

Geo Services Inc.
 Geotechnical, Environmental & Civil Engineering
 805 Amber Road, Suite 204
 Naperville, Illinois 60565
 (630) 351-2333

SOIL BORING LOG

PAGE 1 of 1
 DATE September 13, 2006
 LOGGED BY RJ
 GSI JOB No. 06119

ROUTE F.A.P. 335 (I.L. 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 Hand Auger HAMMER TYPE Manual Hammer

STRUCT. NO. SN-049-2012
 Station 432+83.16 to 470+54.86

BORING NO. B-19
 Station: 459+18
 Offset: 6' Left
 Ground Surface Elev. 688.0

Surface Water Elev.	<u>n/a</u>	D	B	U	M
Stream Bed Elev.	<u>n/a</u>	E	L	C	O
Groundwater Elevation:		P	O	S	I
First Encounter	<u>Dry</u>	T	W	S	S
Upon Completion	<u>Dry</u>	H	S	Qu	T
After _____ Hrs.		(ft)	(/6')	(tsf)	(%)

TOPSOIL-black
 Auger refusal @ -1.0'.
 AS - 4

End Of Boring @ -1.0'
 Hand Auger

Hand Auger offset 3 times and
 encountered refusal on large gravel
 at 1' each attempt

-5		-25	
-10		-30	
-15		-35	
-20		-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 (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery

Geo Services Inc.
 Geotechnical, Environmental & Civil Engineering
 805 Amber Road, Suite 204
 Naperville, Illinois 60565
 (630) 351-2333

SOIL BORING LOG

PAGE 1 of 1
 DATE August 10, 2006
 LOGGED BY RH
 GSI JOB No. 06119

ROUTE F.A.P. 335 (I.L. 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. B-20
 Station: 442+00
 Offset: 10' Left
 Ground Surface Elev. 708.4

Surface Water Elev.	<u>n/a</u>	D	B	U	M
Stream Bed Elev.	<u>n/a</u>	E	L	C	O
Groundwater Elevation:		P	O	S	I
First Encounter	<u>Dry</u>	T	W	S	S
Upon Completion	<u>Dry</u>	H	S	Qu	T
After _____ Hrs.		(ft)	(/6')	(tsf)	(%)

8.0' CONCRETE,
 4.0' CRUSHED STONE

4		117	
4			
5	5.38	18	

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

3		107	
4			
5	8	3.5B	18
3		117	
5			
7	6.4B	16	
3		117	
5			
7	3.5B	16	
2			
4			
7	5.75P	16	
5		109	
7			
15	10	4.0B	20
5		123	
6			
11	5.4B	13	

Auger refusal @ -20.0', unknown
 obstruction.
 End Of Boring @ -20.0'
 Hollow Stem Augers
 CME-55 Automatic Hammer

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-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 B-19 AND B-20

5/10/2007 8:50:40 AM P:\60245811\50119000\SOB\60B01.dwg