

NATURAL GAS. In Haldimand Co., gas is piped 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, supplying Welland and several towns and villages. Kent County supplies gas to Leamington, Chatham and other places, from the Tilbury, Windsor, Walkerville and Romney fields. The output in 1913 was valued at \$2,460,337.

NICKEL. Seventy 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.J., and by the Mond Nickel Co. to Clydach, Wales. The Alexo Mine is being worked in Dundonald Township, on the T. & N.O. Ry. The ore is a pyrrhotite similar to that of the Sudbury region and is being treated by the Mond Nickel Company at Victoria Mines. Returns of the industry for 1913 show: Ore smelted, 823,403 tons; Bessemer matte produced, 47,150 tons; nickel contents, 24,838 tons; value, \$5,237,477. Copper contents, 12,941 tons; value, \$1,840,492. Write for Report on Nickel Fields of Sudbury, with Geological Maps, to Deputy Minister of Mines, Toronto.

PEAT FUEL. The Dominion Government for a time operated an experimental plant at Alfred, Prescott Co., which is now being worked by private parties. The Dorchester Peat Fuel Co. operate a plant near London. Write for Report on Utilization of Peat Fuel to Dept. Mines, Ottawa.

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 much more crude than is produced in the province. Returns for 1913 show crude oil produced, 7,915,761 imp. gals.; value, \$398,051.

PLATINUM AND PALLADIUM. These metals are found associated with the chalcopyrite in the nickel-copper ores of the Sudbury district. In refining matte from these mines there were recovered in U.S. works during the six years from 1907 to 1912, inclusive, 2,864 ounces of platinum and 4,896 ounces of palladium. The latter is a silvery-white metal of the platinum group, which finds its chief use in the manufacture of astronomical instruments, watch-making and dental work.