

Information Regarding Ontario's Minerals

from official published statement of the

PROVINCE OF ONTARIO

Department of Mines

MINERAL AREAS

ONTARIO, with its 407,262 square miles, contains many millions of acres in which the geological formations are favorable for the occurrence of minerals, 70 per cent. of the area being underlain by rocks of pre-Cambrian age. The phenomenally rich silver veins of Cobalt, Gowganda and South Lorrain occur in these rocks: so also do the far-famed nickel-copper deposits of Sudbury, the gold of Porcupine and Kirkland Lake, and the iron ore of Magpie and Moose Mountain mines.

ECONOMIC MINERALS

In addition to the above, practically all economic minerals (coal and tin excepted) are found in Ontario:—actinolite, apatite, arsenic, asbestos, cobalt, corundum, feldspar, fluor spar, graphite, gypsum, iron pyrites, lead, mica, molybdenite, natural gas, palladium, petroleum, platinum, quartz, salt, talc and zinc. This Province has the largest deposits on the continent of talc, feldspar, mica and graphite.

Building materials, such as ornamental marble, limestone, sandstone, granite, trap, sand and gravel, lime, Portland cement, brick and tile, meet every demand.

MINERAL PRODUCTS

Preliminary returns show the output of the mines and metallurgical works of the Province for the year 1925 to be worth \$85,792,636, of which the metallic production was \$62,740,622.

The following figures show the growth of Ontario's mineral industry by five-year periods since 1891, when a Bureau of Mines was first established.

Year	Value	Year	Value
1891.....	\$ 4,705,672	1918 (Max. war out-put).....	\$80,308,972
1896.....	5,235,003	1921.....	54,564,209
1901.....	11,831,086	1922.....	68,466,454
1906.....	22,388,383	1923.....	71,997,343
1911.....	14,976,797	1924.....	77,221,927
1916.....	65,303,822	1925.....	85,792,636

HON. CHARLES McCREA, Minister.

DIVIDENDS

Dividends and bonuses paid to the end of 1925 amounted to \$48,338,004 for gold mining companies, and \$91,951,725 for silver mining companies, or a total of \$140,289,729.

MINING REGULATIONS

A miner's license costs \$5.00 per annum, and entitles the holder to stake out in any or every mining division three claims of 40 acres each. After performing 200 days' assessment work on a claim, patent may be obtained from the Crown on payment of \$2.50 or \$3.00 per acre, depending on location in unsurveyed or surveyed territory.

ASSAY OFFICE

The Provincial Assays Office at No. 5 Queen's Park, Toronto, is maintained by the Department of Mines for the free identification of minerals, free assays under the provisions of the Mining Act of Ontario, and also for general assay work, as per the Schedule of Charges which may be obtained on application.

TEMISKAMING TESTING LABORATORIES

The Department maintains, at Cobalt, an ore sampling and testing laboratory which is now prepared to receive parcels of gold ore from 100 pounds upward, and after sampling and assaying the same to pay to the shipper the value thereof, less treatment charges. The purpose is to afford a market for ores extracted by prospectors and others in developing their mining claims, enabling them to obtain funds which they can use for further work and to report on the most satisfactory method of treatment. Fuller information may be obtained on application to the Manager, Temiskaming Testing Laboratories, Cobalt, Ontario.

PUBLICATIONS

For list of publications, illustrated reports, geological maps and mining laws, apply to

THOS. W. GIBSON.

Deputy Minister of Mines,
TORONTO, CANADA.