

Location/Identification

MINFILE Number:	082FSE084	Mining Division:	Fort Steele
Name(s):	<u>WEAVER CREEK</u>	Electoral District:	East Kootenay
Status:	Past Producer	Resource District:	Rocky Mountain Forest District
Mining Method	Open Pit	UTM Zone:	11 (NAD 83)
Regions:	British Columbia	Northing:	5473000
BCGS Map:	082F050	Easting:	570854
NTS Map:	082F08E		
Latitude:	49 24 20 N		
Longitude:	116 01 24 W		
Elevation:	1395 metres		
Location Accuracy:	Within 5KM		
Comments:	Location is arbitrarily chosen just above the Highway 3/95 crossing of Weaver Creek, a tributary to the Moyie River (Bulletin 28, page 34).		

Mineral Occurrence

Commodities:	Gold		
Minerals	Significant:	Gold	
	Significant Comments:	Placer gold	
	Mineralization Age:	Unknown	
Deposit	Character:	Unconsolidated	
	Classification:	Placer	
	Type:	C01: Surficial placers	

Host Rock

Dominant Host Rock:	Sedimentary		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Middle Proterozoic	Purcell	Aldridge	-----
Tertiary	-----	-----	Glacial/Fluvial Gravels
Middle Proterozoic	-----	-----	Moyie Intrusions
Isotopic Age	Dating Method	Material Dated	
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Lithology:	Gravel, Clay, Argillite, Quartzite, Diorite		
Comments:	Bedrock geology consists of Aldridge Formation sedimentary rocks and Moyie intrusions (diorite).		

Geological Setting

Tectonic Belt:	Omineca	Physiographic Area:	Purcell Mountains
Terrane:	Ancestral North America		
Metamorphic Type:	Regional		
Grade:	Greenschist		

Inventory

No inventory data

Capsule Geology

The location of the Weaver Creek placer gold occurrence is poorly known; it is arbitrarily plotted on Weaver Creek just above the Highway 3/95 crossing.

Bedrock geology consists of Middle Proterozoic Aldridge Formation argillite and quartzite intruded by diorite of the Moyie intrusions (also part of the Middle Proterozoic Purcell Supergroup).

Weaver Creek has recorded production of 23,605 grams of gold over the period 1874 to 1930 (Bulletin 28, page 34). The gold is assumed to be contained within Tertiary glaciofluvial gravel and clay deposits.

In 1992-1994, 24 drill holes, totalling 398.1 metres, were completed to test the alluvial channel depth, width, longitudinal gradient limits, bedrock type and contained gold values. Samples from drilling returned gold values ranging from trace to 12.1 grams per cubic metre (Assessment Report 24613).

Bibliography

EMPR ASS RPT 19500, 24613

EMPR BULL *28, p. 34

EMPR GEOS MAP 1998-3

GSC MAP 603A

GSC MEM 228

GSC OF 820; 2721

Date Coded:	1995/09/29	Coded By:	Craig H.B. Leitch (CHBL)	Field Check:	N
Date Revised:	2012/04/10	Revised By:	Nicole Barlow (NB)	Field Check:	N