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and  
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Halifax N. S.

Aug. 27<sup>th</sup> 1879

Dr J. W. Dawson F.R.S. &c  
Dear Sir

I have received yours of the 15<sup>th</sup> with  
enclosure for which I am obliged. In answer to  
your questions I would beg leave to say.

1<sup>st</sup>. The so called Trap I have always in my mind  
considered as including all the rocks giving shape to  
ore basins. and have made no distinction in my  
notes beyond entering them as giving no dip or a dip  
of obscure value - There are however some masses of  
felsitic rock in Cameron's & Thompson's Brook which  
may rest on these so called Traps - but I never really  
went into the question as it would have required an  
expenditure of money.

This is a copy of my note on a Conglomerate found  
back of Melville's (the treatment most marked on our  
tracing)

"*Green* Conglomerate of a grayish purple colour - showing  
uneven planes of bedding - composed of stones up to the size  
of an egg united by a silicious cement - some of the  
pebbles resemble gray trap (ie the rough lava of  
modern date of a porous nature but rather  
more compact) others are red sandstone, gray  
quartzite - quartz frequently banded with agate,  
clinite - blue slate - I did not observe these



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Conglomerates in situ till <sup>in</sup> the upper part of "Hammonds Brook." The other exposures on the East side of the river of this rock are very similar. They are certainly not L.C.

About one mile north of the Western end of the ore in the Weaver district is a bed of Conglomerate - near Alex McDonald papers - "Contains pebbles up to size of a bean - round - oblong - rectangular rounded - Brown & greenish sandstone - flesh coloured quartzite quartz - white & gray feldspar. yellowish <sup>bluish</sup> clay slate united by a brown silicious cement"

These are succeeded to the south by nearly a mile of black blue slates vertical - (which resemble in fact are the continuation of those at the weavers) I think the Congl. underlies them - Possibly these Conglomerates may mark a change of condition of deposits over the district.

2. I have seen no Conglomerate resembling the above in the mass separating Ross ore from Thompsons brook - Here the parts of the Trap present a brecciated appearance - which may formerly have indicated Conglomerates -

3. You ask if I regard the Conglomerates & Quartzite as lower than the Hematite beds - I consider the Conglomerates described above as lower than the Hematites - altho they do not show every where



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below them eg. Blanchard & Ross —

Afly the word quartzite you refer to what I have called Trap (more to avoid confusion with Basalt) than from any idea of its nature — It underlies the hematites & determines their bounds — There are beds of what I thought quartzite intercalated into the feriferous strata —

4. There are two beds of them at Blanchard — I have seen no trace of a second overlying bed at ~~Blanchard~~ Webster — I have not (as you will know from my instructions made any prospecting for it.)

The McKenzie red hematite of the Kentworth fault may represent this 2<sup>d</sup> bed but the measures I think undulate between ~~the~~ it & Webster —

I have considered that it was the representative Webster one — This however would require a set of levels — to determine its horizon — exactly —

It may be that here as elsewhere one bed of one becomes enched as the expense of another, that is the force or agent forming them may be of equal intensity but concentrated at <sup>one</sup> point and at another spread thro some spaces of vertical measures forming ~~one~~ two or more beds.



I trust the above answers may be of service to you - Dr Honeyman has been paying a visit to the Clementsport district - I see that he has been laying his map & paper thereon before the Council of the Institute,

I am sorry not to have had a chance of seeing you during your visit to the Province this summer. I have just returned from a visit to the 15<sup>th</sup> M stream - There is a large mass of granite between it and the Corner of the 3 Countries -

There I dare say you have never been tempted to pay that place a visit & it is rough enough to keep any one away.

A promising gold lead has been discovered within the last few days on the South Branch of the Musquodoboit River.

With apologies for making such a voluminous letter believe me

very truly yours

Edwin Gilpin



I trust the other arrangements will be successful  
you - R. Thompson has been packing a visit to the  
Generalist first subject - I see that he has been saying  
his work & paper thereon refers to Council of the  
Abolitionists

I am sorry not to have had a chance of  
seeing you during your visit to the States this  
summer. I have just returned from a visit to  
the 18th steamer - there is a large amount of  
between it and the crew of the 3 countries -  
I have had a chance to see you here but have been  
so busy that I have not had a chance to do so.

Wm Lloyd Garrison  
to Mr. Wm Lloyd Garrison

A copy of the paper has been forwarded to the  
the day before on the 10th of the month of the  
the day before on the 10th of the month of the  
the day before on the 10th of the month of the

Yours truly,  
Wm Lloyd Garrison

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