

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	306
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, Illinois 60565 (630) 255-2230

SOIL BORING LOG PAGE 1 of 2 DATE August 4, 2006 LOGGED BY MB 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-120 Auto Hammer

STRUCT. NO. SN-049-2012 Station 432+83.16 to 470+54.86
BORING NO. RW-5 Station 463+85 Offset: 28.5' Right Ground Surface Elev. 686.1

DEPTH (ft)	BULGE (in)	SHEAR (pcf)	PENETRATION (lb/ft)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BULGE (in)	SHEAR (pcf)	PENETRATION (lb/ft)	MOISTURE (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elevations:	First Encounter	Upon Completion	After
											n/a	n/a				
0					CLAY-gray-very stiff (A-6)	0					n/a	n/a				
3						3										
5						5										
6	6.0P		17			6	2.4B		17							
					CLAY-brown & gray-hard (A-6)											
4						4										
7					SILTY LOAM to SILTY CLAY LOAM-gray-medium dense (A-4)	7										
-5	8	4.0P	17			-25	7	2.5P	17							
11				110		11										
13						13										
13	6.4B		15			13	1.75P		18							
6						6										
8					CLAY-gray-stiff to very stiff (A-6)	8										
-10	8	4.0P	17			-30	10	3.0P	17							
3						3										
5						5										
6	3.25P		17			6	2.5P		18							
3				120		3										
6						6										
-15	8	3.5B	15			-35	6	2.7B	18							
10						10										
18						18										
13	NP		17			13	NP		15							
4				113		4										
6						6										
-20	8	3.0B	18			-40	7	1.9B	20							

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 (%)
NP-No Recovery

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											n/a	n/a				
0					CLAY-gray-stiff to very stiff (A-6)	0					n/a	n/a				
6						6										
6						6										
6						6										
-45	10	2.8B	22			-45	10	2.8B	22							
6				113		6										
6						6										
-65						-65										
6						6										
10						10										
13						13										
-50	13	NP	15			-50	13	NP	15							
6						6										
7						7										
7						7										
10						10										
13						13										
-30	10	3.0P	17			-30	10	3.0P	17							
4						4										
6						6										
7						7										
3				117		3										
5						5										
-35	6	2.7B	18			-35	6	2.7B	18							
6						6										
13						13										
-55						-55										
3						3										
5						5										
-60						-60										

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TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS FOR RETAINING WALL III
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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