

Tolman Iron



STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 STATE OFFICE BUILDING
PORTLAND 1
July 8, 1953

Mr. David J. White
State Assay Laboratory
P.O. Box 417
Grants Pass, Oregon

Dear Jake:

This is in regard to the iron ore from the Tolman iron deposit. I asked Tom to run specs on three samples of the ore and enclosed are the results.


According to Rankama and Sahama, magmatic iron ores should be rich in phosphorus as the irons are formed during a comparatively late stage in the course of magmatic differentiation. Also, magmatic iron ores are rather pure, and they do not contain appreciable amounts of Ti and Cr. Sedimentary iron ores, on the other hand, are usually manganiferous, and they should contain minor amounts of V, P, As, Sb, and Se. The sedimentary iron ores are higher in Li than the magmatic. Tom tells me that his Se and P lines are no good, and the As line is okay at .1 percent and N.G. at .01 percent. On the basis of this information and in studying the spectrographic analyses, it would be my guess that the Tolman iron is of sedimentary origin and not of magmatic origin. What is your guess?

I forgot to mention in my last note to you that there is a fairly large sand and gravel plant on the South Umpqua just downstream from Canyonville and by the bridge at Ford's Restaurant. They appear to have a considerable quantity of sand and gravel stockpiled. As far as I know we do not have the information on this plant. Perhaps sometime when you or Len are in this area you might stop in for a few minutes and get the dope.

Don't let the hot weather get you down and for goodness sake don't get stuck in the only mud puddle in southwestern Oregon.

Regards to you and Len.

Sincerely yours,



Hollis

HMD:lk
Encl.

p.s. Li line is fair at 0.1%, N.G.
at anything below. atty

September 7, 1973

Mr. Bruce Manley
P.O. Box 327
Brookings, Oregon 97415

Dear Bruce:

Am enclosing the copied reports on the Tolman Iron occurrence. You will note the last owner was a Mrs. Vola Tolman, but Mrs. Tolman has passed away and we do not know the present owner.

Hope this will be of help to you. The copies are 10¢ a page, a total of eleven pages or \$1.10.

Best regards,

Norm Peterson

NVP:rep
Encls: 11 pages (\$1.10 due)