

NW  
335.74  
V22

## IRON AND STEEL INDUSTRY FOR GREATER VANCOUVER

### Vancouver Magnetite ( $\text{Fe}_3\text{O}_4$ ) Iron and Steel Smelting Company, Limited

Lake Ore.  
Sent 15 tons  
to Burnaby.



*First Pig Iron Made In B.C.*

The above high-grade No. grey pig-iron, entirely free from all sulphur by analysis and produced solely from pure Texada Island, B.C., magnetite iron ores, was smelted by the above company in September, 1919, at the B. C. Electric Railway Company's Burnaby power house, being first fused in an electric furnace and then reduced by the duplex process.

This up-to-date furnace practice conforms with the very latest advancements in any skilled iron and steel metallurgy, thereby making absolutely obsolete for this province all ideas of treatment in antiquated blast furnaces, which necessitates additions of inferior soft ores, high in phosphorus. The fact that splendid magnetite iron ores in abundance occur along the actual seaboard of the islands and mainland, obviating the high cost of transportation of any ores from the interior plateau of this province, greatly cheapens all production of pig-iron locally, enabling this product to more than compete, both in quality and low costs, with any other of the world's iron centres.