F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	160F
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/Route 204
Naperville, Illinois 60565
(630) 355-2868

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 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. P-11
Station: 453+16
Offset: 133' Left
Ground Surface Elev. 686.5

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 (%)
	AS	-	22
CLAY to CLAY LOAM-dark brown-very stiff (A-6) Apparent Fill	4		
683.5	8		
	7	3.5P	21
	2		
	5		
CLAY-brown & gray-very stiff (A-6)	-5 4	3.0P	20
	3		
	3		
678.5	5	4.5P	20
CLAY-gray-soft (A-6) Wet	1		
	1		
	-10 1	0.25P	34
676.0			
	2		112
CLAY-gray-stiff to very stiff (A-6)	4		
	5	1.7B	19
	3		113
	5		
	-15 5	2.2B	18
	5		115
	6		
669.0	10	3.5B	17
End Of Boring @ -17.5' Hollow Stem Augers D-50 Automatic Hammer			
-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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805 Ambriar Court/Route 204
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SOIL BORING LOG

PAGE 1 of 1
DATE April 23-24, 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 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. P-12
Station: 452+16
Offset: 158' Left
Ground Surface Elev. 687.8

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 664.8
Upon Completion Dry
After ____ Hrs. ____

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Clayey TOPSOIL-brown (Fill)			
686.8	AS	-	19
CLAY-brown & gray-stiff (A-6)	AS	1.75P	15
684.3			
	-5 AS	0.5P	35
CLAY LOAM-dark brown, gray & black-soft to medium stiff (A-6) Wet			
	AS	0.25P	28
678.8			
PEAT-black (A-8)	-10 AS	-	94
676.8			
	AS	<0.25P	39
CLAY-gray-very soft (A-6) Wet			
	-15 AS	<0.25P	38
	AS	<0.25P	35
	-20 AS	<0.25P	35

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
CLAY-gray-very soft (A-6/A-7) Wet 667.3			
	9		
	6		
	5	3.5	18
CLAY-gray-very stiff (A-6)			
	3		115
	7		
-25	11	2.6B	17
	17		116
	19		
660.3	22	2.7SB	17
End Of Boring @ -27.5' Hollow Stem Augers D-50 Automatic Hammer			
-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-11 AND P-12

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

TY·LIN INTERNATIONAL

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