

THEO. HAMEL,
6 Sault-au-Matelot St., - Quebec,
GENERAL AGENT OF THE
Asbestos Mining and Manufacturing Co
OF CANADA.

RAILWAY SUPPLIES.

Asbestos Rope Packing, Asbestos Self Lubricating
" Wick " Packing.
" Cement. " Fire-Proof Paint.
" Sheetting. " Mill-Board.
" Felt, etc., etc. " Cloth for Locomotive Boilers and Pipes, Wiping Waste (a specialty).
Engineering Supplies. Use my Boiler Covering and save 33 1/2 per cent. on fuel. Buy my Fire-Proof Asbestos Boxes for Deeds, Silver-ware, Jewellery, etc., etc.

DYNAMITE.

AND OTHER EXPLOSIVES

FINE CAST STEEL For Rock Drilling and all other Mining Material constantly on hand.

McDOUGALL & CUZNER,
531 Sussex and 35 Duke Streets, - OTTAWA.

STEWART & MAGRATH,
Provincial Land Surveyors,
AND
CIVIL ENGINEERS,
Office: Over H. P. MacCarthy's Drug Store,
Wellington St., Ottawa, Ont.

TAYLOR McVEITY,
Barrister, Solicitor, &c.,
Supreme Court and Departmental Agent,
SCOTTISH ONTARIO CHAMBERS, OTTAWA.

JAMES LAWSON,
155 Fortification Lane - - - Montreal.
GENERAL MACHINIST AND ENGINEER.

Machinery of all descriptions repaired at the shortest notice, under personal superintendence at Moderate Rates

FOR SALE

Valuable Phosphate and other Mineral Lands,
In the Township of Buckingham, County of Ottawa:
Patent for Mineral Rights direct from the Crown.
TITLE INDISPUTABLE.

S 1/4 of 2' in the 12th Range 100 acres
S 1/4 of 25 in the 11th Range 100 acres
Three lots, 26, 27, 28, in one Block, in the
11th Range 600 acres
(adjoining Gore of Templeton.)

Also a Circular Saw Mill situated on lot 26, 11th Range, in good working order, and sufficient water power to drive two other mills of the same capacity.

About 30 thousand cords of fire-wood, chiefly hardwood, may be obtained on these said lots.

The lands are in close proximity to the celebrated Emerald, Little Rapids, and other richly productive mines in the great phosphate region. Recent prospecting has disclosed rich and extensive veins of the mineral.

The property is located one mile from the navigable waters of the Du Lièvre River and nine miles from the Village of Buckingham, where the C. P. R., which two years ago built a branch line in order to secure the traffic of the industry, carries it to the port of Montreal.

Conditions and terms of sale may be known by applying to the proprietor,

W. C. KENDALL,
Bassin-du-Lievre,
Ottawa County, Que.

W. Blakemore, F.G.S., M.E., Member of I. & S.I. | A. Montgomery Evans, M.E., of Canada & U.S.

BLAKEMORE & EVANS,
MINING & CIVIL ENGINEERS
Exchange Buildings, Cardiff, S. W.

LONDON OFFICE:
Robert H. Jones, 82 Queen St., Cheapside, London, E.C.

Reports, Estimates, and Valuations made on Iron and Steel Works, Blast Furnaces, and all classes of Mining Properties
CANADIAN BUSINESS PROMPTLY ATTENDED TO.

Sir Alex. Campbell, K.C.M.G., | John L. Blaikie, Esq.
Licut.-Gov. of Ontario, Pres. Vice-Pres.

THE BOILER INSPECTION
AND INSURANCE COMPANY OF CANADA.

Consulting Engineers.

Boilers inspected periodically and their condition fully reported on.

HEAD OFFICE: - - - 2 TORONTO ST., TORONTO.
G. C. ROBB, Chief Engineer.
A. FRASER, Sec'y-Treas.

ORFORD COPPER CO.,
COPPER SMELTERS.

