map:	092H04E	UTM Zone:	10 (NAD 83)
Latitude:	49 00 36 N	Northing:	5429489
Longitude:	121 37 01 W	Easting:	601139
Elevation:	750 metres		
Location Accuracy:	Within 500M		
Comments:	Located on Canyon Creek, a tributary of Slesse Creek (Minister of Mines Annual Report 1929, page 400).		

Mineral Occurrence

Commodities:	Gold		
Minerals	Significant:	Pyrite	
	Associated:	Quartz	
Deposit	Character:	Vein	
	Classification:	Hydrothermal, Epigenetic	
	Type:	I01: Au-quartz veins	

Host Rock

Dominant Host Rock:	Plutonic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Upper Paleozoic	Chilliwack	Undefined Formation	-----
Oligocene	-----	-----	Chilliwack Batholith
Proterozoic-Paleoz.	-----	-----	Yellow Aster Complex
Isotopic Age	Dating Method	Material Dated	
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Lithology:	Granodiorite, Diorite, Mafic Volcanic Rock, Argillaceous Rock, Amphibolitic Rock		
Comments:	The Chilliwack Group is Devonian to Permian.		

Geological Setting

Tectonic Belt:	Coast Crystalline	Physiographic Area:	Cascade Mountains
Terrane:	Plutonic Rocks, Chilliwack		

Inventory

No inventory data

Capsule Geology

In 1929, it was reported that small pyritized quartz veins carrying gold values occur in granodiorite and diorite. Two short adits were driven on the showings.

The area of the Slesse Creek occurrence is underlain mainly by the Devonian to Permian Chilliwack Group consisting of mafic volcanic rocks and metamorphosed argillaceous rocks. Proterozoic and Paleozoic amphibolitic rocks of the Yellow Aster Complex occur as fault slices in contact with Chilliwack Group rock on the west, and intrusive rocks of the Oligocene Chilliwack batholith, on the east.

Bibliography

EMPR AR 1901-1121; 1904-267; *1929-400

EMPR ASS RPT *16927, *18237

EMPR FIELDWORK 1985, pp. 95-97

GSC MAP 737A; 12-1969; 1069A; 41-1989

GSC P 69-47

Date Coded: 1985/07/24

Coded By: BC Geological Survey (BCGS)

Field Check: N

Date Revised: 1994/11/09

Revised By: Garry J. Payie(GJP)

Field Check: N