

lead. The first vein has a good width of milling ore with a shoot of twenty to twenty-four inches of pay ore, which is now being sorted for shipment.

Fort Steele, B.C.

Gold placer mining operations are being carried on at Wild Horse Creek, near Fort Steele, on a considerably larger scale than for the last few years. The Gamble Company, after a twelve days' run, closed down operations owing to a break in the flume line on Boulder Creek. To test the ground a clean-up was made while the repairs were in progress, with results more than satisfactory. The Wild Horse Dredging Company, with leases covering the bed of the Creek from Kootenay River up about five miles, is working steadily to get its machinery in operation.

Trail, B.C.

The announcement has been made that James J. Warren, who has held the office of General Manager of the Consolidated Mining and Smelting Company of Canada for a number of years, has been elected to the Presidency of that company. Mr. Warren's preferment has created favorable comment throughout mining circles in this province.

Grand Forks, B.C.

A compressor plant has been installed at the Maple Leaf Mills Franklin Camp. H. W. Young, the Manager, states that work will start immediately in the further development of the property. Two shifts will be employed in driving the tunnel which now is in some sixty feet, it being planned to do several hundred feet of tunnelling in opening up the property. The Union Mine, of the same camp, also is being energetically developed.

Yale, B.C.

Diamond drilling operations have been started on the property of the Aspen Grove Amalgamated Mines, Limited. Surface indications promise an extensive zone of medium grade copper ore and to prove this it is the intention of the company to do some 10,000 feet of drilling. The drilling started by the Provincial Government on the Snow-storm Group in Highland Valley continues and the results so far are promising.

Cowichan, B.C.

The Lenora property, Mount Sicker, Vancouver Island, has been bonded by G. B. Turner, representing New York interests, and there are indications promising a revival of copper mines in that district. It will be remembered that the operations of the Lenora Mines ceased years ago when the property appeared to be exhausted. Mr. Turner, however, has started a shaft from which he intends to cross-cut the formation north of the fault, an area left untouched by previous development. There are no indications of copper on the surface, but a small vein has been encountered. It is interesting to note that the Tye and Lenora Mines combined have produced over \$3,500,000 in copper and gold, of which \$500,000 was derived from the gold recovered. Mr. Turner is reasonably sure that he is putting a theory to a practical test that will result in a renewal of mining activity in the Mount Sicker Section.

The B. C. Manganese Company, Limited, is developing the manganese products situated near Cowichan

lake. A railroad is being built to connect the E. & N. Railway with the mine. Bunkers are being constructed at the mine and a water system has been installed. Already contracts have been arranged to start shipping almost immediately to the Bilrowe Alloys Company, Tacoma. The company has also been asked by the Canadian Consolidated Mining and Smelting Company, Trail, B.C., for a supply of manganese ore. Dr. T. L. Walker, Professor of Mineralogy, University of Toronto, visited the property recently and commented very favorably upon it.

Portland Canal.

There is no section of British Columbia attracting more attention in a mining way than Portland Canal. Hon. William Sloan, Minister of Mines, recently made a tour of inspection of the district. From Stewart he went inland to Salmon River and visiting the Premier, Big Missouri and other mining properties of the locality. On his return he spoke very optimistically of the outlook. He reported that development is in progress not only on the Premier but also on the Big Missouri in which Sir Donald Mann is interested, and on other first-class prospects. Mr. Sloan stated that in order to facilitate the opening up of the mineral resources of this section considerable road construction is necessary. The owners of the Premier mines were building eleven miles of road from Hyder through American territory to the Boundary line. The Provincial Government would assist in the building of the road from that point to the mine and also in the opening up of roads and trails to other properties in the vicinity. He observed that there could be no reasonable doubt that the prosperity following successful mining operations would mean a material expansion in trade. It was the opinion therefore that Canadian merchants should be alive to the opportunity offered. The Dominion government was spending a considerable sum in the construction of a wharf at Stewart and the British Columbia administration was constructing a road from Stewart to Hyder at an expense of approximately \$30,000. It will be seen, therefore, that the Government realize the importance of providing necessary transportation. He concluded by stating that present indications were that some of these properties would develop into first-class mines and that the whole district was rich in mineral resources. Mr. Sloan also visited the smelter of the Granby Consolidated Mining and Smelting Company at Anyox, B.C., and travelled over the Grand Trunk Pacific as far as Smithers, where he was in consultation with a number of mine operators of property situated on Hudson's Bay Mountain. He promised that the Government would extend some assistance towards providing roads and trails to the Colorado and Victory mining claims as well as other properties situated in that district.

Alice Arm, B.C.

The railroad from Alice Arm to Dolly Varden Mines has been completed, and the loading chutes on the company's wharf have been finished. It is not expected to be long therefore before the Dolly Varden is again on the shipping list.

The LaRose mine has started active operations and the North Star should be shipping at an early date. The latter has a good tonnage of ore on the dump. The Vanguard Group also is being put in shape for shipment of ore while the United Metals Company has open-