

### Location/Identification

<b>MINFILE Number:</b>	082ESE054	<b>National Mineral Inventory Number:</b>	082E2 Cu7
<b>Name(s):</b>	<b><u>KING SOLOMON (L.388)</u></b> COPPER QUEEN (L.387), LAST CHANCE (L.660), COPPER CAMP		
<b>Status:</b>	Past Producer	<b>Mining Division:</b>	Greenwood
<b>Mining Method</b>	Underground	<b>Electoral District:</b>	Boundary-Similkameen
<b>Regions:</b>		<b>Resource District:</b>	Selkirk Natural Resource District
<b>BCGS Map:</b>	082E017		
<b>NTS Map:</b>	082E02W	<b>UTM Zone:</b>	11 (NAD 83)
<b>Latitude:</b>	49 07 06 N	<b>Northings:</b>	5442141
<b>Longitude:</b>	118 46 58 W	<b>Easting:</b>	369915
<b>Elevation:</b>	1876 metres		
<b>Location Accuracy:</b>	Within 500M		

### Mineral Occurrence

<b>Commodities:</b>	Copper, Silver, Gold, Lead		
<b>Minerals</b>	<b>Significant:</b>	Galena, Chalcopyrite, Chalcocite, Bornite, Malachite, Azurite, Chrysocolla, Copper	
	<b>Alteration:</b>	Hematite, Limonite	
	<b>Mineralization Age:</b>	Tertiary	
<b>Deposit</b>	<b>Character:</b>	Disseminated, Vein	
	<b>Classification:</b>	Igneous-contact, Replacement, Syngenetic	
	<b>Type:</b>	K01: Cu skarn, I05: Polymetallic veins Ag-Pb-Zn+/-Au	

### 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	-----
Eocene	-----	-----	Coryell Intrusions
<b>Isotopic Age</b>	<b>Dating Method</b>	<b>Material Dated</b>	
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<b>Lithology:</b>	Limestone, Pulaskite, Pulaskite Dike, Pulaskite		

### Geological Setting

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

### Inventory

No inventory data

### Summary Production

	<b>Metric</b>	<b>Imperial</b>
<b>Mined:</b>	1,248 tonnes	1,375 tons
<b>Milled:</b>	0 tonnes	0 tons

<b>Recovery</b>	Silver	52,906 grams	1,701 ounces
	Gold	7,869 grams	253 ounces
	Copper	59,161 kilograms	130,428 pounds

### ***Capsule Geology***

The King Solomon (Lot 388), the adjacent Copper Queen (Lot 387) and Copper Mine (082ESE053) claims are central in what is known locally as 'Copper Camp'. The property is 11 kilometres west of Greenwood at 1340 metres elevation in the headwater area between Ingram Creek and Wallace Creek.

The rocks most commonly exposed on the property are lavas, breccias and feeder dikes and sills of the Penticton Group. These Tertiary rocks rest unconformably on a thick sequence of southeasterly dipping Brooklyn limestone (Triassic). Distal parts of the property are underlain by sharpstone conglomerate intercalated with the limestone and, below the Triassic assemblage, massive chert of the Knob Hill Group (Paleozoic).

A zone of oxidation and enrichment marks the unconformity at the base of the Tertiary in Copper Camp. This zone includes regolithic copper showings that are believed to have formed by Tertiary concentration from sulphide bodies previously developed within the Brooklyn limestone.

On the King Solomon claim, the main deposit occurs at the contact between an alkali porphyry dike and crystalline limestone. These rocks are much fractured and traversed by little slips and in places the limestone is reduced to small blocks. Locally the main fissures in the limestone are filled with oxidized iron and copper sulphides. Where the Tertiary volcanic rocks have been stripped away by glacial erosion, the upper surface of the deposit is characterized by earthy red hematite. The edges of the limestone blocks are commonly corroded and encrusted by red hematite, yellow limonite and copper ore minerals. Specimens can be gathered showing a nucleus of chalcopyrite surrounded by bornite and a periphery of chalcocite. Malachite, azurite, native copper, chrysocolla are some of the associated accessory minerals. The ore is said to have run several per cent copper accompanied by appreciable gold and silver values.

Lefabre and Lynch located the King Solomon in 1887 and D.C. Corbin acquired it in 1888. In 1894, a 5-metre shaft and a 12- metre tunnel were developed on an ore zone 8 to 12 metres wide containing 15 to 20 per cent copper. The King Solomon and Copper Queen were Crown granted in 1896 to E.J. Roberts. No information exists on tonnage mined prior to 1900, however, ore shipments in 1901 and 1902 exceeded several hundred tonnes each year. In 1917 the King Solomon and Copper Mine between them shipped 860 tonnes. After 1918 the property lay dormant until 1950 when W.E. McArthur renewed exploration. This led to the discovery of a new sulphide body from which two carloads of ore went to the Tacoma Smelter. In 1954 Noranda Mines Ltd. drilled the extension of the mineralized zone passing through the Copper Queen and King Solomon claims. In 1955 Consolidated Mining and Smelting Co. tested weakly mineralized limestone in the same area. Subsequent exploration programs in 1967 by McIntyre Porcupine Mines, and in 1970 and 1977 by Pechiney Development Ltd. and Riocanex Ltd., respectively, included geological mapping, geochemical soil sampling, magnetometer and induced polarization surveys, bulldozer stripping and diamond drilling.

In 1990-1993, a program of geophysical and geochemical surveys was completed. In 1990, a mineralized skarn sample (QR 90-7) returned 0.87 per cent copper, 11.7 parts per million silver and 4720 parts per billion gold (Assessment Report 20807).

During 2008 through 2012, Grizzly Discoveries Inc. completed programs of geochemical sampling, geological mapping and ground geophysical surveys on the area as the Greenwood property.

### ***Bibliography***

EMPR AEROMAG MAP 8497G  
 EMPR AR 1894-755, map after 758; 1896-562,582; 1897-576,586; 1898-1125,1127; 1899-604,768; 1901-1051; 1902-176,180; 1903-166; 1905-183; 1913-150; 1916-255; 1917-203,213,449; 1939-A39,81; 1940-A64; \*1954-48,119-122; 1955-A47,47; 1956-75; 1960-64; 1966-244; 1967-227  
 EMPR ASS RPT 770, 1082, 2453, 5842, 6017, 6378, 6394, 6436, 8497, 8823, 12328, 20807, 20863, 23059  
 EMPR BC METAL MM00881  
 EMPR EXPL 1977-E18, 1978-E20  
 EMPR INDEX 3-202  
 EMPR MR MAP 6 (1932)  
 EMPR OF 1990-25  
 EMPR P 1986-2  
 EMPR PF (Clayton, C.J. (unknown): Copper Camp Claims, King and Queen Claims Property Submittal; Brock, R.W. (1901): Preliminary Report on the Boundary Creek District; Galloway, J.D. (1927): Report on Mineral Properties in Greenwood Mining Division; unknown (1954-01-01): Copper Queen - McArthur Group - Plan - Greenwood; Longe, R.V. (1980-11-01): Diamond Drilling and Geological Mapping report on the Copper Queen Claims)  
 EMPR PRELIM MAP 59  
 GSC MAP 828; 45-20A; 6-1957; 10-1967; 1500A; 1736A  
 GSC OF 481; 637; 1969

GSC P 67-42; 79-29  
GSC SUM RPT 1900-R20,21, 1901-A64-67, \*1902-125,135,137,432,436  
WWW [http://infomine.com/index/properties/COPPER\\_CAMP.html](http://infomine.com/index/properties/COPPER_CAMP.html)  
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EMPR PFD 1167, 1168, 1169, 1170, 752560, 823205, 823258, 824179, 823323, 825551, 801935, 827836

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