

FIRECLAY occurs at the Helen Mine in Michipicoten on the Missinable River near the Can. Nat. Ry., and on the Mattagami River near Long Rapid. There is no fireclay in the more settled districts.

COBALT. The mineral occurs abundantly in the silver ores of Coleman Township (see under Silver). The Deloro Mining and Reduction Co., Deloro, and the Coniagas Reduction Co., Thorold, and Metals Chemical, Ltd., of Welland manufacture cobalt oxide. In addition the first two produce metallie cobalt and the last cobalt sulphate and other compounds. The mines of the Cobalt district are now the chief source of the world's supply of cobalt.

COPPER. The principal source is the nickel copper mines (see under Nickel). The ore is smelted at Copper Cliff and Coniston. The sulphide deposits on the north shore of Lake Huron, which do not carry nickel are of great importance. Recent high prices have stimulated production. In 1917 shipments were made from Tip Top Mine west of Port Arthur, from Mine Centre in Rainy River District and from the Massey Mine on the north shore of Lake Huron.

CORUNDUM. Large deposits of corundum in Renfrew and Hastings Counties are worked by The Manufacturers' Corundum Company at Craigmont.

FELDSPAR. Quarries in Frontenac County are operated by Messrs. J. Richardson & Sons, Kingston, the Canada Feldspar Corp. and I. M. Stoness & Son. The product is shipped to New Jersey and Ohio factories, for making enamelled ware. Total output in 1917 was 17,614 tons, valued at \$78,562.

POTASH. A slag has been produced by Prof. Drury of Queen's University which promises a supply of potash for fertilizing purposes.

GOLD. Ontario is now the largest gold-producing province in Canada. In 1917 the output was 420,893 fine ounces, worth \$8,698,735. The Hollinger Mine is world-famous. Rich ore has been found at Kirkland Lake, where the Tough-Oakes, Teck-Hughes and Lake Shore mines have been opened with mills. Larder Lake, Swastika, Munro, Kowkash, Boston Creek, Goodfish Lake, and other camps in Northeastern Ontario are being prospected with fair promise of reward. Cairo and Powell Townships may prove very important gold producers. There is also gold on Lake-of-the-Woods, Seine River, Manitou Lake, Sturgeon Lake, Wabigoon Lake, and at many other points in the northwestern parts of the province. The output of the chief producing mines in 1917 was: