



**STATE DEPARTMENT OF GEOLOGY
AND MINERAL INDUSTRIES**

**702 WOODLARK BUILDING
PORTLAND 5, OREGON**

May 14, 1947

Mr. Hollis M. Dole
State Assay Laboratory
Grants Pass, Oregon

Dear Hollis:

When I was in Grants Pass last you will remember that we sampled laterite on the Rogue just north of Butte Falls. The alumina and silica content are given in sample P-5816 of the enclosed report. On the way back to Portland I sampled the transported lateritic material which you pointed out to me the day we went down Grave Creek. The results of analysis are given in sample P-5815. This latter sample had some unweathered pebbles and these pebbles were separated and analyzed as given in P-5818.

P-5816 is a true laterite and that area might stand a little further investigation, although I would expect that only a relatively thin section on top of the basalt still remains. Evidently the transported laterite north of Grants Pass has no commercial significance. I had Matthews run all of these samples for nickel and the nickel content was in all samples below .1 percent.

Sincerely,

F. W. L.

Director

FWL: jr
Encl.