

that the auriferous lands in the counties of Beauce and Compton decidedly belong to the same geological formation as those of Nova Scotia.

Copper has been found at many points and notably at Upton, Acton, Harvey Hill and Capelton. The ores of copper seem to be scattered generally throughout the Quebec group and the members of the Geological Survey have expressed the opinion that it will be found even in Gaspé. Nearly all these copper ores contain silver, which also occurs in the deposits of galena at St. Francis, in Beauce, Moulton Hills, in Compton, in the neighborhood of Gaspé, at Bay St. Paul and other places.

Asbestos forms the object of extensive workings in Colemaine, Thetford, Wolfestown and Danville. All these mines occur in the great zone of serpentine or volcanic rocks, which stretch with some breaks from the Vermont line to Gaspé. In Gaspé, there are large tracts of these volcanic rocks, in which serpentine occurs so abundantly as to form several mountains, and everywhere, in these places, indications of asbestos have been found—very fine specimens having been obtained by hunters.

Chromite iron, another mineral of great value, is invariably found in the asbestos deposits. The deposits at Bolton, Ham, Melbourne and Mount Albert, in Gaspé, at Lake Nicolet and Wolfestown, are large enough to be worked.

The other more important minerals found in the province are the following:

*Nickel.*—On the banks of L'Assomption river, in the 11th range of the seigniory of d'Ailleboud, at Bolton, Sutton, and especially at Orford, where it has been regularly worked.

*Manganese.*—At Stanstead, Bolton, Sutton, Cacouna, St. Anne de la Pocatière, and in the iron ores of the St. Maurice.

*Antimony.*—At South Ham, where it occurs in workable quantities.

*Arsenic.*—At St. Francis, County of Beauce, Moulton Hills, in Compton and at Harvey Hill, in the county of Megantic.

*Molybdenum.*—At St. Jérôme, Harvey Hill, and especially at the mouth of the river Quetachoo, in Manicouagan Bay, this mineral is found in workable quantity, which is a very rare thing. It is enclosed in a vein of gneiss six inches in diameter and forms nodules of three inches and sheets with a breadth of as much as twelve inches and a quarter to an inch thick. This mineral is one of the rarest and most valuable.

*Slate.*—At Rockland, in the township of Melbourne and at Danville, where quarries are worked by two companies, who do a large business.

*Marble.*—At Dudswell, where a quarry is worked by a Sherbrooke company. This marble takes a very fine polish. It is of different colors: but the most prized is the "black and yellow", this last color being derived from the dolomite in the rock. There are other quarries of marble in different other localities: