

FIELD NOTES Illinois State Geological Survey

August 15, 1929 (1907.3e)National Fireproofing Company, Ottawa Hollow Tile and Fire Clay Pit 2 miles east of south side of canal Produce: 4,000 tons a month - 12 kilns Shale planer - round down draft 18 foot face At pit - Just east of O in Chicago, Sec. 7-T33N-R4E weathered shale, upper 6-8" soil, all included 2' in 4" shale, light gray, massive shale, same as below but highly iron stained 4" dark gray, massive, nonbedded shale, occasional 71 small pyrite concretions soft, gray shale, looks high grade, but is not 41 used because of sand 28" coal, lots of pyrite, gypsum and calcite, runs 13% sand - Mr. Fisher 41 fire clay - they mine this clay loading with a steam shovel The coal is hauled away in wagons and used for local consumption. The fireclay is ground and sold. g (continued next page) f e d Date 1929 By_H.B. Willman c b a Quadrangle_Ottawa 8765432 Sec. 7 T 33N R 4E County___LaSalle



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Clay Plants at Ottawa.

lst. Pit south of Rock Island track. National Fireproofing (?) Co.

Section showed coal about 2' thick below which was 2'-6' usually 4' or 5' of fireclay down to the sandstone. Above the coal mostly soapstone or drift. I could find no evidence of any limestone below the coal to indicate that this clay is of Cheltenham age.

2nd. Clay pits at Buckton.

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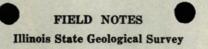
Chicago Firebrick and Retort Co.

Same condition as #1 except that thicker covering on the coal. Fireclay about 5' thick to 8 or 10'. The lower part well impregnated with sand so that it has much the the appearance of the colitic blue clay at the St. Peter - Magnesian contact. In the shale above the coal two fronds found.

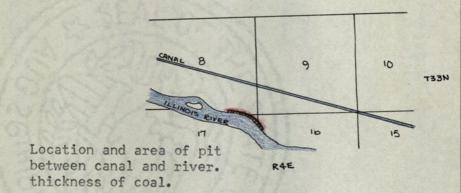
Fossil plants are abundant in shale both above and below coal. Absolutely no sign of limestone above or below coal.

3rd. National Fireproofing Co. at Twin Bluffs. Sandstone at bottom. Fireclay 8' - occasional flints found near the bottom. Sandy- yellow in color. Like putty clay at Utica pit. Coal 2'. Soapstone about 10' extimated the upper part used in mix. Yellowish gray shale about 10' contains few round concretions or ironstone. The grades upward into a bluish more plastic looking clay this extends upward 2'-4' and grades into a mixed up mass of clay concretions, limes<u>tone boulders</u>

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By G.H. Cady	Date 1910	
Quadrangle_Ottawa		87654321
County La Salle	Sec. ?	<u>T33N_R3E_</u>



This map was copied in part from a topographic map which contained the authors coments. His remarks shown in red.



Coal averages 28" thick.

