

large quantities from the Lacey Mine, near Sydenham, and from near Perth. The return for output 1911, chiefly of amber variety, was 322 tons rough cobbled mica, worth \$43,058. Canadian mica has a good reputation for flexibility, freedom from stains, etc. Export trade chiefly with U.S. and Great Britain. In Europe, Indian mica is a strong competitor.

MINERAL PRODUCTION. The annual Mineral Production of the Province of Ontario, for past ten years as published by the Bureau of Mines, Ontario, is as follows:

1902.....	\$13,391,634	1907.....	\$25,019,373
1903.....	12,870,593	1908.....	25,637,617
1904.....	11,572,647	1909.....	32,981,375
1905.....	17,854,296	1910.....	39,313,895
1906.....	22,388,383	1911.....	41,976,797

NATURAL GAS. In Haldimand Co. the Dominion Natural Gas Co. and Producers Gas Co. pipe gas from a large number of wells to Hamilton, Dundas, Brantford, Galt, Paris, and a number of other places. Welland County continues to produce much gas; the Provincial Natural Gas Co., and the Mutual Natural Gas Co., are the chief operators, supplying Welland and several towns and villages; the former also piping to Buffalo. In Kent county the Leamington Oil Co., The Volcanic Oil and Gas Co., and other concerns, supply gas to Leamington, Chatham and other places, from the Tilbury, Windsor, Walkerville and Romney fields. The output in 1911 was valued at \$2,186,762.

NICKEL. Sixty per cent. of the world's output comes from the Sudbury district. Here ore is mined and treated by the Canadian Copper Co. and the Mond Nickel Co. It is first roasted in open air heaps to expel sulphur, then smelted into matte of nickel and copper, which is shipped for final separation of the metals, by the Canadian Copper Co. to Constable Hook, N.S., and by the Mond Nickel Co. to Clydach, Wales. Returns of the industry for 1911 show ore raised, 612,511 tons; ore smelted, 610,788 tons; Bessemer matte produced, 32,607; nickel contents, 17,049 tons; value, \$3,664,474. Copper contents, 8,966 tons; value, \$1,281,118. Wages paid, \$1,830,526; men employed, 2,439.

PETROLEUM. The oil fields of Petrolia, Oil Springs and Tilbury East continue to produce, but at a diminishing rate. The demand for oil and oil products requires the importation of nearly as much crude as is produced in