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

Location/Identification

MINFILE Number: 082ESE108  
Name(s): SILVER QUEEN (L.1316S)  
SILVER KING (L.1317S), COPPER KING (L.1319S), B.C. (L.1318S), U.S. (L.1320S), BLACK BEAR (L.2597S), TRIPOLI (L.1613S)  
Status: Showing  
Mining Division: Greenwood  
Mining Method: Underground  
Electoral District: Boundary-Similkameen  
Regions: British Columbia  
Resource District: Selkirk Natural Resource District  
BCGS Map: 082E048  
NTS Map: 082E08W  
UTM Zone: 11 (NAD 83)  
Latitude: 49 29 52 N  
North: 5483742  
Longitude: 118 24 17 W  
Easting: 398284  
Elevation: 1127 metres  
Location Accuracy: Within 500M  
Comments: Shaft on Lot 1316s west of Burrell Creek, about 52 kilometres north of Grand Forks (Minister of Mines Annual Report 1914).

Mineral Occurrence

Commodities: Copper, Lead, Silver  
Significant Minerals: Pyrite, Chalcopyrite, Galena  
Associated Minerals: Quartz  
Mineralization Age: Unknown  
Deposit Character: Vein  
Classification: Hydrothermal, Epigenetic  
Type: I05: Polymetallic veins Ag-Pb-Zn+/-Au

Host Rock

Dominant Host Rock: Volcanic  
Stratigraphic Age:  
Upper Paleozoic  
Eocene  
Eocene  
Middle Jurassic  
Formation:  
Harper Ranch  
Penticton  
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Unnamed/Unknown Informal  
Igneous/Metamorphic/Other:  
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Coryell Intrusions  
Unnamed/Unknown Informal  
Isotopic Age:  
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Material Dated:  
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Lithology: Volcanic Rock, Volcaniclastic, Syenite, Monzonite, Granite, Metasedimentary  
Comments: Carboniferous to Permian Harper Ranch Group.

Geological Setting

Tectonic Belt: Omineca  
Terrane: Harper Ranch, Plutonic Rocks  
Physiographic Area: Okanagan Highland
Inventory

Ore Zone: DUMP  
Category: Assay/analysis  
Year: 1914  
Report On: N  
NI 43-101: N

Sample Type: Grab

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Silver</td>
<td>47.9 grams per tonne</td>
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<tr>
<td>Copper</td>
<td>1.0 per cent</td>
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<tr>
<td>Lead</td>
<td>0.5 per cent</td>
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Comments: A dump sample from the shaft
Reference: Property File - Andrew G. Larson [1914-01-01]: Report on the Franklin Mining Camp and North Fork of Kettle River

Capsule Geology

The Silver Queen (L. 1316s) occurrence is located on a hill separating Burrell and Blue Joint creeks, approximately 4.5 kilometres south of Mount McKinley.

The area is underlain by volcaniclastic and sedimentary rocks of the Carboniferous to Permian Harper Ranch Group, which have been intruded by granite and granodiorite of an un-named Middle Jurassic Intrusion. These are overlain by undivided volcanic rocks of the Eocene Penticton Group. A syenitic to monzonitic intrusive of the Eocene Coryell Plutonic Suite outcrops to the west.

Locally, a 1.5 metre quartz vein is exposed containing pyrite, chalcopyrite and galena. A shaft reported to be 22.8 metres deep was sunk on the vein but is full of water (ca. 1914). A dump sample from the shaft assayed 0.5 per cent lead, 1.0 per cent copper and 47.9 grams per tonne silver (Property File - Andrew G. Larson [1914-01-01]: Report on the Franklin Mining Camp and North Fork of Kettle River)

A shaft and a number of trenches are reported on and around the Juditti and Tripoli (L. 1613s) Crown grant to the south- south east.

Bibliography

EMPR AR 1913-K424; *1914-K348-K350

| Date Coded:         | 1985/07/24 | Coded By: BC Geological Survey (BCGS) | Field Check: N |
| Date Revised:       | 2018/10/12 | Revised By: Karl A. Flower (KAF)      | Field Check: N |