



# SOIL BORING LOG

Date 10-13-2010

ROUTE IL 29 DESCRIPTION Overhead Sign Structure LOGGED BY BJS

SECTION D6 Overhead Sign Repl LOCATION At Beginning of Ramp Carrying SB IL 29 (South Grand Ave.) to SB I-55

COUNTY Sangamon STRUCTURE NO. 6S084S029L011.8 (Exist) (Prop.)

BORING NO. 6S084S029L011.8 DRILLING METHOD HSA HAMMER TYPE 140 lb Automatic

Station 27+00  
 Offset 42.5 ft RT of EOP  
 Ground Surface Elev. 585.15 (ft.)

Surface Water Elev. n/a (ft.)  
 Groundwater Elev. dry (ft.)  
 First Encounter dry (ft.)  
 Upon Completion dry (ft.)  
 After 30 Hrs. 583.15 (ft.)

SOIL DESCRIPTION	(ft.)	(ft.)	/ft	(tsf)	(%)	SOIL DESCRIPTION	(ft.)	(ft.)	/ft	(tsf)	(%)
Topsoil (6")							14				
Brown, Moist, Silty Clay						With Seam of Clay, Silty Dry at Bottom of Spoon		2			
	2						7	2.69 B		20.3	
							16	13			
						568.15					
Yellow Brown mottled Light Gray, Moist, Silty Clay.	4	2				Light Brown, Dry, Silty Clay Loam		15			
		3	1.0 P		26.2		18	34		13.4	
		3						67			
Light Gray mottled Yellow Brown		2									
	6	3	1.29 B		24.6		565.65				
		3				Light Brown, Dry, Silty Loam over Light Gray, Dry, Silty Loam, (Shaly)	20	31			
							564.65	50/6"		10.6	
Trace Sand		1				End of Boring @ 20.5 Ft.					
	8	3	1.83 B		23.6						
		3						22			
Trace Sand		10	2								
		3	1.98 B		24.6			24			
		5									
	12										
Yellow Brown mottled Light Gray, with Seams of Clay and Silty Clay Loam. Very Soft 6" Seam		2						26			
		2	1.03 B		26.6						
		4									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer).  
 The Standard Penetration Test (SPT) N Value is per (AASHTO T206)

BBS 137 (9/05)

FILE NAME *	USER NAME *	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	F.A. -	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -		Various	D-6 OVD SIN STR REPL 11-11	Logan/Sangamon	29	29
PLOT SCALE *		DRAWN -	REVISED -		CONTRACT NO. 46134				
PLOT DATE *		CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT				