


District Nine Materials				Boring Log			
TR-209A (Glenn Rd) Over Crab Orchard Creek				Sheet 1 of 2			
Egata: TR-209A Structure Number: 039-3087				Date: 04/26/2001			
Section _____				Bored By: Bryan Keller			
County: Jackson Location: NW 1/4 SEC 7-9-1				Checked By: Rob Graeff			
Boring No 2-S	D	B		Surf Wat Elev: 75.0	D	B	
Station 23' W of W Abut	E	L		Ground Water Elevation	E	L	
Offset 7' S CL	P	O	Qu	when Drilling 367.5	P	O	Qu
Ground Surface 373.2 99.5 Ft	T	W	tsf	At Completion	T	W	tsf
	H		W%	At: Hrs:	H		W%
Multi A-1 over Crushed Aggregate				Medium, very moist, brown mottled grey, Clay to Silty Clay A7-6		2	0.8B 29
371.2 97.5						2	
Stiff, moist to very moist, brown, Silty Clay A-6		2				1	
		2	1.5P 22			2	0.8B 23
		2				3	
		5.0				30.0	WH
		2				1	0.7B 26
		2	1.1B 22			2	
366.2 92.5				341.2 67.5			
Medium, very moist, brown, Clay to Silty Clay A7-6		2		Soft to medium, very moist, brown Silty Clay A-6		WH	
		2	0.8B 32			WH	0.5B 29
		2				1	
363.7 90.0				338.7 65.0			
Stiff, very moist, brown to grey, Clay to Silty Clay A7-6	10.0	2		Medium, very moist, reddish brown, Clay A7-6 with coarse Sand Layers	35.0	WH	
		2	1.1B 25			WH	0.8B 25
		3				1	
		1		336.2 62.5			
		2	1.2B 28	Stiff, moist, grey, Clay A7-6		1	
		3				2	1.4S 34
		15.0				4	
		2	1.1B 23	333.7 60.0			
		2		Medium, very moist, grey, Silty Clay A-6 with some Sandy Gravel Layers	40.0	1	
356.2 82.5						2	0.8B 21
		1				3	
Medium, very moist, brown to grey, Silty Clay A-6		1	0.9B 26				
		21					
353.7 80.0				328.7 55.0			
Stiff, moist, brown to grey, Silty Clay A-6	20.0	1		Loose, very moist, grey, fine Silty Sand with Clay Layers	45.0	1	
		2	1.5B 23			4	20
		3		73% Sand		4	
		1		13% Silt			
		3	1.2B 23	11% Clay			
		2		3% Gravel			
348.7 75.0				323.7 50.0			
		25.0				50.0	2

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

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Station 23' W of W Abut	E	L		Ground Water Elevation	E	L	
Offset 7' S CL	P	O	Qu	when Drilling 367.5	P	O	Qu
Ground Surface 373.2 99.5 Ft	T	W	tsf	At Completion	T	W	tsf
	H		W%	At: Hrs:	H		W%
Stiff, moist, grey, Clay A7-6 with fine Sand and Silt Loam Seams		4	1.8S 28				
		4					
				Bottom of hole = 74.75 ft.			
				Free water observed at 32.0 ft.			
				Elevation referenced to center of existing structure; Assumed Elevation = 100.0 ft. (=373.7 U.S.G.S.)			
318.7 45.0				To convert "N" values to "N60" values multiply by 1.25			
Very stiff, moist, grey, Clay A7-6 with fine Silty Sand Layers	55.0	WH				80.0	
		3	2.5B 26				
		3					
313.7 40.0							
Stiff, moist to very moist, grey, mottled brown, Silty Clay A7-6 with fine Silty Sand Layers	60.0	1				85.0	
		6	1.0S 20				
		6					
308.7 35.0							
Very stiff, moist, brown, Silty Clay to Clay A7-6 with fine Silty Sand Layers	65.0	4				90.0	
		5	2.4B 20				
		5					
303.7 30.0							
Hard, dry, grey mottled brown, Clay Shale	70.0	100/3"				95.0	
298.7 25.0							
		75.0	100/3"			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

	HAMPTON, LENZINI & RENWICK, INC. CIVIL & STRUCTURAL ENGINEERS	
	3085 STEVENSON DRIVE, SUITE 201 SPRINGFIELD, ILLINOIS 62703 (217) 546-3400	
ELGIN • SPRINGFIELD	PROJECT NUMBER: 18-47-0017-1	DATE: 05/15/06
DESIGNED: S.M.S.	CHECKED: S.W.M.	DRAWN: D.T.M.

BORING 2
 SECTION 04-02119-00-BR
 CARBONDALE ROAD DISTRICT
 JACKSON COUNTY
 STATION 9+96 / STRUCTURE NO. 039-3255