

Copy to Reuter

M<sup>c</sup> Gill College.  
Montreal.

July 1, 1842

My dear Sir,

I mailed on  
Friday a plan and  
Saturday notes of all my recent  
observations on the Pictou  
ores which I trust you  
have received. With them  
I enclosed a letter from  
Dr Henry Hunt who care-  
fully examined the  
specimens I had brought  
and expressed himself as  
impressed and pleased  
with their variety and  
richness.

The envelopes made  
and referred to in my  
original memo are  
different with Dr Hunt's

Testimony was given to  
show that the Spathe  
Iron the Limestone and  
the specular Iron of these  
deposits are of first  
quality for pure Iron  
and for steel. They  
are all rich and  
none of them contains  
any injurious impurities.

The Red Limestone  
of the great bed is not  
so pure as the other. It  
contains silica and  
being fossiliferous has  
both carbonate and

phosphate of lime in  
the form of shells &c,  
It will therefore be best  
suitable for steel; but  
will make an excellent  
ordnance iron. A little  
of it melted some years  
ago at the Albin Mines  
has gained a high local  
reputation for shoes for  
stamping mills, mould-  
boards of ploughs &c  
and it would probably  
be a good material for  
Railway  
Car wheels.

Mr Peckham mentioning  
this in my other paper  
had asked Mr Shaw  
to call on me. I will

Copy of Papers

be placed to give them  
by information in  
my pen

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