

Dr. Binney  
& note

July 1906

293 University St.  
Montreal.

July 23, 1906

Dear Dr. Binney,

I have to thank  
you for your kind New-  
Year's letter and can assure  
you that your kind wishes  
are cordially reciprocated  
by Lady Dawson and  
myself.

I have seen your con-  
tribution in July number  
of Geol. Mag.; but think  
it does not touch my  
argument. I made no

Jan 23/16

24th March 1916

Dr. H. M. ...  
...  
...  
...

objection to the change of  
 pyroxene into serpentine  
 indicated it took place,  
 as similar changes do  
 in the sea-bottom rocks,  
 while the deposits were  
 recent, and not as a  
 metamorphic change after  
 consolidation, and I referred  
 to the filling of chambers  
 with pyroxene as occurring,  
 but probably also a  
 case of ~~recent~~ filling with  
 fine mud when the sea  
 port was in process of formation

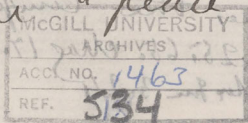
As to the unlikelihood of  
pyroxene ash being deposited  
without other silicates, you  
will observe that in the  
same paragraph I refer to  
a thick and continuous "beds  
of pyroxenite as occurring in  
parts of the Grenville Series;  
and though I have called  
them "Coarse" they are not  
probably <sup>aluminum</sup> ~~up~~ <sup>rich</sup>, though of  
gray <sup>or grayish green</sup> instead of white color  
and more coarsely crystalline.  
They occur interstratified with

gneiss, schists and limestone,  
X Hunt Geol. Canada Series the Amphibole  
free from as Sil 54, 20. June 25; 65. Mag 17.02  
Peter Jan 3, 24

and are probably consolidated  
ark-beds. The very peculiar  
joints in the occurrence of  
the pyrites at St. Pierre  
are its nodular and irregular  
disposition, its fine grain  
and white colour. I do  
not propose to make any  
reference to these explanations  
in the Geol. Magaz.; but should  
my papers be reproduced here  
may add an explanatory note.

I hope all the "rumours of  
war" will prove unfounded and  
we may at least pray with good  
King Hersekeah that there may  
be "peace in our time."

Truly yours  
Geo. Dawson



\* Dr. Dmney has objected (Geol. Mag. Jan'y 1896) that there is distinct evidence in some of his slices of the change of Pyroxene into Serpentine. My constant opinion however was that such change, if it occurred, must have taken place while the deposits were recent and not after they were consolidated. And as to the question of heavy, pure Pyroxene being deposited in the Lamentum sea, the great beds of pyroxenite found in some parts of the Glenville series is a ~~fact~~ furnish a sufficient answer.

Yale University  
Geological Department  
New Haven, Conn.  
JUN 10 1896  
A. J. S. P.