present to be about 4 per cent. of metallic copper for a width of 16 inches. Some parts of the vein carry crystals of dolomite, a matter of considerable importance. This vein (No. 3) is remarkably well defined, and gives promise of yielding very rich ore in its future working. There is a fine lot of specimens taken from it in the tool-house, and fair samples of them have been exhibited in Boston. In the very eastern portion of the property the rock is a thick-bedded chlorite schist, carrying veins of white quartz and chlorite. No. 4 vein crosses it, or the one explored upon the Johnston and William Emery lots; dolomite is mixed with the copper and mundic in greater amount than in vein No. 3. This will make the best smelting ore upon the property. The hill is higher here than elsewhere upon the property.

The rock is pretty hard to drill on vein No. 3, and for the depth of eight fathoms will cost $80.00 per fathom; stoping will cost $1.25 per square yard at least. It will be softer at veins 2 and 4. The amount of copper in No. 3 (viz., 16 inches width of 4 per cent. ore) is sufficiently great to render the working profitable. A well-built dwelling-house and barn is situated upon, and belongs to, the property. One road from the Massawippi outlet to Sherbrook passes through your property. You are 8 miles from Sherbrooke, 7 from the Lennoxville Smelting Works, and 2 miles from the proposed outlet station of the Massawippi R. R., which is to connect the Passumpsic R.R. at Newport with the Grand Trunk R.R. at Waterville, C. E.; you are thus conveniently situated with respect to the transportation of your ores to Boston or the Lennoxville Smelting Works. (See the map accompanying this Report). Any one of the four veins can be conveniently drained by adits, — Nos. 1 and 2 by the same one. I am inclined to believe that these two