

### Location/Identification

<b>MINFILE Number:</b>	082ESE019	<b>National Mineral Inventory Number:</b>	082E2 Cu2
<b>Name(s):</b>	<b>WAR EAGLE (L.678)</b> PHOENIX MINE		
<b>Status:</b>	Past Producer	<b>Mining Division:</b>	Greenwood
<b>Mining Method</b>	Underground, Open Pit	<b>Electoral District:</b>	Boundary-Similkameen
<b>Regions:</b>		<b>Resource District:</b>	Selkirk Natural Resource District
<b>BCGS Map:</b>	082E008		
<b>NTS Map:</b>	082E02E	<b>UTM Zone:</b>	11 (NAD 83)
<b>Latitude:</b>	49 05 22 N	<b>Northing:</b>	5438625
<b>Longitude:</b>	118 35 43 W	<b>Easting:</b>	383529
<b>Elevation:</b>	1404 metres		
<b>Location Accuracy:</b>	Within 500M		
<b>Comments:</b>	Part of the Phoenix Mine. The claim is located 700 metres south of the Phoenix pit (082ESE020). Shaft location is on GSC Map 16A.		

### Mineral Occurrence

<b>Commodities:</b>	Copper, Gold, Silver		
<b>Minerals</b>	<b>Significant:</b>	Chalcopyrite, Pyrite, Magnetite	
	<b>Associated:</b>	Hematite, Epidote, Garnet, Calcite, Quartz	
	<b>Mineralization Age:</b>	Jurassic-Cretaceous	
<b>Deposit</b>	<b>Character:</b>	Massive, Disseminated	
	<b>Classification:</b>	Skarn, Replacement	
	<b>Type:</b>	K01: Cu skarn, K03: Fe skarn	

### Host Rock

<b>Dominant Host Rock:</b>	Sedimentary		
<b>Stratigraphic Age</b>	<b>Group</b>	<b>Formation</b>	<b>Igneous/Metamorphic/Other</b>
Triassic	Brooklyn	Unnamed/Unknown Formation	-----
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
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**Lithology:** Sharpstone Conglomerate, Limestone, Siltstone, Tuff, Microdiorite

### Geological Setting

<b>Tectonic Belt:</b>	Omineca	<b>Physiographic Area:</b>	Okanagan Highland
<b>Terrane:</b>	Quesnel, Plutonic Rocks		

### Inventory

No inventory data

### Capsule Geology

The War Eagle claim (Lot 678) is 700 metres south of the Phoenix pit (082ESE020) and adjoins the Aetna (082ESE022) and Grey Eagle (082ESE018) claims, situated to the north and west, respectively. The claim was Crown granted to R. Denzler and T.W. Johnson in 1897.

The mine was first developed by a two compartment vertical shaft sunk to the 30-metre level, which is also connected to the surface by a 100-metre long adit crosscut driven from the south. The ore was delivered from the property by gravity tram to a spur line of Canadian Pacific railway extending west from Hartford junction. This work was done by the Consolidated Mining & Smelting Company of Canada in 1909. In 1928, the War Eagle and other surrounding claims were held by the Hercules Consolidated Mining, Smelting, and Power Corporation, Limited. No clear documentation of production exists for the War Eagle; minor production may be included with the Showshoe (082ESE025).

The principal mineralized zone is hosted in sharpstone conglomerate (Triassic Brooklyn Group) above the main level, except at the north end of No. 2 north crosscut, where the ore dips a low angle to the north and west, below the main level. The ore consists of finely disseminated chalcopyrite and pyrite in a dense epidotic gangue and coarser irregular bands of grey calcite and quartz. A diamond drill hole through this ore body showed a vertical thickness of 9 metres.

A large body, averaging about 11 metres thick and composed mostly of magnetite and pyrite (with little or no copper mineralization), was encountered in crosscut No. 1 north, above the main level. This body measures 40 by 50 metres in plan projection and dips gently to the north.

Trenches in the northeast part of the claim expose massive magnetite and pyrite lenses across widths ranging from 9 to 15 metres. However, many of the open cuts show only lean ore or barren gangue with an abundance of massive green epidote containing some pyrite and calcite.

See Phoenix for additional details on development, geology and mineralization in the area.

### ***Bibliography***

EMPR AEROMAG MAP 8497G

EMPR AR 1894-756, map after 758; 1897-576, 593; 1900-878; 1902-174;  
1907-115; 1909-133; 1928-248; 1967-231

EMPR BULL 101, p. 235, Appendix 6

EMPR MR MAP 6 (1932)

EMPR OF 1990-25

EMPR P 1986-2; 1989-3, pp. 41-43, 99

EMPR PRELIM MAP 59

GSC MAP 15A, \*16A; 828; 45-20A; 6-1957; 10-1967; 1500A; 1736A

GSC MEM \*21, pp. 11, 15, 86, 93-94

GSC OF 481; 637; 1969

GSC P 45-20A; 67-42; 79-29

CIM Transactions Vol. 59 (1956), pp. 384-394

Basque, Garnet (1992): Ghost Towns & Mining Camps of the Boundary  
Country; Sunfire Publications Limited, pp. 82-115

Ball, M. (2017-01-26): Technical Report on the Greenwood Area Property

Cowley, P. (2017-06-02): Updated Preliminary Economic Assessment on  
the Greenwood Precious Metals Project

EMPR PFD 1105, 812143, 812144, 812145, 812216, 886347, 886348, 887215, 801927, 801935, 500027, 21759, 21780

<b>Date Coded:</b>	1985/07/24	<b>Coded By:</b>	BC Geological Survey (BCGS)	<b>Field Check:</b>	Y
<b>Date Revised:</b>	2020/07/22	<b>Revised By:</b>	Karl A. Flower (KAF)	<b>Field Check:</b>	Y