

#99196

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I.R. 200	01-16117-00-BR	JACKSON	15	15
FED PROJ. BROS-077(35)				

# BORING LOG

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
District Nine Materials

TR-200 (Wisely Rd) Over Rattlesnake Creek  
Structure Number: 039-3093  
Location: NW Corner Sec 32-7-2  
Checked By: Bob Graeff

Boring No: 1-S  
Station: 16' from CL Creek  
Offset: CL  
Ground Surface: 105.6 ft

D E P T H	B L O W S	Q u t i f	W t %	Soil Description	D E P T H	B L O W S	Q u t i f	W t %
				Surface Wet Elev: 96.4				
				Ground Water Elevation when Drilling: 75.5				
				At Completion				
				Soil: 1				
				Medium, very moist, gray, Clay A7-6 with fine Silty Sand	1		0.6B	27
				Seams	2			
				72.96 78.1				
				Soft to medium, very moist, gray, mottled brown, Clay to Silty Clay A7-6	1		0.5B	25
				Seams	2			
				75.4 80.0				
				Medium, very moist, brown mottled gray, Clay to Silty Clay A7-6	1		0.8B	26
				Seams	2			
				70.4 76.5				
				Loose, wet, gray, fine Silty Sand with a Clay Seam	1			
				80% Sand	2			
				10% Sil	3			
				7% Clay	4			
				Loose, wet, gray, fine Silty Sand	1			
				Seams	2			
				67.96 78.1				
				Medium, very moist, gray Clay A7-6	1		0.6B	27
				Seams	2			
				70.4 76.5				
				Medium, wet, gray, fine Silty Sand with Rollin Wood Layer	1		1.7B	34
				Seams	3			
				62.96 68.1				
				Loose to Medium, wet, gray, fine Silty Sand	1		1.8B	33
				Seams	2			
				60.4 65.0				
				Medium, very moist, gray, Clay A7-6 with some Gravel and fine Sand Seams	1		1.8B	23
				Seams	3			
				57.96 63.1				
				Medium, very moist, gray, Clay A7-6	1		0.6B	32
				Seams	2			
				77.96 83.1				
				Medium, wet, gray, fine to coarse Silty Sand with some Gravel	1			
				Seams	2			
				75.4 80.0				

1-3rd Point Test: 2" OD Sampler, 400 Hammer, 30" Fall (Type Fall. B-Bulge S-Shear X-Estimated P-Penetrometer)

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TR-200  
Station: 16' from CL Creek  
Offset: CL  
Ground Surface: 105.6 ft

Boring No: 1-S  
Station: 16' from CL Creek  
Offset: CL  
Ground Surface: 105.6 ft

D E P T H	B L O W S	Q u t i f	W t %	Soil Description	D E P T H	B L O W S	Q u t i f	W t %
				Medium, wet, gray, fine to coarse Silty Sand with some Gravel	1			
				85% Sand	2			
				6% Sil	3			
				3% Clay	4			
				6% Gravel	5			
				55.0				
				42.96 48.1				
				Very dense, wet, gray, fine Silty Sand	1		100/12"	
				37% Sand	2			
				10% Sil	3			
				7% Clay	4			
				85.0				
				32.96 38.1				
				Loose, wet, gray, fine Sand	1			
				Seams	2			
				65.0				
				34.96 40.1				
				ard, dry, gray, Clay Shale	1		100/10"	
				Seams	2			
				29.96 35.1				
				md, dry, gray Clay Shale	1		100/5"	
				Seams	2			
				75.0				

Std Point Test: 2" OD Sampler, 400 Hammer, 30" Fall (Type Fall. B-Bulge S-Shear X-Estimated P-Penetrometer)

Elevation referenced to top of existing South Abutment. Assumed elevation = 100.0 ft. To convert "N" values to "NS" values multiply by 1.25. Subtract 5.44' for Elevation to be corrected with our survey.