



Illinois Department of Transportation  
Division of Highways  
District 6

# SOIL BORING LOG

Page 1 of 1

Date 3/22/13

ROUTE Wabash Ave DESCRIPTION Mast Arm at I-72 E. Bound Off Ramp 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.	DEPT	BL	UC	MO	Surface Water Elev.	DEPT	BL	UC	MO
Station	H	W	S	I	ft	H	W	S	I
	(ft)	/6"	(tsf)	(%)		(ft)	/6"	(tsf)	(%)
					N/A				
					N/A				
BORING NO. 1 SW Corner					Groundwater Elev.:				
Station 366+26					▽ First Encounter 606.4 ft				
Offset 58.0ft LT					▽ Upon Completion 611.9 ft				
Ground Surface Elev. 617.9 ft					▽ After 3 days Hrs. 614.4 ft				
Black Moist SILTY CLAY (Fill)					Brown and Gray Moist SILTY CLAY (Till) (continued) 596.90				
	0								
	2	1.4	26		Brown and Gray Moist CLAY LOAM (Till)	1	6	5.4	16
	5	B				8	B		
614.90									
Brown and Dk Gray Moist SILTY CLAY									
	1					2			
	3	1.6	31		Brown	14	7.0	10	
	5	B				24	S-14		
	-5				Boring Complete				
611.90									
Tan and Lt Gray V. Moist SILT LOAM									
	1								
	2	0.5	29						
	3	B							
609.90									
Tan and Lt Gray V. Moist SILT									
	1								
	2	0.8	28						
	4	B							
607.40									
Brown and Gray V. Moist SILTY CLAY									
	1								
	2	0.5	28						
	2	B							
	1								
	2	1.0	29						
	3	B							
602.40									
Brown and Gray Moist SILTY CLAY (Till)									
	1								
	2	1.4	27						
	3	B							
	0								
	2	1.6	21						
	5	B							
	-20								

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 D6TEMP.LT.GDT Date Printed 5/22/13 Latitude 39.045025N Longitude 89.044301W Datum NAD83 Job Number D96-523-04



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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.	DEPT	BL	UC	MO	Surface Water Elev.	DEPT	BL	UC	MO
Station	H	W	S	I	ft	H	W	S	I
	(ft)	/6"	(tsf)	(%)		(ft)	/6"	(tsf)	(%)
					N/A				
					N/A				
BORING NO. 2 NE Corner					Groundwater Elev.:				
Station 383+70					▽ First Encounter 602.1 ft				
Offset 78.0ft RT					▽ Upon Completion 599.6 ft				
Ground Surface Elev. 613.6 ft					▽ After 3 days Hrs. 609.6 ft				
Brown and Black Moist SILTY CLAY (Disturbed)					Gray and Brown Moist CLAY LOAM (Till) (continued)				
	1					3			
	2	1.5	34			25	6.9	11	
	4	B				35	S-11		
610.60									
Tan and Lt Gray V. Moist SILTY CLAY LOAM									
	1					2			
	2	0.6	31		Brown and Gray	34	11.1	10	
	3	B				66	S-11		
	-5				Boring Complete				
608.10									
Tan and Lt Gray V. Moist SILT									
	0								
	2	0.4							
	2	27							
605.60									
Lt Reddish Brown and Gray V. Moist SILTY CLAY LOAM									
	0								
	2	0.6	25						
	2	B							
602.60									
Gray and Brown Moist SILTY CLAY (Till)									
	0								
	1	0.7	26						
	2	B							
	0								
	1	1.6	28						
	2	B							
594.60									
Gray and Brown Moist CLAY LOAM (Till)									
	2								
	8	4.2	11						
	18	S-12							
	-20								

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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FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOGS</b>				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
Default	ct:\pw\work\p\dot\sparksgw\0216203\Wabash Soil Boring Logs.dgn	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	8012	21(W-3, TS-1, RS-7)	SANGAMON	679	372
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 72890							
	PLOT DATE = Feb-04-2014 01:46:13PM	DATE -	REVISED -						ILLINOIS FED. AID PROJECT							