

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	290
STA. 432+83.12		TO STA. 470+56.84		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

60B01

SOIL BORING LOG

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
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Naperville, Illinois 62565
(630) 251-1336

PAGE 2 of 2
DATE August 21, 2006
LOGGED BY RJ
OSI JOB No. 06119

ROUTE F.A.P. 335 (IL Route 60) DESCRIPTION Illinois Route 60 Bridge Widening and Reconstruction over I-94
SECTION 119R-2 LOCATION T43N R11E 01NW-T43N R11E 02NE, Vernon Township
COUNTY Lake DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME-75 Auto Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. BR-3
Station: 445+23
Offset: 160.5' Right
Ground Surface Elev. 690.0

Surface Water Elev.	Stream Bed Elev.	Groundwater Elevation:	First Encounter	Upon Completion	After
n/a	n/a		Dry to 670.0	n/a	

DEPTH (ft)	SOIL DESCRIPTION	WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX	UNSATURATED SWELLING (%)	LABORATORY TESTS
0	SILTY LOAM-gray-medium dense (A-4)					
5						
7	CLAY-gray-stiff to very stiff (A-6)					
19		1.90				
5						
7						
20	Note: Possible cobbles/boulders					
5						
7						
20	CLAY-gray-hard (A-6)					
17		2.75P				
6						
9						
37						

End Of Boring @ -80.0'
Hollow Stem Augers to -20.0'
Rotary Drilling to Completion
CME-75 Automatic Hammer

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D1586) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

SHEET S-43 OF S-53

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS - IV
ILLINOIS 60 OVER I-94
F.A.P. RTE. 335 SECTION 119R-2
LAKE COUNTY STA. 445+54.14
S.N. 049-2012 ISTHA BRIDGE NO. 407
DESIGNED BY: SNB
DRAWN BY: SNB
CHECKED BY: SP

SCALE:
DATE: MAY 8, 2007



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