

Waterfront Claim.

The claim is situated on the north side of Alice arm, about half a mile from its head. It contains a strong quartz lead about 6 feet thick which outcrops near the water level and is said to be traceable in a northwest direction across the claim. It contains grains of iron pyrite, galena, and sphalerite, but is only lightly mineralized. Pyrargyrite is stated to have been obtained from it, but none was seen by the writer.

A galena showing on a branch of Lime creek in the mountains south of Alice arm, and a large iron showing high up, west of Goose bay, were not examined, as at the time of my visit (June 23-July 15, 1911) they were still buried in snow.

MAPLE BAY.

Maple bay is a small indentation in the coast of Portland canal, situated due west from the head of Goose bay, on Observatory inlet. The argillaceous rocks of Goose bay extend westward across the mountain range separating Observatory inlet from Portland canal, and crop out along the shores of the latter in a wide band in the vicinity of Maple bay. They become more altered in their extension westward, and the dark argillites are represented by greyish and dark micaceous schists and the included greenstone bands, both plastic and massive, by chloritic schists.

The schists are cut in places by quartz veins, and one of these was mined on a considerable scale some years ago by the Brown Alaska Company. The vein worked is situated about a mile from the beach in a N.N.E. direction, and at an elevation of 980 feet above it. A road from the beach to the mine was constructed, a wharf built and a number of buildings, including bunkers, erected at the mine and wharf, and a compressor and boiler-house at the beach. All of these are now rapidly going to ruin.

The principal workings consist of a long tunnel measuring roughly 980 feet. The quartz vein was followed for 550 feet. It was then either lost or gave out, as little quartz was noticed in the last 430 feet. The vein strikes a few degrees east of north and dips to the east at an angle of 45° . It consists mostly of quartz with some enclosed schist, and ranges in width from 3 feet to about 12 feet. The principal metallic minerals noted are pyrrhotite, pyrite, and chalcopyrite. The percentage of chalcopyrite varies, and only in places is present in sufficient quantities to constitute an ore. Small values in the precious metals are reported.

Some stoping has been done and the ore shipped to a smelter on Prince of Wales island. The general tenor of the ore was not earned. The mine has been idle for several years.