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: 039-0008 Date: 7/9/2003

Section: Bored By: Bryan Keller

County: Jackson Location: 2.0 Mile South of Illinois Route 4 Checked By: Rob Graeff

Boring No 2-S
Station 2600+29
Offset CL
Ground Surface 366.3 Ft

Surf Wat Elev: 352.0
Ground Water Elevation
when Drilling 353.8
At Completion
At: 120 Hrs. 355.8

DEPTH	BLOWS	Qu tsf	W%	DEPTH	BLOWS	Qu tsf	W%
Hard, damp to moist, grey, Silty Clay to Clay A7-6				Medium, very moist, grey, Clay to Silty Clay A7-6 with some Rotten Wood	WH	0.7B	32
				338.3	WH		
	1			Very stiff, moist, brown, Clay A7-6	1		
	4	4.1B	22		2	2.1S	28
	5				3		
361.8				336.8			
Stiff, very moist, grey, Clay to Silty Clay A7-6	1			Stiff, moist, brown, Clay A7-6	1		
	1	1.1B	26	30.0	2	1.9S	35
	2				2		
358.3				334.3			
Medium, very moist, brown mottled grey, Silty Clay A-6	WH			Very stiff, moist, brown, Clay A7-6	1		
	2	0.7B	26		2	2.1S	24
	1				4		
356.8				331.8			
Medium, very moist, brown, Silty Clay A-6	WH			Medium to Stiff, very moist, Grey, Clay to Silty Clay A7-6	WH		
10.0	1	0.6B	26	35.0	1	1.0B	26
	1				1		
354.3				326.3			
Soft, very moist, brown mottled grey, Silty Clay A7-6	WH			Stiff, moist, brown, Clay A7-6	WH		
	WH	0.4B	27		2	1.4B	31
					3		
15.0	WH			43.0	1		
	WH	0.4B	29		2	1.5B	30
	WH				3		
349.3							
Medium, very moist, brown, Silty Clay A7-6	WH						
	WH	0.5B	26				
	WH						
346.8				321.8			
Soft, very moist, grey, Clay A7-6	WH			Medium, very moist, brown, Clay A7-6	WH		
20.0	WH	0.4B	29	45.0	1	0.8B	22
	WH				2		
344.3							
Soft to medium, very moist, grey, Clay to Silty Clay A7-6	WH						
	WH	0.5B	20				
	WH						
341.8				316.8			
	25.0	WH			50.0	WH	

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

Sheet 2 of 2

Route: ILL 13 & 127
Section:
County: Jackson

Date: 7/9/2003

Boring No: 2-S
Station: 2600+29
Offset: CL
Ground Surface: 366.3 Ft

DEPTH	BLOWS	Qu tsf	W%		DEPTH	BLOWS	Qu tsf	W%
Stiff, very moist, grey, Clay A7-6	2	1.3B	28	Bottom of hole = 72.5 ft.				
	3							
				Free water observed at 12.5 ft				
				Elevation referenced to Bk. Per 1 Sta 229+95 Elev 367.8				
311.8				To convert "N" values to "N60" values multiply by 1.25.				
Medium, very moist, grey, Silty Clay A7-6 with Sand Layers	WH				60.0			
55.0	1	0.8B	27					
	1							
308.8								
Soft, very moist, grey, Silty Clay Loam A-6 with Sand and Gravel Layers	-				65.0			
60.0	3	0.2P	18					
	6							
304.3								
Hard, dry, grey, Clay Shale	100/7"							
					80.0			
85.0								
Hard, dry, grey, Clay Shale	100/3"							
					95.0			
70.0								
Hard, dry, grey, Clay Shale 293.8	100/4"							
75.0					100.0			

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

BORING 2-S