



Lake W. Gregor

March 3^d 1879

Dear Dr. Harrington

Many thanks for
your kind and interesting
letter of the 21st to hand
after considerable delay
the end of last week. The
box with Jircons was left
by the messenger who
mailed yr. letter but I
did not know of it until
yours came to hand which
I take it myself with the
mail to Ottawa. I also send

you some small white crystals
which I think are wollastonite;
but I have been so busy with
this work, and with breaking
in a new earth, that I
have not tried them. I saw
none like these before. I know
now some of the mineral I
called seapolite is really
Wollastonite and I will watch
closely. I have not seen any
magnetite in any of our veins
so far. though I have seen
some pieces with metallic looking
scalls disseminated through

the Phosphate, Kematite I
have not noticed.

I have a piece of partly
oxidized pyrites enclosing
Phos crystals also decomposed
whitish this boiled a short
time in water gives a quite
distinct yellow precip with
molybdate. I am putting
a piece into your box -

I have been shown a specimen
in Ottawa coming from
Templeton and said to be
Strontianite. I have seen a
good deal of stuff similar
but always considered

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J. J. Miller, Emporium.

is Calcite. The piece in question
gave no streak color in Blueish
flame but a very distinct
crimson when acid solution was
held in flame. Since I returned
here and consulted Dana I
have concluded it may be
allied to Monoxide for it
is mainly lime from its low
Sp. Gr. The only Barytite I have
seen yet is on Vol. 16, 12 of
which you have a specimen
but it appears more as a
vein in gneiss than as having
any connection with apatite
or pyrochlore. Thanking you
for y^r. long letter during hurried
travel for your good wishes I remain to
your sincere friend
John Miller