

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	304
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 Amber Court, Suite 204
Naperville, Illinois 60565
(630) 255-1236

PAGE 1 of 1
DATE August 8, 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 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-1
Station: 460+58
Offset: 28.5' Right
Ground Surface Elev. 687.3

Description	Elev. (ft)	Bulge (ft)	S-Shear (tsf)	P-Penetrometer (lbf)	ST-Shaly Tube Sample	VS-Vane Shear Test	SPT (blows)	
							(ft)	(tsf)
10.0' CONCRETE, 4.0' CRUSHED STONE	686.1						3	110
CLAY-brown & gray- very stiff (A-6) Fill	684.3		3.25P	15			6	1.7B 20
SILTY LOAM-brown & gray- medium dense (A-4) Fill	681.8		NP	2			4	110
SILTY CLAY-brown & gray- very stiff (A-6) Fill	679.3		2.75P	18			10	1.4B 20
CLAY-brown & gray- very stiff (A-6)	676.8		2.6B	18			8	3.3B 19
CLAY-gray- stiff to very stiff (A-6)	667.3		1.9B	19			7	1.5B 18

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-Shaly Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM T266) The Unit Dry Weight (pcf) is noted in italics above most (2)
NR-No Recovery

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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. RW-2
Station: 461+61
Offset: 28' Right
Ground Surface Elev. 687.3

Description	Elev. (ft)	Bulge (ft)	S-Shear (tsf)	P-Penetrometer (lbf)	ST-Shaly Tube Sample	VS-Vane Shear Test	SPT (blows)	
							(ft)	(tsf)
11.0' CONCRETE, 4.0' SAND & GRAVEL	686.05						5	118
CLAY-gray- medium stiff to stiff (A-6)	684.3		8.0B	15			12	2.9B 18
CLAY-brown & gray- very stiff to hard (A-6)	681.8						3	110
CLAY-brown & gray- very stiff (A-6)	679.3		6.25B	17			12	1.5B 18
CLAY-brown & gray- very stiff (A-6)	676.8		3.3B	19			8	3.3B 19
CLAY-gray- medium stiff to stiff (A-6)	667.3		1.5B	19			7	1.5B 18

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-Shaly Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM T266) The Unit Dry Weight (pcf) is noted in italics above most (2)
NR-No Recovery

TYLIN INTERNATIONAL

REVISIONS	
NAME	DATE

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

DESIGNED BY:
DRAWN BY:
CHECKED BY:

SCALE:
DATE: MAY 8, 2007

05/03/2007 04:31:48 PM P:\60245611\60N\road\60borwall_sbl1.dgn