



BORING LOG RW-39

 <b>Geo Services, Inc.</b> Geotechnical, Environmental & Civil Engineering 805 Amherst Court, Suite 204 Naperville, Illinois 60565 (630) 355-3838		<b>SOIL BORING LOG</b>		PAGE 1 of 1 DATE 1/7/2011 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 &amp; 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</u> HAMMER TYPE <u>CME Automatic</u>		STRUCT. NO. <u>022-W051</u> Station: <u>4018+30 to 4020+80</u>			
BORING NO. <u>RW-39</u> Station: <u>4018+17 IL RTE-59</u> Offset: <u>50.5' Left</u> Ground Surface Elev. <u>711.9</u>		Surface Water Elev. <u>n/a</u> Stream Bed Elev. <u>n/a</u> Groundwater Elevation: First Encounter <u>Dry</u> Upon Completion <u>Dry</u> After _____ Hrs. _____		Surface Water Elev. <u>n/a</u> Stream Bed Elev. <u>n/a</u> Groundwater Elevation: First Encounter <u>Dry</u> Upon Completion <u>Dry</u> After _____ Hrs. _____	
SANDY TOPSOIL-dark brown 710.4 AS - 15 4 116		CLAY LOAM-dark brown-stiff (A-6) Fill 708.9 3 14 4 1.6B 14		CLAY-gray-very stiff to hard (A-6) 112 3 112 7 4.6B 18 11 4.6B 18	
SILTY CLAY-dark brown & gray-stiff (A-6) Wet 703.9 3 28 5 1.75P 28 2 91 3 1.5B 30		CLAY-brown & gray-hard (A-6) 118 3 118 5 15 8 4.5B 15 3 118 6 18 15 4.2B 18		SAND & GRAVEL-gray-medium dense (A-1) 12 3 108 4 108 5 2.25B 17 5 12.7% 17 686.6 3 10 6 11 7 NP 12 704.1 1 95 2 9 4 1.9B 26 701.6 1 17 1 679.6 1 NP 17 4 118 6 4 15 2.75B 17 677.1-35 7 1.5B 19 696.6 4 114 8 11 11 4.8B 18 4 114 6 18 10 5.3B 18 40	
CLAY-gray-very stiff to hard (A-6) 114 7 16 9 16 11 5.6B 16 4 114 7 16 20 9 5.2B 17		End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer		End Of Boring @ -35.0' Hollow Stem Augers CME 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					

BORING LOG RW-40

 <b>Geo Services, Inc.</b> Geotechnical, Environmental & Civil Engineering 805 Amherst Court, Suite 204 Naperville, Illinois 60565 (630) 355-3838		<b>SOIL BORING LOG</b>		PAGE 1 of 1 DATE 1/6/2011 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 &amp; 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</u> HAMMER TYPE <u>CME Automatic</u>		STRUCT. NO. <u>022-W051</u> Station: <u>4018+30 to 4020+80</u>			
BORING NO. <u>RW-40</u> Station: <u>4018+83 IL RTE-59</u> Offset: <u>47.5' Left</u> Ground Surface Elev. <u>712.1</u>		Surface Water Elev. <u>n/a</u> Stream Bed Elev. <u>n/a</u> Groundwater Elevation: First Encounter <u>701.6</u> Upon Completion <u>690.1</u> After _____ Hrs. _____		Surface Water Elev. <u>n/a</u> Stream Bed Elev. <u>n/a</u> Groundwater Elevation: First Encounter <u>701.6</u> Upon Completion <u>690.1</u> After _____ Hrs. _____	
SANDY TOPSOIL with Stone-dark brown 711.1 AS - 11 6 105 4 4 4 3.0P 18 CLAY-gray-stiff to hard (A-6) 4 1.9B 21		CLAY LOAM-brown-very stiff (A-6) Fill 108 3 108 5 2.25B 17 5 12.7% 17 686.6 3 10 6 11 7 NP 12 704.1 1 95 2 9 4 1.9B 26 701.6 1 17 1 679.6 1 NP 17 4 118 6 4 15 2.75B 17 677.1-35 7 1.5B 19 696.6 4 114 8 11 11 4.8B 18 4 114 6 18 10 5.3B 18 40		SAND & GRAVEL-gray-medium dense (A-1) 12 3 108 4 108 5 2.25B 17 5 12.7% 17 686.6 3 10 6 11 7 NP 12 704.1 1 95 2 9 4 1.9B 26 701.6 1 17 1 679.6 1 NP 17 4 118 6 4 15 2.75B 17 677.1-35 7 1.5B 19 696.6 4 114 8 11 11 4.8B 18 4 114 6 18 10 5.3B 18 40	
TOPSOIL-black 704.1 3 108 6 11 7 2.6B 20		SILTY CLAY-brown & gray-stiff (A-6) Wet 118 3 118 5 15 8 4.5B 15 3 118 6 18 15 4.2B 18		SAND-brown & gray-medium dense (A-3) 15 4.2B 18 676.9-35 13 4.2B 12 7 114 9 16 11 5.6B 16 4 114 7 16 20 9 5.2B 17	
CLAY-brown & gray-hard (A-6) 118 3 118 5 15 8 4.5B 15 3 118 6 18 15 4.2B 18		CLAY-gray-stiff (A-6) 118 3 118 5 15 8 4.5B 15 3 118 6 18 15 4.2B 18		CLAY-gray-stiff to hard (A-6) 114 7 16 9 16 11 5.6B 16 4 114 7 16 20 9 5.2B 17	
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					

FILE NAME = ...60R31-W051-011-BoringLog.dgn



DESIGNED - JLA	REVISED -
CHECKED - LAS	REVISED -
DRAWN - SAW	REVISED -
DATE - 12/14/2012	CHECKED - JLA
	REVISED -

SCALE - NONE	CHECKED - JLA
DATE - 12/14/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS 1  
STA. 4018 + 30.06 TO STA. 4020 + 80.00 S.N. 022-W051**

SHEET NO. SC-11 OF SC-12 SHEETS

F.A.P. RTE. 338	SECTION (112 & 113) WRS-6	COUNTY DUPAGE	TOTAL SHEETS 734	SHEET NO. 519
CONTRACT NO. 60R31				
ILLINOIS FED. AID PROJECT				