

THE MICHIPICOTEN IRON ORE BEDS

Mr. Arthur White, of the Grand Trunk Railway, returned to Toronto a few days ago from a visit to Michipicoten, Ont., where he had been for the purpose of inspecting the Hellen iron mine. He was conveyed to the mine by Mr. Clorgue and had as his fellow-traveller Hon. Charles E. Turner, Consul-General for the United States, who was taking the trip for the purpose of making a special report to the United States Government covering the industries of New Ontario, as now being promoted by Mr. Clorgue. When the party reached Michipicoten Harbor they found a bustling railway terminus, with large trestle works for the unloading of iron ore, extensive freight yards, locomotive and car sheds, stores, etc., and all the necessary appliances for conducting a heavy freight traffic.

Proceeding by special train to the Hellen mine, a distance of twelve miles, they viewed with astonishment a mountain of almost pure brown hematite ore, which after careful tests by diamond drills is estimated to contain over thirty million tons. The ore is being worked from the face of the mountain, the foot of which is almost on a level with the crusher now being placed in position for the purpose of crushing the ore. The ore is dropped down the face of the mountain with very small blasts, and gravitation does nearly the whole of the business after that through the crusher and down the railway to the trestle works at the harbor, the line being on a grade down of three in 100, with only one exception, where it crosses the Maggie River, when the up grade for a short distance is one in 100. The line is being equipped with 100-ton locomotives, and 50-ton capacity steel cars for the ore. Shipments when begun will be at the rate of 2,500 tons per day. Shipments of ore will be made to Midland,

Hamilton and Deseronto, possibly to Montreal, and largely to the United States.

After the company had got through with the testing of the Hellen Mountain mine water was required in connection with the ore crusher, and they commenced to run a lateral shaft into a mountain, but in place of getting water they were agreeably surprised to find a continuation of brown hematite ore, and up to date they have run two lateral shafts into this second mountain a distance of 250 feet each, finding nothing but a continuation of the best of brown hematite, making it look as if a supply of

iron ore had been deposited here specially for the world's use for years to come. The railway is a branch of the Algoma Central, and is intended to connect with the Canadian Pacific Railway at a point near Missanabie, and then eventually to run on to Hudson Bay.

The line from Michipicoten Harbor to the Hellen mine is most picturesque, being a continuation of beautiful lakes, having outlets by falls similar to that at Montmorency, Que., and in addition to the beautiful scenery it runs through a virgin country for forest products. The streams are full of

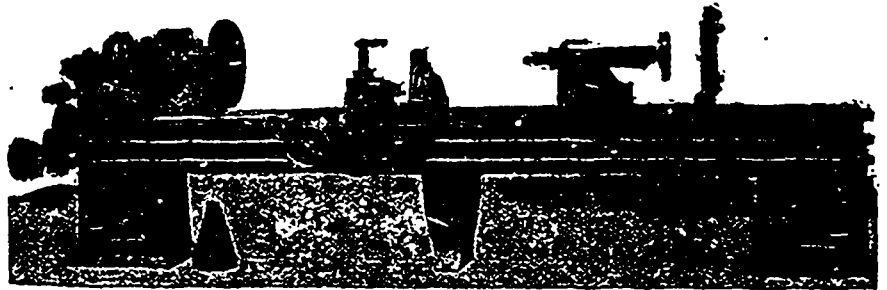
The London Machine Tool Co., LONDON, ONT.

LATHES,
PLANERS,
DRILLS,
SHAPERS,

MANUFACTURERS OF

HAMMERS,
BULL DOZERS
PUNCHES,
PRESSES.

General Machinery



ALEX. GARTSHORE, President. J. G. ALLAN, Sec.-Treas. JAB. THOMSON, Vice-Pres. and Gen. Mgr.

THE GARTSHORE-THOMSON PIPE & FOUNDRY CO. Limited

CAST IRON PIPE

3 in. to 60 in. diameter.

For Water, Gas, Culverts and Sewers

Special Castings and all kinds of
WATER WORKS SUPPLIES

FLEXIBLE AND FLANGE PIPE.

HAMILTON, ONT.

THE ABBEY IMPROVED CHILLED SHOT COMPANY, Limited, Newcastle.

What better testimonials do Sportsmen require than the following, viz.:

Output of Shot in 1899 exceeded 1897 by 5,010 cwt., or equal to the loading of (at 1 oz. per load) 9,031,680 Cartridges.

The winner of the All-England Championship Cup in December, 1898, fired with our shot, and speaks highly of it.

THE AMERICAN

CARPET and .. UPHOLSTERY .. JOURNAL

Each number contains valuable statistics as to the imports and exports of the United States, and all the news relating to the allied industries.

It carries the advertisements of the leading firms in the business, and is regarded as a most valuable medium for reaching the entire trade of the country.

Subscription Price, - \$2.00 a year

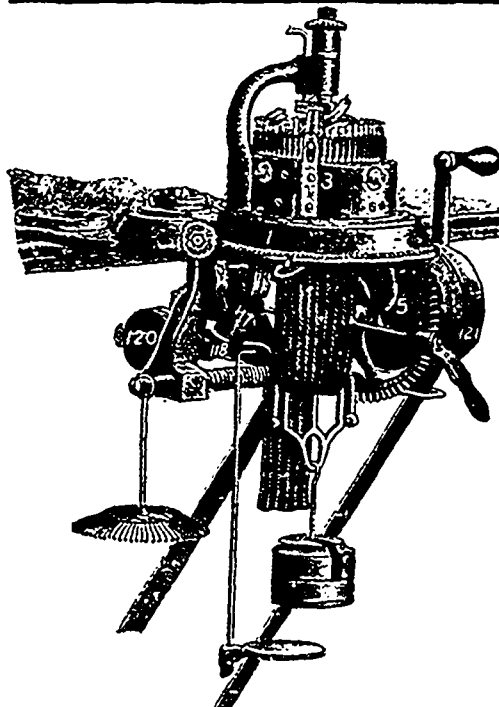
For Canada and the United States.

PUBLISHED BY

THE TRADES PUBLISHING COMPANY,

102 South Twelfth Street,

PHILADELPHIA, PENN.



Seamless Hosiery

KNITTING MACHINES

WE have been hard at it for nearly
1/3 of a Century.

We have had Success.

Our Customers have had Success.

Why? MERIT and SUPERIORITY
in our Machines tells the story
CATALOGUE FREE.

CREELMAN BROS.,

Manufacturers,

GEORGETOWN, ONTARIO, Canada.

When writing to Advertisers kindly mention THE CANADIAN MANUFACTURER.