



BORING LOG CB-08

 Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 805 Amherst Court, Suite 204 Naperville, Illinois 60565 (630) 353-3838		SOIL BORING LOG		PAGE 1 of 1 DATE 8/4/10 LOGGED BY RJ GSI JOB No. 09173	
ROUTE <u>Il. Route 59 (FAP 338)</u> DESCRIPTION <u>Illinois Route 59-Aurora Avenue/New York Street To Ferry Road</u>		SECTION <u>(112 & 113) WRS-5</u> LOCATION <u>SEC. 3, 9-10, 15-16, 21-22 TWP. 38N, RNG. 9E, Naperville Township</u>			
COUNTY <u>DuPage</u> DRILLING METHOD <u>Hollow Stem Auger/Rotary</u> HAMMER TYPE <u>CME Automatic</u>		STRUCT. NO. <u>XXXX</u> Station: <u>XX</u> BORING NO. <u>CB-08</u> Station: <u>3963+25 IL RTE-59</u> Offset: <u>40.5' Right</u> Ground Surface Elev. <u>688.2</u>			
D E P T H S H	B L O W S Q u	U C S Q u	M O I S T T	D E P T H S H	B L O W S Q u
Surface Water Elev. <u>n/a</u> Stream Bed Elev. <u>n/a</u> Groundwater Elevation: First Encounter <u>669.7</u> Upon Completion <u>Cave In</u> After _____ Hrs. _____		(ft) (f/6") (tsf) (%) (ft) (f/6") (tsf) (%)			
18.0" TOPSOIL-black (Fill)		SILT-gray-medium dense (A-4) 667.7			
686.7 3		SAND & GRAVEL-gray-very dense (A-1) 50/3			
4 4.0P 15		CLAY LOAM-brown-very stiff to hard (A-6) Fill 665.2			
5 108		SAND-brown & gray-dense (A-3) 14			
8 2.1B 13		682.7 15 18 NP 18			
682.7 9 2.1B 13		SAND & GRAVEL-brown & gray-very dense (A-1) 25			
8 3.9B 17		660.2 50/3 NP 8			
6 108		SILT-gray-dense (A-4) 12			
7 2.6B 19		658.2-30 22 NP 9			
-10 7 2.6B 19		End Of Boring @ -30.0' Hollow Stem Augers CME Automatic Hammer			
3 118		6 108			
5 2.6B 20		6 2.9B 20			
6 2.9B 20		4 112			
7 2.4B 19		6 108			
669.7 6		7 2.7B 20			
9 16		5 108			
-20 9 - 16		7 2.7B 20			
-40		-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

BORING LOG CB-09

 Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 805 Amherst Court, Suite 204 Naperville, Illinois 60565 (630) 353-3838		SOIL BORING LOG		PAGE 1 of 1 DATE 8/5/10 LOGGED BY RJ GSI JOB No. 09173	
ROUTE <u>Il. Route 59 (FAP 338)</u> DESCRIPTION <u>Illinois Route 59-Aurora Avenue/New York Street To Ferry Road</u>		SECTION <u>(112 & 113) WRS-5</u> LOCATION <u>SEC. 3, 9-10, 15-16, 21-22 TWP. 38N, RNG. 9E, Naperville Township</u>			
COUNTY <u>DuPage</u> DRILLING METHOD <u>Hollow Stem Auger/Rotary</u> HAMMER TYPE <u>CME Automatic</u>		STRUCT. NO. <u>XXXX</u> Station: <u>XX</u> BORING NO. <u>CB-09</u> Station: <u>3964+25 IL RTE-59</u> Offset: <u>39.0' Right</u> Ground Surface Elev. <u>685.5</u>			
D E P T H S H	B L O W S Q u	U C S Q u	M O I S T T	D E P T H S H	B L O W S Q u
Surface Water Elev. <u>n/a</u> Stream Bed Elev. <u>n/a</u> Groundwater Elevation: First Encounter <u>659.5</u> Upon Completion <u>Cave In</u> After _____ Hrs. _____		(ft) (f/6") (tsf) (%) (ft) (f/6") (tsf) (%)			
18.0" TOPSOIL-black (Fill)		CLAY-gray-very stiff (A-6) 665.0			
684.0 3		CLAYEY SAND & GRAVEL-gray-dense (A-2) 10			
4 1.5P 23		682.5 4 1.5P 23			
682.5 4 1.5P 23		CLAY LOAM-dark gray & black-stiff (A-6) Fill 682.5			
4 108		12			
5 3.8B 16		10			
6 3.8B 16		-25 10 - 8			
4 108		LOAM-gray-medium dense to dense (A-4) 8			
5 3.1B 19		10			
5 116		15 NP 10			
6 3.7B 16		8			
675.0 -10 7 3.7B 16		20			
675.0 9		18 NP 10			
9 9		End Of Boring @ -30.0' Hollow Stem Augers CME Automatic Hammer			
7 NP 14		672.5 9			
5 108		672.5 7 NP 14			
7 2.7B 19		5 108			
-15 7 2.7B 19		7 2.4B 20			
-35		5 108			
5 108		7 2.4B 20			
7 2.4B 20		5 108			
6 2.7B 20		7 2.7B 20			
-20 6 2.7B 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

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DESIGNED - LAS	REVISED -
CHECKED - DAZ	REVISED -
DRAWN - SAW	REVISED -
CHECKED - LAS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS 3
STA. 3959 + 30.00 TO STA. 3964 + 32.50 S.N. 022-W061

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-7	DUPAGE	1156	876
CONTRACT NO. 60R30				

ILLINOIS FED. AID PROJECT