

at a cost of about \$3.00 per ton concentrate at the mine. An approximate estimate from these ranges is 150,000,000 tons.

Magnetic ores containing only 30% iron to the extent of about 2,000,000 tons per annum are concentrated magnetically by the Witherbee-Sherman & Co., Inc., at Mineville, in the State of New York, U. S. A.

THE ATIKOKAN IRON RANGE—25,000,000 TONS

The Atikokan Iron Range is about 128 miles west of Port Arthur on the said Government Railway Line. The diamond drilling and other mining development have proven up about 25,000,000 tons of iron ore, which will average about 55% iron. It costs about 50 cents per ton to roast this ore.

Diamond drilling done some years ago proved up a valuable deposit of hematite ore near Steep Rock Lake, on the said line of railway.

NEPIGON AND LITTLE LONG LAKE RANGES VERY PROMISING FOR HEMATITE ORE

The Nepigon Iron Range is about 135 miles east of Port Arthur, and the Government Railway line runs along this range and the Little Long Lake Range for nearly 70 miles. Over five promising iron properties have been located and more or less developed on these ranges. A small amount of diamond drilling was done some years ago on the Nepigon Range before the railway facilities were secured, and this work proved that the ore went down over 400 feet.

A prominent engineering firm of international standing reported on one of these properties that the outcrops of iron ore were from 8 to 28 feet wide for a distance of about 1350 feet, and that the ore was all that could be desired.

All these ranges are tributary to the Canadian Northern Railway, and the City of Port Arthur is the logical point for a blast furnace and steel plant to utilize the iron ore from these extensive ranges.

The Moose Mountain Iron Mine, some 20 miles north of Sudbury, is said to have some 100,000,000 tons of magnetic iron ore proven up, which, when concentrated, carries 63% iron.

Iron mining capitalists of extensive and successful experience (such as the late Captain Sellwood, of Duluth, and John W. Gates) were interested in the development of this property, together with Messrs. Mackenzie & Mann, the former owners of the Canadian Northern Railway Company.

Messrs Mackenzie & Mann and British capitalists planned to erect a \$15,000,000 steel plant at the City of Port Arthur, with the object of utilizing the iron ore in the adjacent ranges, and supply the Western market with pig iron and steel products; and create additional remunerative traffic for their railway.