

WM. KIRBY, Callendar, Ont., reports a find assaying \$18 per ton in gold at that place.

SOME exceedingly rich finds of free gold are reported from around Lytton, B.C.

THE boring for oil at Fredericksburg, Ont., has been abandoned at a depth of 550 feet.

THE Harvey Hill copper mine, Megantic county, Que., has been closed, owing to the new duty.

THE coal mines at Lethbridge, N.W.T., will produce 12,000 tons per month during the winter.

VERY rich finds of placer gold are reported from the north fork of the McMillan River, another tributary of the Yukon.

AT the Dalhousie gold mine, near Lanark, Ont., the shaft is now sunk to the depth of forty feet and gives good indications of gold.

J. M. DOUGLAS, M.P., for East Assiniboia, reports at Winnipeg the discovery of a seam of what is claimed to be anthracite coal, on the Qu'Appelle River, near Wapella.

Now that there is some question of the iron ore deposits of the Bilbao district of Spain giving out, or becoming leaner, it might be advisable for our ironmasters to investigate the iron ores of Newfoundland. According to Dr. Grenfell there are immense—even unlimited—quantities of hematite ores of excellent quality at Bell Island, magnetic iron and pyrites in many places, and chrome-iron ore in abundance at Port-a-Port. There are also deposits of nickel ores, asbestos, copper, coal, etc., in many parts of this our oldest and nearest colony. We ought not to let these minerals drift into the hands of American firms.—*The Ironmonger, London.*

REPORTS to THE CANADIAN ENGINEER from the Wabigoon district show that mining business is rather dull there at present. As investigation proceeds it becomes evident that there are some promising properties there, but a good deal of money needs to be spent before the extent of value of the claims can be determined. One difficulty is that a number of the claims are in the hands of men whose capital is too small to develop them, and another is that speculators are holding their claims at figures that are altogether too high, when it is considered that many of the properties will prove on development to be non-paying.

GREAT progress is being made at the Foley mine, Rat Portage, Ont. A contract has been let to the Canadian Rand Drill Company, Montreal, for what will be the largest mining plant in the Rat Portage district. The compressor has compound steam cylinders operated in conjunction with a condenser. Air is to be conducted all over the different workings, so that when completed, operations may be carried on all over the property by means of compressed air as a power. As these workings are scattered, the change will do away with the use of several small boilers and effect a very considerable saving in the fuel bill and the pay roll.

How little is done for the country by even a mine whose ore is highly refractory, is shown by the following picture of the advantages accruing to Rossland, B.C., from the Le Roi mine: "The \$50,000 paid as dividends every month to the stockholders of that mine do not reach Rossland, at least not much of it. It is paid in Spokane, mostly to Spokane people. All the miners are compelled to board at the company's boarding-house, and all the supplies for that boarding-house are purchased in Spokane. Many of the men have wives and families in the States, and the greater portion of their wages is sent to their families, so that Rossland derives very little benefit from its biggest mine."

DURING the past month the James Cooper Manufacturing Co., Limited, of Montreal, has supplied the following mining plants:—Canadian Goldfields Syndicate, Rossland, B.C., for Sunset Mine, a 7-drill Ingersoll-Sergeant compressor with full complement of Sergeant drills, boiler, hoisting and pumping plant; Ruth Mines, Sandon, B.C., a 5-drill Ingersoll-Sergeant compressor, necessary complement of Sergeant drills, boiler, and all accessories; G. Alexander, Kaslo, B.C., for Northern Bell and Jackson Mines, a 3-drill compressor, full complement of drills, etc.; Burley Gold Mining Co., Rat Portage, Ont., Ingersoll Sergeant compressor, Sergeant drills, double compartment shaft hoisting engine, etc.; Guffey-Jennings Mining Co., Cariboo, N.S., an Ingersoll-Sergeant five drill air compressor, drills, etc.

