ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation Boring Log

Sheet 1 of 2

ILL 13 & 127 Over Beaucoup Creek
Route: ILL 13 & 127 Structure Number: 039-0009 Date: 7/15/2003
Section
County: Jackson Location: 2.0 Mile South of Illinois Route 4 Checked By: Rob Graeff
Boring No 1-S
Station 2599+54
Offset 24' LT CL
Ground Surface 365.0 Ft

Surf wat Elev: 332.0
Ground Water Elevation
when Drilling 355.5
At Completion
Date: 21 Hrs: 362.5

DEPTH	BLOWS	Qu tsf	W%
Stiff, moist to very moist, gray mottled brown, Clay A7-6			
	2	1.4S	31
	2		
360.5			
Stiff, very moist, gray, Clay to Silty Clay A7-6	5.0 1		
	3	1.2S	27
	3		
358.0			
Medium, very moist, brown, Silty Clay A7-6	1		
	1	0.9B	26
	2		
	10.0 WH		
	1	0.7B	28
	2		
350.5			
Soft, very moist, brown mottled grey, Silty Clay A-6	15.0 WH		
	WH	0.4B	29
	1		
	WH		
	WH	0.3B	30
	WH		
	20.0 WH		
	WH	0.4B	27
	WH		
343.0			
Medium, very moist, grey, Clay A7-6	WH		
	WH	0.6B	30
	WH		
340.5			
	25.0 WH		

DEPTH	BLOWS	Qu tsf	W%
Very stiff, moist, brown, Clay A7-6	3	2.3S	27
	3		
338.0			
Stiff, moist, brown, Clay A7-6	1		
	2	1.3S	26
	3		
30.0	1		
	2	1.7S	40
	3		
	1		
	2	1.9S	26
	3		
335.0	1		
	2	1.4B	27
	3		
328.0			
Very stiff, moist, brown, Clay A7-6	1		
	2	2.3S	24
	4		
326.5			
Stiff, very moist, brown, Silty Clay A7-6 with a Sand and Gravel Layer	40.0 WH		
	2	1.1B	26
	2		
325.5			
Stiff, moist, brown, Clay to Silty Clay A7-6	45.0 1		
	2	1.6B	20
	4		
315.5			
	50.0 1		

N-Std Penetr Test: 2" OD Sampler,140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Route: ILL 13 & 127
Section:
County: Jackson
Boring No: 1-S
Station: 2599+54
Offset: 24' LT CL
Ground Surface: 365.0 Ft

Sheet 2 of 2
Date: 7/15/2003

DEPTH	BLOWS	Qu tsf	W%
Very stiff, moist, gray, Clay to Silty Clay A7-6	3	2.4B	24
	4		
310.5			
Very dense, wet, gray, very fine Silty Sand with Silt Loam Layers 68% Sand 21% Silt 11% Clay	55.0 WH		
	WH		24
	1		
305.0	60.0 3		
Hard, dry, gray, weathered Clay Shale	8		
	33		
302.0			
Hard, dry, grey, Clay Shale	100/6"		
300.0			
Bottom of hole= 63.0 ft..			
Free water observed at 9.5 ft.			
	65.0		
Elevation referenced to Bk. Pier 1 Sta. 229+95 Elev. 367.6 ft.			
To convert "N" values to "N60" values multiply by 1.26.			
	70.0		
	75.0		

DEPTH	BLOWS	Qu tsf	W%
	50.0		
	55.0		
	60.0		
	65.0		
	70.0		
	75.0		
	80.0		
	85.0		
	90.0		
	95.0		
	100.0		

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BORING 1-S