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MALLEABLE IRON FITTINGS!
Of these we will handle only a first-class
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Of every kind, with latest Western
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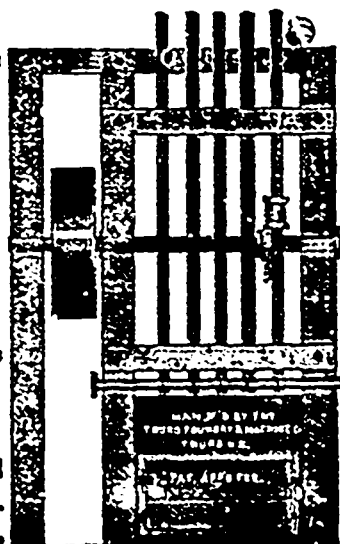
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Manufacturers of Boilers and
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1889 — GOLD MINING — 1889.

This year promises to be an active one in
our GOLD FIELDS. We are, in anticipa-
tion of this, directing our best efforts towards
meeting the enlarging demand for SUPPLIES
by special arrangements with leading manu-
facturers of the principal articles of consump-
tion. We will handle only the BEST
GOODS and SELL AT REASONABLE
PRICES, factors which have given us the
reputation for being

The Best House in Nova Scotia
—FOR—
GOLD MINING SUPPLIES.

A visit or correspondence solicited.

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41 TO 45 UPPER WATER ST., HALIFAX.

Metals, Mill, Mining and Fishing Supplies,
and General Hardware.

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Mills Arranged to make the best use of the Power.

Water Powers and Mill Sites Surveyed.

All kinds of DRAUGHTING neatly executed.

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Roofing & Jobbing promptly attended to.

10 ARGYLE ST., Halifax.

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Gold Mining Properties Examined,
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Information for Investors in Nova Scotia Gold
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MECHANICAL ENGINEERS & MACHINISTS
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Manufacturers of Mill and Mining Machinery,
Marine and Stationary Engines, Shafting, Pulleys
and Hangers. Repair work promptly attended to.
ON HAND—Several New and Second-hand
Engines

MINING.

FROM OUR NEW YORK SPECIAL.—This being the Queen's Birthday, the
British residents are celebrating the event with becoming honor, and the
exclamation "Hero's to the Queen? God bless her!" followed by a gentle
gurgling as they touch glasses, marks the fact that the "Red Letter Days"
in the life of a Britisher are never forgotten.

At the late dinner given to Mr. Erastus Wiman, the retiring president
of the "St. James Club," formerly the Canadian Club—Sir Roderick Cam-
eron, his successor as president, rather "eat on" Erastus for a little too free
expression of his ideas; which at times are rather peculiar; particularly so
in regard to "Commercial Union" between the "United States and Canada."
When the reporter from the *World* interviewed Mr. Wiman as to the
details of the "little unpleasantness" that rather disturbed the harmony of
the occasion, a futile attempt was made to smooth the whole matter over, but
it got out and furnished a couple of columns of rather spicy reading in the
World.

The advance in railroad stocks and bonds referred to last week still con-
tinues, and Brokers' offices are again assuming the cheerful aspect that marks
the coming of the "Festive Lambs" to "gambol—gamble—on the tape"
prior to the "shearing" process which is pretty sure to follow. Mining
stocks too are catching the fever of advancing prices, and when the "boom"
does arrive, the "Investor" who "gets on board" early in the campaign will
make a good profit. Of the eastern stocks "El Cristo," "Barcelona" and
"Leadville" are the favorites, while "Hale and Norcross," "Cons. Virginia
and Sierra Nevada" entice those who are expecting large returns from the
Comstocks. Yours truly, "BLUE NOSE."

Mr. W. J. Nelson, of Bridgewater, has returned from wintering in Flor-
ida, and with renewed health and strength is preparing for a vigorous sum-
mer campaign in the gold mines.

LAKE CATCH.—A rich find is reported on the property of the Oxford
Company.

NEW BRUNSWICK MINING ITEMS.—Of late no very active movement is
made as regards mining matters in N. B.

Parties in the employ of Boston capitalists have been examining lands in
Quaco, near St. John, in connection with manganese deposits.

Operations are progressing slowly but surely on the manganese deposits
in Dutch Valley. I am reliably informed that there is between \$3,000 and
\$4,000 worth of fine ore out on the dump at the property, and it is improv-
ing steadily in appearance. The ore is of a high grade and is said to be
equal to the celebrated Tonnycap ore of Nova Scotia.

A large vein or body of magnetic iron exists in one of our northern
counties and it is now open to capitalists for sale, or will be placed in hands
of good reliable parties on equitable terms, who might feel disposed to help
develop the same. The ore from the surface yields fully 45 per cent. metal-
lic iron. Lying alongside of the iron vein is a vein of yellow sulphuret
copper 3 or 4 feet wide, that assays 13 per cent. copper. Any parties feeling
disposed to look into the matter, can correspond with the writer through the
medium of THE CRITIC office.

The annual meeting of the N. B. Gold and Silver Mining Company was
held at Sussex on Saturday the 18th inst. This Company is developing a
property at a place called Cedar Camp, about 14 miles from Sussex. The
vein or ore body is very large. Tests of the material show fair results in
silver and lead, and good traces of gold. At a depth of 100 feet in the shaft
the quartz veins that are met with appear to be coming in very regularly and
solid, and have every appearance of being gold-bearing. The quartz as seen
by the writer looks more and more like the Nova Scotia gold quartz and it
is confidently believed that on going deeper, gold paying quartz will be met
with. It is to be hoped that the anticipations of the owners may be realized.
The Company have placed a nice outfit of machinery, consisting of boiler,
pumps and hoisting gear on the mine, and have sunk their shaft 100 feet.
They now propose to go 100 feet further and then drive a cross-cut north to
test the extent and value of the veins. They deserve credit for the pushing
manner in which they have proceeded with the work, and are certainly
deserving of success.

Some mining properties in Nova Scotia now being handled through the
medium of New Brunswick promoters are likely to change hands so it is
currently rumored, Boston and New York capitalists being interested.

Further particulars later on. Yours truly, * * *

[FOR THE CRITIC.]

THE EXTRACTION OF GOLD AND SILVER FROM SULPHURETS
BY THE PROCESS OF ROASTING AND CHLORINATION.

(Concluded)

Such a furnace as the one described above will work from three to four
tons of sulphurets in twenty-four hours, depending on the character of the
sulphurets.

The sulphurets are introduced into the furnace through a hole in the
arch at the back end of the first hearth. A level floor of brick about twelve
feet square is laid on top of the arch to dry the sulphurets before introduc-
ing them into the furnace.

The sulphurets are spread out on the floor of the furnace from six to eight
inches deep, and are stirred every few minutes to present fresh surfaces to
the heat and air. As the sulphurets take fire and burn, they are moved
towards the finishing hearth, in charges of a little over a ton, by means of
long handled "hoes" or "spoons." In the furnace all the sulphur is burned
off and many of the base metals, such as arsenic, antimony, zinc, copper and