

## REPORT OF HERBERT WILLIAMS.

HARVEY HILL MINES,  
LEEDS, 17th April, 1863.

DEAR SIR: I have much pleasure in complying with your request, by submitting to you the following Report on the Harvey Hill Copper Mines, situate on the 17th Lot, in the 15th Range, in the Township of Leeds, in the County of Megantic, Canada East.

The nature of the metalliferous deposits discovered here, as well as the geological structure of this part of the country, has already been carefully described by Sir W. E. Logan, in the Geological Report of Canada for the year 1858, as also the works then in progress, with a view to proving, in a downward direction, the nature and value of the rich cupriferos deposits discovered cropping out at surface on this property. The accompanying plans and sections will show the nature and extent of the exploratory work executed on the property up to the present time. The adit marked (D) on plan has been driven, altogether, about 248 fathoms, and although some quartz courses have been met within it, similar to those found at surface, they do not appear to be in any way connected with each other, as, by explorations upon them from the adit, we find them to thin out, both vertically and horizontally.

## UPPER BED.

One of the quartz courses met with in the adit was found to lie immediately under the upper interstratified bed, at the point of its intersection with that driftage marked (b). It carried some very rich vitreous copper ore, whilst the bed itself presented scarcely a trace of copper, and could only be distinguished from the adjacent slates by its characteristic light gray color, and the amount of quartz and chloritoid distributed through it.