

At \$ 80 per ton the net profit would be \$ 55.00 per ton, making a yearly profit of \$ 132,000 in operating with four furnaces only.

We have caused a specimen of the ore to be assayed by Dr. Charles T. Jackson, the State Assayer, who has furnished us with the following certificate: —

REPORT OF DR. CHARLES T. JACKSON, STATE ASSAYER.

Boston April 12, 1864.

TO THE PRESIDENT AND DIRECTORS OF THE EAST RIVER  
IRON AND COAL COMPANY.

GENTS: I received from you a mass of Micaceous Specular Iron Ore mixed with silicious rock, and have, as you requested, made an analysis of the ore, picked clean as it can be from the rock, and have obtained the following results per cent: —

Per Oxide of Iron,	83
Insoluble rock and a little Titanic Oxide,	16
	<hr/>
	99
Loss	1
	<hr/>
	100
	<hr/>

83 per oxide, contains 58 $\frac{1}{2}$  metallic iron.

Yours respectfully,

C. T. JACKSON, M. D.

*State Assayer.*

Attention is also called to the following letter from Mr. Harrington Hinckley, (a gentleman who has had over thirty years experience in the iron business,) and