

### Location/Identification

**MINFILE Number:** 082FSE084

**Name(s):** WEAVER CREEK

**Status:** Past Producer

**Mining Method:** Open Pit

**Regions:** British Columbia

**BCGS Map:** 082F050

**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).

**Mining Division:** Fort Steele

**Electoral District:** East Kootenay

**Forest District:** Rocky Mountain Forest District

**UTM Zone:** 11 (NAD 83)

**Northing:** 5473000

**Easting:** 570854

### 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

**Terrane:** Ancestral North America

**Metamorphic Type:** Regional

**Physiographic Area:** Purcell Mountains

**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

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