



Lime Brook March 8th 1875

To John W Dawson

Dear Sir

Being engaged by Crawford and others last summer, I always allowed for to give you an outline of what was learned new in respect to our iron ores. but delayed fearing I might differ ^{from} Mr. Gelpin's report but in consulting with Howard Prinson he took on the matter as two different affairs

I will observe

1st at John Mc Donald (weaver) the ore held it's own very good - south of the pit sunk by J Mc Dawson the ore bed was over 20ft wide and so loose that the pick would break it all up, some of this ^{later} was sent to Hope well but none to Swandea

2nd North West of John Weaver at Archibald the strike of the blue slate is about 30 deg more to the west than at John weaver's instead of one ore band there is quite a number each of those bands as they leave the front (East) are very poor but as they go West they improve one of these bands I marked quartzite on some former papers I sent you turns out very fair ore three quarters of a mile back the dotted line on the sketch shows the position where each of the bands begin for to improve in ore; we did not explore further as the dotted ^{line} is near to the rear line of the mining sight

3rd I suppose it quite likely that more bands of ore than one will yet be found at John Weaver as each of those at Archibald is about 40 yds apart

4th
A

at Sadler Frasers there was two pits sunk
one at former exposure in the brook the other
north of the brook - the first pit was sunk
about 25 ft when the ore suddenly ceased
this pit was sunk some 15 ft more but no
ore the clay still held its own - the pit
on the north side of the stream contained good
ore but more clay mingled with the ore
on Joseph Mc Bays Land there was an
adit or tunnel driven 120 ft which did not
reach the ore band as I believe it was driven
parallel to the vein which could not be accom-
-moded on account of Grants disposition, the
crossed line on the sketch shows the line
of the junction or out crop of the Limestone

5th

--- I will mention two small incidents before
I am done of Fraser Sadler area when G
M. Dawson was working ^{here} I collected
about one bucket full of the reddest clay
for to make a trial for paint I conveyed it
home to the Hayburn to a place of safety
I observed shortly afterwards it was much
less I still further secured it - a few
days ago I removed it for trial but to
my surprise it was nearly destroyed
by mice their gnawing was as plain as should
it be tallow,

The next incident is
when sinking a trial shaft on Mr. Campbell
farm 20 ft below the surface there was
quite a number of coal fragments found
a very bituminous coal so much so
that they would ignite with a match

6th
A

on 108 - There is quite a number of exposures
to be found here, the ore leaves Ross and
Kenedy as shown by the dotted lines I failed
for to get a trace of ore between the dotted lines