

TO ROBERT BELL, M.D., LL.D., D.SC. (CANTAB), F.R.S., I.S.O.

Acting Director, Geological Survey of Canada.

SIR,—I beg to transmit, herewith, my report on the Origin, Geological Relations and Composition of the Nickel and Copper Deposits of Sudbury, Ontario. The report also includes brief references to the character and extent of all the more important nickel deposits of the world, with a general statement of their production and methods of smelting and refining. Details of the mining, smelting and refining operations of the Sudbury ores are furnished, as well as complete statistical tables of production, prices, uses and composition of the nickel of commerce. It is believed that the report will serve to bring together in one volume, all of the more valuable and critical original investigations in regard to these immense and apparently inexhaustible deposits.

Canada has at last realized the true importance and value of these mines and has, within the last year, taken her position, from which she will not recede, of being the largest producer of nickel in the world. Hoping the present report will satisfy the demand which has existed for some time, for detailed and accurate information in regard to these ore bodies,

I have the honour to be, Sir,

Your obedient servant,

ALFRED ERNEST BARLOW.

GEOLOGICAL SURVEY OFFICE,
OTTAWA, JULY 4th 1904.