



SOIL BORING LOG

Date 9/26/13

ROUTE Wabash Ave. DESCRIPTION MA SE Corner W. White Oaks Mall LOGGED BY M. Tappan

SECTION(G)RS-15,TS-9(21)RS-9,TS-2LOCATION SPFLD. SEC. , TWP. , RNG. , PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO.	Station	DEPTH	BL	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	DEPTH	BL	UCS	MOIST
		(ft)	/6"	(tsf)	(%)	ft	ft	(ft)	/6"	(tsf)	(%)
NA	521+52					NA	NA				
1 Mast Arm	521+53					582.7	577.2				
	48.0ft RT					593.2					
	601.2										
Gray and Brown Very Moist SILTY CLAY (Disturbed)		0						8			
		0	.30	18				65	10.0	8	
	598.70	0	B					35	+		
Tan Dry Fine SAND (Fill)			W.O.H.					2"	E		
		0						9			
		0						19	11.5	9	
	595.70	-5						29	S-13		
Brown and Light Gray Very Moist SILT LOAM		0									
		1	.80	29							
		2	B								
	593.20										
Tan and Gray Moist SILTY CLAY LOAM		1						4			
		2	.90	23				18	7.4	10	
		2	B					28	S-10		
	590.70	-10									
Tan and Light Gray Moist SILTY CLAY		0									
		1	1.1	25							
		2	B								
	588.20										
Gray and Brown Moist SILTY CLAY (Till)		0									
		2	1.4	23							
		2	B								
		-15									
Very Moist		0									
		0	.50	26							
		1	B								
	582.70										
Gray and Tan Moist CLAY LOAM (Till)		2									
		20	7.1	13							
		25	S-12								
		-20									

File Name: S:\SOILS\GINT FILES\SANGAMON\WABASH AVE. MASTARMS.GPJ Data Template D:\TEMPLT.GDT Date Printed: 10/10/13

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)



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STRUCT. NO.	Station	DEPTH	BL	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	DEPTH	BL	UCS	MOIST
		(ft)	/6"	(tsf)	(%)	ft	ft	(ft)	/6"	(tsf)	(%)
NA	525+76					NA	NA				
2 Mast Arm	525+60										
	49.0ft LT					579.2	579.2				
	599.2										
Brown and Gray Moist SILTY CLAY (Disturbed)		1						5			
		4	1.7	14				15	6.2	9	
		4	S-12					25	S-12		
	596.20										
Brown Moist Medium SAND (Disturbed) to Tan and Light Gray Moist SILT		1						1			
		3	.90	25				17	6.0	15	
		2	B					18	B		
		-5									
	592.70										
Tan and Light Gray Moist SILTY CLAY LOAM		1									
		2	.80	24							
		2	B								
	591.20										
Tan and Gray Moist SILTY CLAY		0						5			
		0	.70	26				50	10 +	8	
		2	B					50	E		
		-10									
	589.20							4"			
Boring Completed											
Brown and Light Gray Moist SILTY CLAY		0									
		1	1.5	27							
		2	B								
	586.20										
Gray and Brown Moist SILTY CLAY (Till)		0									
		3	1.6	21							
		2	B								
		-15									
		0									
		2	.90	24							
		3	B								
	581.20										
Brown and Gray Moist CLAY LOAM (Till)		4									
		17	5.7	6							
		35	S-10								
		-20									

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