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## MINERAL PRODUCTION OF CANADA--1912

The annual report of Mr. John McLeish, Chief of the Division of Mineral Resources and Statistics, containing revised figures for the year 1912, has been published by the Mines Branch, Ottawa.

Mr. McLeish's report shows that the output has increased greatly over that of previous years. For 1912 the total value was \$31,827,302, or 30.8 per cent. greater than that of 1911, amounting to \$135,048,296. The value per capita has increased from \$2.23 in 1886 to \$18.27 in 1912.

Noteworthy features of the year, which was by far the most successful year in the history of the mineral industry in Canada, were the extensive development of ore reserves, particularly Sudbury nickel copper ores, Porcupine gold ores, and British Columbia copper and lead ores, extension of ore smelting and refining facilities, improvements in methods of treatment of the ores and good prices received for the metals.

The production of metalliferous products in 1912 was valued at \$61,172,753, being 45.3 per cent. of the total mineral output. The value of non-metalliferous products was \$45,080,674.

The Mines Branch has endeavoured to obtain from every mine operator in Canada an annual report with respect to the number of men employed and wages paid, the total tonnage of ores mined, the tonnage concentrated and the quantities of concentrates produced, the tonnage of ore or concentrates shipped, and the net value thereof, the quantities of metals as determined by settlement assays contained in the ores shipped, and the quantities of metals for which payment was made by the purchaser's smelter or recovered by the operator's smelter. This has been successfully done, and with the exception of two products, placer gold and petroleum, Mr. McLeish's report contains this very interesting information with respect to each of the products.

The total number of men employed in 1912 in metalliferous mines was 10,612. Wages paid amounted to \$10,113,578. There was mined 4,194,517 tons of ore. Total net value of shipments from metalliferous mines was \$46,018,233; in non-metalliferous mines, exclusive of stone quarries and clay pits, there were employed in 1912 an average of 33,954 men, earning in wages \$23,877,781. The tonnage mined, chiefly coal, was 17,165,628, having a net value of \$45,080,674.

The report contains also a statement of the production of the several smelting and refining companies operating in Canada, and is an admirable summary of the progress of the mineral industry for the year 1912.