



**Illinois Department of Transportation**  
 Division of Highways  
 Illinois Department of Transportation

**SOIL BORING LOG**

Date 12/13/06

ROUTE FAI 255 DESCRIPTION I-255 SB ITS Light Tower Foundation, North of IL 162 LOGGED BY E. Stewart

SECTION Dist 8 ITS 2007-1.2A LOCATION SE 14, SEC. 1, TWP. 3N, RNG. 9W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 025529.3S.51C/45R  
 Station \_\_\_\_\_  
 BORING NO. #8  
 Station 1531+50  
 Offset 4.00ft Left EOP  
 Ground Surface Elev. \_\_\_\_\_ ft (ft) (ft) (in) (ft) (ft)

Surface Water Elev. NA ft  
 Stream Bed Elev. NA ft  
 Groundwater Elev.:  
 First Encounter Dry Hole ft  
 Upon Completion ft  
 After Hrs. ft

DEPTH (ft)	SOIL DESCRIPTION	BLOW COUNT (SPT)	REMARKS
9	Light Gray Clay LOAM	1.74	18
13		5/10	
14			
7		1.39	20
9		5/10	
13			
4		1.94	26
7		9/10	
13			
4	Light Brown Silty Clay LOAM	1.70	26
7		9/10	
9			
-10			
16		0.97	17
20		5/15	
21			
6		1.47	18
13		5/10	
23			
-19	End of Boring		
-20			

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 T208)  
 BBS, from 137 (Rev. 8-99)

PLOT DATE = 3/18/2008  
 FILE NAME = c:\projects\ed02609\electrical\itspin02609a.dgn  
 PLOT SCALE = 50.0000' / IN.  
 REFERENCE = \$REF\$

FILE NAME = c:\projects\ed02609\electrical\itspin02609a.dgn	USER NAME = prestonm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOGS</b>	F.A.I. RTE. *	SECTION DIST 8 ITS 2009-1	COUNTY MADISON	TOTAL SHEETS 28	SHEET NO. 28		
PLOT SCALE = 50.0000' / IN.	PLOT DATE = 3/18/2008	DRAWN -	REVISED -			SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
		CHECKED -	REVISED -			CONTRACT NO. 76B53						
		DATE -	REVISED -									