

On examining the specimens left with  
me by the Minister of ~~the~~ by the state the  
following results.

1 The specimen of which No 1 is a fragment  
contains - Numerous specks of Copper Pyrites  
and green carbonate of copper dispersed  
through a silicious matrix. No 2 which  
I suppose to be from the same locality consists  
of a slender quartzite rock with parts of a vein  
now attached to it. The latter has yellow &  
red particles of fine white quartz. - & copper  
pyrites. Both of these specimens are evidently of  
the same nature of a vein containing ore  
of iron & copper. - It would be ad-  
vantageous to examine it and if it be of any  
considerable dimensions to accept it to  
extract a little of its contents with the view  
of getting a better idea of the ore -

Even if it be very narrow it would  
be useful to examine along its out-  
crop - To ascertain if it contains or  
a distance from the point where it has  
been seen. The quantity of ore in  
the specimen sent is too small for a  
proper quantitative analysis but from  
the tests I have made it may be esti-  
mated ~~at about~~ <sup>at about</sup> 12 per cent of metallic  
iron. The quality of iron already used  
is valuable - It is quite like that  
the we send may be for a mine which  
contains more iron than copper ore in  
that case you might be able to work it  
for the iron and separate the copper  
in the process of smelting - If you further  
examine it you can get me a few  
ounces of the ore I will not a  
quantitative assay of it.



Determination of  
In chrysolite  
June 1849

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