

Dr. Dawson. F. G. S. F. R. G. S. &c. &c. &c.

my dear Sir,

Sydney. C. B. Sept. 11. 1869.

Please accept thanks for your esteemed favour of 29th ult. after all I suppose it would be quite useless for me to ask Dominion Government to recognise my claims - but do you not think that Sir W. G. Logan & yourself could recommend that I be remunerated if I furnished an additional map showing the work &c made from the claims to Sydney, and on Miré road &c. ⁶⁻² if I got Mr. Lyman to finish it. - I know well the years of valuable time - and the large amount of money it must have cost you to gather all the facts &c which you have given in your truly valuable work and labour of love.

I would not even attempt to correct you in any of your statements.

I think there must a great error on part some one in giving position of Gardiner as 597 feet below the Long Beach bed, ^{or rather or 2.10 coal bed at low Bay} I should not be at all surprised if it proved to be above the last named bed. I cannot yet give you any positive information for as you well say "many uncertainties exist" - I happened to meet Mr. Moseley the other day and said - "I have seen some fossils from that Gardiner seam, and should not be at all surprised if it proved to be the Spencer" he could not understand that, nor would I say so positively yet.

allow me to say that 'coal group' No 27.28 - may really exist as Mr. Moseley reports for Mr. Lyman took no account, I believe, of one or two quite thin wholly unworkable ^{coals} ~~veins~~ not very far perhaps from the place Mr. M. gives to these. They would be exposed in the cliff along the North side of Miré bay near the end of the headland. The six foot coal No 9 would also be seen there if it existed at all. It would appear by "Continuation of section" furnished you that borings had been conducted

which proved the coals to be as stated.

At page 418 note: "Mr. Moseley in a letter to the author &

"There must be a great error here - as the only seam discovered at Black Brook Cow Bay is Long Beach seam, and the Tracey is 2400 below that - as Mr. Lyman has shown - and Mr. Brown gives the Indian Cove seam as 450 ft. below "Sydney main coal"

I shall send you any fossil plants that I think may be new or interesting, and thank you for allowing me to do so.

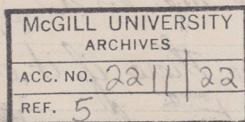
I am, my dear Sir,

respectfully,

Very truly yours,

Marshall Bourne

I presume that strike of the Gardiner seam was about north and south dipping north east - it is so if I am correctly informed, and perhaps it may be the Long Beach bed but it is after all uncertain at present.



M. Bourne
2/1/99