

PROJECT CONTROL SHEET

Project: Knorr kaolinite

Date: May 15, 1952

Owner: Floyd D. Knorr, Harold Christenson, Route 1, Redmond, Oregon

Location: Sec. 11, T. 16 S., R. 14 E., Crook County.

Reason for project: Material as submitted appeared to have possibilities as white firing clay.

Log of project:

Sample submitted by Knorr (5-15-52) (P-12728).

Chemical analysis: SiO_2 - 80.52%, Fe_2O_3 - 1.26%, Al_2O_3 - 12.70%, CaO - 0.20%.

Petrographic analysis: Fine grained aggregate of quartz and kaolin.

Sample to Albany Bureau of Mines (5-29-52) for thermal analysis and x-ray: mixture of kaolinite and quartz with small amount of calcite on fracture surfaces and trace amounts of fine grained rutile and siderite.

Letter and sample to Pifer, University of Washington (5-52). Reply (6-2-52): Cone 23, light firing, possible use in flue line shapes.

See also report in SIR file ("K-1952") by Pittsburgh Testing Lab. (discusses mineral composition).