Illinois Department of Transportation
Division of Highways
Terracon, PTB 181-020, WO 5

SOIL BORING LOG

Date 2/13/14

ROUTE IL 6 DESCRIPTION I-74 EB about 0.5 miles west of I-474 EB LOGGED BY AF

SECTION D-4 Sign Truss LOCATION Peoria, SEC. 22, TWP. 9N, RNG. 7E,
Latitude , Longitude

COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 4S072I074R085.90(exist)
Station

BORING NO. 4-16 (Shoulder)
Station 261+75
Offset 85.0 ft Rt Median CL
Ground Surface Elev. 589.03 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				FILL: SILTY CLAY, brown to gray, stiff (first sample frozen)
	7			
	7	4.5	23	
	5	P		
586.03				
				FILL: SANDY CLAY, gray, trace organics, stiff (frozen sample)
	2			
	5	4.5	21	
-5	5	P		
583.03				
	4			**SANDY CLAY**, gray, stiff
	6	1.7	16	
	8	S		
581.03				
				SILTY LOAM, brown and gray to grayish-brown, stiff to very stiff
	5			
	6	3.0	20	
-10	8	P		
	4			
	5	1.3	15	
	8	S		
	5			
	5	3.0	23	
-15	5	P		
	6			
	10		15	
	10			with sand pockets
570.53				
	4			**SANDY CLAY**, gray, very stiff to hard
	7	4.5	16	
-20	12	P		

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Description
				SANDY CLAY, gray, very stiff to hard *(continued)*
	19			
	22		18	Sample at 21': with wood fragments
	26			
				with sand pockets
	9			
	13	4.5	11	
-25	18	P		
	12			
	17	5.6	12	
	22	S		
559.03				
	15			End of Boring
	25	6.1	10	
-30	24	S		
-35				
-40				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, form 137 (Rev. 8-99)

FILE NAME = overhead sign plans.dgn	USER NAME = davisso	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 39.3701 ' / in.	CHECKED -	REVISED -
Model	PLOT DATE = 3/24/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	04-4 OVD SIN STR REPL 14-47	VARIOUS	65	46

CONTRACT NO. 46314

ILLINOIS FED. AID PROJECT