SPEAKING of the enormous electrical power in the neighborhood of Cornwall, Ont., a contemporary says: "With 1,000,000 horse-power at Massena and almost unlimited power on this river, furnished by the Cornwall Canal through the Sheik's Island reservoir, an international bridge and railways running north and south and east and west, on both sides of the river, this section of country offers unsurpassed advantages for manufacturing industries and general commerce."

Electric Glashes.

THE Royal Electric Co. is doing the lighting of the Montreal Post Office building.

THE long-distance telephone between Ottawa and Boston is now complete.

AT Vernon, B.C., a by-law to raise \$12,000 for an electric light plant has been carried by the ratepayers.

GEO. WILSON town clerk, Glencoe, Ont., calls for tenders for the electric street lighting of the town for a term of five years.

THE Electrical Supply Co., of Hamilton, Ont., Limited, has changed its name to Electrical Power and Manufacturing Co., of Hamilton, Limited.

R. C. C. TREMAINE and others, of Exeter, Ont., have been incorporated as the Exeter Electric Light and Power Co., Limited; capital, \$15,000.

THE street railway in Victoria, B.C., is being greatly improved. Government street is being double-tracked, and a large number of new motors brought into use.

A BOILER explosion occurred recently at the Chambers Electric Light Works, Truro, N.S. The fine new engine lately put in was seriously damaged. None of the employees were injured, though there were some narrow escapes.

WILLIAM BATHGATE, for 14 years manager of the Electric Light and Gas Company, Winnipeg, Man., has resigned, the company having been amalgamated with the Electric Street Railway Company. No successor will be appointed.

THE directors of the Halifax Street Railway have decided to issue an additional \$200,000 worth of stock. This will make the capital of the company \$800,000. The new stock will be issued to shareholders on record in the proportion of one share to every four held. A quarterly dividend of 1½ per cent. was paid Oct. 1st.

THE Bridgewater Power Co., Bridgewater, N.S., has lately been reconstructing and enlarging the electric light plant, and has replaced their three-wire system by an alternating current system, for which purpose they have purchased a 40 K. W. "S.K.C." two-phase generator from the Royal Electric Co., and 600-light capacity in transformers.

GEO. EASTERBROOK, who is about taking his departure for Delago Bay, South Africa, where he is erecting flouring mills and other industries for a wealthy syndicate of Canadians, is taking with him a complete electric lighting plant. The apparatus and material complete are being purchased from the Royal Electric Co. This, we believe, is the first instance where a Canadian electric lighting plant has been sold for service in the antipodes.

THE Kingsville Electric Light Co., a corporation recently organized in that town, has decided to light the town, stores and residences by electricity, displacing natural gas, and for this purpose has bought from the Royal Electric Co. an "S.K.C." 500 light two-phase generator, with the necessary transformers and material requisite to wire up 500 lights, which is the amount intended to start work with. The Kingsville Electric Light Co. has made a contract by which it will use natural gas for fuel. It is intended to furnish incandescent and arc lights, as well as motors.

THE Cockshutt Plow Co., of Brantford, have bought additional premises, and are doubling the capacity of their works. Among the important changes being made is the substitution of electricity for gas. They have placed their order for a 30 K. W. Generator and 250 lights installed, with the Royal Electric Co. The generator is to be of the "S.K.C." two-phase type, wound to deliver 110 volts direct to the mains. This system for isolated lighting is a radical departure from the old lines, and is the second instance in Canada where it has been placed in use for factory lighting.

THE Penman Manufacturing Co., Paris, Ont., which operates some of the largest mills in Canada, has made a number of improvements and additions to the mills in Paris lately, and among the improvements has decided to light their mills by electricity. The contract for a 500 light "S.K.C." machine and the wiring of the factories has been awarded to the Royal Electric Company, which purpose using for this its "S.K.C." two-phase alternating current apparatus: the dynamo wound to deliver to the mains current at a pressure that can be used directly in the lamps, from 100 to 115 volts. This is the first instance in Canada where alternating current is used for factory lighting. It has been held heretofore by electrical manufacturers that it was not practical to use alternating current for factory lighting. This plant will be a demonstration of the incorrectness or otherwise of the theory.