

salt water and the sallal thickets, are to be found in great numbers. Personally I cannot imagine a more ideal spot to spend a couple of weeks camping during the warm summer months.



THE AUTHOR, DR. MARSHALL, AT THE HOT SPRINGS.

To those interested in geological phenomena and in the formation of West Coast mineral deposits, there is a valuable lesson to be learned. The mineral deposits of the West Coast are frequently formed along fault planes, and many of the copper deposits are found in rock formations similar to those which form the peninsula. In the fault plane at the end of the promontory, we have actually a mineral lode in process of formation which does not, however, necessarily contain copper.



CLEFT IN ROCKS THROUGH WHICH THE SPRING FLOWS.

It would, however, be interesting to examine the spring for traces of this metal, as this spring is situated on the outskirts of an important copper-bearing mineral belt.

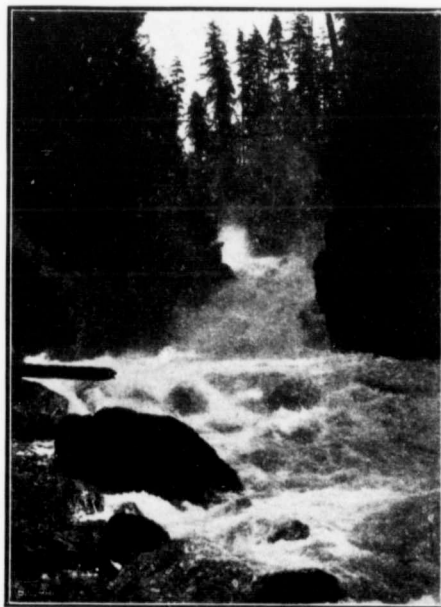
THE MINERAL INDUSTRY ON THE COAST, VANCOUVER, TEXADA AND PRINCESS ROYAL ISLAND, DURING 1901.

By W. M. BREWER, M. A. I. M. E.

WHEN the progress during the past year is considered, on the basis alone of actual accomplishment, there is apparently little cause for exaltation one way or the other. So far as the coast mines

are concerned, except as regards the property owned by the B. C. Exploring Syndicate on Frederic Arm, there has been no development performed. On that property a force of miners have been kept at work continually, and according to the reports of the superintendent, Mr. Joseph Argal, the operations have been quite satisfactory. The ore body which has been exposed in the higher levels, has also been exposed on a lower level, after running about 1,000 feet of crosscut tunnelling and upraising. The extent of this body has not yet been determined, but the company is continuing its very admirable policy of steadily prosecuting development work in order to determine the capacity of the mine before attempting to ship or treat ore.

On Howe Sound, a reorganisation of the Britannia syndicate has been perfected, by which Montana men



POWELL RIVER—MIDDLE FALLS.

have secured control of the property, and although no work has been done in the mine itself during the past year, yet surveys have been completed for tramways and roadways to insure transportation facilities from the mine to the beach. It is confidently expected that these will be built early in the coming year, and the necessary machinery installed, in order to commence mining operations on such a scale as is warranted from the development work which was carried out during 1900.

Considerable prospecting and assessment work have been done at Howe Sound, within ten or twelve miles from the Britannia group, and several of these prospects will apparently develop into mines of commercial value.

On the Seamore creek, within fourteen miles from Vancouver, there has not been the activity which was expected from the representations made by the owners of prospects in that region during the fall and winter of 1900 and 1901. The work done there has merely taken the form of assessment work, which the owners of the properties, assert has resulted very satisfactory, by ex-