F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	436
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 Ambercrest Court Suite 204
Naperville, Illinois 60565
(630) 305-2938

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 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. B-13
Station: 202+48
Offset: 17.5' Right
Ground Surface Elev. 702.0

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 (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
6.0" ASPHALT, 30.0" CRUSHED STONE-medium dense	13						
	10						
	4	NP	5				
	3						
CLAY-brown & gray- very stiff to hard (A-6)	5						
-5	6	6.0+P	17	-25			
	2						
	2						
	6	2.0P	16				
	2		111				
-10	7			-30			
	9	4.0B	19				
End Of Boring @ -10.0' Hollow Stem Augers CME-75 Automatic Hammer							
-15				-35			
-20				-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
825 Ambercrest Court Suite 204
Naperville, Illinois 60565
(630) 305-2938

SOIL BORING LOG

PAGE 1 of 1
DATE August 9, 2006
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. B-14
Station: 451+63
Offset: 30' Right
Ground Surface Elev. 703.6

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 682.1
Upon Completion n/a
After ____ Hrs. ____

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
9.0" CONCRETE, 27.0" SAND & GRAVEL-loose	6			CLAY-brown & gray- very stiff to hard (A-6) Fill			
	5				2		
	4		NR	CLAY-brown & gray- medium stiff (A-6) Fill	3	0.75P	
	2		117		50/3"		22
	3			Auger refusal @ -22.5', unknown obstruction.			
-5	5	3.0B	16	End Of Boring @ -22.5' Hollow Stem Augers CME-55 Automatic Hammer			
CLAY-brown & gray- very stiff to hard (A-6) Fill	3		120	-25			
	5						
	7	3.25B	15				
	4						
	5						
-10	6	2.25P	18	-30			
	5		120				
	4						
	9	2.7B	15				
	4		121				
	6						
-15	8	5.0B	15	-35			
	4						
	6						
	10	6.0+P	15				
	5		120				
	6						
-20	11	5.75B	15	-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

TYLIN INTERNATIONAL

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS RTE 60 OVER I-94

SOIL BORING LOGS
LOGS B-13 AND B-14

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

p:\60245811-60\rom\60sbr_sht07.dgn
05/07/2007 12:24:05 PM