

QUARTZ. The Canadian Copper Co. and other mining concerns, in 1913, raised 54,320 tons, valued at \$130,860, principally for flux and converter linings.

SALT. The evaporating process is responsible for the total output of salt. The bulk comes from the wells of the Canadian Salt Company at Windsor. Other companies operate at Exeter, Goderich, Clinton, Wingham, Sarnia, Kincardine and Park Hill. The salt area extends through the counties of Middlesex, Huron, Bruce and Lambton. In 1913, output was 96,799 tons, worth \$474,372. At present no rock salt is mined. A boring was made at the mouth of the Maitland River, at Goderich, by the late H. Y. Attrill, of 1,517 feet, in which six beds were passed through, with a total depth of 112 feet. The following analysis was made of the second bed, 25 feet thick, at a depth of 1,085 feet, by Mr. Sterry Hunt, LL.D., F.R.S.: Chloride of sodium, 99.687; Chloride of calcium, .032; chloride of magnesium, .095; sulphate of lime, .090; insoluble in water, .077; moisture, .079. This is said to be the purest salt in the world. See Report of Sterry Hunt in Vol. V, Proceedings of American Institute of Mining Engineers.

SILVER. The discovery of high-grade silver ores in the Cobalt District was made in 1903. Ores carry up to 3,000 and 4,000 ozs. of silver to the ton of 2,000 lbs. Some of the consignments have gone much higher. Carload lots of 30 tons have brought \$60,000, \$90,000 and \$110,000. A typical analysis gives silver 11%, cobalt 11%, nickel 4%, arsenic 44%. Shipments of ore from the Cobalt camp were 158 tons, value \$136,217, in 1904; 2,144 tons, value \$1,473,196, in 1905; 5,335 tons, value \$3,764,113, in 1906; 14,788 tons, value \$6,301,095, in 1907; 25,624 tons, value \$9,284,869, in 1908; 30,740 tons, value \$12,464,722, in 1909; and 34,282 tons (including concentrates), value \$15,478,047, in 1910. The shipments in 1911 (including bullion) contained 31,507,880 ounces of silver; in 1912, 30,322,805 ounces, value \$17,455,080, and in 1913, 29,681,795 ounces, worth \$16,555,001. Valuable discoveries have been made on the Montreal River, at Miller and Gowganda Lakes, and south of Lorraine Township, where mines have been opened. Similar ores are also found on the north-west shore of Lake Superior. The intervening district offers many possibilities to prospectors. Write Deputy Minister of Mines, Toronto, for Report on Cobalt Silver District, with Geological Maps.

SODALITE. The Princess Quarries Co., near Bancroft, Hastings Co., quarry a stone of a beautiful blue color, highly esteemed for decorative work.