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

Mining Division: Fort Steele
Electoral District: East Kootenay
Resource District: Rocky Mountain Forest District

UTM Zone: 11 (NAD 83)
Northing: 5473000
Easting: 570854

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, longitudal 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