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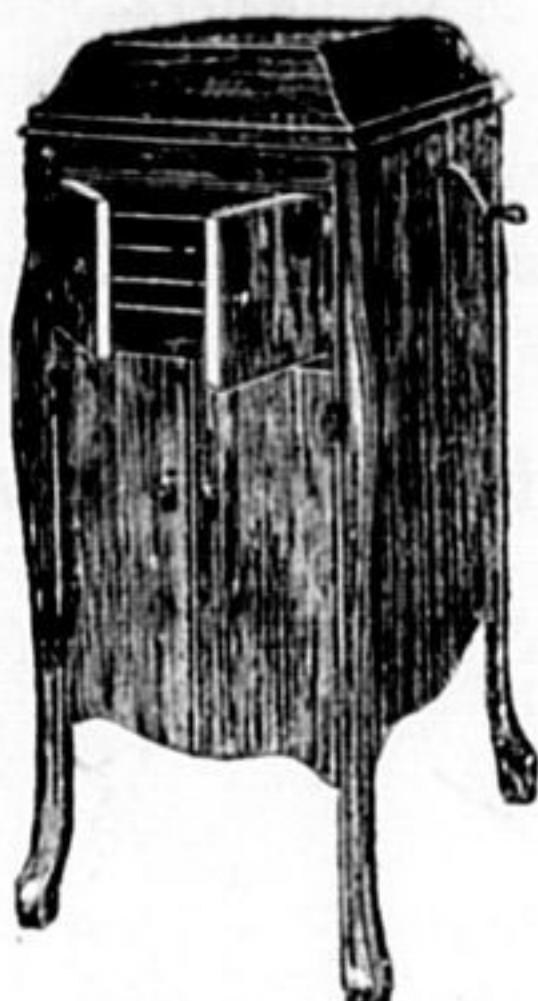


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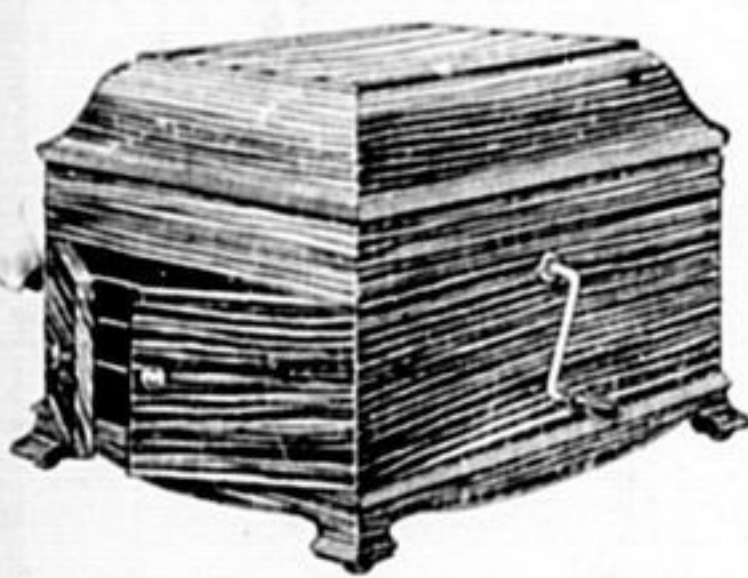
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Maritime Gold Production An Increase For 1916

PROFESSOR STANLEY H. GRAHAM DISCUSSES GOLD MINING OPERATIONS IN NOVA SCOTIA, AND HOLDS OUT THE PROMISE THAT A NEW ERA OF PROSPERITY IS NOW AT HAND—CHEAP HYDRO-ELECTRIC POWER IS IMPORTANT CONSIDERATION IN THIS SECTION.

Reviewing the gold mining industry of the Province of Nova Scotia during the past year the most striking and encouraging feature is the great increase in production compared with the previous year. The gold production of gold reached a maximum in 1901 and from that year steadily declined to the minimum in 1913. The production of 1914, however, showed an increase of one-third over that of 1913, and the production of 1915 will show an even greater proportional increase compared with 1914. In the production for 1916 will be included the gold contained in the antimony ore from West Gore, which this year reached a very important figure. Neglecting this amount, and considering only that produced by gold quartz mines, the production will show a very decided increase over that of the previous year. The present outlook is that the coming year will give an even greater production. It is hoped that this indicates that the gold mining industry has passed through its period of depression and is entering one of great prosperity.