Works at Constable's Hook, N.J., opposite new Brighton, Staten Island. Copper Ore, Mattes, or Bullion purchased. Advances made on consignments for refining and sale. Specialty made of Silver-Bearing Ores and Mattes.

SELL
INGOT AND CAKE COPPER.
President, ROBERT M. THOMPSON.
Treasurer, G. A. LAND.
Office, 37 to 39 Wall Street, New York.

Robin & Sadler,
MANUFACTURERS OF

LEATHER BELTING.

TRY OUR

Waterproof Belting,
Just the thing for Mining Machinery.

MONTREAL, TORONTO,
2578, 2520, 2522 Notre Dame St. 129 Bay Street.

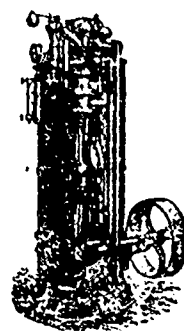
E. H. SARGENT & CO.,
IMPORTERS AND DEALERS IN
ASSAYER'S MATERIALS,
Chemicals and Laboratory Supplies.
125 State Street, CHICAGO.

STEEL IN STORE
"JESSOP'S"

Standard Durable Cast Steel. Best value for consumers.
Also Machinery Steel.

A. C. LESLIE & CO.,
Montreal and Toronto.

Ottawa Boiler and Bridge Works



476-478-479
Main St. } OTTAWA { Gloucester St.

W. J. CAMPBELL & CO
MANUFACTURERS OF
STEAM ENGINES, BOILERS,
TANKS, MINING PAILS,
DUMP-CARS

And every description of Wrought Iron Work.

MINING WORK A SPECIALTY.
N.B. - Every Attention given to repairing by Experienced Workmen.

J. T. DONALD, M.A.,

Analytical Chemist and Assayer,
124 St. JAMES St. - MONTREAL.

Analyses and Assays of every description. Manufacturing processes practically tested. Laboratory instruction in Chemistry, Assaying and Mineralogy. Terms on application.

Rubbing it in. How many years does this progressive and Liberal Government of Ontario intend to allow to pass before Fraser in Brockville, Hardy in Brantford, Mowat in England, and the Rosses going to the States or elsewhere, will learn what is transpiring in the Ontario mining country? How long a time is to be lost before this Government will issue the proclamation and open up the country to the poor man? From Sudbury, southwest along the Canadian Pacific, we have as rich a country in mining wealth as California. Instead of it being open to the inhabitants, it is reserved for capitalists and friends of the Government. Look at the names of those who are the owners in the township of Denison? Is there one working man on the list? Yet in California the discoverers received what they found. In Canada they only prospect other people's land. The law is good enough if the Government would put it in force, but they are either so neglectful or so ignorant that they do not know enough to proclaim it. --Empire.

The Recovery of Gold from Refractory Ores. - A new process for the recovery of gold from refractory ores has been patented by Mr J. H. Pollok, assistant to the Professor of Chemistry at the University of Glasgow. It is said to be cheaper than other processes, the comparison being that while by older processes the extraction is only 80 per cent., and the cost 20s per ton, by this process the cost is put at 6s 6d per ton and the extraction at 97 per cent. A great many experiments have been made in the Glasgow University, in the presence of Principal Caird, Sir William Thomson, Professor Ferguson, Dr. Stewart and others; and most favourable opinions have been expressed by scientific and practical men as to the value of the patent. In one experiment 9,000 grams of tailings were treated, and out of 330 grains of gold present 320 were extracted, the residue containing only 10. Samples of ore from New Zealand, South Africa, Queensland and Victoria have been successfully treated. Professor Ferguson writes that the process is specially applicable to "light" gold, is a rapid one, that the apparatus is of the simplest kind, and there is nothing about it to get out of order; that the cost of materials for the extraction runs from 4s 6d to 6s per ton; and that the gold is almost entirely extracted.