68 Cannon St West
Hamilton July 25 1879

J W Dawson Esq

Dear Sir

I send you a few specimens of Rhomatopora that I have lately found in the upper Niagara limestone some fifty feet above the chert beds as seen at Hamilton from the quarries about two and a half miles from the city on the Hamilton and Port Dover road Sir W Logan in his survey speaks of the Guelph formation as ~~would~~ probably feather out about this locality, along with these specimens I find Stromatopora Ostiolata The band in which they are found is almost made up of these forms most of them attached to a favosite They are all very badly preserved and it is difficult to get a specimen showing the structure I first thought that the star forms might be caused by crystalization or fossilization but I have since polished a number

of specimens and find that the star forms are identical showing five rays and sub branches I have one specimen from a large specimen on which the star form is situated on the top of raised eminence very regular in distance and form I loaned this specimen to Dr Spencer of the College here he is away from home so that I could not send it to you I should have liked to have sent you my best specimen but it would have put you to the trouble of sending them back The star form can only be seen perfect when the fossil splits in a line with the laminae they appear to be radiating canals but the stone is so crystalized that it will not bear a high power glass I send you a piece of the stone in which they are found also a piece of the fossils to which they are attached If I can get better specimens I will send you them

Yours respectfully
Chas Walker