



SOIL BORING LOG

ROUTE Wabash Ave DESCRIPTION Mast Arm at Meadowbrook Dr and Wabash Ave. LOGGED BY M. Tappan
 SECTION 21(W-3, TS-1, RS-7) LOCATION Springfield, SEC., TWP., RNG., PM
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T	Surface Water Elev. <u>N/A</u> ft Stream Bed Elev. <u>N/A</u> ft Groundwater Elev.: ▽ First Encounter <u>593.8</u> ft ▽ Upon Completion <u>Washed</u> ft ▽ After <u>48</u> Hrs. <u>606.3</u> ft	D E P T H S	B L O W S	U C S Qu	M O I S T
Brown and Gray Moist SILTY CLAY		1			w/ Brown Med Sand @20 ft FREE WATER Brown Med SAND w/ 6" Coarse Sand Seam (flowing Sand) LS Cobble or Boulder @ 22ft 589.80		7		
		3	2.2	31		100			
		4	B			1/4"			
607.30 Gray and Brown V. Moist SILTY CLAY LOAM		0			Brown Gravely Till w/ Cobbles Washed 586.80		25		
		2	0.8	32		100			
		2	B			1/4"			
601.80 Grayish Brown V. Moist CLAY		1			Gray Moist CLAY LOAM (Till) Poor Recovery Washed 582.80		12		
		1	0.6	31		21	10	8	
		1	B			39	E		
601.80 Grayish Brown V. Moist CLAY		1			Gray Moist Clay Loam Till 582.80		5		
		1	1.1	25		17	7.0	11	
		2	B			25	S-12		
596.80 Moist		0			Note: Cobble or Boulder Field between 20-26ft Boring Complete				
		2	1.5	26					
		3	B						
593.80 Gray and Brown Moist SILTY CLAY (Till)		0							
		2	1.7	26					
		3	B						
592.80 Grayish Brown Moist CLAY LOAM (Till)		0							
		2	1.5	15					
		4	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:\SOILSIGINT FILES\SANGAMON\MAST ARM AT WABASH AND S KOKE MILL.GPJ Data Template DTEMP.LT.GDT Date Printed 5/22/13 Latitude 39D 45.337' N Longitude 89D 43.753' W Datum NAD83 Job Number D96-523-04



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Tan and Lt Gray Moist SILTY CLAY LOAM (Disturbed)		1			592.90 Brown Moist CLAY LOAM (Till) Hit LS Boulder @20.5 ft moved 8.5ft to STA 438+26, 108ft RT 610.90		3		
		1	1.2	25		8	5.4	14	
		3	B			12	B		
Brown and Gray Moist SILTY CLAY (Disturbed)		0			608.40 Gray and Brown Moist CLAY LOAM (Till) 605.90		3		
		2	0.9	26		8	7.0	13	
		2	B			17	B		
Tan and Lt Gray Wet SILT LOAM		1			602.90 Brown V. Moist SILTY CLAY 600.40				
		2	0.2	28					
		1	B						
Grayish Brown V. Moist SILTY CLAY LOAM		0			583.90 Note: Boring moved to due to boulder Boring Complete 602.90				
		1	0.7	26					
		2	B						
Brown V. Moist SILTY CLAY		0			600.40 Grayish Brown Moist SILTY CLAY (Till) FREE WATER -15				
		1	1.0	25					
		2	B						
Grayish Brown Moist SILTY CLAY (Till) FREE WATER		0			Brown and Gray V. Moist -20				
		1	1.6	26					
		3	B						
Brown and Gray V. Moist		0							
		1	0.6	23					
		2	B						
-20		0							
		1	0.4	19					
		2	B						

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