

No. 1. VIGER COPPER MINE. Township of Chester, Lot No. 8, Range 6. Exhibited by A. Michel, Esq., Manager.

Large blocks of quartz, charged with yellow sulphuret of copper of the richest quality. This property which is now being vigorously and systematically explored, under the able superintendence of Mr. Michel, affords excellent prospects for successful mining. It is traversed by several copper-bearing quartz veins in chloritic and micaceous schist, which, apart from the quartz veins, yields rich vitreous copper in considerable abundance; the total thickness of the metal bearing rocks is 170 feet. The principal vein, which is of great thickness, has been explored over a length of nearly half a mile by shode pits and costeaus, out of which considerable quantities of ore have been incidentally obtained, yielding an average of three per cent metallic copper throughout the mass of the vein. An adit level, for which the ground is highly favorable, is now being driven to cut all the veins at a depth of 125 feet from the surface. This mine is 15 miles distant from the Arthabaska Station of the G. T. Railway, by the Craig's Road.

No. 2. GRIFFITH MINE, ASCOT, Lot No. 3, Range 11, John Griffith, Esq., Proprietor.

Large and fine specimens, (one weighing 506 lbs.) of yellow sulphuret of Copper in silicious slate rock. This mining location has been comparatively little explored, and has not been visited by the writer of these notes; but judging from the handsome specimens exhibited, it must be of great value. It is situated about six miles from the railway.

No. 3. CLARK MINE, ASCOT, Lot II, Range 7, Eleazer Clark, Esq., & Co.

Large and handsome specimens of yellow sulphuret of Copper and Iron in silicious schist. Also specimens of the ore dressed to nine per cent, (one of the specimens exhibited weighs 500 lbs.) This mine which has been vigorously worked for upwards of a year by a powerful American Company, may be regarded as a highly successful undertaking. Several beds, or rather *embedded veins* of Copper-bearing rock have been explored on the property; these are of great thickness, in some cases exceeding twenty feet, and are sufficiently productive to justify mining operations on an extensive scale. The overbearing beds are enclosed within walls of a different character, on one side talcose and on the other chloritic slate; the average value of the ore as extracted from the mine may be estimated at $3\frac{1}{2}$ per cent. The work has been hitherto carried on by open cuts, and may be regarded as somewhat of an exploratory character, nevertheless a very large quantity of ore has been obtained, and the mine proved to be permanently productive. Quite recently crushing and dressing machinery has been put in successful operation. An average of about 60 hands