

The ore is of very remarkable purity, and it holds on an average 64 per cent. of metal, equivalent to a furnace yield of about 60 per cent.

A practical test made upon several cwts. of the ore, in a Siemens's furnace, produced at one heat a steel of very superior quality.

The cost producing first-quality pig-metal from the ore at the furnace-site on the Gatineau would not exceed \$20 per ton, whilst the value of the metal in the Canada market, allowing for all possible fluctuations, could not average less than from \$40 to \$50.

These statements and estimates, which I have sought to keep scrupulously within the truth, and which are confirmed, I may observe, by independent and thoroughly trustworthy testimony, are sufficient in themselves to prove the value of the Haycock Location as an iron property. Under judicious management, the property cannot fail to yield large returns for the necessary capital invested in its development.

I have the honour to be,

Sir,

Your obedient servant,

E. J. CHAPMAN, PH. D., &c.,

*Professor of Mineralogy and Geology in University College,
Toronto, and Consulting Mining Engineer.*

TORONTO, November 22nd, 1873.