

worked for many years. From 1839 to 1875, 142,000 tons of ore have been produced and shipped to the United States. A blast furnace, for the reduction of this ore, was erected in the Township of Marmora. Dr. Hunt gave an analysis as follows: mag. oxide of iron, 72.80 = 52.72 iron; magnesia, 6.46; lime, 0.35; carbonate of lime, 2.40; carbonate of magnesia, 0.84; phosphorus, 0.035; sulphur, 0.027; water, 3.50; insoluble, 14.73; capacity of furnace, about four tons.

THE SEYMOUR ORE BED.

Situated on lot 11, in range 5, of Madoc; the bed is from 25 to 30 feet thick. In 1837 a furnace was erected in Madoc Village to smelt this ore; capacity, about five tons; the product was a very fine iron. The Grand Junction Railway passed near the mine. Dr. Hunt gives the following analysis: per and pro. of iron, 89.22; metallic iron, 64.61; phosphorous, 0.012; sulphur, 0.073; insoluble matter, 10.42.

THE NEILSON MINE.

The west half of 19, in range 2, of Madoc. Containing a bed of about 25 feet.

THE COOKE MINE.

The west half of 16, in range 5, of Madoc; resembles the Seymour Mine.

THE MOORE MINE.

The east half of 17 in range 5 of Madoc is a continuation of the Cooke Mine.

THE FOLEY IRON MINE.

On the 9th and 10th lots, in range 8, of Bathurst, is an irregular deposit of two feet in thickness, has been traced fifty-six miles from Eagle Lake, in Hinchinbrooke, to Fitzroy on the Ottawa River.

THE GLENDOWER OR HOUSE MINE.

Situated on lot 4, in range 1, of Bedford, the thickness of bed is about eighty-five feet, containing 64.03 of iron, about 1,500 tons a month have been raised and shipped to Elmira, N.Y. A. Cleaveling, of Kingston, Superintendent.

MACHAR MINE.

Township of Bedford is a continuation of the Glendower bed; the ore is shipped.

THE SILVER LAKE MINES.

A magnetite of black colour, and bright lustre, worked by Mr. Oliver, of Perth, analysis of ore mag. ox. of iron 88.59 = 64.15 iron, titanio acid 1.75, residue 5.75.