



BC Crown Contaminated Sites Program Site Summary



Molly Gibson

Location: 49° 43' 49" N, 117° 09' 08" W

Status: Site Investigation and Risk Assessment

The former Molly Gibson mine, located approximately 15 km north-east of Nelson, BC, in Kokanee Glacier Park, operated from 1899 to 1950 and produced silver, lead, zinc, gold, and copper. The mine consisted of an upper and lower workings area, and included mill and ore unloading operations. A mine access road, Kokanee Glacier Road, connected the highway with the mine workings. The mill area is approximately one km south of Gibson Lake and was built beside Kokanee Creek. The mill area was connected to the workings areas by an aerial tramline. Production between 1899 and 1950 totaled 55,860 tonnes

mined and 47,556 tonnes milled with 90% of the production completed by 1913.

A preliminary site investigation in 2012 found high levels of lead, arsenic and cadmium in soil between the parking lot, creek, and groundwater seeps. Based on the RRM Workshop results, a limited detailed site investigation was initiated in 2017 and a supplemental investigation undertaken in 2019-2020. Future management actions include risk assessment and remedial planning activities. Remedial options will be developed in coordination with stakeholders such as BC Parks.

If you have questions or would like more information, please contact the Crown Contaminated Sites Program by emailing contaminated.sites@gov.bc.ca or visit our website <https://www2.gov.bc.ca/gov/content/environment/air-land-water/site-remediation/contaminated-sites/crown-contaminated-sites-program>.