

CLAYS

SANDOVAL COUNTY

Subject _____

C. P. Lesh Paper Co., Indianapolis, Indiana

101 Sec 29 T14N R3E **TDB.** White Meta- HLChina. {50
 101A. Bentonite. Chem & Phys. {100

108. NW $\frac{1}{4}$ Sec 6 PM $\frac{1}{2}$ DC. Cement Clay SW. Port. 25
 T. 12N. R4E.

109 NW $\frac{1}{4}$ Sec 6 " " "
 T12N R4E.

110. SW $\frac{1}{4}$ Sec 31 " Gray Shale. " 25
 T13N R4E.

111. Sec 22. T13N, R5E. " Tan Calc Shale. " 25

112 1 mi N Placitas " Gray Shale. " 25

113 " " Fire (2) " 25

100 Report by Ben $\therefore$ Re-check if possible

108-113 Age should be checked.

Alb. Brick & Tile has property in sandoval
look into this.

Indian Pot Clays?

Clay #101 Pale Cream meta-bentonite
County Sandoval Location Sec. 29,
T. 14 N., R. 3 E.

Silica	<u>55.72</u> %
Alumina	<u>15.34</u> %
Iron Oxide	<u>2.82</u> %
Titania	<u>n.d.</u> %
Calcium Oxide	<u>2.30</u> %
Magnesia	<u>4.30</u> %
Sulfur Trioxide	<u>tr.</u> %
Soda	} <u>1.10</u> %
Potash	
Phosphates	<u>none</u> %
Ignition Loss	<u>18.82</u> %
	<u> </u> %
	<u> </u> %

Total 100.30 %

Analysis by: S. W. Port. Cement Co.
Notes: SiO_2 by soda fusion & double
evaporation. No correction applied for
silica loss in R_2O_3 or R_2O_3 in SiO_2

SO_3 test on acid solution only; not
on fused samples.

Alkalies estimated from combined weight
of soda and potash.

Clay #30 "Present" Pit Tongue Brick

County Bernalillo . Location "N.E"

Abuquerque.. Analysis - F.C.M.S.

Silica	<u>49.98</u> %
Alumina	<u>19.50</u> %
Iron Oxide	<u>3.75</u> %
Titania	<u>1.04</u> %
Calcium Oxide	<u>6.02</u> %
Magnesia	<u>1.94</u> %
Sulfur Trioxide	<u> </u> %
Soda	<u>2.03</u> %
Potash	<u>0.87</u> %
Phospates	<u> </u> %
Ignition Loss	<u>14.47</u> %
<u> </u>	<u> </u> %
<u> </u>	<u> </u> %
Total	<u>99.60</u> %

F.C.M.S.

155-C-4

Cretaceous Shale lying
below (Stratigraphically) 155-C-1

Sample on south side of
highway 4 mi SE 155-C-1

80.

155-C-5,

Below and adjacent to
155-C-4.

South of highway 44
4.6 mi E of Bernellito Junct