



SOIL BORING LOG

Date 6/26/12

ROUTE Dirksen Parkway DESCRIPTION Traffic Signal at Dirksen Pkwy and Elm Steet LOGGED BY M. Tappan

SECTION LOCATION SPFLD, SEC., TWP., RNG., PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	DEPTH (ft)	BLOW (ft)	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOW (ft)	UCS (tsf)	MOIST (%)
					Surface Water Elev. N/A ft				
					Stream Bed Elev. N/A ft				
					Groundwater Elev.:				
					First Encounter 576.1 ft				
					Upon Completion Plugged ft				
					After 72 Hrs. Plugged ft				
	572.12								
					Gray and Brown Dry V Poorly Cemented Micaceous SILTY SHALE Very Friable				
		2					7		
		4	1.6	23			100		11
		5	B				/6"		
	589.12								
		2			Gray		7		
		2	1.1	25			100		10
		3	B				/3"		
	587.12								
		1							
		2	0.9	26					
		4	B						
	584.62								
		1					8		
		3	1.6	22			100		8
		3	B				/5"		
	582.12				Boring Complete				
		1			Metric Station 5+917				
		1	0.5	27	Offset 8.7m LT				
		2	B		Elevation 180.63m				
		0							
		2	0.6	24					
		2	B						
	576.62								
		0							
		2	1.4	26					
		2	B						
	574.62								
		0							
		0	0.1	24					
		1	B						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

File Name S:\SOILS\GINT FILES\SANGAMON\TRAFFIC SIGNAL STRUCTURE DIRKSEN PARKWAY.GPJ Data Template D6TEMPLATE.GDT Date Printed 3/8/13 Latitude 39D 48.650N Longitude 89D 36.343W Datum NAD83 Job Number D-96-543-01



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					Surface Water Elev. N/A ft				
					Stream Bed Elev. N/A ft				
					Groundwater Elev.:				
					First Encounter 572.9 ft				
					Upon Completion 587.4 ft				
					After 72 Hrs. 580.9 ft				
	572.90								
					Tan and Lt Gray Moist SILT LOAM				
		1					7		
		2	0.9	22			100		16
		2	S-10				/4"		
		1					19		
		2	0.6	28			100		12
		2	B				/4"		
	583.90								
		1					15		
		1	0.7	24			100		7
		2	B				/4"		
	581.40								
		1							
		2	1.2	23					
		2	B						
	578.90								
		1							
		2	2.4	25					
		3	B						
	576.40								
		0							
		1	0.2	22					
		0	B						
		1							
		5	1.9	13					
		8	B						

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