

Vancouver Magnetite (Fe_3O_4) Iron and Steel Smelting Company, Limited

Head Office: Vancouver, British Columbia, Canada

Authorized Capital \$100,000.00

Divided into 100,000 shares of one dollar (\$1.00) each. Of these, to September 10th instant, 78,300 shares have been already subscribed for and allotted, being paid for in full. It is now proposed by the company to increase this capital to \$200,000.00, to be used for completion of the smelting plant and accessories.

DIRECTORS

President

DR. T. S. HALL, M.D., New Westminster, B.C.

Directors

COLONEL F. C. McTAVISH, M.D., Vancouver, B.C.

ARCH. L. TEETZEL, of MacPherson & Teetzel, Wholesale Hardware, Vancouver, B.C.

ARCH. EDWARD WRIGHT, Civil Engineer, Trull, B.C.

J. R. HALL, of Hall Machine Works, Vancouver, B.C.

CAPTAIN ROBERT BAILEY, of Towing Company, Vancouver, B.C.

Managing Director

PERCY H. FRASER, Manufacturer, Vancouver, B.C.

Advisory Electrical Engineer

L. B. PITCHER, of Philpot-MacDonald Co., Limited, Electrical Engineers, Vancouver, B.C., late of the Western Power Co. of Canada

Advisory Mining and Metallurgical Engineer

RONALD C. CAMPBELL-JOHNSTON, Vancouver, B.C.

Chemist

PERCY W. THOMAS, Analytical Chemist, Vancouver, B.C.

Solicitor

D. L. BANCROFT, Dawson Building, Vancouver, B.C.

Auditor

JOHN J. COWDEROY, 1174 Howe Street, Vancouver, B.C.

Bankers

THE STANDARD BANK OF CANADA

Secretary

Registered Office

210 Dawson Building, Vancouver, B.C.
Telephone Seymour 2300

OBJECTS

First—To manufacture pig-iron to build up British Columbia.

Second—To produce high-grade No. 1 grey pig-iron, which when offered to the trade will permit every kind of manufacture of steel.

Third—That it will be an employment to thousands of men and women.

Fourth—That will make Vancouver the iron centre on the Pacific Coast.

Fifth—That will help keep in Canada a part of the \$178,340,779 imports of iron and steel goods from foreign countries per annum.

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IRON and steel, their smelting and manufacture, will form British Columbia, having the "Port of Predestination" to the whole Pacific Ocean, into the zenith of all great commercial prosperity and trade by sea and land. This queen of ports already reaches out for those great marts, culminating through Asia and the other continents, impinging along the boundless seaboard of that far-flung Pacific Ocean. This achievement in metallurgy makes this most western province of the Dominion of Canada the future prime producer of commercial grey pig-iron of the highest quality for every manufacture from steel, to be used both in home consumption as well as for export to all other countries.

THE FIRST PIG-IRON TO BE SMELTED IN BRITISH COLUMBIA

The following are some of the general details concerning the local pig-iron industry. As it is of vital importance for the welfare of this whole western province of British Columbia, and equally as much for the Dominion of Canada as a whole, to be intimately conversant with the following correct facts concerning the splendid quality of the high-class grey pig-iron, the first ever smelted within its boundaries from solely local magnetite iron ores alone, fluxed with its own limestone and melted with local charcoal in an electrical furnace, to begin by upsetting the chemical stability and extremely high melting-point temperature necessary for magnetite, namely, 2,780 degrees Fahrenheit, then a further and final slower reduction into actual pig-iron at a much lower temperature than in the first chemical reaction, at about 2,200 degrees Fahrenheit, in the Duplex process, the following thorough analysis of this brand of British Columbia pig-iron, carried out by Mr. F. W. Thomas, analytical chemist, of Vancouver, is now given, together with other authentic analyses, for careful comparison with the best brands of Nos. 1 and 2 grey pig-irons:

COMPARISON OF COMMERCIAL GREY PIG-IRON

	B. C. Per Cent.	British	
		No. 1 Per Cent.	No. 2 Per Cent.
Silica	3.43	2.00	1.76
Graphite carbon....	0.73	3.04	2.58
Combined carbon ..	1.07	0.70	1.18
Phosphorus	0.48	0.04	0.04
Sulphur	Absent	0.01	0.01
Metallurgical iron	94.13	93.80	94.30
Total determined ..	99.84	99.59	99.87