F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	160D
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 Ambriel Corporate Drive 204
Naperville, Illinois 60565
(630) 355-2888

SOIL BORING LOG

PAGE 1 of 1
DATE May 1, 2007
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 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-7
Station: 451+66
Offset: 133' Left
Ground Surface Elev. 682.5

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 (%)
TOPSOIL-black	681.5		AS	-	48
CLAY LOAM-dark brown spotted black- soft (A-6) Fill, Wet	679.5		3 3 3	0.25P	38
Auger Refusal @ -3.0' Unknown Obstruction Hollow Stem Augers D-50 Automatic Hammer		-5			
		-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

Geo Services Inc.
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825 Ambriel Corporate Drive 204
Naperville, Illinois 60565
(630) 355-2888

SOIL BORING LOG

PAGE 1 of 1
DATE April 24, 2007
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 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-8
Station: 452+41
Offset: 133' Left
Ground Surface Elev. 687.0

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 (%)
Clayey TOPSOIL-brown	686.0		AS	-	15
CLAY-brown & gray- very stiff to hard (A-6)	681.0		AS	2.0P	17
		-5	4 6 10	4.5P	20
CLAY-dark brown & gray spotted black- very soft to medium stiff (A-6) Wet	674.0		3 4 4	0.75P	30
		-10	ST	0.25P	39
			ST	<0.25P	36
CLAY-brown & gray- stiff to very stiff (A-6)		-15	3 4 5	1.75P	14
			6		115
			6 6 6	3.0B.	18
CLAYEY SAND & GRAVEL-gray- medium dense (A-2-6) End Of Boring @ -25.0' Hollow Stem Augers D-50 Automatic Hammer	669.0 / 667.0	-20	3 6 6	NP	12

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
ILLINOIS RTE 60 OVER I-94

SOIL BORING LOGS
LOGS P-7 AND P-8

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

T·Y·LIN INTERNATIONAL

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