F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	160C
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 Ambers Corners Route 204
Naperville, Illinois 60565
(630) 355-2898

SOIL BORING LOG

PAGE 1 of 1
DATE April 23, 2007
LOGGED BY RH
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 CME Auto Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. P-5
Station: 452+16
Offset: 116' Left
Ground Surface Elev. 684.6

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	683.6		AS	-	28
CLAY-brown & gray-stiff (A-6)	680.6		AS	1.75P	23
PEAT-black (A-8)	678.6	-5	AS	-	74
CLAY LOAM-gray-very soft (A-7)	676.6		ST	0.5P	107
CLAY LOAM-gray-very soft (A-6) Wet	673.1	-10	AS	<0.25P	68
CLAY-gray-very soft (A-6)	672.1		AS	<0.25P	39
LOAM-gray (A-4)	670.1		ST	2.5P	18
End Of Boring @ -14.5' Hollow Stem Augers CME-75 Automatic Hammer		-15			17
		-20			
		-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

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Ambers Corners Route 204
Naperville, Illinois 60565
(630) 355-2898

SOIL BORING LOG

PAGE 1 of 1
DATE April 30, 2007
LOGGED BY RH
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 CME Auto Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. P-6
Station: 451+91
Offset: 133' Left
Ground Surface Elev. 684.1

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 670.6
Upon Completion Dry
After ___ Hrs. ___

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL-black	683.1		AS	-	34
CLAY-dark brown spotted black-stiff (A-6) Fill	681.1		3 4 5	1.75P	24
PEAT-black (A-8)	678.6	-5	3 3 4	-	102
CLAY-gray-very soft to soft (A-7) Wet		-10	1 1 1 0 0 0	0.25P	37
			3 3 2	<0.25P	37
▼ 670.6					
CLAY-gray-stiff to very stiff (A-6)		-15	3 3 4	1.5P	16
			4		118
			6 6	2.0B	19
End Of Boring @ -20.0' Hollow Stem Augers D-50 Automatic Hammer	664.1	-20	3 4 6	1.5B	111 19
		-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
ILLINOIS RTE 60 OVER I-94

SOIL BORING LOGS
LOGS P-5 AND P-6

SCALE: NONE DRAWN BY: KMA
DATE: MAY 8, 2007 CHECKED BY: PDF

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