



# SOIL BORING LOG

Date 9/19/12

ROUTE Wabash Ave. DESCRIPTION Mast Arm Wabash and Drawbridge Rd. LOGGED BY M. Tappan  
 SECTION (G)RS-15, TS-9,(21)RS-9, TS-2 LOCATION SPFLD, SEC., TWP., RNG., PM  
 COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. \_\_\_\_\_  
 Station 528+47  
 BORING NO. 1 Mast Arm  
 Station 528+50  
 Offset 59.0ft Lt  
 Ground Surface Elev. 597.4 ft

DEPTH (ft)	BLOW COUNT	UCS (tsf)	MOISTURE (%)	DEPTH (ft)	BLOW COUNT	UCS (tsf)	MOISTURE (%)
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Gray Moist SILTY CLAY LOAM (Disturbed)	1			Light reddish Brown Moist CLAY LOAM (Till) (continued)			
	2	.80	28	Gray Dry CLAY LOAM (Till)	5		
	3	S-13		Sample Broken	23	7.0	9
					19	E	
594.40							
Grayish Brown Moist SILTY CLAY	0			Gray Moist CLAY LOAM (Till)	1		
	2	.60	32		7	6.4	13
	2	B			13	B	
	-5			572.40	-25		
591.40				Boring Completed			
Brown and Gray Moist SILTY CLAY (Till)	0						
	3	1.10	26				
	3	B					
	0						
	2	.90	23				
	3	B					
	-10						
Gray and Brown Moist SILTY CLAY (Till)	0						
	2	.60	27				
	2	B					
583.90							
Light reddish Brown Moist CLAY LOAM (Till)	3						
	6	5.6	17				
	16	B					
	-15						
Brown and Gray Dry CLAY LOAM (Till)	4						
	26	10.0+	10				
Sample Broken	44	E					
	4						
Sample Broken	12	7.0	9				
	32	E					
	-20						

File Name: S:\SOILS\GINT FILES\SANGAMON\WABASH AVE MAST ARM.GPJ Data Template D:\TEMP\T.GDT Date Printed 10/25/13  
 Latitude 39.45365N Longitude 89.42077W Datum NAD83 Job Number

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 =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORINGS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	ei:\pw\work\p\idot\sparksgw\10296742\06729-sht-borings.dgn	DRAWN -	REVISED -		SCALE:	SHEET 4 OF 4 SHEETS	STA.	TO STA.	SANGAMON	126	126
	PLOT SCALE = 0.3600' / in.	CHECKED -	REVISED -						CONTRACT NO.	72F29	
	PLOT DATE = Nov-08-2013 12:10:41PM	DATE -	REVISED -						ILLINOIS FED. AID PROJECT		