

On washing 315 grains of the same sample, I obtained 112 grains of nearly clean copper ore and iron pyrites, which I think will yield from 15 to 20 per cent. of copper.

I have been informed that gold has been found not far from this mine by washing the sand and gravel of the small streams, but I have not seen any of it got out, and the season was not favorable for such explorations as would be required to search out deposit gold, the snow covering much of the land and the streams being frozen.

I am informed that the area of land belonging to the Hatley Hill Mine purchase is 100 acres, and that the lot is nearly square. A linear survey is required. I would advise you to have this lot searched for other copper veins by trenching the shallow soil across the strata of rocks, for all the veins are embedded between the strata and follow their course, hence these cross-cuts will bring their outcrops to light. There may be richer veins on the lot, which may thus be discovered very cheaply. I believe that this will turn out a valuable mine.

Respectfully,

Your ob't serv't,

CHARLES T. JACKSON, M. D.,

*Geologist and State Assayer.*