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SOIL BORING LOG

Geo Services, Inc. 805 Amherst Court, Suite 204 Naperville, Illinois 60565 (630) 355-2838

DATE 2/10/2013
 LOGGED BY DR
 GSI JOB No. 09174

ROUTE FAP 353 (US 30) DESCRIPTION US Route 30 @ EJ&E/CN Railroad, IDOT Job No. D-91-046-12
 SECTION 11-Y-A LOCATION SEC 20 & 29, T 35 N, R 15 E, 3rd PM
 COUNTY Cook DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE Diedrich Automatic

STRUCT. NO. ---
 Station ---
 BORING NO. **BS-01**
 Station 276+82
 Offset 39.5' Left
 Ground Surface Elev. 630.9

DEPTH (ft)	BLOW COUNT	UCS (tsf)	MOIST (%)	Surface Water Elev.		DEPTH (ft)	BLOW COUNT	UCS (tsf)	MOIST (%)
				Stream Bed Elev.	Groundwater Elevation:				
629.4	3			n/a		2			
627.9	6	2.75P	15	n/a		5			
625.4	3		88			2			
622.9	2					3			
617.9	3					2		103	
598.9	4					2			
593.9	3					2			
512.4	3					6			
120	4					6			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-S Shelby Tube Sample VS-Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in Italics above moist (%)
 NR-No Recovery

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				Stream Bed Elev.	Groundwater Elevation:				
588.9									
563.9									
558.9									
518.9									
514.4									
102									

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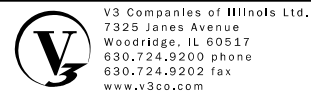
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				Stream Bed Elev.	Groundwater Elevation:				
111									
105									
50/1'									
518.9									
514.4									
102									
120									

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USER NAME =	DESIGNED - WJV	REVISED
PLOT SCALE =	CHECKED - CJB	REVISED
PLOT DATE =	DRAWN - WJV	REVISED
	CHECKED - CJB	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS
 STRUCTURE NO. 016-1415
 SHEET NO. 5 OF 7 SHEETS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	11-Y-A	COOK	354	285
CONTRACT NO. 60R19				
ILLINOIS FED. AID PROJECT				