

PAGE 1 of 3

SOIL BORING LOG

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
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 (blows/ft)	UCS (tsf)	MOISTURE (%)	Surface Water Elev.		Stream Bed Elev.		Groundwater Elevation:		DEPTH (ft)	BLOW COUNT (blows/ft)	UCS (tsf)	MOISTURE (%)
				First Encounter	Upon Completion	First Encounter	Upon Completion	First Encounter	Upon Completion				
0				n/a	n/a	n/a	n/a	Dry To -10.0'	n/a				
0.5	3												
1.0	5												
1.5	6	2.75	15										
2.0	3												
2.5	4												
3.0	5	2.38	24										
3.5													
4.0	2												
4.5	2												
5.0	3	NP	20										
5.5													
6.0	3												
6.5	3												
7.0	3	NP	20										
7.5													
8.0	4												
8.5	6	NP	23										
9.0													
9.5	2												
10.0	2												
10.5	3	NP	22										
11.0													
11.5	3												
12.0	3												
12.5	5	NP	22										
13.0													
13.5	3												
14.0	4												
14.5	4	NP	23										

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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1.0													
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15.0													

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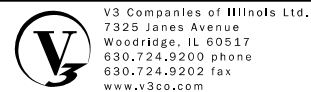
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V3 Companies of Illinois Ltd.
7325 James Avenue
Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

USER NAME =
DESIGNED - EVS
CHECKED - WJV
DRAWN - EVS
CHECKED - WJV

REVISED
REVISED
REVISED
REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS
STRUCTURE NO. 016-1279**

SHEET NO. 18 OF 35 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	11-Y-A	COOK	354	238
CONTRACT NO. 60R19				
ILLINOIS FED. AID PROJECT				