Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Date 5/15/13

ROUTE Wabash Ave DESCRIPTION Mast Arm located at S. Koke Mill 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 _____

BORING NO. 14 SE Corner
Station 484+46
Offset 50.0ft RT
Ground Surface Elev. 603.9 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
▽ First Encounter 592.4 ft
▽ Upon Completion 585.9 ft
▼ After 48 Hrs. 596.9 ft

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	Material
				Brown and Dk Gray Moist SILTY CLAY (Disturbed)
	1			
	2	1.3	27	
	3	B		
	0			
	1	1.0	26	
-5	2	B		
597.90				
	0			Gray Wet Fine to Med SAND
▼	1			
	0			
595.90				
	0			Gray and Lt Brown V. Moist SILTY CLAY LOAM
	0	0.5	37	
-10	1	B		
593.40				
	0			Brown and Gray Moist SILTY CLAY
▽	2	1.1	25	FREE WATER
	2	B		
	0			
	1	1.1	28	
-15	2	B		
588.40				
	0			Brown and Gray Moist SILTY CLAY (Till)
	0	1.5	24	
	3	B		
▼				
	0			
	1	0.7	29	Brown and Lt Blue Gray
-20	2	B		
583.40				
	1			Gray and Brown Moist CLAY LOAM (Till)
	6	8.0	13	
	12	B		
	3			
	15	10.9	12	
-25	21	S-11		
	2			
	15	8.2	11	
573.90 -30	18	S-11		
				Boring Complete
-35				
-40				

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:\SOIL\SIGNT FILES\SANGAMON\MAST ARM AT WABASH AND S KOKE MILL.GPJ Data Template DSTEMPLT.GDT Date Printed 5/22/13
Latitude 39D 45.601N Longitude 89D 42.903W Datum NAD83 Job Number D96-323-04

FILE NAME = c:\pw_work\pwidot\sparksgw\d0216203\Wabash Soil Boring Logs.dgn	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.0000 ' / in.	DRAWN -	REVISED -			8012	21(W-3, TS-1, RS-7)	SANGAMON	679	376
Default	PLOT DATE = Feb-04-2014 01:46:37PM	CHECKED -	REVISED -					CONTRACT NO. 72890		
		DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		