The British Columbia Geological Survey’s MINFILE database lists over 7,800 copper-bearing occurrences in the province; 4,057 of these list copper as the primary commodity.

- 8 Current producers
- One mine on temporary suspension (Myra Falls)
- Total copper in the reserves of producing mines more than 7 Mt
- Total recorded copper production (1894-2014) is approximately 13 Mt
- Over 90% of the total production comes from 15 deposits, mainly calcalkalic porphyries, alkalic porphyries, and VMS deposits

www.empr.gov.bc.ca/mining/geoscience/minfile

### Top 10 BC Copper Producers/Camps

<table>
<thead>
<tr>
<th>Mine/Camp</th>
<th>Milled Cu (t×10^6)</th>
<th>Cu (t)</th>
<th>Mo (t)</th>
<th>Au (t)</th>
<th>Ag (t)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highland Valley Camp*</td>
<td>1,659</td>
<td>4,921</td>
<td>72.8</td>
<td>8.4</td>
<td>1,371.6</td>
</tr>
<tr>
<td>Gibraltar</td>
<td>448</td>
<td>1,244</td>
<td>13.6</td>
<td>0.1</td>
<td>105.5</td>
</tr>
<tr>
<td>Island Copper</td>
<td>367</td>
<td>1,227</td>
<td>32.0</td>
<td>35.3</td>
<td>294.0</td>
</tr>
<tr>
<td>Similco Camp*</td>
<td>216</td>
<td>897</td>
<td>24.6</td>
<td>328.0</td>
<td></td>
</tr>
<tr>
<td>Britannia*</td>
<td>47</td>
<td>517</td>
<td>15.4</td>
<td>181.0</td>
<td></td>
</tr>
<tr>
<td>Huckleberry</td>
<td>111</td>
<td>465</td>
<td>3.7</td>
<td>1.8</td>
<td>81.4</td>
</tr>
<tr>
<td>Myra Falls Camp†</td>
<td>30</td>
<td>424</td>
<td>36.0</td>
<td>1,108.0</td>
<td></td>
</tr>
<tr>
<td>Craigmont*</td>
<td>35</td>
<td>403</td>
<td>0.1</td>
<td>0.2</td>
<td></td>
</tr>
<tr>
<td>Kemess South*</td>
<td>232</td>
<td>358</td>
<td>92.4</td>
<td>4.9</td>
<td></td>
</tr>
<tr>
<td>Anyox Camp*</td>
<td>20</td>
<td>336</td>
<td>3.9</td>
<td>215.0</td>
<td></td>
</tr>
</tbody>
</table>

* Past Producer
† Multiple Ore Bodies

### Contact Information

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Cover photo (large) courtesy of Teck Resources Limited

### Highland Valley Copper
- Owned (97.5%) and operated by Teck Resources Limited
- Life of mine to 2027 (2015 estimate)
- Exploration and mill upgrades result in throughput of 140,000 tonnes per day

### Gibraltar
- Owned (75%) and operated by Taseko Mines Limited
- Mine life of 25 years (2012 estimate)
- 2014 production: 61,915 tonnes of copper
- Recent mill expansion to 85,000 tonnes per day

### Red Chris
- Owned and operated by Imperial Metals Corporation
- First load of copper concentrate shipped April 11, 2015
- Project life of 28 years at milling rate of 30,000 tonnes per day (2012 estimate)
- Recovered metal in concentrate projected to be 2.08 billion lbs of copper

Cover photo (large) courtesy of Teck Resources Limited

Updated September, 2015
Contributors: TS, GC, BN
**B.C. Copper Deposits in British Columbia**

**B.C. Copper Deposit Types**

**Porphyry Cu-Au: Alkaline**
- Mainly restricted to the Late Triassic-Early Jurassic (215-180 Ma) and mainly in Stikine and Quesnel terranes. Deposits: 0.7 to 23.7 Mt, grading up to 0.25% Cu, 86 g/t Ag and 1 g/t Au (e.g. Equity Silver).

**Massive Sulphide Cu-Zn: Besshi**
- Mainly Cambrian and Late Triassic. Deposits: <1 to 113 Mt (e.g. Windy Craggy).

**Massive Sulphide Cu (Zn): Cyprus**
- Primarily Mississippian-Permain and Late Triassic-Jurassic. Deposits: 0.7 to 23.7 Mt, grading up to 3% Cu, 1 g/t Au, 10 g/t Ag and 0.5% Zn (e.g. Anyox).  

**Porphyry-Cu-Au±Ag: Subvolcanic/Transitional**
- Mainly Cretaceous and Tertiary. Deposits transitional between porphyry and epithermal environments. Deposits: >30 Mt grading 0.25% Cu, 86 g/t Ag and 1 g/t Au (e.g. Equity Silver).

**Skarn Cu:**
- Mainly Early to Mid-Jurassic. Deposits: up to 34 Mt grading 1.3% Cu (e.g. Craigmont).

**Ultramafic-Mafic Ni-Cu: Gabbroid**
- Worldwide mainly Archean to Proterozoic but younger in B.C. Deposits: up to 30 Mt grading 0.77% Ni and 0.47% Cu, but can be much higher in grade (e.g. Giant Mascot).

**Volcanic Redbed Cu:**
- Triassic. Up to 5 Mt grading 1.5% Cu (e.g. Sustut).

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**Selected Copper Deposits in British Columbia**

**Porphyry Cu-Au: Alkaline**

**Porphyry-Cu-Au±Ag: Subvolcanic/Transitional**

**Massive Sulphide Cu-Zn: Besshi**

**Massive Sulphide Cu (Zn): Cyprus**

**Massive Sulphide Cu-Zn: Kuroko/Noranda**

**Skarn Cu:**

**Ultramafic-Mafic Ni-Cu: Gabbroid**

**Volcanic Redbed Cu:**

For more information on B.C. mineral deposit profiles, visit: [www.emp.gov.bc.ca/Mining/Geoscience/MineralDepositProfiles](http://www.emp.gov.bc.ca/Mining/Geoscience/MineralDepositProfiles)