

The Crawford Mill has already won its way to favor in the great gold mining countries, and its trial tests in this Province have maintained its record as a gold savor and a cheaply operated mill. Capt. George Macduff, of Waverley, the agent for Nova Scotia, is meeting with success in introducing the mill here, and before long a number will be at work. The following table shows from a long list of tests on all classes of ore the large percentage of gold and silver the mill saves from the most refractory material. The 4th and 5th columns show the value of the ores by fire assay, the final the percentage of the assay test in gold saved by the mill.

		Fire Assay	Per cent. of gold in fire	
		Gold, Silver.	assay saved in mill.	
Aug. 22nd, 30 lbs.....	No. 16	4.13 .60	98	
Aug. 22nd, 31 lbs.....	No. 17	10.33 .70	90	
Aug. 24th, 10 lbs.....	No. 18	4.13 .70	96	
Aug. 25th, 10 lbs.....	No. 19	2.07 .70	75	
Aug. 25th, 10 lbs.....	No. 20	2.07 .70	100	
Aug. 25th, 10 lbs.....	No. 21	4.13 .60	88	
Aug. 25th, 10 lbs.....	No. 22	5.17 .60	90	
Aug. 25th, 10 lbs.....	No. 23	4.13 .60	88	
Aug. 25th, 10 lbs.....	No. 24	3.10 .70	100	
Aug. 25th, 10 lbs.....	No. 25	4.13 .40	88	
Aug. 25th, 10 lbs.....	No. 26	4.13 .80	100	
Aug. 24th, 329 lbs.....	No. 27	5.17 .75	90	
The gold in this ore is mostly contained in sulphurets.				
Aug. 26th, 550 lbs.....	No. 28	7.23 .85	87	
A sulphureted ore, containing a very small per cent. of free gold.				
Aug. 30th, 150 lbs.....	No. 29	18.60 1.30	87	
Aug. 29th, 40 lbs.....	No. 30	343.12 15.00	86	
Ore from the Robbins Mine, Oregon, consisting of iron pyrites.				
Aug. 29th, 85 lbs.....	No. 31	45.47 4.20	87	
From Robbins Elkhorn Mine				
Sept. 1st, 10 lbs.....	No. 32	8.27 2.00	88	
The most refractory ore we have received.				
Sept. 1st, 50 lbs.....	No. 33	16.54 2.40	87	
Aug. 29th.....	No. 34	10.71 .50	80	
Tailings from Elkhorn Mine.				

Hood's Pills cure Sick Headache.

COAL MINING ITEMS FROM THE STELLARTON Journal and News.—Stellarton.—Work in the English slopes was to begin on Monday. This slope it is said is to be used in connection with the ventilation of the Foord pit. The Foord pit should soon be heard from in telling ton(e)s.

The men in the Foord pit recommenced work last Monday, a satisfactory arrangement having been arrived at with the management. Mr. Wills, though two years in N. S., is not yet master of the situation. He is in a fair way of learning how things are managed here, and may in time adapt himself to his surroundings.

Cow Bay.—Work at the colliery is fair. The making of briquettes has been resumed. The 'bricks' are being stored at the breakwater ready for shipment.

Mr. Joseph Hudson is, without doubt, the most popular manager Cow Bay has ever had. Mr. Anderson, the underground manager, is also popular, and puts his whole heart into his work.

The Company have been boring for coal on their area. A hand diamond drill is employed. On Saturday week coal was struck, a six foot seam, near Morrison's Lake. It is thought to be the Gowrie seam by some. This find enhances the value of the property.

The real basin of the Gowrie seam has been struck. The seam at the basin has an angle of about 25 per cent. The management claim that they have over 1200 yds. of coal to the surface. But there may be differences of opinion as to the width. Messrs. Anderson and Hudson claim that there is a vast quantity of coal still in the Gowrie mine. Let us hope that their belief is well founded.

Sydney Mines.—Things are running smoothly here. Work keeps steady.

The output of the colliery so far this year is in excess of last year to same date. The management were chagrined last year on learning the colliery took third place. This year it will resume its former place as the leading colliery. The output is 5000 tons in advance of last year.

Bridgeport.—Work at the mine was perhaps worse this week than any week during the summer, as if it was all put together it would not amount to a whole day. In fact the outlook for the fall is anything but good.

Victoria Mines.—Work still continues brisk and prospects look encouraging for the remainder of the shipping season. Our bank is diminishing rapidly of late and we are in hopes of having a clean floor by the end of November; and then if the L. P. B. & L. Mining Co. say so, the same crowd is here to fill her up again.

Caledonia Mines.—It was rumored that the levels were 'sold,' and that the same parties got them again, and they have got the iron men too. We hope that our manager will have the winter work properly shared.

Owing to want of sufficient power the coal-cutting machines procured some time ago, have been out of employment. It is expected the machinery necessary for a display of their capabilities will soon be put up—and then. Well then, our genial manager may find that there is not millions in them, as compared with hand labor, when interest on money expended on their purchase and the cost of running are taken into calculation.

"Universal household remedy," is the common peoples name for Johnson's Anodyne Liniment.

At one of the principal lead mines in Brussels, the Mechnich, some special features have been introduced, for not only is the mine electrically lighted, but a current is used throughout for economy of labor. An enormous quantity is daily raised—more than 3,000 tons—but so perfect are the automatic arrangements, that only twenty-five hands are required for this great output. A peculiar appliance is in vogue which has proved a great convenience, and it is thought is destined to quite general adoption. When a wagon of ore is tipped at the shaft's mouth electric contact is made in the tipping, and a small needle in the office makes a red mark on a band of paper revolving by clockwork, the object of this being not so much to give automatically the number of wagons tipped, as to show at a glance that the hauling is proceeding regularly; the paper band is divided into half hours for a week throughout, and, at the end of the week's work, it is clearly seen and known at once what number of wagons have been tipped on any day and at any time.

SHERBROOKE.—The only two pits working in this district are the "Alexandra" and the new find on the Gold Hill property. About a dozen men are employed in the former and seven or eight in the latter. There is some talk of further prospecting on the Rockville areas, owned by the Blaikie Gold Company. The mills are idle for lack of water, and it is improbable that any quartz will be crushed this month.

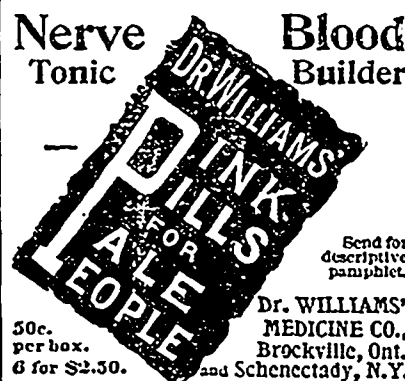
ECUM SECUM.—Mr. Ycraton informed our correspondent that last month's work had been fairly successful. The ore has yielded rather over an ounce to the ton so far, and the lead is improving as it is sunk on. Very few men are employed at the mine, which is easily worked. Mr. Ycraton had a small brick of gold weighing thirty-three ounces, the result of the last clean up.

WINE HARBOR.—The work of sinking the new shaft on the "Plough Lead" is still progressing. So far the ore is low grade, but the latest reports indicate a slight improvement.

If you are at all curious to try something new, write Percy J. L. Lear, Atlantic Cigar Manufacturing Association, 221 Barrington St., Halifax, for particulars.

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MATTHEW R. KNIGHT,
HAMPTON, N. B. NEW BRUNSWICK.

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