

REPORT OF CHAS. T. JACKSON, M. D., GEOLOGIST AND STATE ASSAYER.

GENTLEMEN: In accordance with your request, I visited and examined the Harvey Hill Copper Mine, during the first half of the present month, and have now the honor of reporting my observations.

SITUATION OF THE MINE.

Harvey Hill Copper Mine is situated in the township of Leeds, Megantic County, Canada East. According to the large government map, its latitude is 46 deg. 15 min. North, and longitude 71 deg. 14 min. West. The mining land you have arranged to purchase comprises Lots 15, 16, and 17 of the 15th Range, principally Lot 17 in the 15th Range, on which the work is carried on, or so much of those lots, with so much of the other lots as may be agreed upon, as will make up with the opened mine 500 acres of land, each concession lot comprising 200 acres.

The country around the mine is moderately hilly, is partly cleared and cultivated; the region is not thickly populated, but scattered farms, owned mostly by English settlers, occur here and there along the way and around the mines.

The mine is sixteen miles in a direct line from the Grand Trunk Railroad to Quebec, twenty-one by the nearest road yet opened, and about thirty miles by the common roads. To Craig's Road Station the distance by the old road is thirty-two miles, and twenty-one miles by the new road now in course of formation from the mines to the Methot Station on the Grand Trunk Railway. In a direct line Quebec is forty miles north of this mine.

GEOLOGY OF THE DISTRICT.

The rocks of Harvey Hill are talco-argillaceous slates, of the Taconic group, and are styled in the Canadian Geological