

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	305
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 Amber Court, Suite 204  
Naperville, IL 60563  
(630) 251-2336

SOIL BORING LOG

PAGE 1 of 1  
DATE August 1, 2006  
LOGGED BY MB  
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-75 Auto Hammer

STRUCT. NO. SN-049-2012  
Station 432+83.16 to 470+54.86

BORING NO. RW-3  
Station: 462+21  
Offset: 28.5' Right  
Ground Surface Elev. 687.4

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	Description	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elevations	First Encounter	Upon Completion	After
									n/a	n/a		Dry	Dry	
0				10.0" CONCRETE, 8.0" CRUSHED STONE	0									
4					4									
7					5									
7	6.0P	15		CLAY-gray-stiff to hard (A-6)	6	1.7B	19							
4			116		5									
7				CLAY-brown & gray-hard (A-6)	7									
-5	7.3B	16			-25	9	2.1B	18						
4			117		6									
10					6									
11	6.2B	16			8	1.6B	16							
4			119		7									
4				SANDY CLAY-gray-very stiff (A-6)	6									
-10	4.3B	15			-10	12	2.25P	9						
3			116		4									
3					5									
5	2.1B	17			3									
2					5									
3					7	2.1B	17							
-15	4.175P	18			-15	7	2.1B	17						
3					3									
4					5									
6	2.5P	18			6	2.6B	18							
4			113		4									
6					5									
667.4	-20	8	2.6B	18	647.4	-40								

End Of Boring @ -30.0' Hollow Stem Augers CME-75 Automatic Hammer

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 (ASTM D 1586) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
NR-No Recovery

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SOIL BORING LOG

PAGE 1 of 1  
DATE August 9, 2006  
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. RW-4  
Station: 463+04  
Offset: 28.5' Right  
Ground Surface Elev. 686.7

DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	Description	DEPTH (ft)	BULGE (in)	UCS (tsf)	MOISTURE (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elevations	First Encounter	Upon Completion	After
									n/a	n/a		Dry	Dry	
0				10.0" CONCRETE, 6.0" CRUSHED STONE	0									
1					1									
2					2									
5	4.0B	17		CLAY-gray-stiff to very stiff (A-6)	5									
4			116		3									
7					5									
-5	9	3.5P	16	CLAY-brown & gray-very stiff to hard (A-6)	663.2									
4			118		3									
9					4									
12	7.6B	16			7									
4			118		-5	9	3.5P	16	661.7	-25	4	NP	18	
9					4									
12	7.6B	16			6									
4			118		4									
9					9									
-10	12	2.75B	16		-10	12	2.75B	16						
4			118		4									
7					7									
8	2.0B	18			8	2.0B	18							
3			115		3									
5					5									
-15	7	2.1B	17		-15	7	2.1B	17						
3			114		3									
5					5									
6	2.6B	18			6	2.6B	18							
4			113		4									
5					5									
666.7	-20	7	2.2B	18	646.7	-40								

End Of Boring @ -25.0' Hollow Stem Augers CME-55 Automatic Hammer

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 (ASTM D 1586) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
NR-No Recovery

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
BORING LOGS FOR RETAINING WALL II  
ILLINOIS 60 OVER I-94  
F.A.P. RTE. 335 SECTION 119R-2

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

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