

Location/Identification

MINFILE Number:	082FNW148	National Mineral Inventory Number:	082F14 Ag38
Name(s):	<u>ENTERPRISE (L.1014)</u> SLOCAN QUEEN (L.1015), RAINBOW FR. (L.14543), IRON HORSE NO. 2(L.5663), SUNSET FR. (L.14541), MILLSITE, MONTEZUMA (L.5405), SUNRISE CROWN, ENTERPRISE FR. (L.4522), SUNRISE FR. (L.14542)		
Status:	Past Producer	Mining Division:	Slocan
Mining Method	Underground	Electoral District:	Nelson-Creston
Regions:	British Columbia	Forest District:	Arrow Boundary Forest District
BCGS Map:	082F084		
NTS Map:	082F14W	UTM Zone:	11 (NAD 83)
Latitude:	49 49 18 N	Northing:	5518854
Longitude:	117 19 34 W	Easting:	476542
Elevation:	1325 metres		
Location Accuracy:	Within 500M		
Comments:	The Enterprise mine on the south side of the valley near the confluence of Enterprise and Neepawa creeks, 11 kilometres northeast of Slocan. Access to the mine from the Slocan highway is via the Enterprise Creek road.		

Mineral Occurrence

Commodities:	Silver, Lead, Zinc, Gold, Cadmium, Copper		
Minerals	Significant:	Sphalerite, Galena, Tetrahedrite, Pyrrargyrite	
	Associated:	Quartz, Calcite, Siderite	
	Mineralization Age:	Unknown	
Deposit	Character:	Vein	
	Classification:	Epigenetic, Hydrothermal, Mesothermal	
	Type:	105: Polymetallic veins Ag-Pb-Zn+/-Au	
	Shape:	Tabular	Modifier: Faulted
	Dimension:	680x300x0 metres	Strike/Dip: 056/72S
	Comments:	Dips southeast.	

Host Rock

Dominant Host Rock:	Plutonic		
Stratigraphic Age	Group	Formation	Igneous/Metamorphic/Other
Middle Jurassic	-----	-----	Nelson Intrusions
Isotopic Age	Dating Method	Material Dated	
165 - 169 Ma	Zircon	Zircon	
Lithology:	K-Feldspar Porphyritic Granite, Lamprophyre		

Geological Setting

Tectonic Belt:	Omineca	Physiographic Area:	Selkirk Mountains
Terrane:	Quesnel		

The showings were discovered and staked by R. Kirkwood of New Denver and J. McKinnon of Revelstoke in 1894. The property was optioned to J.A. Finch in 1895 and development work was carried out in several adits. The Enterprise (Lot 1014) and Slocan Queen (Lot 1015) were Crown-granted to J.A. Finch in 1897. Additional claims were subsequently Crown-granted, including the Enterprise Fr. (Lot 4522), Montezuma (Lot 5405), Iron Horse No. 2 (Lot 5663), and Sunset, Sunrise and Rainbow Fractions (Lots 14541-14543).

The London and British Columbia Goldfields, Limited acquired the property and incorporated The Enterprise (British Columbia) Mines, Limited as operator in about 1899. A 50 ton-per-day gravity mill was installed, and apparently operated for a period in 1902 with unsatisfactory results. The company ceased operations and lessees worked the property intermittently from 1903 into 1918. Further work was carried out from 1924 until 1927 by Messrs. Pilcher, McGuire, and Wragge under an option agreement.

The property was acquired by Stobie, Forlong & Company, of Toronto, who incorporated Enterprise Consolidated Mining Company, Limited in February 1928; the company name was changed in September 1928 to Yankee Girl Consolidated Mines, Limited. Development work, mainly on No. 7 level, continued until June 1929 when a fire destroyed equipment housed in the old mill building and operations ceased. No further activity was reported until 1941 when S.N. Ross leased the property and installed a small flotation mill to treat dump material on a seasonal basis.

Western Exploration Company, Limited purchased the property in 1944 and disposed of the mill. Development work during 1945 to 1950 was carried out mainly between Nos. 5 and 8 levels. The No. 9 level was driven from the Iron Horse shaft in 1951-52. The company ceased operations in November 1952. At that time the workings comprised an estimated 3658 metres of drifts, crosscuts, raises and two shafts about 670 metres apart horizontally. Eight adits and several intermediate levels were driven. The lowest level (No. 9) was driven from the 18.2 metre level of the Iron Horse shaft, which was sunk on an incline to a depth of 96 metres. The mine was reopened in 1967 by J. Gates, and R.J. Forgie, who purchased the property from Western Exploration. In May 1968 Enterprise Silver Mines Ltd. was incorporated to operate the mine; some ore was shipped during the year. Lessees worked the property during 1971-77. The property was held by Enterprise Resources Inc. in 1981. Arctex Engineering Ltd. carried out exploration since 1983; diamond drilling was done in 1986 and 1987.

Bibliography

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1942-27,73; 1943-73; 1944-71; 1945-106,107; 1946-153,167; 1947-
171; 1948-146; 1949-191; 1950-148; 1951-43,175; 1952-44,178,180;
1953-46,141; 1954-51,141; 1955-A49,63; 1956-A51,96,98; 1957-34,54,
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(No.223)

EMR MP CORPFILE (Yankee Girl Consolidated Mines, Limited; Western
Exploration Company, Limited)

EMR MRD RES- FILE 167-Z1-2-13

GSC MAP 272A; 1091A

Date Coded: 1985/07/24

Coded By: BC Geological Survey (BCGS)

Field Check: N

Date Revised: 2008/02/25

Revised By: Karl A. Flower(KAF)

Field Check: Y