

the Calculus to the Astronomers
and he will seldom find himself
inconvenienced in consequence

A Civil Engineer in this domain
must be a man of muscle
as well as of mind, and training
to the duties of the field over
the hardships of Camp life shi-
bids no secondary place in
his curriculum. Engineers
who have been accustomed to
lay down their work on Ordnance
surveys cut but a sorry figure
when set down by their camp
fire in our American forests,
and their methods of procedure
in such cases are sometimes
exceedingly ludicrous.

When I in all respects up to
the standard required for the

Phonograph but thanks for "The
Story of the Earth as Man" safely received
and the copy from "Nature"



Quebec, N.S. Sept. 18, 76
Dear Sir,

Your valued favor of 15th inst.
is received this evening. Please ac-
cept my thanks for your kind and
flattering suggestions in connection
with the study of Engineering in
McGill. I am not aware of an
Engineer in the Lower Provinces
at present who has received his
training in a School of Engineering
if I except one young man who
was graduated last year at
King's College Windsor. My own
training apart from the regular
College ^{course} at Acadia which embraces

a pretty thorough drilling in the
higher mathematics, has been had in
fourteen years' practice in the
field and office in every capacity,
from Chairman to Chief Engineer
and in all departments of Railway
works from Explorations to Equipment.
Will you please my forwards
in suggesting that the practice
of Civil Engineering in England and
America from the very nature of
things are entirely irreconcilable.
The impatience of the latter class
the English system of Carvers and
among other things now happily
subsists on this side of the water

is most opposite to a mind
inducted with the decimal
system of measurements so that
the Minister of America, and I
appear to me, from the standpoint
of a practical Engineer that there
is a great deal of truth in the
statements, arrived at by Mr
Trotter of Philadelphia, of
some works on Engineering that
appear to make the practice of
the profession consist in verifying
the simplest processes in a
rational way of Calculus.
A thorough groundwork of
Mathematics is neither the
right hand of the practical
Engineer but as a general rule
he can afford to have none

will receive timely attention.

I shall not cease to regret that through my fault the rest of the production stamp has been lost to you. Had I had the most accurate idea that it would have been credited with nothing would have prevented me from taking charge of it. I hope however to make some amount by the recovery of another equally valuable.

I picked another Paper from the Paper Stamp yesterday

I will write again immediately after receipt of the Calceolus

I am ever Sir

Very faithfully yours

Wm Dawson Albus I will

Will
Sept 18



again at McGill I would be busy in training the classes of young men who look forward to the noble profession of Civil Engineering and in endeavoring to cultivate in them the enthusiasm which it aims to see this, now that any other profession is calculated to inspire

I have today in watching among the porcelan from the roof of our Chamberlain saw not but two large coprolites, one $\frac{1}{2}$ an inch and the other one inch in diameter. They were associated with Cordaites, Sigillaria, Cythere

a *Stacodites* to be seen from the
vertical very shallow water or
rather swamp conditions of
them common - *Seyllanica*
stamps are rooted at about
the same level - I cannot con-
ceive them to be thin than
aptidians more particularly
as I notice the absence of the
convolutions that mark the
fine *capodites* from the limestone.
I have also commenced today
to take down an interesting sig.
stamp which reaches to the base
of the drift from a coal some
12 or fifteen feet below. Through-
out the sandstone track but at
our side occurs a stem of a

boat 2 in. dia beautifully pre-
served the rings of growth are
radial markings, with a pit in
the middle dia being throughout
remarkably distinct. When
I reach the root of this stem
I hope to find conditions fav-
ourable for the catching of
specimens and reptiles.

We blew out three large stamps
on the Reptile reef but they car-
ried their heavy sandstone
tracks right down to the coal
and I fear that they will yield
of the drift from a coal some
two or three
yet remain in that reef and
several others on other reefs