

west is seven miles; its greatest probable width about two miles, and its approximate probable area 6,530 acres.

Mr. Harold W. Fairbanks, Ph.D., says in his report that the area of coal-bearing rocks extends for about eight miles along the north shore of the west arm.

Another geologist, Prof. Wm. P. Blake, M.E., referring to the coal in this area, states that the coal is long flame bituminous, yielding its gas readily

Excellent copper showings exist in the southeast arm of Quatsino Sound, which have been developed to some extent, and of which we gave a brief description in July, 1898. From 23 assays an average of \$21.52 was obtained.

The difficulty in prospecting in a country so densely covered with vegetation as the northwest coast of Vancouver Island cannot be fully appreciated without being seen, but sufficient work has been done to demonstrate the mineral wealth of the country.



Quatsino Sound—West Arm.

and giving a bright clean coke. The coal is firm and remarkably free from iron and sulphur, and its ash is white and light; the different samples give 69.5 and 70 per cent. coke, 30 and 30.5 per cent. volatile and gaseous compound.

The Canadian Government Blue-book Geological Survey of Canada, March, 1899, contains the following on the Koskeemo (Quatsino) coal fields: "The approximate area, not including under-water estimate, about 5,630 acres. The coal is bituminous and of excellent quality. An analysis of the specimen made in the Laboratory of the Survey gives the following result: Hydrosopic water 1.05, volatile combustible matter 34.38, fixed carbon 54.01, ash 10.56 in 100 parts,

The crying need of the district is a good road between Hardy Bay, on the east side, and Coal Harbour, on the west side of the Island, and a wharf at Hardy Bay. The Government has already spent some money on this road, and we do not know why the work was suspended. The Company now operating there was induced to do the work it is now doing on the assumption that the road would be completed. With such a road and wharf completed the country would settle up rapidly and taxes would come in fully many times over what are now paid begrudgingly.

The climate in the vicinity of Coal Harbour, Quatsino Sound, is mild and agreeable, and the rain-fall is not excessive.