

Lim Brook Dec 10th 1872

To Dr. Dawson

Dear Sir

I enclose a map of the Mineral district which is not very neatly done, yet I think will enable you for to understand the position of all the iron ore as yet known.

1st Specular ore is the first I will speak of you will see that a change of strike & dip of the black slate takes place after you pass archibald's farm looking towards glengary, a belt of white quartzite strikes across which causes a change of strike — I also miss all traces of specular ore nothing can be seen but the blue or black slate — now look at the place marked magnetic ore this bed was found by Mr. Donald ploughing pasture this bed of ore is not yet uncovered but shows full 60ft across and from ^{what} I saw I was led for to suppose that there was bands of slate mixed among it. This ore is so magnetic that a compass is of no value when close to the ore.

2nd

In the Limonite or brown Hematite I will only briefly speak of the localities George Dawson seen — at Mr. Gullerays boulders are plentiful and all along the Junction of the Carboniferous and Silurian rocks until D. Cameron's there I find it across the river at Mr. Donald's farm and J. Campbell's the boulders here are differing in shape they are blacker or darker shaded and more elongated some 3ft long 15 inches square and where the boulders are most plentiful is 150 yds East of the magnetic ore — it was only 2 days before the snow came this was found

3rd

ore at Bullens (Limonite) shows in large boulder across his farm in the blue or black slate the same

3rd con. Mr. Donald's at the Magnetic. the ore is very compact and hard - in the drag brook there a body of white Quartzite thrown up the ore shows on one side of this body. there are 2 small veins about 1 ft or 15 inches each close to each other and some other small streaks close by but not so hard or compact as on Ballens field the field is about 1/4 mile wide. No ore shows in many places from this I infer that there is not much depth of Earth on the rock or ore. the line of sight of search is very close to Ballens House

4th at Blanchard I did not find any thing of the ore as far as I searched I did not search on account of other business as close as I would like

5th the place marked coal indications is at J. Fraser No. 2ellons brook this place shows black shale and small pieces of coal mingled in the drift all burns readily there was no opening made here but I suppose the vein is small

6th at Webster's all that is new is that in the woods I think this bed can be found as indications ^{show} slightly to the north of the Strait Line between Webster & J. W. Fraser

Remarks

you will observe that placed on the map is the Simonite ore with the strike leading from the river and ^{the veins} only a small distance apart or that it will be found in chambers each containing a large quantity of ore

Donald Fraser