

FIELD NOTES

Illinois State Geological Survey

Clay Plants at Ottawa.

1st. 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.

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 oolitic 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' estimated 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, limestone boulders

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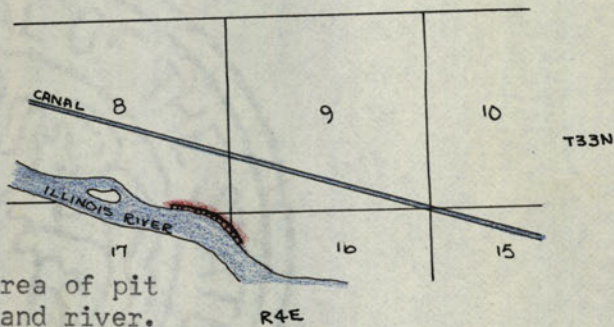
By G.H. Cady Date 1910Quadrangle Ottawa

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8	7	6	5	4	3	2	1

County La Salle Sec. ? T 33N R 3E

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



Location and area of pit
between canal and river.
thickness of coal.

Coal averages 28" thick.

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Quadrangle Ottawa
County LaSalle Sec. 17 T. 33N R. 4E

