

This ore occurs in pockets and lenticular masses near the contact of the Carboniferous and older rocks, on the southeast side of Jordan mountain and has been worked to some extent.—(See Report, 1878-79, p. 24 D). It also occurs under similar conditions in several places in the province of Nova Scotia.

*Ilmenite*.—St. Urbain, Bay St. Paul, Charlevoix Co., Que.

If this mineral be reduced to a fine powder and ground in oil it makes a gray-black paint with a strong body, and is permanent after exposure. It sometimes contains grains of rutile and, although this does not detract from its quality, it will of course help to make the black much warmer.

At St. Urbain, this mineral constitutes a bed ninety feet thick. About thirty years ago, blast furnaces were erected to smelt the ore, but were not successful.

*Cement-Stone*.—Quebec City, Quebec.

If this stone be reduced to a fine powder and then ground in oil, it produces a very good black paint, suitable for outside use. It has a fairly good body and is unchanged after exposure.

There are large deposits of this argillaceous limestone in the City of Quebec that have been worked almost continuously during the past forty years for making cement. See Report 1863, p. 805.

*Bornite*.—Leeds, Megantic Co., Que.

If this mineral be reduced to fine powder and then ground in oil, it makes a very good brown-black paint of a strong body, which lightens a little after exposure. If the mineral be roasted before it is ground in oil its colour is more intense and blacker; if these colours be mixed with white, their middle tints are purplish and their lower tints very warm grays.

Bornite is often associated with other ores of copper, as at the old Harvey Hill Mines in Leeds, where it is frequently mixed with copper pyrites, although large pockets of Bornite occur free from the yellow sulphide. This mineral is met with in several other places in the Province of Quebec. Parry sound, Ont., and Howe sound, B.C. may be cited as the more prominent localities where this mineral is known to occur, but it is found in other places in British Columbia as also in the Yukon.

*Magnetite*.—Haycock Mine, Templeton, Wright Co., Que.