

St John N.B.  
13<sup>th</sup> Jan'y 1869

My dear Sir

I have gathered some of the black lead and plumbaginous shale which you desired to have and forwarded in a box which I have just despatched to the head-quarters of the Geological Survey at Montreal (Box 805) -

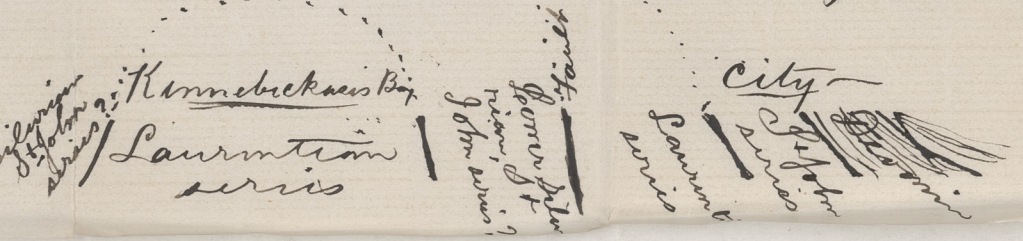
I hope you may be able to meet with some tissues in it. The bed and its associates certainly look as promising as many Devonian black slates further west, which they much resemble, but are more graphitic.

As bearing upon the age of these older rocks back of St-John I will give some of the results



of our summer-work, to which however I would not desire currency given till our report is presented -

and first we have found primordial trilobites in the Kennebeckasis in the midst of Laurentian and believe there is a trough of Silurian there containing the heavy limestones N<sup>o</sup> 1 of my series in "Azoic rocks &c" - You will recollect my speaking some time ago of Lingula in the Laurentian, these come from sandy shales (below the trilobite bed) which also hold two varieties of Palaeophycus. Perhaps you remember my first section of this district representing Silurian St John series folding over the Laurentian it should be something like this





We have met with a number of faults and overlaps  
in other formations  
such as there must be here during our work, and  
this shakes our confidence in the Upper Limestones  
(including the graphite bed) a little - Still I think  
they will prove to be good Laurentians. And I hope,  
if permitted, to spend a few days at the beginning  
of the next season in looking for Cozomac in this.

If you could make my work in this direction more  
sure by any hint upon the subject - not published  
I would feel indebted  
and remain very sincerely yours

G. M. Patton.

L. Selwyn  
Boston  
Mass.



Matthew

Ray

*[Faint, mirrored handwriting, likely bleed-through from the reverse side of the page.]*

City  
10/20/18  
L. J. [unclear]  
L. J. [unclear]

10/20/18  
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