F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	308
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 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

SOIL BORING LOG

PAGE 1 of 1
DATE May 2, 2007
LOGGED BY RT
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 Hand Auger

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. RW-8
Station: 434+68
Offset: 104' Right
Ground Surface Elev. 676.0

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 (%)
TOPSOIL-black	675.0		AS	1.5P	26
CLAY to CLAY LOAM-brown & gray spotted black-stiff (A-6) Fill			AS	1.5P	15
		-5	AS	1.5P	14
	670.0				
CLAY-dark brown & gray-stiff (A-6) Wet			AS	1.25P	26
					94
	666.0	-10	AS	1.4B	28
End Of Boring @ -10.0' Hand Auger					
		-15			
		-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
-25			
-30			
-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

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SOIL BORING LOG

PAGE 1 of 1
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LOGGED BY RT
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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 Hand Auger

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. RW-9
Station: 435+58
Offset: 51' Right
Ground Surface Elev. 689.5

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 to CLAY LOAM-brown & gray spotted black-stiff (A-6) Fill			AS	0.75P	19
			AS	1.5P	16
	686.5				
CLAY-brown & gray-stiff to hard (A-6)		-5	AS	6.0+P	16
	682.5		AS	1.75P	20
Auger Refusal @ -7.0' Unknown Obstruction End Of Boring Hand Auger					
		-10			
		-15			
		-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
-25			
-30			
-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

REVISIONS	
NAME	DATE

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

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

TYLIN INTERNATIONAL

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