

Mining Operations.

IRON

There is nothing new to report in the manufacture of charcoal pig iron which was continued with the same results by the three blast furnaces of the Canada Iron Furnace Co., Ltd. at Radnor and John McDougall & Co. at Drummondville. These two companies mostly use bog ore. The following quantities in tons of 2000 lbs show the year's operations:

Ore charged	22,681 tons	worth \$80,231.00
Limestone charged	4,300 "	" 2,098.00
Charcoal	1,151,149 bushels	" 90,765.00

(The usual weight of the bushel being taken to be 20 lbs.)

Pig iron produced 8,970 long tons, corresponding to 10,047 tons of 2000 lbs.

Except in the case of the bog ore deposits, no important work was done on any of the other iron mines of the province.

HEMATITE IN DUNHAM (County of Missisquoi.)

I examined the iron deposits in this township and especially a strip of ferruginous dolomite which traverses it in a N. E. direction. The outcroppings of this rock, which follows the stratification of the chloritic schists of the region, show several parallel strips of variable thickness, but it can be stated that this formation runs for a distance of about eight miles and is encountered over transverse distances ranging from $\frac{1}{4}$ to even $\frac{1}{2}$ mile. This dolomite possesses a certain analogy to the ankerite of Londonderry (Nova Scotia) and a similar rock is found in the township of Chester, P. Q.

It is sometimes strongly mineralized and presents masses of hematite irregularly distributed and occasionally taking the form of veins that range all the way to a couple of feet in thickness. This ore is of remarkable quality and I append the analysis of a good specimen by Mr. M. L. Hersey from lot I, 5 of Dunham.