

ing been exhausted within a paying distance from the furnace, it was dismantled.

*Baie St. Paul Iron-Works.*—Two blast-furnaces, extensive buildings, and a railway from the works to the river, were completed in 1873 by the Canadian Titanic Iron Company, near Baie St. Paul, on the north shore of the St. Lawrence, about sixty miles below Quebec, for the purpose of smelting the titaniferous iron-ore of that region.\* The furnaces were only in operation a short time, the cost of production being too great. The place was never worked again, and was dismantled in 1880.

*Grantham Iron-Works.*—Messrs. John McDougall & Co., of Montreal, in 1880 and 1881, built two blast-furnaces at Drummondville, on the River St. Francis, in the Township of Grantham, County of Drummond. They are still in active operation, and are known as the Grantham iron-works. The resident manager, Mr. Robert McDougall, has kindly furnished the following particulars: "The blast-furnaces are each thirty-four feet high, with boshes of eight and ten feet respectively. They are worked with hot and cold blast, and the air-pumps are driven by water-power from the River St. Francis. The fuel used is charcoal, and the bog-ore, which contains about 40 to 45 per cent. of iron, is obtained about three miles from the works. The annual capacity is 4000 tons, and the product charcoal pig-iron for car-wheel purposes."

A siding from the Southeastern Railway runs directly into the works, and the iron is made into car-wheels at the foundry in Montreal.

*Moisie Iron-Works.*—The Moisie Iron Company was originated in 1867 to work the iron-sands on the north shore of the Gulf of St. Lawrence.

Dr. Sterry Hunt, in his "Notes on Iron and Iron Ores," in the Geological Survey Report of 1866-69, says:

"The great deposits of black iron-sand on the beach near the mouth of the Moisie river having attracted attention, various attempts to reduce it were made. In January, 1867, Mr. W. M. Molson of Montreal, had the ore successfully treated by the bloomary process, in northern New York, and the result proving satisfactory, several bloomary furnaces were, in 1867, erected by him at Moisie, and have since been in successful operation."

A forge and rolling-mill were subsequently erected in Montreal

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\* *Can. Geol. Survey*, 1873-4