The antimony mine at West Gore, Hants County, after being idle since 1911, was reopened a year ago and has since been actively worked and much new equipment added. The mine is now 800 feet deep and development on the lower levels has been very satisfactory. The ore is concentrated at the mine to a high grade product rich in gold and is shipped to the smelter in England.

Guysboro in the Lead.

Considering only the auriferous quartz mines, Guysboro County takes the lead in the amount of gold produced. During the year six properties were worked in this County, and of these four are still in operation. The mines at Goldenville and Forest Hill will probably take first and second places respectively, in the amount of gold produced by the quartz mined. Both these properties have had to do a large amount of dead work to get the mines pumped out and in shape for economical working. Under these circumstances it is reasonable to expect that their production will be greater than last year.

These two properties are of particular interest, not only on account of being the leading producers, but also as being examples of two entirely different types of mines. At Goldenville a wide belt is mined and the purpose is to treat a large tonnage of low grade ore. The mill has forty stamps and all machinery is run by electric power, obtained from the company's hydro-electric plant on Liscomb River, eight miles from the mine. This plant has been in operation continuously throughout the year and it is such cheap power, together with economical management, which has made it possible to work the low grade ore at a profit. On the other hand, at Forest Hill an entirely different type of mine is in successful operation. Here, narrow veins are worked for the recovery of high grade ore. In this case the tonnage of ore sent to the mill is comparatively small but the value per ton is many times that of the Goldenville ore.

The other properties working in Guysboro County, are the Miller Lake mines and the Dun Cove mines, near Goldboro, where a couple of promising leads are being opened for testing. The Stormont Gold Mining Co. closed down in the early part of the year, and the Seal Harbor Mine, near Stormont, was worked on tribute for a short time.

Twelve Mines in Halifax.

In Halifax County twelve mines were worked during the year and considerable prospecting and testing work done on others. Of these, six mines are continuing operations. The most important districts producing are Caribou, Tangier, Lake Cateha, Montague, and Oldham. At Oldham the Hardman shaft on the Dunbrack lead is being worked and good ore obtained. Efforts are being made to find the extension of the Hardman roll. This roll was at one time very productive but was cut off and lost by faulting.

In the Caribou district two mines are working. The Dixon fissure vein is producing steadily, supplying ore to a five stamp mill. In 1916 the production of the Caribou district should be materially increased by the entry

of the Hibley mine to the list of producers. This mine is on a new vein discovered in 1915, and during the past year a shaft was sunk, some development work done, and a five-stamp mill built. The mine has now reached the producing stage and appears to have a promising future.

The Montague District.

