

The ore is finely granular in texture and generally free from rock-matter or other impurities, but in some places contains siliceous kernels, with epidote and brown garnet. A fragment of the ore comprising one of these kernels and rusty in appearance, was examined for gold and silver, but proved to contain neither.

North-east Arm On the north-east arm of Upper Arrow Lake, referred to on page 36 B, ten mining claims have been taken up, according to the Report of the Minister of Mines for British Columbia. Good specimens of argentiferous galena ores have been brought from these claims, which, however, were not visited by me, and on which little work has yet been done.

Quartz Veins Specimens from a quartz vein traversing the argillite-schists a short distance north of the mouth of Koos-ka-nax Creek, on Upper Arrow Lake, proved, on assay in the laboratory of the Survey, to contain neither gold nor silver.

Some specimens of a peculiar vitreous quartz traversing the gneissic and mica-schist series at the north-west corner of Kootanie Lake, though showing a little galena, also proved to contain neither gold nor silver on assay.

The occurrence of tourmaline with some peculiarities in the appearance of the granites, already referred to (p. 39 B) as being characteristic in the vicinity of Fry River on Kootanie Lake, led me to collect some of the heavier materials by washing the gravel of the river in a gold-pan, for the purpose of ascertaining whether any trace of tin could be found, but this also proved to be quite barren on analysis.