

Several of the old mines have been reopened to some extent, including the Ely, the Balrath of Melbourne, and certain areas in Leeds, Shipton, Bromie and Chester.

On lots 17 and 18, range III, of Weedon, iron and copper pyrite is found in veins, masses and grains in the country rock but the property is not yet developed.

The new belt of copper-bearing rocks which has been indicated by Mr. Dresser as occurring adjacent to the Maine boundary in the Megantic district, shows the presence of large areas of volcanics. Copper and iron pyrites were found on the line of the Canadian Pacific railway at the 189th mile post from Montreal, exposed in a cutting through a belt of rusty rock of twenty rods in extent. The central part of the cutting shows the pyritous ores in a belt about ten yards in width, but as the cutting is oblique to this strike the actual width of this is somewhat less. The country in the direction is as yet largely wooded and unopened, but Mr. Dresser thinks from the nature of these rocks that other deposits of copper ores will be found. This belt is probably in the line of that opened up in the townships of Risborough and Marlow on lots 1, 2, 3, ranges XIV, XV and XVI of the latter, and described in the Report by the writer for 1888-89, as carrying galena, pyrite and blende ores, with which also the somewhat rare mineral scheelite is found in considerable quantity. Scheelite, as ascertained by Mr. W. F. Ferrier, some years ago. At that time similar ores were reported as being found in the township of Spaulding and at several points in Ditton and Emberton, which are all within this fourth copper belt of the Eastern townships.

The Smith mine at Hogs Back mountain, near Knowlton landing, has, since the report for 1888-89, been further developed by sinking a shaft about 80 feet deep, and by a horizontal tunnel one hundred feet in length cross-cutting the ore body in the shaft at 50 feet from the surface. The ore carries from 1 to 7 per cent of copper with about 35 per cent of sulphur and a small percentage of nickel, and is a pyrrhotite. A considerable body of bog ore forms a capping over the main ore body and this has been shipped to the furnaces at Drummondville for the manufacture of iron. There appears to be a very large body of the pyrrhotite at this place, but beyond development work to a limited extent, but little mining has recently been done. It occurs along the contact of the diorites of the Hogs Back and Sugar Loaf mountains with the belt of black slates which traverses this district.

The Eastern
belt of
Megantic
area.

Smith mine
Lake Men-
phrenagog.