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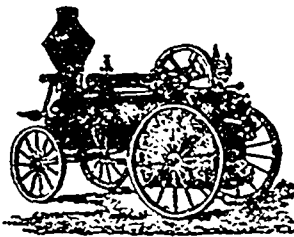
are at present situated. They have imported  
New Apparatus, and are manufacturing on  
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Chemical Laboratory, Dalhousie College,  
Halifax, N. S., July 31st, 1891.

Within the last few months I have pur-  
chased promiscuously, at RETAIL GROC-  
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**WOODILL'S**

**GERMAN BAKING POWDER,**

and have subjected same to Chemical Anal-  
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Fresh, Wholesome Materials, properly pro-  
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suited for family use, and has been employed,  
when required, in my own house for many  
years.

**GEORGE LAWSON, Ph. D., L. L. D.**  
Fellow of the Institute of Chemistry of  
Great Britain and Ireland.

## MINING.

### CANADA.

From Annual Statistical Number of The Engineering and Mining Journal.

By JOHN STEWART, M. E.

(Continued.)

**COPPER.**—Owing to the high price of brimstone in the early part of the year the entire output of the Capelton mines was shipped and the smelting plant of the Eustic Mining Company was not operated. The production of matte from the lower grade of pyrites has been of small amount. Messrs G. H. Nichols & Co. have operated their sulphuric acid plant and superphosphate works, besides shipping ore to the United States. A syndicate of Cleveland, O., acid manufacturers has done an extensive development work in the district north of the St. Francis River on the Howard and Moulton Hill mines and shipped ore to their works in the West, but operations were discontinued during the fall. About 80,000 tons of pyrites have been produced in the Capelton district during the year. The Leeds Copper Company, Limited (capital £450,000), was formed in May, being a reorganization of the late Excelsior Copper Company, and has worked the Leeds copper mine, (the old Harvey Hill mine). A crushing and concentrating plant and blast furnace have been erected and operated during the year, but some difficulty has been experienced in obtaining the proper flux for the blast furnace. How the small output from this mine is to bring dividends on the large capital is as yet an unsolved problem for the new directors of this undertaking.

**GOLD.**—In the Chaudiere district no alluvial washing has been done this summer, as parties interested are waiting until next year, when the old seignioral rights expire. Some prospecting was done in this district during the autumn and also in the Ditton district near Sherbrooke. At Campbell's Bay, in Litchfield Township, Ottawa Valley, quartz veins holding free gold are reported to have been found during the last season and have been prospected. The occurrence is said to be similar to the Malene ore in Marmora, Ont.

**SLATE.**—The New Rockland slate quarries and mill in the Richmond district have been operated throughout the year with a force of about 200 men, and it is proposed still further to extend operations and open that part of the property to the south of the present workings, known as the Prince Albert quarry. The Bedford quarry has been closed for want of sufficient capital to continue development. A vein of purple slate has been opened near Brompton Lake during the season. It is soft and well adapted for mill stock for mantles, etc. The market supply of slate and slate materials is not equal to the demand.

**APATITE.**—Some activity was manifest in the Templeton district during the early part of 1891, as the product of these mines can be more easily hauled on sleighs in winter than during the summer season. Among the properties operated are those of the East Templeton District Phosphate Syndicate, which has opened two shafts on a 4-ft. vein. The MacLaurin Phosphate Mining Syndicate, working 40 men, has produced 150 tons a month. The North American Company, with a force of 15 men, has averaged 150 tons a month. The largest output has been from the old Blackburn mine, which is now owned by Messrs Lorner, Rohr and Co., a force of 100 men produced about 150 tons a month in the early part of the season, which was increased to 700 tons in the fall. The old Jackson Rao Mine on west half of lot 9, in 10th range, was operated by Fee & McDunald, of Ottawa, and 8 cars of No. 1 phosphate were sent to Liverpool in July. Messrs MacLaurin purchased the Charlotte lots, in the 11th range Templeton, 300 acres, for \$5000. Mr. James MacLaurin, with 30 men is working the north half of lot 8 on the 12th range. Messrs Hector, McRie and Co., of Ottawa, have used a diamond drill on their property, lot 11, in the 5th range Templeton, and a plant of Ingersol steam drills, hoists, boilers, pumps, derricks, etc., was erected. Three hundred tons of phosphate were mined in July, and an electric plant for lighting and operating hoist and drills was installed. This company worked the old Fidelity mine on lot 12 in range 11, and prospected other lots in this and adjoining townships. Mr. James Cooper, president of the Ingersol Rock Drill Company of Montreal, organized the MacGregor Lake Phosphate and Mining Company, Limited, in Glasgow, Scotland, to work the Beneon property, but work was suspended in July. The General Phosphate Corporation Limited, worked the Murphy property and shipped 300 tons by barge to Montreal, and 80 tons in August. Mr. C. B. Falardean has worked the old Canada Industrial Company's property (the old Post mine on the east half of lot 9 in range 10) with a force of 25 men. Several hundred tons have been shipped, and 50 tons a month have been mined during late months of the year. The Flemming Phosphate Company has done development work on lots 26, 27, 28, 29 and 30 in range 4, Portland West, and discovered large deposits of red and green phosphate of high grade. This property is capable of extensive operations and large output, when the market warrants the construction of the necessary plant and tramroad to shipping points. The Netherlands Company worked two pits on lots purchased from the Templeton & Blanche River Company during the year with a force of 40 men, and made a satisfactory output. Messrs Fissault & Lapage, on their lots in range 4, employed about 22 men. A. F. McIntyre, of Ottawa, prospected lots 4, 5, 6 and 7 in the second range, Masham Township, near the Pêche village and one mile from the Cstineau Valley Railway, which is now constructed to this point. A deposit of workable extent has been developed in the property although it was given up by a prior prospector. At the old Gow mine in Hull Township a workable deposit of phosphate was discovered in working the aruber mica on this lot. It will be developed next season. Twelve companies and individual operators were at work in this district during the year, and considerable prospecting has been done in this and adjoining townships.

(To be continued.)