F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	435
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 August 17, 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 CME Auto Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. B-11
Station: 194+39
Offset: 24' Left
Ground Surface Elev. 697.0

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

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
6.0" ASPHALT, 30.0" CRUSHED STONE-loose		8, 4, 5	NP	6
CLAY-brown & gray-very stiff (A-6)	-5	4, 5, 8	3.6B	117, 16
		3, 6, 6	3.25P	13
	-10	2, 5, 6	2.0P	15
End Of Boring @ -10.0' Hollow Stem Augers CME-75 Automatic Hammer	-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

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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 CME Auto Hammer

STRUCT. NO. SN-049-2012
Station 432+83.16 to 470+54.86
BORING NO. B-12
Station: 197+30
Offset: 4' Right
Ground Surface Elev. 702.5

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

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
6.0" ASPHALT, 30.0" CRUSHED STONE-medium dense		6, 8, 5	NP	8
CLAY-brown & gray-very stiff (A-6)	-5	2, 3, 5	2.1B	15, 17
		3, 5, 6	2.25P	18
	-10	3, 3, 11	3.9B	116, 16
End Of Boring @ -10.0' Hollow Stem Augers CME-75 Automatic Hammer	-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

TY·LIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS RTE 60 OVER I-94

SOIL BORING LOGS
LOGS B-11 AND B-12

SCALE: NONE DRAWN BY: MPG
DATE: MAY 8, 2007 CHECKED BY: DMJ

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