

March 4. 1871

My dear Sir,

Thanks for the specimens of rock just sent. They are however rather too small to do anything in the way of quantitative analysis of the replacing minerals. One should have several ounces. As in the case of the N. B. specimen the mineral equals only 5 or 6%. It requires several grammes & all from the same mass of rock for to take a second sample & heat with acid might yield something different in composition (more or less pure) than the first. Thus you see I need at once a supply of dissolved materials sufficient for all my trials. I will however see what is in the pt. Clair's taking all you send me. The Pole Hill N. Brunswick turns out to be a hydrate silicate of aluminum with some magnesia

(By fusion.)

and primary of iron. A complete analysis
of a specimen with sand grains will
show it very basic. I have a secondary
band by an acid which will give it a
position nearly the sand grains. I will
probably send it you for Monday -
with analysis of the enclosing limestone.

As to the Mass. Institute of Technology.

I have no a copy of their last catalogue
having accidentally left mine in
Boston. A note addressed to the

Secy. Mass. Institute of Technology

Boston. Mass.

will secure you a copy.

Very faithfully Yours

T. Strong Wood

Principal Dawson

J. Hunt

McGILL UNIVERSITY ARCHIVES
ACC. NO. 221 33
REF. 34