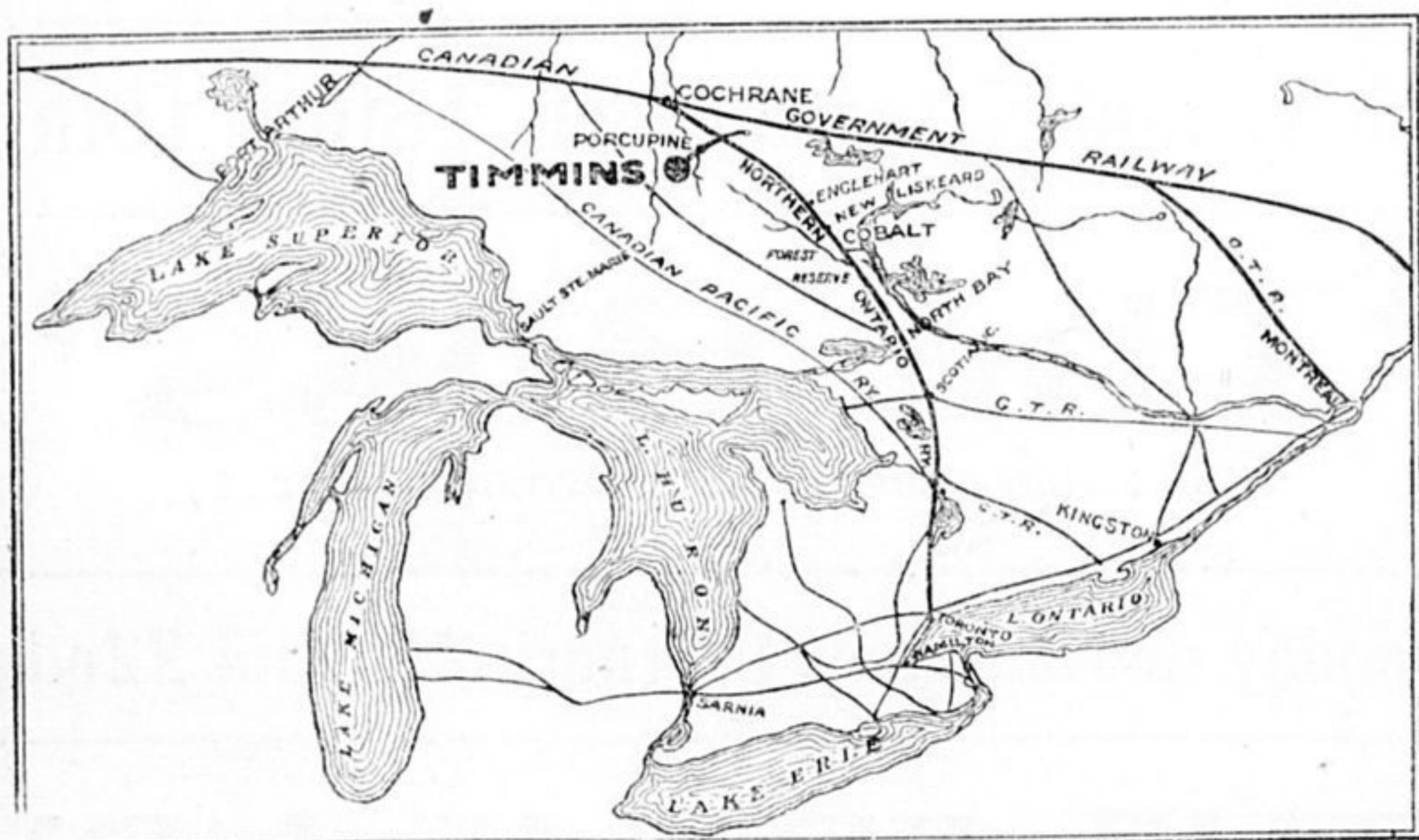
The Montague district is again coming forward, and some exceedingly spectacular ore has been produced by the Loon Brook Mining Co. On this property the Skerry lead has been recently opened up below the fault, showing a vein of good mining ore with numerous local enrichments running several thousand ounces to the ton. This lead was at one time very productive and shafts and workings extend along the vein for a distance of over half a mile. At a comparatively shallow depth the vein was cut off by a fault and operations in depth were discontinued. The finding of the vein with good values below the fault gives possibilities of a bright future to this district.

At Tangier the Dominion Mining Company unfortunately met with difficulties and closed down. A new property is being opened up at Sheet Harbour, where the Bradford Mining Co. has sunk a vertical shaft on the axis of the anteline and is cross cutting for the veins. At the Oxford Mine, Lake Cateha, several tributors have been working.

Southwest of Halifax in the area underlain by the goldbearing series of rocks, very little mining has been done. A small production was made by the mines but two of these which were worked under lease, have been shut down. At Gold River, Lunenburg County, the North Star mine was worked by tributors, for several months. The grade of ore produced was good and it seems strange that this district, which is so easily accessible, has been so little worked. The Malaga district, Queen's County, has also been a small producer. The Old Pook mine was worked for a time under lease and some developing work and prospecting was done with satisfactory results. This property is now under option to western capital and it is hoped that the coming year will see active operations at this mine. At Kemptonville, Yarmouth Co., the Cowan lead is being re-opened by a company financed in Boston. The mine is now being pumped out and so far only a small test mill run has been made.

In this area southwest of Halifax it is seen that very little work has been done during the past year. Should the work now projected, be carried on, the coming year should see a more prosperous condition. There are, besides, many other districts which might repay investigation. (Continued in next issue)

