



MINFILE NTS 093H & 083E – McBRIDE & MOUNT ROBSON

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The McBride (093H) and Mount Robson (083E) map areas contain 133 recorded mineral occurrences. The area is underlain by rocks of Ancestral North America and the Omineca and Eastern belts. Mineralization occurs primarily in the Barkerville terrane which is in thrust contact with Triassic Quesnellia terrane rocks to the west and Hadrynian to Lower Paleozoic Cariboo terrane rocks to the east.

Placer gold deposits of the Quesnel Highland region, including the former rich producers (e.g. **Wingdam Creek**, 093H 086) of the Barkerville camp, have accounted for a large proportion of British Columbia's alluvial gold production. The morphology and mineral associations of the gold suggests that it was derived locally, probably from the numerous auriferous veins in the Downey succession of the Snowshoe Group. The **Eight Mile Lake** (093H 014) placer is presently being investigated.

Precious and base metal mineralization occur predominantly in quartz veins hosted in metasediments of the Snowshoe Group. Minor tungsten is also present in these veins. Base metal mineralization occurs in siliceous breccia zones. Chalcopyrite occurs in amygdaloidal volcanics at the Sweetwater (093H 060) occurrence. The **Cariboo Gold Quartz** (093H 019) and **Island Mountain** (093H 006) mines, both major past producers, are presently being examined for the possibility of replacement ore. Other past producers include the **Mosquito Creek** (093H 010) mine and the **Hardscrabble** (093H 023) mine (tungsten). The **AK** (093H 133) prospect consists of quartz veins hosted by limestones and argillites near the top of the Isaac Lake Formation mineralized with visible gold, sphalerite, chalcopyrite and galena.

The Bowron River sedimentary succession hosts Paleocene coal seams at the **Bowron River** (093H 005) prospect. Limestone was mined at the **Ptarmigan Creek Quarry** (093H 017) and many limestone showings occur in the Cunningham and Mural formations. Quartzite (**Wishaw Lake** (093H 131) and **Longworth** (093H 038)) occurs in the Lower Silurian Nonda Formation and the Lower Cambrian Mahto Formation. The **Forgetmenot** (083E 001) prospect, hosted in the Whitehorse Formation, contains 2.3 million tonnes of 75 to 90 per cent gypsum.