

length of eighty-five fathom, and it is calculated that within the area now under stoping in both bands there are 131,025 tons of ore, carrying 5,241 tons of metallic copper.

The underground work of the Ives Mine consists chiefly of two shafts of fifteen and twenty-five fathom, united by a level in the run of the eight feet bed of ore. Transverse drifts are also carried through the same bed, intersecting the six foot bed. The surface works comprise all that is necessary for working the mine and for the accomodation of miners.

According to the corrected estimates, the profits of both mines at the present price of copper will be £230,323 a year, or 77 per cent. The sum required for the contemplated development of both mines will not exceed £30,000.

The Huntington and Capel Mines have also passed into the hands of English capitalists. The former mine will yield about 2,000 tons of ore per month, and works are to be erected for reducing it by a new process whereby sulphuric acid, alkalies, and bleaching powder will be obtained from the ore.

Iron.—The Cobourg, Peterborough & Marmora Railway and Mining Company are working the Marmora Mine, and raised about about 20,000 tons during the past twelve months, which rate of product will be doubled in future. The company employ 200 men. Capital \$600,000.

The Forsyth Iron Mining Company are working the Hull mine, shipping on at the rate of 80 tons per day, value about \$840.

The Chaffey Mine on the Rideau Canal, and the Howe Mine in Bedford, are also doing well, but no particulars of their operations have come to hand.

The increased prices of copper and iron will no longer allow the vast deposits of Canada to remain idle. While many of the European mines are giving out, the work done on those of Canada has been barely sufficient to prove their great extent. Canada may therefore expect her full share in supplying the ever increasing demands of civilization for these metals.

Lead.—No information has reached us of

the work done at the Frontenac Mine during the past year. The proprietors are however in treaty with parties in England with a view to more extensive working in future.

Petroleum.—The petroleum trade is now perhaps the largest in Canada, employing capital to the extent of at least \$10,000,000. Three or four hundred new wells are now in course of sinking. Business in 1871 was as follows:—

Manufactured.....11,689,761 gallons.
Exported..... 5,531,780 “
Home consumption 5,557,981 “

Plumbago.—The Canada Graphite Company are in treaty for the sale of their valuable mines in Buckingham. Thirteen veins are worked, generally bearing pure plumbago of the finest kind.

NOVA SCOTIA.

The following statements are from the Report for 1871, of the Hon. William Garvie, Chief Commissioner of Mines and Works:

GOLD.

“The gold mines have been worked steadily, and in many cases profitably. The returns, indeed, shew a small decrease in the yearly standard of production; but they are quite as good as could be expected, taking into consideration the scarcity of men and the consequent high price of labour. There has, perhaps, been no year since the commencement of gold mining in this Province during which the business has been of a more legitimate character than it was in 1871; there has been no unhealthy speculation, and the losses generally have been small, whilst in some cases the profits have been large. I still have to regret the absence of improvement in the appliances for amalgamating and saving gold. It is also a matter of regret that there are a number of mines, which have been proved capable of being worked at a profit, that have been allowed from one cause or another to remain idle. In one or two instances efforts are in progress to remedy this inaction, but to what extent it would now be premature to judge.”

STATISTICS of Product, &c, Gold Mines, 1871.

Stations.	Average men employed.	Crushing Mills employed Dec. 31st, 1871.	Steam Power.	Water Power.	Quartz, etc., Crushed.	Yield per ton.	Gold from Alluvial Mines.	Total yield of Gold.	Maximum yield per Ton.	Average yield per month for twelve months at \$18.50 N.S. c. per ounce.
Stormont.....	18	3	2	1	1937	.. 05 18	.....	559 17 21	4 09 19	575 45
Wine Harbour.....	36	5	4	1	2927	.. 10 04	.....	1588 06 16	5 17 2	790 52
Sherbrooke.....	171	12	9	3	14382	.. 09 03	.....	6579 19 07	7 17 08	711 87
Tangier.....	88	4	3	1	2924	.. 14 07	.....	2093 00 07	2 10 ..	440 ..
Montagu.....	51	2	2	..	848	3 14 08	.....	3152 08 15	24 04 11	1143 52
Waverly.....	56	4	3	1	2772	.. 10 06	.....	1127 18 12	.. 18 21	471 71
Oldham.....	43	3	1	2	1374	1 04 04	.....	2718 12 12	23 10 22	739 42
Renfrew.....	36	5	2	3	2463	.. 06 04	.....	1179 17 16	2 15 14	606 32
Uniacke.....	14	4	3	1	900	.. 08 ..	.....	260 17 03	2 11 06	476 83
Caribou.....	10	2	1	1	479	1 01 01	2 10 00	504 15 23	3 01 15	933 88
Unproclaimed and other Districts.....	9	9	6	4	281	.. 08 ..	9 02 07	112 02 16	1 01 ..	236 49
Total, 1871.....	532	53	35	18	31387	.. 12 09	11 12 07	19227 07 04	24 04 11	668 96
“ 1870.....	555	53	35	18	30502	.. 13 ..	176 13 15	19866 05 06	71 02 00	660 40