

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	160E
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 Amberwood Lane, Suite 204  
Naperville, Illinois 60565  
(630) 255-2558

SOIL BORING LOG

PAGE 1 of 1  
DATE April 30, 2007  
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. P-9  
Station 452+66  
Offset 133' Left  
Ground Surface Elev. 688.3

DEPTH (ft)	BLOW COUNT (S)	UNIFIED SOIL CLASSIFICATION (USC)	MOISTURE (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elevation:	First Encounter	Upon Completion	After	DEPTH (ft)	BLOW COUNT (S)	UNIFIED SOIL CLASSIFICATION (USC)	MOISTURE (%)
	AS	1.0P	18	n/a	n/a								
	4									3			117
	3									6			
	3	2.75P	18			665.8				7	2.28		17
End Of Boring @ -22.5' Hollow Stem Augers D-50 Automatic Hammer													
	50/5'												
682.8	-5	2.75P	25							-25			
	5		186										
	8												
	10	2.98	22										
679.3	3												
	5												
	8	0.5P	41							-30			
676.3		0.25P	54										
	ST	0.25P	39										
	3												
	4												
672.8	-15	0.25P	33							-35			
	3												
	3												
	5	1.25P	21										
	3												
	6		115										
	8	2.39	18							-40			

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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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. P-10  
Station 452+91  
Offset 133' Left  
Ground Surface Elev. 687.3

DEPTH (ft)	BLOW COUNT (S)	UNIFIED SOIL CLASSIFICATION (USC)	MOISTURE (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elevation:	First Encounter	Upon Completion	After	DEPTH (ft)	BLOW COUNT (S)	UNIFIED SOIL CLASSIFICATION (USC)	MOISTURE (%)
	AS		17	n/a	n/a								
	3									3			
	4									4			
	3	2.25P	22							3	2.25P		22
684.3													
	2		98										
	3												
	5	1.70	24							-25			
	5		102										
	12												
	10	2.68	23										
679.3													
	3												
	4												
	3	0.75P	95							-30			
676.8													
	1		89										
	2												
	5	0.30	33										
674.3													
	2												
	6												
	6	2.0P	17							-35			
	3												
	7		117										
	7	1.58	19										
	4		115										
	7												
	8	3.98	16							-40			

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  
ILLINOIS RTE 60 OVER I-94  
SOIL BORING LOGS  
LOGS P-9 AND P-10  
SCALE: NONE  
DATE: MAY 8, 2007  
DRAWN BY: KMA  
CHECKED BY: PDF

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