

Such as you formerly sent to me
- any I mean which bear on
on New Brunswick - I should
be glad to have them, as I have
lost every thing of that kind by
the fire.

If there is anything further
which you wish to learn respect-
ing the Lepreau mineral, please
write - In haste

Yours very truly
Matthew

Matthew
Saint John N.B.
10 August '97

Dear Sir

I have been
so much occupied with
work arising from the great
fire here (by which I was a
heavy sufferer, having lost
all my collections and library)
that I have not been able
as I had intended to supply
information for your new
edition of the Acadian
Geology. As however two
definite points come up in
your letter just received,
I hasten to give you a sketch
of ^{one} the anthracite discovery at
Lepreau. Small seams of
this mineral are mentioned
as occurring at Lepreau in
our Report published in 1870-1

and I last year revisited
the ground and examined the
deposit opened up by Mr. G. K.
Hanson the sub collector at
the outpost of Laprean. The
mineral occurs in a vertical
bed of 6-10 feet width in
sandy shales, olive colored, at
the summit of the Dadoyfon
sandstone - viz. on the horizon of
the plant beds of Saint John -
The mineral is granular, not
occurring, so far as it has yet
been traced, with the large con-
choidal fracture of the Pennsylv.
varian anthracite; but owing
to its numerous slickensided
surfaces it resembles these coals
somewhat when viewed at a dis-
tance of a few feet. Last
year Mr. Hanson had sunk a
shaft on the ~~vein~~ ^{seam} to a distance
of 50 feet or more and a large

mass of the mineral and the
^{immediately} accompanying shales were lying
on the bank near his excavation.
It crumbles readily owing to
its granular ^{condition} ~~nature~~ and the
shale, ^{immediately} associated with it passes
into a black mud. But the
coal is said to burn well by
some who have tried, yielding
however a large ash; and several
persons here are disposed to
give it a further trial.
If you wish to know its com-
position possibly Dr. Harrington
may be able to give you infor-
mation, for I sent an average
sample of the coal & shales
to him by request of Mr. Hanson
for analysis.

The Buxtonche discovery I
had not heard of before.

If you have any spare
copies of your scientific papers