

nual summary report of the geological survey work in British Columbia, and the Yukon during 1919. It contains an account of the explorations of W. E. Cockfield in the Ogilvie Range, Yukon, who also writes of the Mayo District in the same area. J. J. O'Neill deals with the Salmon River District, B.C.

Apropos of the new monograph on Graphite by H. S. Spence of the Dominion Mines Branch, it may be noted that in British Columbia graphite has been discovered at Alkow Harbor and on Dean Channel in the Bella Coola District. In the Fort Steele District it has been found on Matthew Creek, Marysville. A vein about two feet wide and running 25 per cent graphite was uncovered there about four years ago. In neither body nor values, however, is the vein a commercial proposition. Some years ago two carloads were shipped from Harrison Lake, but nothing further has been developed there. These are the only reputed discoveries. In the Bella Coola District the mineral occurs in minute flakes associated with pin-ites in a matrix of heulandite. It runs 23 per cent. in graphite. The Marysville deposit occurs on a contact of diorite and mica schist in a disseminated matrix of earthy silicates.

Moyie, B. C.

It again is reported that the St. Eugene Mine is to be put on a shipping basis by the Consolidated Mining & Smelting Co. The heavy tonnage from the Sullivan at Kimberley to the Trail Smelter is said to necessitate wet ore from the St. Eugene to act as a flux. The St. Eugene has produced over 5,000,000 ounces of silver and 229,000,000 lbs. of lead, valued at more than \$10,000,000. When the St. Eugene closed down in 1910 it was reported that the ore deposits had played out but it is said that there are big bodies of ore still in reserve. A small crew of men is at work.

Trail, B. C.

Ore receipts at the Trail Smelter of the Consolidated Mining & Smelting Co. of Canada for the week ending July 21st were 7,061 tons, bringing the total receipts for the year up to 168,295 tons. For the first time for some years the Velvet Mine of Rossland appears among the list of properties shipping ore to the smelter. The Silver Bear, of Kaslo Creek, also is one of the shippers.

Grand Forks, B. C.

The Copper Farm Group, situated about five miles below Princetown on the Great Northern Railway, is being developed by the Princetown Mining & Developing Co. and is expected to become a regular shipper. There are three full claims on which the ledge has been opened by three tunnels. The vein has been traced for about 4500 feet on the surface and the operators assert that they have a large body of concentrating ore averaging 4 per cent. in copper and one ounce in silver. A three drill compressor has been installed and is now operating by means of steam power and another is to be installed shortly.

Vancouver, B. C.

J. W. D. Moodie, for many years general manager of the Britannia Mines, has resigned. He has been succeeded by B. B. Nieding, a well known mining man of the Pacific Northwest.

T. C. Botterill, formerly assistant superintendent of the Surf Inlet Mine, has accepted the superintendency of the Emancipation Mine, operated by the Liberator Mining Company.

THE COAL MINES.

The Canadian Collieries (D) Ltd., has adopted a forward policy in connection with the development of its coal holdings on Vancouver Island. J. M. Savage, General Manager, and Thomas Graham, General Superintendent, have decided that the Extension field shall be opened up to a greater extent than at present. There is coal at Extension and coal at the head of Oyster Harbor and there is every reason to believe that there is coal under the Haslam flats lying between these points. Several boreholes have been put down in this territory and all have shown coal or coal indications. A workable seam, however, has yet to be found and the Company will make another effort to this end, it being the intention that new boreholes shall be commenced without delay. The Company's new mine at South Wellington now is a regular producer and it also possesses a coal field at Sable River, near Union Bay, which will have attention soon. Messrs. Savage and Graham declare that the factors that have prevented the Company's aggregate output mounting very materially are lack of labor and uncertain market conditions. At present, however, there is no doubt about the market. The demand for the fuel produced by the collieries of Vancouver Island is brisk, in confirmation of which may be instanced the recent shipments to Sweden and other foreign parts and the prospect of further development of this overseas trade. Therefore it is the intention to proceed with development and to produce to the maximum capacity of the field having regard to the labor available.

With reference to the recent indications that a strong European market is about to be established for British Columbia coal it is interesting to note that the "S. S. Robin Goodfellow," of the Robin Line Steamship Co., a subsidiary of the Skinner and Eddy Corporation, of Seattle Wn., after loading at the bunkers of a Vancouver Island Coal Company will leave for a South American port.

Following the reaching of a settlement of wage and other questions between the Mine Operators and Employees in Eastern British Columbia and Alberta Coal Fields it was thought that a period of industrial peace was assured. Broadly speaking there is no reason for believing that this assumption will not be justified. There already has been, however, one slight rift in the lute. It occurred at Fernie, B. C. All the men with two exceptions had signed up with the U.M.W. of A., as it was through this organization that the agreement had been made with the Operators. When the two referred to it is stated that the U.M.W. of A. refused to accept them as members. Whether this is correct or no there is no doubt of what ensued. The miners refused to go to work the next day as a protest and a deputation waited on the management of the Crow's Nest Pass Coal Co. to make known the grievance. The next day, however, they went back to work pending an adjustment of this difference. The mines at Michel are in full operation, which statement applies to most of the mines of District 18 (U.M.W. of A.) which takes in a part of Eastern B.C. and the whole of the Province of Alberta.