F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	306
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
805 Ambriar Court, Suite 204
Naperville, Illinois 60565
(630) 355-2656

SOIL BORING LOG

PAGE 1 of 2
DATE August 4, 2006
LOGGED BY MB
GSI 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 D-120 Auto Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. RW-5
Station: 463+85
Offset: 28.5' Right
Ground Surface Elev. 686.1

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

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
10.0" CONCRETE, 6.0" GRAVEL	684.75				
CLAY-brown & gray-hard (A-6)			3		
			5		
			6	6.0+P	17
			4		
			7		
		-5	8	4.0P	17
			11		110
			13		
			13	6.4B	15
			6		
			8		
		-10	8	4.0P	17
CLAY-gray-very stiff (A-6)	675.6		3		
			5		
			6	3.25P	17
			3		120
			6		
		-15	8	3.5B	15
SILTY LOAM-gray-medium dense (A-4)	670.6		10		
			10		
			13	NP	17
CLAY-gray-very stiff (A-6)	668.1		4		113
			6		
	666.1	-20	8	3.0B	18
CLAY-gray-very stiff (A-6)			3		118
			5		
			6	2.4B	17
SILTY LOAM to SILTY CLAY LOAM-gray-medium dense (A-4)	663.1		3		
			4		
		-25	7	2.5P	17
CLAY-gray-stiff to very stiff (A-6)	660.6		5		
			7		
			8	1.75P	18
			6		
			7		
		-30	10	3.0P	17
			4		18
			6		
			7	2.5B	18
			3		117
			5		
		-35	6	2.7B	18
	646.1	-40	7	1.9B	20

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

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SOIL BORING LOG

PAGE 2 of 2
DATE August 4, 2006
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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 D-120 Auto Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. RW-5
Station: 463+85
Offset: 28.5' Right
Ground Surface Elev. 686.1

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

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
CLAY-gray-stiff to very stiff (A-6)			6		113
			6		
		-45	10	2.8B	22
	639.1				
CLAYEY SAND & GRAVEL-gray-medium dense (A-2-6)			10		
			13		
	636.1	-50	13	NP	15
End Of Boring @ -50.0' Hollow Stem Augers D-120 Automatic Hammer					
		-55			
	626.1	-60			
		-65			
		-70			
		-75			
	606.1	-80			

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

REVISIONS	
NAME	DATE

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

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

TY·LIN INTERNATIONAL

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