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MINING SUPPLIES

AND

RUBBER GOODS

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CYLINDER STAVE MILLS,

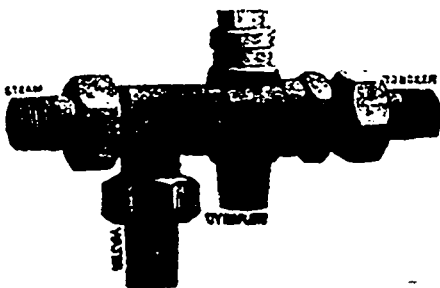
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BUZZ AND SURFACE PLANERS,

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MECHANICAL ENGINEERS, Halifax, N. S.



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perfectly automatic, works as well  
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FOR MINERS' USE,

IRON PIPES AND FITTINGS, &amp;c.

COPPER PLATES, PLAIN &amp; SILVERED, STEAM ENGINES,

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STAMP MILLS, ROTARY SAW MILLS

SHINGLE MILLS, STAVE PLANERS,

RUBBER AND LEATHER BELTING,

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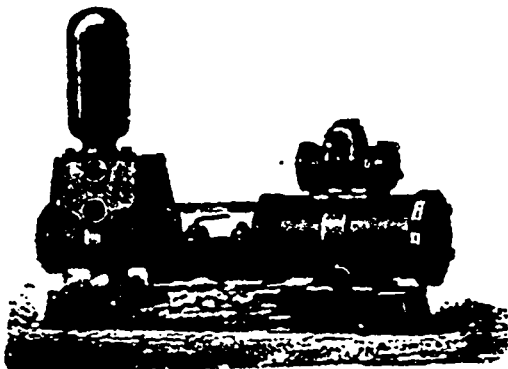
MACHINE OILS.

Drill Steel,

Picks,

Shovels,

ETC., ETC.



## AUSTEN BROTHERS.

HALIFAX, N. S.

## MINING.

**CENTRAL RAWDON.**—The interest in this district continues unabated, the Central Rawdon Company's property being the centre of attraction. The yield of gold still continues as large as ever, and as the lead is a true fissure vein, there is likely to be no failure of the supply.

**ASHLAND.**—At Ashland, a few miles west of Ellershouse, and three miles east of Central Rawdon, it is reported that Mr. F. Beckman has stripped several gold-bearing leads having all the characteristics of the Central Rawdon leads, as they run north and south across the measures and are evidently fissure veins.

**SOUTH UNIAKKE.**—On the Withrow property prospecting has resulted in the discovery of several new leads, which give promise of richer returns than the original Withrow lead.

**SALMON RIVER.**—The Dufferin Mining Company return for August 197 ozs. gold from 500 tons of quartz crushed.

**MILLIPSIGATE.**—The Millipsigate Gold Mining Company returns 4 ozs. gold from three tons quartz crushed, a trial test, in August.

**CARIBOO.**—A sale of considerable magnitude is almost closed in this district.

**KILLAG DISTRICT.**—Advices from this district state that the lode now working is looking better than ever. The quartz is from 9 to 15 inches in thickness, and will yield at the rate of 5 ounces per ton. Some of the rolls are reputed as valued at 10 ounces per ton. A level is being driven at a depth of about 30 feet to connect the two shafts. When this is completed the rich streak will be opened for over 75 feet in length. A recent break in one of the mortars in the mill prevents active crushing from being carried on immediately.

On Monday evening quite a gathering of prominent men, including some well known in mining and scientific circles, witnessed Mr. J. R. Wilton's demonstration of the marvelous work the Shaw Machine is capable of performing. Amongst the number were Mr. H. S. Poole, Mr. D. Madden, Deputy Inspector of Mines, Premier Fielding, Hon. Mr. Church, Commissioner of Mines, Principal Forrest, Prof. McGregor, Prof. Lawson, Mr. J. Morrow, Mr. Lithgow, Geo. E. Boak, Hon. Wm. Ross, Speaker Power, Dep. Prov. Secretary Crosskill, Wm. Roche, M. P. P., Maynard Bowman and Mr. T. R. Gue.

Mr. Wilson gave a series of interesting tests, proving the marvellous accuracy of the machine in determining the quantities of gas present in the air, and then put a Davy lamp to the crucial test, showing that 2½ per cent. of gas had no appreciable effect on its flame. He then illustrated the numerous uses the machine could be put to in practical mining by means of a diagram of the Morell Mine in which it is adopted, the diagram being clearly brought out in enlarged form on one of the walls of the room by a magic lantern. It would be difficult to describe the working of the apparatus without a diagram, suffice it to say that with the apparatus in use the superintendent in his office is kept constantly informed of the state of the air in the workings, and by a series of ingenious signals can receive and send messages with great rapidity from and to the miners. Entombed miners may be supplied with pure air and liquid food, fires speedily extinguished, and loss of life largely prevented. The audience took deep interest throughout in Mr. Wilson's lucid exposition of the working of the apparatus, and were all convinced that as a testing machine for gases it has no equal.

**A GREAT ENTERPRISE.**—We learn with a great deal of pleasure that Col. Snow has completed his arrangement for the purchase of the Converse Plaster and Gypsum quarry, at Mabou, C. B., and is now in control of the seven hundred acres comprising that industry. These mines have been idle for some years owing to the want of a harbor for shipment, but now owing to the work done by the Government dredges, Mabou harbor has twelve feet of water at its mouth, and this difficulty is removed. Professor Robertson of the Dominion service personally inspected these quarries this summer and had samples analysed by the Government Chemist, who pronounced the lime and gypsum to be of the highest grade for agricultural purposes; and when mixed with manure which accumulates around stables or used in compost heaps, making the best fertilizer known. This will be of special interest to our farmers and agricultural class generally, as the easy access and cheapness of shipping will supply a long felt want of a reliable and inexpensive fertilizer. Col. Snow with his usual push and hustle is already at work at the quarries, and has orders for some large shipments to Canadian firms. Russel Johnson has been appointed agent here, and will soon have a large supply on hand for the Pictou market. We wish the new enterprise every success. It means another of our great natural resources opened up, and fresh evidence of the wealth of our mineral deposits.—*Pictou Exchange.*

The Gay's River Gold Mines are attracting considerable attention, and a good deal of work is being pushed in that locality. It may be well to give some explicit and reliable information about the region, and what is going on there.

The mines are in the extreme southwestern corner of Colchester County, and six miles distant from Shubenacadie station. They are not on Gay's River, but a small brook that is a tributary to that stream. The country thereabouts is undulating, and partly under cultivation. In a cut of the stream one may see that a layer of gravel, forming the surface, rests upon a