

## Michigan Mining School.

Houghton, Michigan,

May 24 1891

I am puzzled to know  
just what line it has  
to which you refer,  
it was the one that con-  
tained the complaint  
to your handwriting!!!

My dearest Meemie:

Before your <sup>week</sup> mid<sup>week</sup> letter arrives I hasten to rise and apologise. This morning, as I was rummaging around in my trunk, near the bottom I found the much desired trousers. I feel once more like a respectable citizen, after having worn that moth-eaten garment so long, and can again appear in public without having to wear an overcoat to hide my tatters.

I am sorry you do not seem to appreciate my effort to be light-hearted and gay, and to make others so. Would you want to impose on me the task of "talking shop," after seven hours of it day in, day out, and do you think it would serve to elevate or inspire you? You must remember that the work we are doing is so much Hebrew to you. There is very little variety in it, even to us, one microscopic section being like a great many others. Here is a sample:

"Under the Microscope. Consists of a hypidiomorphic granular aggregate of quartz and feldspar. Accessory; iron oxides, chlorite, sericite, rutile(?) The feldspar is principally orthoclase, but some plagioclase occurs (Syn. ex. 16°-14°, 12°-13°, 17°-16°, 22°-15°) probably oligoclase, or more basic. (Twining after Karlsbad, Baveno, albite and periclinal laws). The quartz is for the most part clear, but contains inclusions of glass, with bubbles of air and CO<sub>2</sub>. A little interstitial mesostasis is present. The chlorite is slightly pleochroic (- ex.,



γ-α break, and + ex., blue polarization colors). The rock shows evidences of crushing, and is equivalent to Förnerbohm's "Grünschiefer." (Gf. Ros. II p. 147)

An olivine tholeiite or weiselbergite." That is a very fair sample of what we have to write most of the time, and I do not think you will be un-  
 reasonable enough to think that anything in it can form an entertaining sub-  
 ject in my letters for either of us.

As my writing for the next four  
 weeks will be confined to <sup>posted</sup> postals, and not often, at that, I fear, — ~~not~~ for  
 that time at least there will hardly be occasion for difference of opinion  
 on this subject. If I should make any discovery of interest, or come across any

thing unusual, you may be sure I should want you to share my pleasure at once.  
 \*letter just arrived. — in forgetfulness.

I would not think of being like Pres. E., Oh, no! Poor man! I did send him a copy of my  
 dissertation. Perhaps he threw it in the w.p. basket. I don't want "nice" mineral

cases, but the simplest kind of things, and as cheap as possible. My boxes must be  
 unpacked even if I do come back here, for there are many specimens I can use  
 both for investigation and for exchange. This subject leads to your inquiry about  
 spending Aug. at Wayland. Unpacking books and minerals, and repacking part of latter  
 will take a great deal of time, and I am afraid to encourage your project, as far  
 at least as I am concerned. You might get Grandpa and Aunt L. to go out with you, if you  
 can find a hired man, and I would come out as often as possible.

This is a very rambling letter in return for your dear one, Meeie, just rec'd, but  
 I suppose the fact of leaving in the A.M. has an unconscious effect on me. Am delighted to know  
 how happy you are in the new home, and hope to be there in two months. You'd better con-  
 sider my proposition to meet me somewhere on my return, and we need not take a long nor  
 expensive trip thro' the White Mts. Just think of being near Bethel again! We can have a second  
 honeymoon after nearly sixteen years! I forgot to say in my last "Hurrah for Kette!" Have you  
 written her? It looks now as if Lolotte would not get a letter for some time unless I write her  
 from Marquette. Good night. "Kisses" for you all. Ever your husband.