

have been employed since April last, of whom twenty have been steadily mining; the remainder employed in building, making roads, and constructing machinery. It is situated about one mile from the railway and in the immediate vicinity of Sherbrooke.— This mine is under the able management of Captain Richards.

NO 4. HAM COPPER MINE, HAM. Lot 28, Range 4, R. W. Hencker, Esq.

Yellow and variegated sulphurets of copper in dolomite; also dressed ore from the same mine, yielding 36.42 per cent. metallic copper. Here mining operations have been carried on upwards of two years, and a crushing mill, with dressing house and circular saw mill erected and put in operation, being driven by water-power, of which there is an abundant supply on the location, under a head of forty feet.

The band of dolomite is about 100 feet thick and is charged with copper ore for a thickness of thirty feet from its summit; the concentration of the ore seeming to be due to a twist in the stratification. Cupriferous quartz veins also occur cutting the beds, and yield very rich and handsome specimens of ore. A very large amount of excavation has been done at this mine to prove the nature and extent of the deposit, and several tons of very rich ore have been incidentally obtained. There can be little doubt that this mine will prove permanently valuable. It is situated about 19 miles from the Arthabaska Station of the G. T. Railway. There is an abundant supply also of valuable building timber on the property.

NO. 5 BROMPTON GORE COPPER MINE, BROMPTON, Lots 28, 29, Range 9, G. R. Robertson, Esq.

Several large masses of purple and vitreous copper ore in impure or mixed serpentine, associated with magnetic and chromic iron. In this rich mineral district the rocks are singularly varied and in a condition highly favorable for the aggregation of metallic deposits, which occur both subordinate and cutting the stratification. At the mine in question, several of these veins have been opened upon, but the work hitherto has been confined to the surface, no regular or extensive mining operations having as yet been instituted. A vein of rich purple ore five feet thick, between well defined walls of serpentine, and cutting the direction of the rocks of the country, has been opened to some extent, and affords most excellent promise for successful mining. An average sample of the whole rock moved has been assayed by Dr. A. A. Hayes of Boston, and found to yield 15 per cent metallic copper. Other veins running with the stratification have been partially exposed, and all tend to shew the extreme richness of the location in mineral deposits. It is situated six miles from the Railway Station at Brompton.