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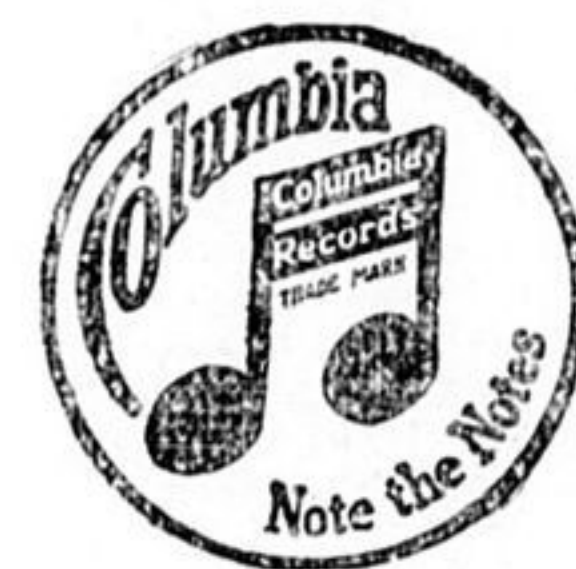
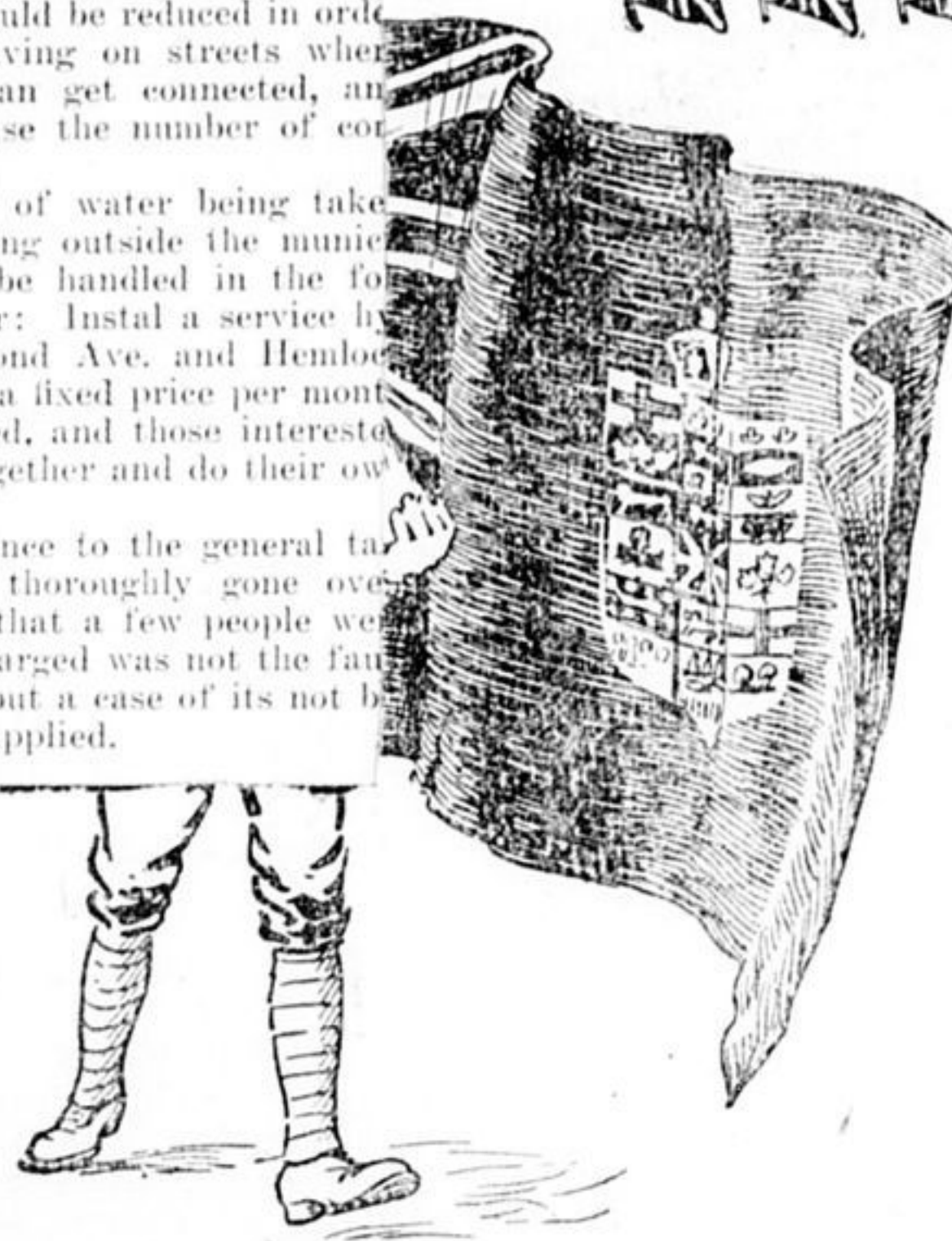
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3. The matter of water being taken by people living outside the municipality might be handled in the following manner: Install a service line on Second Ave. and Hemlock St. for which a fixed price per month will be charged, and those interested would club together and do their own collecting.
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