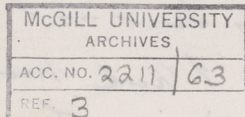


on the ground, who expressed his
firm conviction that my views
were correct.

The local Govt. men, have kept
me so busy this year, in putting
mining claims to rights, that I have
had little time to attend to the subject
in which I am chiefly interested, but
I think I have got hold of a few
important particulars, which when
studied on paper, may throw some
light upon our Quebec Groups.

With many kind regards
Love, My dear Dr. Dawson

Yours very truly
Alex^r Murray



Murray

St. John's Nfld

Oct^r - 22nd - 1897

My dear Dr. Dawson

I have your letter of
the 12th inst. and am glad to learn
that you received the Bin of Huronian
rocks all safe. With regard to the
fossil in question - viz. Arceidolites spiralis
you will find its occurrence in these
rocks, is noticed by Mr. Billings in
the Canadian Naturalist - Vol VI - p. 478
as being associated with another fossil
he described, and called Aspidella
Terrenewica - nov. gen. & spec. - I have found
these two forms in a great many
localities, ~~to~~ and invariably together,
in a slaty rock of usually nearly
the same mineral character. The strata

which hold the fossils, most undoubted
by under the mass of green and
red Gaultstones which form our
Signal Hill rocks; and quite con-
formably. The same strata are under-
lain, by a great mass of felsitic
~~slate~~ slate, which for the most part
is of a greenish color, but having
bands of red. At the base of all
them are breccias or conglomerate
beds, calc. beds, jaspery and cherty
bands; the former generally having
a slaty structure, and often bearing
a striking strong resemblance to our
Slate conglomerate in Canada. - There
may possibly be some ~~want~~ want of
conformity towards the base, although
I have looked in vain to make it
out. At the base of the Primordial
in Conception Bay, a conglomerate, made
up of the ruins of the above chiefly,

is succeeded by Black shales and
Limestones ⁱⁿ beds, or in lenticular masses,
which contain Percheronides and
^{most of} the characteristic types of
the base of Sil. system, and
between which and the position of
the Cophyton - Louisiana etc. there
is an accumulation of some
thousands ^{of} feet of strata. -
Nothing can be clearer than
the unimpaired relation between
the Haronian and Primordial in
Conception Bay - but it ^{is} more obscure
in Trinity Bay - as there the upper
Red Gaultstones of the former are
succeeded by a series of Red
Saultstones, ^{of the latter} which is overlaid by
Workable slates, which pass upward
into Black, green slates with Percheron
etc. etc. - I showed the structure
as I had made it out to Sir
William Logan when he was here