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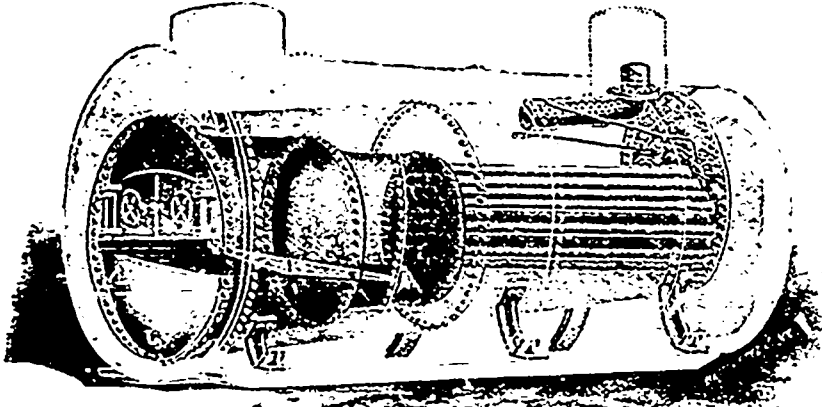
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ESTABLISHED 1848. AMHERST, N. S.

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2500 TONS JUST ARRIVED PER STEAMSHIP VALETTA AND SCHIRS.
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DIRECTLY OPPOSITE RAILWAY STATION.

EXTENSIVE improvements having been completed in this house it now possesses 32 bed rooms, 1 Ladies and 2 Gentlemen's Parlors, Sample Rooms, Billiard Rooms, Hot and Cold Baths. The house is situated on first class premises, and it will be found, outside of the Queen of Halifax Hotel, equal, if not superior, to any in the province. Livery Stable in connection.

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POCKET PEN & PENCIL STAMP with NAME 10c.

Alphabetic Holder, Ink, and other Stationery. Also, a large stock of Stationery, and a large stock of Stationery, and a large stock of Stationery.

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Good, Experienced Hardrock MINERS can be had at a very low price in the Mines of the WEST WAVERLEY GOLD CO., LTD., at WAVERLEY.

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MINING.**UNGENEROUS CRITICISM.**

The *Engineering and Mining Journal*, of New York, in a late issue, published a description of the Crawford Crushing and Amalgamating Mill, and in a tabulated statement gave what purported to be the results of tests made at the West Waverley Company's mine.

These returns were not furnished by the agent here, but it is supposed were reported to the head office in New York by some mining engineers visiting the Province. Their information, it is believed, was derived from a conversation with Mr. Hardman, which must have been incorrectly reported.

However that may be, the report was premature and incorrect, as only tailings from the West Waverley Company's property had been treated. The test on these proving highly satisfactory, and showing that as an auxiliary mill to a stamp mill the Crawford would prove a great gold saver.

The mill was also tested direct on the ore from the Salisbury and Annand mines at Montague, and as far as these tests went fully confirmed all that had been claimed for it. These are the simple facts in the case, and Mr. Hardman, in writing the following letter to the *Engineering and Mining Journal*, has, we think, allowed himself to most ungenerously and disingenuously criticise the Crawford Mill:—

Editor *Engineering and Mining Journal*:

Sir,—In your issue of July 22nd there is an article descriptive of the Crawford mill, and a tabulated statement which purports to show the results of work done by this mill compared with that done by stamps. So far as the figures relating to the "Waverley Mine, Nova Scotia," are concerned, permit me to say that they are purely fictitious. The Crawford mill has never crushed any quartz from the Waverley mines.

The few tests made by the machine in Nova Scotia, on tailings and on quartz from Montagu district, have clearly shown that the extravagant merits claimed for this machine cannot be substantiated by actual work.

JOHN E. HARDMAN, Managing Director,
The West Waverley Gold Company, Limited.

Waverley, Nova Scotia, Aug. 2nd, 1892.

What gold mining has done for the Randt may be judged by the following taken from the *London Times*: With plenty of capital to work our gold mines similar scenes may yet be seen in Nova Scotia.—"It (Johannesburg) has a population of about 40 000. The buildings are good, the streets are broad, there are shops with plate-glass windows full of ball dresses and silver plate; the residential quarters are rapidly spreading themselves out into squares and boulevards, a tram-line connects them with the business centre, for 20 miles east and west you may see the funnels of mining works smoking against the sky; the sound of an engine whistle is in your ears, and you find that a train has been constructed which runs from one end of the Randt to the other. The town is lit with gas, water is supplied to all its houses, every ordinary appliance of civilization is here; and, when you remember that it has all been done in five years, and that every scrap of material has been carried up, and the six pianos waiting at the frontier will presently be carried by ox-waggons, you begin to realize something of the extraordinary conditions which can have called so sudden a development into existence.

"Johannesburg stands upon gold. When I wanted to have my conception of the position cleared, an engineer, who was showing me over one of the mines, took an enamelled iron basin and said:—'Imagine this thing magnified in thickness, battered a little, and elongated to an irregular oval of which the longest axis is about 40 miles. If you like you can call the white enamel on the inside the hanging wall, and the blue enamel on the outside the foot-wall. Thus the iron is the gold-bearing reef, and you have an imperfect model of what we believe we know of the gold formation of the Randt.'

"At this moment there are 53 companies working on the outcrop claims. They employ 3,370 white men and 32,100 natives, and they are producing gold at the rate of 4½ millions sterling per annum. And these figures are only an approximation to the possible output from existing sources. Very few of the mines have attained to more than half their full legitimate production. Many are working with inadequate machinery and development, and on almost virgin property. Some are not at present contributing to the output at all, but are developing with a view to future results. Better methods of working, modern developments in the scientific treatment of ore, and cheapened transport, which will allow of the freer use of machinery, must steadily increase the total of production."

"Year by year since the first returns were made upon the Randt, in the middle of 1887, the figures of the output have shown a steady increase. For the first half year up to the end of 1887 they were 23,155 oz.; in 1888, 208,121 oz.; in 1889, 369,557 oz.; in 1890, 494,817 oz.; in 1891, 729,338 oz.; and for the six months which have elapsed of 1892 the total returns have already reached 562,452 oz. There seems to be little doubt in the minds of the best men in Johannesburg that this increase might be expected to grow steadily. The opening of the railway will further so cheapen transport as to render possible the working of a number of low-grade reefs, which are at present considered unpayable, and if the views generally entertained with regard to the deep-level workings be correct the basin of the Randt may be held to be only at the beginning of an unparalleled record of gold production."

LINES FROM LYONS.

DEAR SIRS,—For several years my sister suffered from liver complaint. As doctors gave her no help we tried B. B. B., which cured her completely. I can recommend it to all.
MISS MARY GRAHAM, Lyons, Ont.