

The B. C. Goldfields Co., of Toronto, has recently placed an extensive order with the Jenckes Machine Co., for a ten-stamp battery complete with two vanners, two ore feeders, grizzly, Blake-Marsden crusher, and all the various apparatus making up a complete modern milling plant. The outfit is to be delivered at Nelson, B.C.

The British Columbia Copper Co., Anaconda, B.C., have just contracted with the James Cooper Mfg. Co., Limited, Montreal, for the installation of an Ingersoll-Sergeant ten-drill compressor plant, complete with ten drills, battery of boilers, Lidgerwood hoisting engines, pumps, heaters, and all necessary equipment to make the plant complete.

Dr. J. B. Porter, Professor of Mineralogy at McGill, is now in the mining regions of Nova Scotia, at the head of a large field prospector's class from McGill University. They will examine portions of Cape Breton, and the Guysborough gold fields, remaining in the east about six weeks. The class was sent out through the generosity of W. C. McDonald.

Dr. Gilpin, inspector of Nova Scotia mines, has sent to the Provincial Government a report on the result of his recent official trip to Whycomomagh Cape Breton. He says the gold discoveries are very valuable but does not go into minute details. Dr. Gilpin found very rich quartz and also free gold in sand taken from the bed of the Whycomomagh River.

The annual report of the B. C. Dept. of Mines has been presented to the Legislature. It shows that the total output of minerals, including coal, in 1897, was valued at \$10,455,268, an increase of 40 per cent. over the previous year's yield. The gold value was \$2,646,000; silver, \$3,272,000; lead, \$1,390,000.17; coal, \$2,648,562. West Kootenay produced to the value of \$6,765,000.

An oil well has been struck on the farm of Benjamin Boothroyd, about a mile from Thamesville, Ont. F. Carmen is the proprietor of the well. One night there were two hundred barrels pumped in twelve hours, and the average yield is still almost equal to that. There is another well on the adjoining farm, the property of John Herbert, which promises to be almost equal.

An Edmonton despatch says that letters to Rev. Father Husson and R. Hardisty confirm the report that "Cayuse" Graham has come across the mountains from the head waters of the Pelly River, and has struck pay dirt at ten to twenty dollars a day. Graham crossed the Upper Liard, west of the mountains, in November, and reached Fort St. John on February 1st, with horses and sleds.

A letter recently received by Bishop Pascal, of Prince Albert, from Rev. Father Ancel, stationed at Hay River Mission, in the North-West Territories, states that a party of prospectors have found rich gold deposits on both Hay and Buffalo rivers, emptying into Great Slave Lake. These rivers are located about 700 miles north of Prince Albert on the Regina and Prince Albert route to the Klondyke.

F. C. Flannery, secretary-treasurer of the Toronto Smelting Company, proposes erecting at Madoc, Ont., a plant to treat the mispickel ores of Hastings County: he recently showed samples of the arsenic produced at the company's small test-mill at Millbridge, Ont. The company has now a ten ton water jacket smelter, which is to be put up at Madoc, and started as soon as possible. The company will treat the mispickel ores for arsenic with gold and mineral wool as bi-products.

Free mining machinery to the value of \$128,780 was admitted into Canada during the fiscal year ended 30th June last, having been supplied by the following countries: Great Britain, \$9,266; Denmark, \$2,451; Germany, \$2,864, and the United States, \$114,239. Of this amount Ontario got \$30,308; Quebec, \$24,812; Nova Scotia, \$21,520; New Brunswick, \$452; Manitoba, \$695; British Columbia, \$44,087, and the Northwest Territories, \$5,897. In addition to these should be mentioned diamond drills purchased in the United States of a value of \$19,880. Among the dutiable articles we find 184 steam pumps, valued for duty at \$24,860.

**MOVING TIME! Subscribers are reminded to notify us of any change in address necessary Give both old and new addresses.**

**THE PUBLISHERS.**

## Marine News.

The contract for repairs to the steamer Rosedale was awarded the Caledonia Iron Works, Montreal. The repairs will amount to about \$28,000.

The Geological Survey of the United States has ordered a large number of canoes from the Peterboro Canoe Company for the use of exploring parties in Alaska.

The propeller Persia has been bought by W. A. Geddes, Toronto, and Jacques, Montreal, Capt. Crangle and J. H. G. Hagarty having sold to those gentlemen their interest.

Clinton B. Sears is considering the matter of raising the bones of the old steamer Winnipeg, of the Collingwood line, which lie in shallow water at the bottom of Duluth harbor.

The Canadian General Electric Co is equipping, with incandescent light, a steamer being built by the British Columbia Iron Works, for the Klondyke Exploration Co., Limited.

The Canadian Pacific Navigation Co. has purchased from the Canadian General Electric Co., a 125-light, incandescent plant for a steamer running from Vancouver to the Stikine River.

The British Columbia Iron Works Co. has ordered a 6-kilowatt incandescent dynamo from the Canadian General Electric Co., for a steamer which it is building for the Klondyke trade.

The Canadian Development Co., Victoria, B.C., of which H. Maitland Kersey is Managing Director, has ordered three incandescent light equipments, for new steamers, from the Canadian General Electric Co.

The Hudson Bay Company has placed a contract with the Canadian General Electric Co. for two 100-light incandescent equipments, to go on their new steamers, running from Vancouver and Victoria to the Stikine River.

Messrs. Cameron, Collingwood and Burton, of Barrie, have arranged to place the City of Collingwood and the Majestic on the route between Collingwood, Owen Sound, Sault Ste. Marie, Port Arthur, Fort William and Duluth.

The Allan Line has given a contract for the construction of a ten thousand ton steamer, to be known as the "Sicilian" and a sister ship to be the "Tunisian." The length is five hundred feet, beam 60 feet, speed sixteen knots, capacity 1,050 passengers.

The directors of the Richelieu and Ontario Navigation Company have appointed a new official, to be known as inspector of stewards. H. Bonchard, who has been in the employment of the company for 17 years, has received the appointment, with headquarters at Montreal.

J. A. Mara, late member of parliament for Yale and Kootenay, is building a river steamer at Vancouver for the Yukon traffic. She is said to be the largest boat that will be employed on the rivers up North, being 520 feet long, 32 feet beam, 5½ feet depth of hold, and will cost in the neighborhood of \$25,000.

The Canadian General Electric Co. has a contract for supplying three direct-connected units for the C.P.R. steamers which are to go on the Stikine route. These units will consist of a 4-kilowatt, 70-light incandescent dynamo, direct-connected to a vertical high-speed engine, running at 606 revolutions per minute.

W. Bell Dawson, engineer in charge of Tidal Survey, has this year issued, in neat pamphlet form, Tide Tables for Charlottetown, Pictou and St. Paul Island, C.B., for 1898, with Tidal Differences for Northumberland Strait, and for the open Gulf shore, from Miramichi along the north coast of Prince Edward Island.

The Canadian General Electric Co. is installing a Direct Connected Lighting unit on board the C.P.R. steamship Athabasca, consisting of a 500-light incandescent dynamo, direct connected to a 50 h.p. high speed "Ideal" engine. This unit, which is very compact, occupies a floor space of less than 6 ft. x 9 ft. The dynamo is of the latest steel frame multipolar type, with ventilated armature. A marble switchboard, on which are mounted a standard equipment of instruments, is also part of the new equipment, which when finished will be the most complete on any of the steamers now running on the upper lakes.