F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	160A
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 Amherst 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-1
Station: 451+38
Offset: 44' Left
Ground Surface Elev. 704.Ø

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 (%)	Material
				12.Ø" CONCRETE, 3Ø.Ø" CRUSHED STONE-loose
	9			
	6			
	3	NP	6	
7ØØ.5				
	4		114	CLAY-brown & gray- stiff to hard (A-6) Fill
	4			
-5	4	2.6B	17	
	4		114	
	6			
	6	3.7B	18	
	6		119	
	12			
-1Ø	7	4.9B	15	
	7			
	7			
	1Ø			
	12	6.Ø+P	16	
	4		113	
	4			
	8			
	8	1.4B	18	
	1		12Ø	
-15	2			
	4			
	9	4.9B	14	
	8		118	
	9			
	12			
	14	3.6B	16	
	4		112	
	6			
	9			
-2Ø	11	2.8B	19	

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	Material
	25		112	CLAY-brown & gray- stiff to hard (A-6) Fill
	7			
	1Ø			
	14	3.2B	18	
	5		11Ø	
	6			
	9			
	12	2.3B	2Ø	
	2		1Ø9	
-25	5			
	6			
678.Ø	7	2.3B	2Ø	
				End Of Boring @ -26.Ø' Hollow Stem Augers CME-75 Automatic Hammer
-3Ø				
-35				
-4Ø				

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

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SOIL BORING LOG

PAGE 1 of 1
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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 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-2
Station: 451+35
Offset: Baseline
Ground Surface Elev. 7Ø5.Ø

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 (%)	Material
				4.Ø" CONCRETE, 38.Ø" SAND-medium dense
	5			
	7			
	7	NP	11	
7Ø1.5				
	4		111	CLAY-brown & gray- stiff to hard (A-6) Fill
	6			
-5	8	3.7B	19	
	5			
	7			
	12	3.5P	16	
	5		114	
	9			
-1Ø	12	6.7B	17	
	4		119	
	5			
	7			
	1Ø	1.5B	15	
	1			
	3			
	8			
	12	6.Ø+P	19	
	4			
-15	8			
	12			
	12	6.Ø+P	16	
	7		117	
	9			
	14			
	14	5.2B	15	
	6		113	
	6			
	12			
685.Ø	-2Ø 16	2.2B	18	

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	Material
	5Ø/1"	NP	4	Auger Refusal @ -2Ø.Ø' Concrete Obstruction End Of Boring Hollow Stem Augers CME-75 Automatic Hammer
-25				
-3Ø				
-35				
-4Ø				

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

TY·LIN INTERNATIONAL

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS RTE 60 OVER I-94

SOIL BORING LOGS
LOGS P-1 AND P-2

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

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