F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	160B
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 Ambriar Court Suite 204
Naperville, Illinois 60565
(630) 355-2868

SOIL BORING LOG

PAGE 1 of 1
DATE April 12, 2007
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. P-3
Station: 451+32
Offset: 32' Right
Ground Surface Elev. 704.1

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 (%)
	4		
	4		
	4	3.25P	11
703.6			
	3		118
	4		
-5	4	1.48	20
	6		120
	6		
	7	5.5B	15
	6		
	5		
-10	10	3.25P	14
	8		118
	8		
	10		
	11	5.8B	16
	3		114
	4		
	8		
	11	4.0B	14
	3		118
-15	6		
	11		
	12	5.9B	15
	6		
	9		
	11		
	14	4.25P	20
	6		115
	7		
	12		
-20	13	4.7B	15

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
	9		115
	9		
	13		
	21	5.6B	15
	4		118
	8		
	9		
	13	4.1B	20
	2		
-25	4		
	6		
678.1	10	2.75P	16
-30			
-35			
-40			

10.0" CONCRETE
32.0" SANDY CLAY LOAM-loose

CLAY-brown & gray-
stiff to hard (A-6) Fill

CLAY-brown & gray-
stiff to hard (A-6) Fill

End Of Boring @ -26.0'
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 (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Ambriar Court Suite 204
Naperville, Illinois 60565
(630) 355-2868

SOIL BORING LOG

PAGE 1 of 1
DATE April 19, 2007
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. P-4
Station: 451+35
Offset: 5' Left
Ground Surface Elev. 705.0

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 (%)
	3		
	3		
	3	NP	10
702.0			
	4		102
	4		
-5	4	2.6B	19
	2		
	5		
	8	2.0P	18
	4		
	7		
-10	11	3.25P	15
	4		112
	5		
	7	3.6B	16
	4		
	7		
-15	13	4.5+P	9
	4		108
	7		
	11	4.3B	17
	4		
	6		
-20	8	2.75P	12

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
-25			
-30			
-35			
-40			

CLAY-brown & gray-
very stiff to hard (A-6) Fill 684.0

Auger Refusal @ -21.0'
Concrete Obstruction
End Of Boring
Hollow Stem Augers
CME-75 Automatic Hammer

3.0" CONCRETE,
33.0" SAND-brown-loose (Fill)

CLAY-brown & gray-
very stiff to hard (A-6) Fill

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS RTE 60 OVER I-94

SOIL BORING LOGS
LOGS P-3 AND P-4

SCALE: NONE DRAWN BY: KMA
DATE: MAY 8, 2007 CHECKED BY: PDF

T-Y LIN INTERNATIONAL

P:\60245811\ROD\road\60sbr_sht12.dgn
05/07/2007 11:45:35 AM