

It is said the Dominion Coal Company will mine 400,000 tons this winter.

J. L. Bell, advocate, Quebec, has accepted the position of assistant gold commissioner in Yukon at a salary of \$4,000.

G. W. Mitchell has just returned from the Peel River. He has made a good map of the river courses in the hitherto unexplored country lying between the Mackenzie and the Yukon rivers.

D. H. Beaton, Fort William, Ont., reports that the Johnson Nickel Mining Co., St. Paul, U.S., are doing extensive prospecting for iron with a diamond drill on the Canadian border near Gun Flint Lake.

George C. Hinton & Co., Vancouver, B.C., have placed an order with the Royal Electric Co. for a 10 k.w. multipolar generator, and the necessary wiring of lamps for one of their mining camps on Vancouver Island.

A fine strike of nickel ore is said to have been made in the Fort Steele district of East Kootenay. The claim is four miles from Fort Steele on Wild Horse creek. A wagon road runs from Fort Steele directly to the property.

An immense copper belt is said to extend from White Horse Rapids, on the Yukon River, to a point on the Dalton trail, forty miles from the Lynn Canal. It is over fifty miles in extent, and lies in British territory. In places vast masses of ore yielding \$60 in copper to the ton are exposed.

W. H. and J. W. Wylie, Almonte, Ont., have a gang of men taking out hematite iron ore between White Lake and Calabogie, Renfrew county, Ont. Several car-loads will be shipped to the smelting works at Deseronto for test, and if found desirable the mine will be extensively worked.

Lord Ernest Hamilton is said to have bought the Florman quartz claims at Atlin for a quarter of a million dollars. The agreement binds the company which Lord Hamilton will organize, to put up a stamp mill of large size. The group is called the Anaconda group and embraces four ledge claims, aggregating 216 acres.

J. J. Durage, Duluth, Minn., has surveyed the water power of the Seine river, Ont., from Sturgeon Falls to McManus Falls, a distance of eight miles. There is a total fall in this distance of nearly 100 feet, of which 74 feet are in eight falls. It is feasible to construct power plants for the generation of nearly 3,000 h.p. Power might be furnished for the operation of the Alice A., Gold Bug, Emma Abbot and a number of other mines near by.

The iron mine at Ironsides, Que., on the Gatineau River, four miles from the centre of Ottawa city, and known as the Haycock mine, has been sold to J. O. Hibbert, until lately of the New York and Ottawa railway. The mine has an area of 300 acres, and the ore is of the best hematite. It was operated twenty-five years ago when smelting on a small scale was carried on, and extensive shipments were made, but the price having fallen operations were suspended.

The uncovering of a solid mountain of native ferro-nickel manganese at Durango iron mountain, Mexico, has created great excitement throughout the Republic, according to the statement of Harvey Kline. Tradition has it that this enormous mass of native metal is an aerolite that fell from the sky centuries ago. It is more than 300 feet high, half a mile wide and more than a mile in length, and is estimated to contain more than 500,000,000 tons above ground. It is worth \$485 a ton. A rolling mill with two large blast furnaces is now nearly completed to work on this mass of native metal, and already five cars of ferro-nickel manganese have been shipped daily from Durango to the United States and Europe.

The announcement has been made that the Dominion Coal Company has made voluntary provision for sufferers through the late disaster at Caledonia as follows: For each widow a month's pay for the first year, and after that during her life, or while she remains a widow, \$12 a month. Two dollars a month for children until they are each 13 years, and after that \$4 a month for the boys until they attain 14 years, and \$4 a month for the girls until they attain 16 years. In cases of single men who were supporting aged or infirm parents the latter are to receive \$8 per month during life. Parents who were partially dependent upon their son for support will receive \$4 each per month. The payments are to date from July 1 last and continue as above.

The statement of laboratory work done at the Ontario Government Assay Office, located at Belleville, which is conducted by the Bureau of Mines as an aid to the discovery and the development of the mineral resources of Ontario, shows that 277 determinations or assays were made during the month of August. These consisted of 232 gold assays, 14 for gold and silver, 19 for copper, 7 for nickel and 2 iron ores for partial analysis. Of these 168 determinations were done for the Bureau of Mines on which no fees were collected, while 109 were for the public on which fees aggregating \$130.65 were collected. As the fees are about one-half the regular rates this statement shows that the prospectors and mining men engaged in development of properties are now aware of the advantages which the office affords. The office also reported on 30 samples sent in for identification, which consists of a description of the samples with the probable metallic contents and commercial value. The samples came from all parts of the province, the gold ores from the Seine River and North Hastings districts, while the copper and nickel ores were sent from the Sudbury and Parry Sound districts.

Dr. A. P. Coleman describes a specimen of hematite iron ore, which was taken from a deposit on the claim of E. V. Clergue of Sault Ste. Marie, which is about ten miles north of Michipicoten Post. It contains 60 per cent. of iron. The deposit, according to Dr. Coleman, has an area of 350 feet by 450 feet, although late exploration shows the length to be not less than 550 feet. The deposit rises to a height of 90 feet above the level of Lake Boya, into the waters of which it dips. So far as can be seen, Dr. Coleman says, most of the deposit is high grade ore. It possesses all the characteristics of hard brown hematite, many of the specimens obtained in it showing botryoid forms, and a variety of beautiful colors. While the percentage of iron is high, there are only traces of sulphur and phosphorus. If the hill in which it appears is solid ore, which is almost certain, the quantity in sight above the ground line would be about 1,680,000 short tons, and if it goes to any distance below the ground line the quantity would be much more. The ore in sight alone, however, should produce 1,000,000 tons of pig iron, worth, at the present United States price, \$15,000,000. Dr. Coleman says none of the adjoining locations have any important ore bodies in sight, but the same formation runs through them as in the Clergue mine, to a greater or lesser extent. Mr. Healy, of Duluth, who recently acquired these properties adjoining the Clergue mine, thinks the prospects are very good. To give an idea of the importance of the Clergue mine, it is sufficient to say that a blast furnace capable of smelting 200 tons per day, and working 300 days in the year, would occupy 28 years in smelting the ore in sight. As far as Director Blue of the Bureau of Mines is aware, it is the only important deposit of hard brown hematite in the country, and it very closely resembles the rich hematite ores supplied by Malta and Cuba. The deposit is so situated that the ore can be mined very cheaply—in fact it can be mined as an open quarry, and very easily and cheaply handled. The distance from the mine to the water's edge at Michipicoten harbor is only twelve miles, and docks are to be constructed at the latter point, where it can be put on board and delivered to the furnaces at Midland, Hamilton or Deseronto. A railway is now in course of construction from Michipicoten harbor to the mines, which is expected to be completed in time to ship out a quantity of ore this season. A quantity of ore will be sent to the new blast furnace at Midland, and Mr. Clergue is preparing plans for a new blast furnace at Sault Ste. Marie.

## Personal

T. H. Wiggins, C.E., has tendered his resignation as town engineer of Cornwall, Ont.

H. Townsend, contractor for the Coast Railway construction, died of cancer at his home in New Glasgow, N.S., Sept. 8.

P. S. Gibson, Willowdale, engineer for York township, has been appointed to a similar position by King township council, York county, Ont.

Mrs. Margaret Gartshore, widow of the late John Gartshore, the pioneer manufacturer of Dundas, Ont., died at her residence in Hamilton, Ont., Sept. 2nd. Mrs. Gartshore was 90 years of age.