

## Engines & Boilers FOR SALE.

- 1 Horizontal Engine, Cylinder 9 in.  
in diameter, 20 in stroke.  
1 Beam Engine, Cylinder 7 in. in  
diameter, 14 in stroke.  
Both in perfect working order, with  
Fly Wheel and Driving Pulleys  
complete.

SEVERAL

New & Second-Hand Boilers.

**BARRY & EVANS,**  
Boilermakers & Machinists,  
DARTMOUTH.

**AARON SINFIELD,**  
MASON AND BUILDER, HALIFAX.

BOILERS, OVENS, and all kinds of FURNACE  
WORK a Specialty.

Jobbing promptly executed in best Mechanical  
Style, in Country as well as City at Lowest possi-  
ble Rates. ADDRESS, 7 GOTTINGEN ST.

To Machinists,  
Engineers, Plumbers,  
Mill Owners & Miners.

Having made arrangements with a Promi-  
nent Brass Manufacturing Firm to handle  
their goods, we will carry a stock of Brass  
Goods and Steam Fittings in all branches  
and be able to fill orders promptly at factory  
discounts. Cast and

### MALLEABLE IRON FITTINGS!

Of these we will handle only a first-class  
American make.

We have also in Stock:  
WROUGHT IRON PIPE,  
MACHINISTS' & MINERS' TOOLS,  
LUBRICATING OILS,  
CRUCIBLES.

Packings of all Descriptions.  
WRITE FOR QUOTATIONS.

**Wm. Stairs, Son & Morrow**  
174 to 190 Lower Water St.  
HALIFAX, N. S.

## Truro Foundry and Machine Co. TRURO, N. S. ENGINEERS AND FOUNDERS.

Our Specialties are—

### GOLD MINING MACHINERY

Of every kind, with latest Western  
Improvements.

ROTARY SAW MILLS  
In Latest Styles, and

### HOT WATER BOILERS.

Estimates furnished for Heating Dwellings  
Stores, Churches, &c., with Hot  
Water or Steam.

—ALSO—

Manufacturers of Boilers and  
Engines, Iron Bridges, Stoves,  
Ship, Mill and General Castings.

### 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.

**H. H. FULLER & CO.**  
41 TO 45 UPPER WATER ST., HALIFAX.

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

**FRED. A. BOWMAN, M.A., B.E.**  
Consulting Engineer.

DESIGNS & ESTIMATES FURNISHED FOR ALL  
KINDS OF MACHINERY.

Mills Arranged to make the best use of the Power.

Water Powers and Mill Sites Surveyed.

All kinds of DRAUGHTING neatly executed.

3 Bedford Row, Halifax, N. S.

**CHARLES MYETT,**  
CARPENTER & BUILDER.

Roofing & Jobbing promptly attended to.

11 ARGYLE ST., Halifax.

**F. W. CHRISTIE,**  
Member of the American Institute of Mining  
Engineers.

Gold Mining Properties Examined,  
Reported on, and Titles Searched

Information for Investors in Nova Scotia Gold  
Mines. Estimates obtained for Air Drills and Air  
Compressors for Mines and Quarries, and Steam  
Drills for Railroad Contracts.  
Reference—Commissioner of Mines for Nova Scotia  
Address Letter or Telegram, BEDFORD STA-  
TION, HALIFAX CO., NOVA SCOTIA.

**City Foundry & Machine Works.**

**W. & A. MOIR,**  
MECHANICAL ENGINEERS & MACHINISTS.  
Corner Hurd's Lane and Barrington St.

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.

The mining outlook is very bright. In iron the operations of the Nova Scotia Midland Railway & Iron Company, (Ltd.), in Pic give assurance that the large iron deposits at and near East River are to be opened up, and large smelting works erected, giving employment to great numbers of men.

