

The aspect of this fossil impressed me so strongly that I did not hesitate to give a very decided opinion of its importance. I ventured to assign to the fossil Lower Silurian age. In scientific matters of this kind the judgment of a specialist is most desirable. Having this fact in view I at once showed the fossil to Professor Kennedy of King's college, who instantly caught at its importance and asked for a day or two to study it.

This morning he not only confirmed my opinion, but states provisionally, that the fossil is a STROMATOPERA. Mr. Willis says that they are found in great numbers in the slates at Rawdon. Professor Kennedy has so far made up his mind, that he has given a specific name to the fossil, which will be announced when he has completed his scientific description. Now all this may appear trifling to the general reader; but what does it really amount to? Provided that Professor Kennedy's further examination proves this STROMATOPERA to be what we suppose, it shows:—

FIRST—That the gold in Rawdon is derived from true veins penetrating a newer series of rocks than any yet described in Nova Scotia, where gold mines are or have been worked.

SECOND—The Rawdon slates, of great thickness and lateral expansion, being newer than any other described gold district, the area over which gold may be found in Nova Scotia is largely extended, and from the character of the slates, the cost of mining is diminished.

THIRD—The veins (at least in the Northup mine) in which the gold is found, are true veins, and consequently of undefinable depths—giving color to the supposition that the veins may be worked to a great depth. There are other conclusions of importance which may be specified in a short time. A gentleman recently from Rawdon showed me Rawdon gold in quartz. I struck me that this gold differed in color from the gold of the older districts. The difference in color is very distinctly seen in the gold of the Chaudiere in the province of Quebec.

I venture to solicit early publicity of this discovery, for it may be of economic importance to Nova Scotia. It is right too, that Nova Scotians should get the credit for it, but further than this, its announcement may stimulate gentlemen engaged in gold mining to look out for fossils, particularly in Rawdon and the new gold districts.

We are all much indebted to Mr. Willis for taking such careful note of anything like a fossil, however obscure, in gold bearing rocks.

HENRY Y. FLE HIND.

Windsor, July 23rd, 1890.

PORT ARTHUR ONTARIO.—At The Long Pine—Silver prospect just this side of the Beaver mine, it is proposed putting a force of men at work very shortly. The idea is to go on stripping the vein up to the top of the hill at the junction of the trap and slate, where it is anticipated pay silver will be found. It is said that this prospect is a continuation of the same formation as the Badger, and that on development it will prove another bonanza.

The Badger.—On Saturday last the Badger people struck the old vein on the other side of the hill. They have been looking for and working to find it over there for a year. It is covered by earth for a considerable depth. Where found it contained the same old rich stuff. It is needless to say that they are in high feather.

The Beaver.—Col. Hecker of Detroit, one of the owners of this mine, was here visiting and inspecting the property. We hear that the cores, which are kept solely for the inspection of the owners, were gone over carefully by him and that he was much pleased with them. The ordinary work of the mine is progressing satisfactorily.

The East End.—Capt. Thompson is exploring this property thoroughly. He has found two new veins, which, while not showing any great amount of silver, are what is commonly termed promising prospects. The road to the mines is in good order.

The McPherson Prospect.—Some time ago Mr. McPherson discovered a silver vein on his farm near Joe Taugay's hotel. Mr. Garland has been working on it. The vein has a fair width and shows silver and blende on the surface.

The Holmes Location.—Bob. Holmes was in town on Wednesday and informs us that he is working away on his prospect west of the Beaver, that the indications are good and that he is getting some silver and blende right along.

Rainy River.—Coal or lignite has at last been found in place on the Canadian side of the Rainy River. Development will likely take place this summer, when we will be able to learn more as to the quality and quantity.

Bought a Location.—Col. Shaw for himself and some Toronto friends has purchased a Whitefish Lake silver location. We were unable to learn the price agreed upon.

McKellar Island Barya.—As is generally known one of the first two cargoes was lost. Supt. Hopkins informs us that Mr. Betton will be here to-day and that the third cargo will be ready for shipment in about a month.

Manganese Iron.—A third vein of this very valuable mineral has been found in our district. The vein is 100 feet wide. The samples show a fine iron ore with a goodly quantity of manganese in it. This will be a valuable adjunct to our future iron ore smelting works. At present we are not at liberty to say where it is.

The Paulson Iron Range.—Out on the iron ranges there is not very much new. Mr. R. R. Paulson contemplates an early visit to his property, which is located on the north side of Arrow Lake. There is 32 miles of this rich iron land contiguous to the P. A. D. & W. Railway, and the railway runs right through 22 miles of the same property. Samples from this district have been assayed and return from 55 to 70½ per cent. bessemer iron with no deleterious substances. The iron lands further to the west have recently been very favorably reported upon, although there is but little actual ore in sight.—Algoma Miner.

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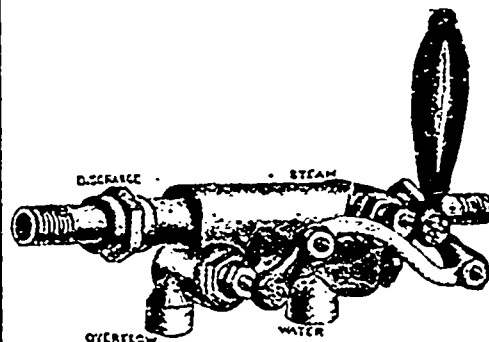
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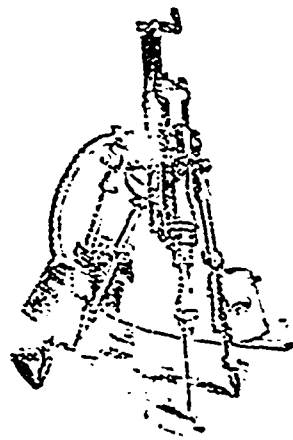
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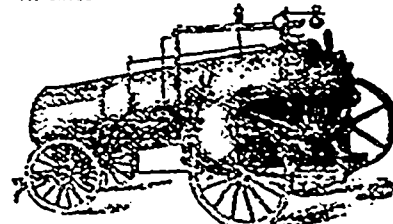
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