



MINFILE Detail Report
BC Geological Survey
Ministry of Energy, Mines and Petroleum Resources

Location/Identification

MINFILE Number: 082FSW030 **National Mineral Inventory Number:** 082F3 Au9

Name(s): SALMO-CONSOLIDATED
FLORENCE, WHITE CLOUD (L.2688), BLUE JACK (L.2689), YELLOW JACK (L.2690), SITTING BULL (L.2691),
BLUE JACK FR. (L.2692), YELLOW JACK FR., WHITECLOUD, SALMO CONSOLIDATED

Status: Prospect **Mining Division:** Nelson

Mining Method: Underground **Electoral District:** Nelson-Creston

Regions: British Columbia **Resource District:** Arrow Boundary Forest District

BCGS Map: 082F015

NTS Map: 082F03E **UTM Zone:** 11 (NAD 83)

Latitude: 49 09 41 N **Northing:** 5445410

Longitude: 117 09 54 W **Easting:** 487971

Elevation: 1495 metres

Location Accuracy: Within 500M

Comments: Located 10 kilometres southeast of Salmo.

Mineral Occurrence

Commodities: Gold, Lead, Zinc, Silver

Minerals

Significant:	Galena, Sphalerite, Pyrite, Pyrrhotite
Associated:	Quartz, Calcite
Alteration:	Silica
Alteration Type:	Silicific'n
Mineralization Age:	Unknown

Deposit

Character:	Vein, Disseminated		
Classification:	Hydrothermal, Epigenetic		
Type:	I05: Polymetallic veins Ag-Pb-Zn+/-Au		
Dimension:	2x0x0 metres	Strike/Dip:	043/80S
Comments:	Veins, up to 2 metres wide strike 065 degrees and dip steeply south.		

Host Rock

Dominant Host Rock: Plutonic

Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Ordovician	Undefined Group	Active	-----
Jurassic	-----	-----	Nelson Intrusions

Isotopic Age	Dating Method	Material Dated
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Lithology: Hornblende Granodiorite

Comments: Sheep Stock of the Nelson Intrusions.

Geological Setting

Tectonic Belt: Omineca **Physiographic Area:** Selkirk Mountains

Terrane: Kootenay, Plutonic Rocks

Inventory

Summary Production

		Metric	Imperial
	Mined:	6 tonnes	6 tons
	Milled:	0 tonnes	0 tons
Recovery	Silver	2,343 grams	75 ounces
	Zinc	83 kilograms	183 pounds
	Lead	46 kilograms	101 pounds

Capsule Geology

The property is located at 1585 metres elevation on the east side of Hedgehog Creek, a southerly flowing tributary of Sheep Creek, about 8 kilometres southeast of Salmo.

Details of early activity probably in the early 1900's, are limited but included considerable trenching and an inclined shaft to a depth of 35.5 metres, with crosscuts at the bottom and 6 metres up. The claims subsequently reverted to the Crown.

The White Cloud, Blue Jack, Yellow Jack, Sitting Bull, Blue Jack Fr., and Yellow Jack Fr. (Lots 2688-2692 respectively) were Crown-granted to P.H. Horton, W. Hartman, and A.E. Place in 1926. Development included 49 metres of crosscut and 27.4 metres of drift in an adit driven northeasterly from the vicinity of the shaft. The owners incorporated Salmo Consolidated Mines, Limited in March 1928. A new crosscut adit at 1537 metres elevation was driven 2651 and a raise put up to the old shaft. During 1929 the adit was extended to 134 metres with drifts 38 metres southerly and 48 metres northerly. Wide areas of scattered mineralization were encountered but no definite orebody. Work was suspended in the summer of 1929. The workings to date included numerous open cuts, the old shaft, and three adits. The claims reverted to the Crown for taxes in 1956.

The Salmo-Consolidated occurrence is a vein-type deposit hosted by hornblende granodiorite of the Middle to Late Jurassic Nelson Intrusions (Sheep Creek stock) which intrudes Lower to Middle Ordovician Active Formation sediments.

The occurrence consists of quartz-calcite veins of variable strike, ranging from 020 to 065 degrees, dipping steeply southeast. The veins contain disseminated galena, sphalerite, pyrite, and pyrrhotite and vary in width from a few centimetres up to about two metres. Locally, the granitic wall rocks may be schistose, or possibly sheared and silicified, and contain sparsely disseminated sulphides. The best assays from grab samples contain up to 1.4 grams per tonne gold, up to 70 grams per tonne silver, 1 to 4 per cent zinc and 3 to 7 per cent lead (Assessment Report 14903). Chip samples across vein widths on a regular spacing may be significantly lower in metal content.

From the Florence property, in 1937, 6 tonnes of ore were shipped yielding 2,343 grams of silver, 46 kilograms of lead and 83 kilograms of zinc; it is unclear if the property is related to the Salmo-Consolidated.

Bibliography

EMPR AR 1926-228,449; 1928-347; 1929-353; 1937-A38,E50
 EMPR ASS RPT 9601, *14903, 16835
 EMPR BC METAL MM00996
 EMPR BULL 31; 41, p. 146; 109
 EMPR FIELDWORK 1987, pp. 19-30; 1988, pp. 33-43; 1989, pp. 11-27; 1990, pp. 9-31
 EMPR OF 1988-1; 1989-11; 1990-8; 1990-9; 1991-2; 1998-10
 EMR MP CORPFILE (Salmo Consolidated Mines Limited)
 GSC MAP 50-19A; 299A; 1090A; 1091A; *1145A
 GSC MEM *172, p. 73; 308
 GSC OF 1195
 W MINER Feb., 1979, p. 14
 EMPR PFD 2813, 2815, 21341, 21342, 21385, 21386

Date Coded:	1985/07/24	Coded By:	BC Geological Survey (BCGS)	Field Check:	N
Date Revised:	1991/02/17	Revised By:	Laura L. Coughlan (LLC)	Field Check:	N