

McCormack Bros., of New York, have purchased the McLeod-Glendenning Mine at \$600,000.

Gold has been discovered at Lardes Lake, 25 miles north of New Liskeard, near the provincial boundary. The discovery is said to be of considerable promise.

It is stated that an agreement has been entered into by the Ontario Government and the holders of the O'Brien Mine property at Cobalt, by which 25% royalty will be paid to the Government, in return for the title of the property.

It is reported that two valuable discoveries of minerals have been made within a hundred miles of Montreal. One is extensive finds of uranium and pitch-blende, the mineral from which radium has been extracted, and the other a large deposit of graphite some three miles from the railway.

Anthony Blum, principal owner of the Laurentian Mine, stated recently that a cash offer of \$2,000,000 has been refused for the property. Mr. Blum would not take \$5,000,000 for the controlling interest, and says he would not be surprised at a \$25,000,000 gold production in the future.

Natural gas has been discovered in large quantities near Merlin, Ontario; after drilling into the gas rock for only two or three feet, the gas pressure tested between 1,000,000 and 1,100,000 cubic feet per day. Drilling had to be suspended in order that the boiler could be moved further from the gas.

According to F. C. Denis, of the Geological Survey, there are incalculable quantities of coal in Western Canada yet undeveloped. He says that if the development of the coal industry is to be taken as indicative of the prosperity and development of that region, then the progress being made is almost unprecedented.

The first car-load of silver ore that has been shipped from Port Arthur in several years, was shipped on November 1st. The ore was taken out of the West End Silver Mountain, and will be shipped to the Omaha smelters where it will be treated. This is the first of many shipments that will be made from the famous mine.

The Beaver people made a valuable discovery on their property, but, it is stated, omitted to comply with practically all the requirements of the Mining Act as to "staking." F. E. Macdonald made a subsequent discovery, and fully complied with the "staking" requirements. He has entered an action to set aside the application of the Beaver Company.

The J. B. No. 2 property has been bought by B. B. Harlan, of Toronto, for a little over \$250,000. The mine will be placed on the market under the name of "The Little Nipissing Cobalt Silver Mines, Limited." About \$55,000 worth of shares have already been disposed of, and \$100,000 is the amount which will be issued at first. The capital stock is \$650,000 in shares of \$1 each.

The Montreal Reduction and Smelting Company's smelter at Cobalt is moving along rapidly towards completion, and already considerable ore has been offered for treatment. J. H. Brown, chief engineer of the company, who has had an extended experience in mining and smelting, says that the Cobalt District is one of the richest mining countries he has seen, and that half of its value is not known yet.

C. E. Smith, of Brockville, who is prospecting on Calumet Island, has found such promising traces of zinc, lead and copper that he entertains little doubt that productive mines will be discovered before spring, the mineral area is 700 acres in extent, and if the ore is found in any considerable quantities Mr. Smith says he will erect a mill of 200 tons daily capacity on the island. In the event of his doing so, about 500 men will be required for the concentrating process.

The Commission appointed to look into the zinc industry, whose report was published recently, has established the fact that zinc could be produced in British Columbia in considerable quantities. It is estimated that over 12,000 tons, or four times the amount annually consumed by the Dominion could be obtained in the districts of Ainsworth and Slocan. By employing perfected methods, we would be able to furnish all the zinc required by Canada. The cost of extraction from the ore is estimated at \$2.50 per ton.

The output of the metaliferous mines, and works of Ontario, for the nine months ending September 30th, according to returns made to the Bureau of Mines, are as follows:—

	Quantity.	Value.
Gold, ounces	2,015	\$34,377
Silver, ounces	2,542,827	1,609,554
Cobalt, tons	138	110,400
Nickel, tons	8,037	2,856,233
Copper, tons	3,900	600,000
Iron ore, tons	93,159	117,166
Pig-iron, tons	208,094	3,191,200
Steel, tons	123,257	3,059,070
Zinc, tons	691	13,830

These figures indicating the production for 1906, will be much larger than any previous year, showing a considerable increase for those of the same period in 1905. The silver, cobalt, and arsenic given in the above table are all the product of the Cobalt silver field. The nickel entirely and nearly all the copper are from the Sudbury district, and the iron ore is the product of the Helen Mine at Michipicoten.

PERSONAL

An important appointment has been made to the staff of Manitoba Agricultural College in the person of A. R. Greig, B.A.Sc., who will occupy the position of chief engineer and lecturer in mechanics.

John H. Fell, son of the late John B. Fell, C.E., of Mont Cenis' Tunnel fame, and other noted engineering works, has gone north, on location surveys for the Bracebridge (Muskoka) and Traders Lake Railway. The clearing and rock-cuts for this new railway are to be at once commenced.

G. P. Cole is another McGill man who has returned to Canada after practical experience in the larger field of the United States, having been appointed by Allis-Chalmers-Bullock, Limited, of Montreal, to superintend the designing and construction of electrical transformers. He entered McGill University in 1897 taking, first, arts, and later electrical engineering, graduating B.Sc. in 1903. Last spring he obtained the higher degree of M.Sc. After leaving college he entered the employ of the Wagner Electric Manufacturing Co., St. Louis, where he became assistant chief engineer.

H. A. Burson has recently been appointed Chief Engineer of the Packard Electric Co., Limited, St. Catharines. The company is making extensive alterations in its works, not only with a view of increasing the output of the present lines of manufacture necessitated by the rapidly growing demand, but also to add other lines of apparatus which will in due course be offered to the trade. Mr. Burson graduated in Electrical Engineering at McGill in 1901, receiving the degree of B.Sc., and from 1901 to 1903, was demonstrator in the Department of Electrical Engineering under Prof. Owens, and received the degree of M.Sc. for original research work. In the spring of 1903 he went to the Bullock Electrical Mfg. Co., at Cincinnati, where he was associated with B. A. Behrend, Chief Engineer. In 1904 he was appointed Chief Electrical Engineer of the Allis-Chalmers-Bullock Co., Ltd., Montreal.

MUNICIPAL WORKS, ETC.

The Strathcona, Alta., Council have passed a by-law authorizing the issue of debentures for \$35,000 for an electric light plant.

The Guelph, Ont., Light and Power Committee have recommended the installation of an ammonia plant in connection with the gas works, at a cost of \$2,000.

Lindsay, Ont., water commission will submit a by-law to the ratepayers, providing for the issue of debentures to the amount of \$20,000, for a proper system of filtration in connection with the town water system.

The Prince Albert Board of Trade is initiating a movement, urging both the provincial and Federal Governments, to take action to prepare the Hudson Bay route for navigation.