F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	305
STA. 432+83.12		TO STA. 470+56.84		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B01

Geo Services Inc.
Geotechnical, Environmental & Civil Engineering
825 Ambler Corporate Park 204
Naperville, Illinois 60565
(630) 961-2838

SOIL BORING LOG

PAGE 1 of 1
DATE August 1, 2006
LOGGED BY MB
GSI JOB No. 06119

ROUTE F.A.P. 335 (I. Route 60) DESCRIPTION Illinois Route 60 Bridge Widening and Reconstruction over I-94
SECTION 119R-2 LOCATION T43N R11E Ø1NW-T43N R11E Ø2NE, 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. RW-3
Station: 462+21
Offset: 28.5' Right
Ground Surface Elev. 687.4

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
685.9	4		
	7		
	7	6.0P	15
	4		116
	7		
-5	7	7.3B	16
	4		117
	10		
	11	6.2B	16
679.4			
	4		119
	4		
-10	10	4.3B	15
	3		116
	3		
	5	2.1B	17
	2		
	3		
-15	4	1.75P	18
	3		
	4		
	6	2.5P	18
	4		113
	6		
667.4 -20	8	2.6B	18

CLAY-gray-stiff to hard (A-6)

CLAY-brown & gray-hard (A-6)

CLAY-gray-stiff to hard (A-6)

660.4

SANDY CLAY-gray-very stiff (A-6)

657.4 -30

End Of Boring @ -30.0'
Hollow Stem Augers
CME-75 Automatic Hammer

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	4		111
	5		
	6	1.7B	19
	5		116
	7		
-25	9	2.1B	16
	6		117
	6		
	8	1.6B	16
	7		
	6		
-30	9	2.25P	9
-35			
-40			

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 (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

Geo Services Inc.
Geotechnical, Environmental & Civil Engineering
825 Ambler Corporate Park 204
Naperville, Illinois 60565
(630) 961-2838

SOIL BORING LOG

PAGE 1 of 1
DATE August 9, 2006
LOGGED BY RH
GSI JOB No. 06119

ROUTE F.A.P. 335 (I. Route 60) DESCRIPTION Illinois Route 60 Bridge Widening and Reconstruction over I-94
SECTION 119R-2 LOCATION T43N R11E Ø1NW-T43N R11E Ø2NE, Vernon Township
COUNTY Lake DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Auto Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. RW-4
Station: 463+Ø4
Offset: 28.5' Right
Ground Surface Elev. 686.7

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
685.35	1		116
	2		
	5	4.0B	17
	5		
	7		
-5	9	3.5P	16
	4		118
	9		
	12	7.6B	16
678.4			
	4		118
	9		
-10	12	2.75B	16
	4		114
	7		
	8	2.0B	18
	3		115
	5		
-15	7	2.1B	17
	3		114
	5		
	6	2.6B	18
	4		113
	5		
666.7 -20	7	2.2B	18

CLAY-brown & gray-very stiff to hard (A-6)

CLAY-gray-stiff to very stiff (A-6)

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	3		114
	5		
	9	1.8B	18
663.2			
	3		
	4		
661.7 -25	4	NP	18
-30			
-35			
646.7 -40			

CLAY-gray-stiff to very stiff (A-6)

End Of Boring @ -25.0'
Hollow Stem Augers
CME-55 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 (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

TY·LIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS FOR RETAINING WALL II
ILLINOIS 60 OVER I-94
F.A.P. RTE. 335 SECTION 119R-2

SCALE:
DATE: MAY 8, 2007
DESIGNED BY:
DRAWN BY:
CHECKED BY:

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05/03/2007 04:31:49 PM