

IRON ORE.

Mining operations have been confined to the Helen and Magpie mines of the Algoma Steel Corporation in the Michipicoten district of Ontario, together with a small production of ilmenite at Ivry-on-the-Lake, Quebec, by the Manitou Iron Mining Company. There was also a shipment of concentrates from the concentrator at Trenton, Ont., produced in previous years from ores derived from the Bessemer and Childs mines in Hastings county.

The total shipments in 1916 were 275,176 short tons valued at \$715,107, as compared with 398,112 tons valued at \$774,427 shipped in 1915.

Of the total shipments in 1916, 134,568 tons were sent to blast furnaces in Canada and 140,608 tons to the United States. The year's shipments included 45,541 tons of hematite; 210,522 tons of roasted ore including both straight siderite and a blende of siderite and high sulphur hematite; 15,904 tons of magnetic concentrates, and 3,209 tons of ilmenite. The 1915 shipments included 205,989 tons of hematite, 132,906 tons of roasted siderite, and 59,217 tons of magnetite (including some ores with an admixture of hematite).

In Quebec the Manitou Iron Mining Company operated their ilmenite mine at Ivry-on-the-Lake, Terrebonne county, the ore being taken out under contract and shipped to Niagara Falls, N.Y.

In Ontario the Algoma Steel Corporation continued to operate the "Helen" and "Magpie" mines in the Michipicoten district. From the Helen mine there was shipped during the year 109,685 short tons of which 45,541 tons were shipped to the Sault furnaces and 64,424 tons of high sulphur ore to the Magpie roaster. This Helen high sulphur ore is mixed with Magpie raw ore and then roasted producing a very desirable Bessemer ore. The shipments from Magpie were 210,522 short tons of roasted ore, including 65,351 tons of the blended ore just mentioned. Of the total Magpie shipments 121,495 tons went to Lake Erie ports to fill contracts with United States furnace companies and the balance to the Company's furnaces at Sault Ste. Marie.

No shipments were made from the Moose Mountain mines at Sellwood, Ont., owned by Moose Mountain, Ltd., but experimental work was being carried on at the property with a view to securing a suitable agglomerating method for treating the concentrates. It was anticipated that shipments might be resumed in July of 1917.

The mines of the Canada Iron Mines, Ltd., "Bessemer" and "Childs" in Mayo township, and "Coe Hill" in Wollaston township, as well as the magnetic concentrating plant at Trenton, remained idle throughout 1916. The entire remaining stock of concentrates at Trenton (15,904 short tons) was shipped to Buffalo during the early part of the year.