The New Glasgow Steel works have also entered the field and have purchased for cash several farms in the same district. In copper the purchase by the Eastern Development Company of the Ontario Coal Mine at Big Glace Bay, gives assurance that copper smelting works will soon be in operation in Cape Breton. The opening of the Short Line to Montreal should materially reduce the freight by rail on coal to Montreal and the eastern counties of Quebec, and it is probably for this reason that Mr. R. G. Leckie has formed a syndicate, with Hon. Alex. McFarlane at its head, and has already purchased the Joggins and adjoining mines. The Cape Breton and Pictou collieries are actively employed, and 1889 seems destined to be a great year for the coal miners of this Province. The great attention that is being paid to the development of large leads of low grade ore, bids fair to give to gold mining the permanency that has hitherto not been reached, the small rich leads, although paying handsomely when carefully managed, in most instances soon giving out. To the westward, especially in Queen's County, mining operations are being vigorously pushed, while the older districts in Halifax County, viz., Oldham, Cariboo, Montague, Lake Catcha and numerous others, are through the efforts of competent managers yielding large and steady gold returns. In Hants County there are some phenomenally rich mines, notably the Gould-Northup and Withrow, and great things are expected from the Ardoise Hill District. Bright as are the prospects in gold mining, great care should be exercised by sellers as well as purchasers of gold properties. The former should be careful not to over-estimate the value of their properties, and the latter should employ only thoroughly experienced and honorable mining men to investigate and report on the mines they intend purchasing. It is a fact well known here that some of the mine promoters of this Province have resorted to most dishonorable means to dispose of really worthless properties. In fact some of the sales have simply been "confidence" operations of the most disgraceful character. Every successful swindle tends to throw discredit on Nova Scotia as a gold mining country, to drive capital to other fields, and to handicap the efforts of honest men to dispose of good properties. In gold mining as in everything else, "honesty is the best policy."

**WAVERLY DISTRICT.**—At Waverly on American Hill a large amount of development work is being done under the management of Mr. A. A. Hayward, who is widening and deepening the 360 foot shaft. The mine is being fitted up with a splendid plant of hoisting and pumping gear, air compressors, &c. The extensive buildings make a decidedly imposing appearance on the top of the hill.

On another property, near the bridge to the east of the Lake, a tunnel has been started from just above water level, and has now been driven some 360 feet into the hill, with the intention of cutting the rich leads of barrel quartz and draining the shaft sunk from the hill top. This work is being done by an English Company. The Tudor lead is also being worked. There is not a prettier drive around Halifax than that from Dartmouth to Waverly, at times skirting the shores of the beautiful lakes, then passing through patches of wood lands only to emerge again on the lakes, the shores of which are in many places lined with trees. On a bright sunny day the road will be found delightfully shaded, and the glimpses through the trees over the sparkling waters furnish an ever changing panorama. The drive may be extended past the Powder Works to Bedford and thence to Halifax around the Rockingham side of the harbor, or before reaching Waverly a diversion may be made and the rich leads at Montague inspected. Gold mines will often be found most romantically situated.

In the May number of the *Canadian Mining Review*, Mr. B. C. Wilson, President of the Gold Miners Association of Nova Scotia, has a well written article on "amalgamation."

A property in which Dr. Cowie and some other Halifax parties are interested at New Elm, Lunenburg County, is being developed and a test crushing of 15 tons quartz is to be made.

The Stewiacke Valley and Lnsdowne Railway taps a rich mineral country, large deposits of barytes—lead and iron lying along its course. The freight furnished from this source alone will make it pay handsome dividends. Mr. McKay, who has been indefatigable in his efforts to secure the building of the road, may now rest contented, as the work has been begun by Mr. Wm. McDonald, who secured the contract, and will be rapidly pushed to completion.

Mr. Douglas L. V. Browne, who a few years ago conducted mining operations at Mount Uniacke, Lake Catcha and Smithfield, is now managing the Honduras Gold Placer Co., and has lately been in London, where the company was successfully floated. A correspondent of the *Financial News*, (London), thus writes of the property and the manager:—"Great things are expected from the Guyape River this year—that is about October, when the rainy season closes. The Honduras Gold Placer Company have built quite a small town at Buena Vista, on the Guyape, and have a large force of men at work making all the necessary preparations to get at the river-bed as soon as the river commences to fall. Their pick-trains are on the road all the time between Truxillo and their camp, bringing up machinery and mining utensils, and it is thought here the first clean-up from that famous river-bed will astonish even the most sanguine of the many believers in its great riches."

