

sandstone and slate, and the latter in a series of parallel embedded veins, extending over a breadth of 200 feet in chloritic slate. Considerable work has been done in exploring, but little actual mining has yet been carried on here. Three trial shafts have been sunk to considerable depths on the copper-bearing beds, and several costeens have been cut; all exhibiting the great mineral richness of the location, which may further be inferred from the fact that, apart from the quartz veins the ore is found impregnating the slate rock itself (dissociated from spar) in such proportions as would probably pay to mine. Such a band charged with vitreous ore gave to the assay of the writer seven per cent of metallic copper. This mine is about six miles from the railway at Richmond.

No. 17. MCKENZIE MINE, SHIPTON, Lot 22, Range 7, Thomas Mackie, Esq.

Specimens of purple ore or erubescite in dolomite limestone. — This lot has been only partially explored but is of good promise; many stones of rich copper ore being found on the surface, and a fair shew in the rock so far as yet examined. Two and a half miles from railroad.

No. 18. A cabinet collection of fine specimens of various ores and minerals from the Eastern Townships, &c., by Captain William Williams.

No. 19. A cabinet collection by Mr. Richard Long of Sherbrooke.

No. 20. SOUTH HAM ANTIMONY MINE, Lot 28, Range East Gosford Road, exhibited by R. Freeman, Esq.

Specimens of native antimony and sulphuret of antimony. — This mine has been worked for nearly a year, and with the most encouraging results. Six veins have been discovered on the property within a very limited area, some cutting and others running parallel with the rocks. The most important, which is a true vein 18 inches wide, cutting the rocks perpendicularly with good walls, shews a thickness of four inches of solid antimony ore and metal, producing when smelted 79 per cent pure metal. About 15 tons of the combined ore and metal have been obtained, most of it in large handsome blocks; three tons have been sent to England, and the result of this experimental sale has been so satisfactory, that the Company are now prosecuting the work of mining with considerable energy, twenty men being now employed, and preparations being made to dress and smelt the ore on the spot. — Thirty miles distant from railway.

No. 21. MARRINGTON MINE, ASCOT, Lot 6, Range 9, Captain Francis Bennett.

Specimens of rough and dressed copper ore. This mine was opened upon a thick bed or vein of mundic or bi-sulphuret of ore, shewing only slight traces of copper. It has, however, under the vigorous and judicious management of Capt. Bennett been tested