

July 13, 1987

TO: File

FROM: Jerry Gray

SUBJECT: Trip report for 5/5/87 and 5/6/87 with Wendell A. Smith to visit clay deposits.

Wendell Smith is planning to build a plant to produce roofing tile. Before the bank will loan monies Wendell needs to have a clay deposit from which 5000 tons can be produced each year for the next 20 years. Two days were spent looking at clay deposits. With a little drilling 3 or 4 of the sites visited should have the size ore body that is needed.

The deposits visited are plotted on the Boswell Mt. and the Cleveland Ridge - 7½' quadrangle maps. The white clays appear to be altered Eocene sedimentary rocks. The red clays, except one, appear to be basalt flows that have been altered to laterite. One red "clay" located on section line between 27 and 34, T. 32 S., R. 2 W. appears to be an altered tuff next to an intrusive basalt. This deposit is very large. The rock looks like the source rock for the emery deposits if it were to be cooked a little more.

Wendell was told that he might want to look at his market before deciding where to build his plant. After that we would help with finding a source of clay for the plant which might well end up being in Portland.

JJG:jl