F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	288
STA. 432+83.12	TO STA. 470+56.84			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B01

SOIL BORING LOG

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court Suite 204
Naperville, Illinois 60565
(630) 355-2838

PAGE 3 of 3
DATE September 7-8, 2006
LOGGED BY RJ
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-50 Auto Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. BR-1
Station: 443+90
Offset: 195.5' Left
Ground Surface Elev. 691.3

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 674.3
Upon Completion n/a
After ____ Hrs. ____

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY to CLAY LOAM-gray-hard (A-6)		10		
		16		
606.3	-85	34	6.0+P	12
End Of Boring @ -85.0' Hollow Stem Augers D-50 Automatic Hammer	-90			
	-95			
	-100			

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	-105			
	-110			
	-115			
	-120			

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

SOIL BORING LOG

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court Suite 204
Naperville, Illinois 60565
(630) 355-2838

PAGE 1 of 2
DATE September 6-7, 2006
LOGGED BY RJ
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-50 Auto Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. BR-2
Station: 447+01
Offset: 167' Left
Ground Surface Elev. 690.1

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 681.1
Upon Completion n/a
After ____ Hrs. ____

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL-dark brown to black 689.1				
CLAY to CLAY LOAM-brown & gray-stiff to hard (A-6)		5		
		8		
		12	6.0+P	12
		3		
		4		
	-5	6	1.5P	22
		3		
		5		
		8	3.5P	19
		3		
		4		
	-10	5	4.4P	25
		6		
		13		
677.1		26	3.0P	16
CLAY-gray-stiff to very stiff (A-6)		5		*119*
		8		
	-15	14	2.7B	15
		5		*117*
		7		
		10	3.5B	17
		4		
		5		
	-20	12	2.75P	17

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY-gray-stiff to very stiff (A-6)		6		*112*
		6		
		7	1.8B	19
		4		*109*
		5		
	-25	10	1.7B	20
		3		*111*
		5		
		9	1.8B	19
		4		*110*
		5		
	-30	9	2.0B	20
		4		*112*
		5		
	-35	10	2.2B	19
		4		*114*
		7		
	-40	14	3.9B	18

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

p:\60245811\-60\structural\nal\L60borBR_sht2.DGN

SHEET S-41 OF S-53

TY·LIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS - II
ILLINOIS 60 OVER I-94
F.A.P. RTE. 335 SECTION 119R-2
LAKE COUNTY STA. 445+54.14
S.N. 049-2012 ISTHA BRIDGE NO. 407

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

05/03/2007 04:30:59 PM