



GEOLOGICAL SURVEY OF CANADA.

(Museum and Office, 76 St. Gabriel Street,) MONTREAL.

Heidelberg, May 7<sup>th</sup> 1887.

MCGILL UNIVERSITY ARCHIVES	
ACC. NO.	1010
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Dear Dr. Harrington -

I ordered your sections from Voigt und Hochgesang about a week ago, and enclose to you the list of them. I have now commenced my regular lithological work, and find that the more I work at it, the more extensive the science appears to become. There are a number of new methods recently introduced, which now enable lithologists to accomplish what before was quite impossible. Among these is a method, which is used a great deal here, of separating ~~method~~ minerals by means of their specific gravities. We have not yet completed the examination of your St. Ann's rock, it is however probably

a Minette. The pyroxene in my section of it shows a dark ring around the edge of the crystal, owing to the fact that the crystal when about to complete its growth made use of more ferruginous material than before. This has caused the elasticity planes in the two portions to have different inclinations to the axis. I like Prof. Rosenbusch very much indeed, he is a most pleasant man to work with. His lectures are from eight till nine every morning, and yesterday I heard Prof. Bunsen lecture at seven. I gave Prof. Rosenbusch your rocks, he is very much interested in the Canadian apatite deposits and has not seen your report on them. If you could spare a copy I am sure he would like to have it, and I would like to have a copy of the last report about the olivine, if you have one of the separate copies that you could let me have. There are a number of

curious customs about the lectures here. They, for instance, do not commence till ten minutes, or a quarter of an hour after the proper time. This is known as the "Akademisch Viertel". The Professor then walks in preceded by his Assistant with a tray of models, chemicals or whatever he needs to illustrate his lecture, and without any introduction and almost before he gets on the platform commences his lecture. With some Professors the students rise when they come in and go out of the room, with others they merely stamp on the floor. Such customs have had time to grow here for the University will shortly celebrate its Five Hundredth Anniversary. Prof. Rosenbusch thinks Dr. Haues about the finest and cleverest young man he ever saw, and the fact of my having a letter from him was a very good thing for me. The Professor gives

me fragments of any rock from  
a typical locality that I wish, so that  
I hope on my return to have a  
pretty good collection.

It would give me the greatest pleasure  
to do anything that I can for you  
over here -

I remain -

Yours very truly,

Frank Adams.

P. S.

My address is, care of  
Fran Preyer, Wittwe  
Hauptstrasse 30.

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f. Adams  
Middletown May 7/81