



School of Science
Toronto Mar. 13, 1899

Sir William Dawson,

Dear Sir,

It is a great pleasure to receive a letter from your own hand and I shall keep your note to me as coming from one of the fathers of Canadian geology. Your *Acadian Geology* and *Canadian Ice Age* are works that I often use and mention to my classes. The importance of marine action in connection with the Ice Age as shown in the latter work is of the greatest interest. It will, I am certain, be

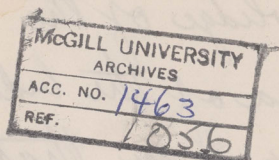
of value to add to our knowledge of the
Pleistocene flora and fauna of the beds
near Ottawa; but it seems to me that
£15 is a large sum to employ in simple
excavation to obtain fossils. Our experience
last year shows that a man employed
for ten days at a wage of \$1.50 per
day will, if properly looked after,
cover a large amount of ground.

I should think that probably \$25.00
would pay for all the simple excavation
required at the Green Creek beds.

On the other hand it is of little use
attempting to settle finally the problem of
the Toronto interglacial beds without
sinking a deep well at a locality
where the upper and lower boulder
clays and the interglacial beds of

both cold and warm climate occur. As well to expose
the whole series in what seems the most suitable place
in the Don valley would require to be at least 100 feet
deep and perhaps 120 feet. Our experience is that a deep
well cannot be sunk for less than \$1000 per foot. In this
account I suggest that the grant of £30 be divided
unequally, leaving so large a sum of money as possible for
the work on the Don, but leaving enough for the Green creek
beds to carry on a few weeks work at points chosen by
Dr. Anie.

Hoping that this arrangement will seem to you
fair under existing circumstances, and wishing you would write
to follow the results of the work. Yours very respectfully
A. Stelesman



But off 23
A. Coleman
Mch / 99

Penhallows
was under his
London. For
some

On currency Pen & Mrs
find that they agree that Jay
Bass will suffice to
collect in Ottawa on
Green creek beds, so
are willing that some
expense should be in-
curred 145- Jay all
1.20
\$1.20 to London as above
and 25- to Ottawa expenses
Pen to wife sufficient & James