

Spencer  
Luccan Post, Jul 11<sup>th</sup> 1888  
Ch. Knyle  
Luccan

My Dear Sir.

I arrived here  
Saturday night and found  
the instrument, for which  
accept thanks. Of course, I  
will be responsible, but thanks  
to your accepting temporary re-  
sponsibility, as this is early  
Monday morning I have not  
yet seen the instrument. I  
have just circled around here  
from a journey of over 400 miles  
in two weeks and a half, of which  
over 150 were accomplished on  
foot. Tomorrow, two of my  
old peddlers join me in  
the work, and taking a  
Carriage, we are going to Camp  
out.

Exclusive of ~~outlays~~ outlays

I had decided at first to follow out the enquiries  
back to get its connection with Lake  
Champlain Clay, before doing any work in  
Ontario, but I changed my mind plan  
and will not do that now, as desired to get the  
written equivalent of the view of the breeders as  
soon as possible & find they are continuous to  
the north (the melting the ice damms) and to find  
fitting the evidence of connection of Georgian Bay to  
Lake Ont.

L. also I will write with regard to the publishing.

I cannot be in Montreal by July 1<sup>st</sup> - not

before 15<sup>th</sup> or 20<sup>th</sup>

Agree thanks for instrument  
Yours faithfully

J. W. Spencer,  
J. W. S.

there are four beaches between  
Lake Erie and an altitude of  
900' above the sea.

But north of Lake Erie they were  
hard to follow as there were  
so many peninsulas and  
bays.

Another fact that you are  
probably unaware of is  
that all the higher ground  
above the bottoms of the  
lakes in front of the beaches,  
and after the bottoms them-  
selves are found to be  
composed of a drab or a  
blue boulder clay, wherein  
the stones are almost al-  
ways small <sup>and commonly splintered in part.</sup> with a few  
boulders. These deposits rest  
upon gravel, sand or  
glimmer sand. Again, these  
lower well stratified deposits  
are intercalated with beds

J. H. Spencer,

see 11 - D. 11 - 11, and 11's  
of 11.

of Stratfield Clay. There  
have been several sections; and  
from records of wells, often  
200 feet deep, in some localities,  
the bores say they have gone  
through gravel, quicksand  
with seams of "hard pan".  
These remarks apply to Southern  
Michigan ~~in~~ many places,  
and very rarely "black clays"  
common (in sections) does  
one see the hard blue boulder  
Clay. <sup>like that</sup> East of Toronto. These  
sands & gravels, below strong clay  
do not show the tumulous structure  
that may be seen in certain  
sands & gravels east and north  
of Toronto, where they are in  
masses, rather than in  
sheets, as to the South and West.  
The Southern part of the Ardenian  
gravels are beach deposits with  
<sup>in part</sup> a gravelly sub-coastal aquifer,  
Coastal plain of gravel. If the higher  
be found similar, they they are  
results of older beach deposits.