

Mining in the Dominion.

ONTARIO AND QUEBEC.

GOLD.

The Chaudière gold fields still remain idle, pending explorations and preparatory work on the part of the English Company, the "South Aurora Mining Company," which has acquired the control of them. This company has set apart a sum of £12,000 stig. for exploration, which, if successful, will at once be followed by operations on a larger scale, for which machinery is already being imported.

SILVER.

We have no returns from Silver Islet. The mine, however, increases in productivity, the quantity raised in August and September, 1874, being greater than in any two previous months.

COPPER.

The Bruce and Associated mines (West Canada Mining Company) raised in 1873, 940 tons of ore, worth in England £13,395 stig. The Harvey Hill Mine has produced nothing during the past year, the time having been spent in working unproductive ground. The Huntington Copper and Sulphur Company have done the following work at their mines at Dinontion, P. Q.:

Engine shaft on east vein sunk 66 fathoms. Shaft on west vein sunk 42 fathoms. Extent of levels on east vein, 284 fathoms. Extent of levels on west vein, 131 fathoms. Total drivages throughout the mine, 503 fathoms. The total ground excavated or stoped during the past year was 395 cubic fathoms, and the quantity of ore obtained was 52 1/2 tons, estimated to yield 5 per cent. of copper, and to be worth \$93,250. There are 50 kilns for burning out the sulphur, five furnaces for calcining, and the necessary machinery and plant complete for putting monthly about 5 1/2 tons of ore through the process. At the beginning of next year there will be means of treating nearly double that quantity of ore, additional furnaces being now in course of construction, and extension of plant being made. About 100 hands receive constant employment.

LEAD.

The Black Bay or Enterprise Mine, near Black Bay on Lake Superior, was partially developed by a Boston company in 1873, who took out about 30 tons of ore, valued at Swansons from £0 to £13 stig per ton. A shaft has been put down fifty feet, the vein increasing in size, and having a strong show of silver and silver bearing quartz, similar to that of Silver Islet. A tramway has been built from the mine to the shore of Black Bay, 1/2 miles, and a good dock constructed at the terminus. About 40 tons of picked ore have been taken out, and twenty barrels sent to the smelting works at Wyandotte. It is intended to erect smelting works near the mine.

IRON.

The Marmora Mines have supplied about 25,000 tons of ore during the past

season, worth at the mine, \$3.00 per ton. The ore goes to the American market. Steam drills are used, and steam power for elevating the ore from the mines. Improved machinery is in course of construction.

The Ottawa Iron and Steel Manufacturing Company is formed for the purpose of working the "Haycock Iron Location," situated about eight miles from Ottawa in the townships of Hull and Templeton. The ore is practically unlimited in quantity, the amount to be won at a depth of 200 feet, being estimated at 6,300,000 tons, and has the remarkable quality of making steel at the first run from which tools have been made, taking a good cutting edge. A tramway of six and a quarter miles connects the mine with the furnace site. All the necessary buildings, dwellings, &c., are already erected. Though the ore might be shipped at remunerative prices to the United States, it is intended to smelt it on the ground, and also to establish works in connection with the mine for the manufacture of the various products of iron and steel. From the many favorable facts distinguishing the enterprise, the company may reasonably expect very large profits.

No returns have been received of last year's work at the Baldwin Mines. It is intended to erect furnaces for smelting with anthracite, which will produce pig iron at a cost of twenty dollars per ton.

PETROLEUM.

The petroleum industry shows a steady increase year by year, the exports for the last three years having been:

187	—5,753,674 gallons—value,	\$1,052,878
187	—7,890,654 " "	1,341,099
1873	—9,355,335 " "	1,819,183

PLUMBAGO.

Arrangements are almost completed for the transfer of the Buckingham Plumbago Mines to an English company. Work will be resumed during the coming winter.

NEW BRUNSWICK.

We have been unable to obtain details of the mining operations of New Brunswick. The exports for the year ended the 30th June, 1873, were:

Coal.....6,913 tons—value.....	\$57,307
Iron ores. 35 " " " " " " " "	10
Antimony 3 " " " " " " " "	144
Manganese 838 " " " " " " " "	17,171
Stone..... " " " " " " " "	146,976
Other..... " " " " " " " "	195

Total.....\$201,943

BRITISH COLUMBIA.

The details promised from British Columbia have not arrived in time for publication. The exports for the year ended 30th June, 1873, were:

Gold in dust and ingot.....	\$1,035,254
Silver ores.....	3,320
C. al.—tons, 53,786.....	180,463
Stone.....	4,825

Total.....\$1,224,362