

be carried to the river on this road, and be dressed where the supply of water is abundant.

The ore can be dressed by water only during the spring, summer and fall months, say from May to the last of November.

Heretofore the want of water in sufficient quantities has prevented the dressing of much ore.

There are some other shafts in other parts of Harvey Hill mining district, which, owing to the violent storms and great depth of snow, I could not visit. They are the Fremont shaft, 21 fathoms deep; Harvey's Hill, 11 fathoms deep; No. 1 "Grass shaft," 15 fathoms deep; No. 2 "Grass shaft," 27 fathoms deep.

On Harris's lot, two miles from the Harvey Hill Mine, is the Victoria Mine, where a shaft, 11 fathoms deep, has been sunk in a coarse soapstone or talcose rock. In this, native gold was found associated with copper glance, and carbonate of iron or brown spar.

At a suitable season it may be desirable to examine all these mines, since some useful information may be obtained, applicable to your mines, and to the region generally. They also show how extensive are the deposits of copper ores in this region of the country, and indicate the locality as truly a mining district.

By the new road to Methot's Mills, now in course of formation, the distance to the railway will be reduced to 21 miles of good road, which will reduce the cost of hauling the ores to that station to about \$4.50 per ton, or to half of what is now paid.

I am also informed that water power, adequate to moving the stamping and crushing machinery, may be readily obtained on Palmer's River, at the point where the proposed tram road will terminate. This will reduce the cost of dressing the ores very considerably, since the expense of fuel will be saved, and also attendance on the steam engine, with all its costs.

From a consideration of all the data, I am of opinion that the Harvey Hill Mine may be wrought at a large profit, and that the supply of copper ores within reach of mining opera-