



BORING LOG RW-45

 <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 3/15/2011 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-W052</u> Station: <u>4017+20 to 4023+30</u>			
BORING NO. <b>RW-45</b> Station: <u>4020+36 IL RTE-59</u> Offset: <u>69.5' Right</u> Ground Surface Elev. <u>708.0</u>		Surface Water Elev. <u>n/a</u> Stream Bed Elev. <u>n/a</u> Groundwater Elevation: First Encounter <u>681.0</u> ▼ Upon Completion <u>693.0</u> ▼ After _____ Hrs. _____ ▼		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
CLAY LOAM—dark brown & gray—very stiff (A-6) Fill 704.5		CLAY—gray—stiff to hard (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
SILTY CLAY—dark gray to black—very stiff (A-6) Wet 702.0		CLAY—gray—stiff to hard (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
SILTY CLAY—brown & gray—medium stiff to stiff (A-6) Wet 697.0		CLAY—gray—stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
Clayey SAND—gray—medium dense (A-2) 676.0		CLAY—gray—stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
CLAY—gray—stiff to hard (A-6) 673.0		CLAY—gray—stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer		CLAY—gray—stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer		CLAY—gray—stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	

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-46

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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-W052</u> Station: <u>4017+20 to 4023+30</u>			
BORING NO. <b>RW-46</b> Station: <u>4020+91 IL RTE-59</u> Offset: <u>68.5' Right</u> Ground Surface Elev. <u>705.3</u>		Surface Water Elev. <u>n/a</u> Stream Bed Elev. <u>n/a</u> Groundwater Elevation: First Encounter <u>693.3</u> ▼ Upon Completion <u>695.3</u> ▼ After _____ Hrs. _____ ▼		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
CLAY LOAM—dark brown, gray & black—medium stiff to stiff (A-6) Fill 699.3		CLAY—gray—stiff to very stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
SILTY CLAY—dark brown & gray—soft to medium stiff (A-6) Wet 693.8		CLAY—gray—stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
CLAY—gray—stiff (A-6) 692.8		CLAY—gray—stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
Silty SAND & GRAVEL—gray—loose (A-1) 689.3		CLAY—gray—stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
CLAY—gray—stiff to very stiff (A-6) 670.3		CLAY—gray—stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer		CLAY—gray—stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	
End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer		CLAY—gray—stiff (A-6)		DEPT H S Qu T BLOW COUNT U.C.S. (tsf) M.O.I.S.T. (%)	

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 NR—No Recovery

FILE NAME = ...EGP42-W052-014-Bor-mg-Log2.dgn



USER NAME = SAW	DESIGNED - LAS	REVISED -
CHECKED - DAZ	REVISIONS -	
PLOT SCALE = 2.00' / IN.	DRAWN - SAW	REVISED -
PLOT DATE = 5/4/2012	CHECKED - LAS	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS 2  
STA. 4017+22.00 TO STA. 4023+28.14 SN 022-W052**

F.A.P. RTE. 338	SECTION 2011-036-1	COUNTY DUPAGE	TOTAL SHEETS 234	SHEET NO. 124
CONTRACT NO. 60P42				
ILLINOIS FED. AID PROJECT				

*BORING LOGS 2  
SN 022-W052*

SHEET NO. SE-14 OF SE-14 SHEETS