

Great Western Railway,  
Asst. Superintendents Office  
London, Ontario.

June 17<sup>th</sup> 1874.

S. C. Hendrickson Esq

My dear Sir

While at

Windsor last week, I  
am sorry to say that  
I was quite unable to  
get the Electric Semaphore  
to work properly —

The battery was put in  
good order, & worked the  
distant Semaphore all  
right, but I could not  
make the "repeating" arrange-  
ment work the indicated

at all - or in other words -  
I could not get an adjust-  
ment upon the 'repeated' that  
would cause it to ~~close short~~ <sup>close short</sup>  
Circuit when "resistance" came  
in - I could only account  
for this by supposing that  
'lightning' might have been  
into the "resistance coil" &  
made a short Circuit thro'  
it, but I did not have  
time to ~~ascertain~~ ascertain whether  
this theory was correct - I  
go to Windsor again today  
and will try again to get  
it to work, but am afraid  
there is something wrong  
which I have as yet failed  
to discover as I was entirely  
unable to discover the slightest  
variation in Circuit when the

assistance was introduced - If you can suggest anything in this connection I shall be glad to hear from you -

After your departure Mr. Minis seemed to take the Sydney Harbour Semaphore under his charge and issued a Circular putting them into practical operation - They soon after failed, & he then issued another Circular pronouncing them not reliable & ordered them dis-regarded -

I did not know of the first Circular until just as the second issued, and consequently had no chance to see what they were having a fair test or not - You have probably heard from Mr. Black as to this & their present condition - I incline to the opinion that you have endeavored to work too nearly with the minimum of both "battery" and "Weight" Power and that these should be considerably increased - I find the Windsor Semaphore occasionally binding so that the Weight is not sufficient -

Reliability in these signals is all important - A few cups of battery or pounds of lead are worth ten times more than -  
Yours truly  
Wm. Woodhouse