

BORING LOG RW-43

PAGE 1 of 1
DATE 3/14/2011
LOGGED BY RJ
GSI JOB No. 09173

SOIL BORING LOG

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-3838

ROUTE Il. Route 59 (FAP 338) DESCRIPTION Illinois Route 59-Aurora Avenue/New York Street To Ferry Road
SECTION (112 & 113) WRS-5 LOCATION SEC. 3, 9-10, 15-16, 21-22 TWP. 38N, RNG. 9E, Naperville Township
COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 022-W052 Station: 4017+20 to 4023+30
BORING NO. **RW-43** Station: 4019+20 IL RTE-59
Offset: 59.0' Right
Ground Surface Elev. 703.4

DEPTH H S	BLOW COUNT Qu	UCS (tsf)	MOISTURE T	Description	ELEVATION (ft)	DEPTH H S	BLOW COUNT Qu	UCS (tsf)	MOISTURE T	Description	ELEVATION (ft)
				TOPSOIL-black	702.4						
	2		41								
	3		87	CLAY-gray-stiff to hard (A-6)							110
	4	1.98	24	SILTY CLAY-dark brown & gray-stiff (A-6) Wet	680.4						
	3		112								
	4										
	5	3.78	16	CLAY-brown & gray-very stiff to hard (A-6)							
	5		111								
	9										
	11	6.25B	16	Clayey SAND & GRAVEL-gray-medium dense to dense (A-1/A-2)							
	3		116		694.4						
	5										
	7	4.2B	17								
	3		110								
	5										
	8	4.6B	17	CLAY-gray-stiff to hard (A-6)							
	4		107								
	6										
	8	2.8B	19		668.4						
	3			End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer							
	5										
	7	3.0P	17								
	2		105								
	3										
	20	3	1.0B								

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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COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 022-W052 Station: 4017+20 to 4023+30
BORING NO. **RW-44** Station: 4019+78 IL RTE-59
Offset: 59.5' Right
Ground Surface Elev. 702.7

DEPTH H S	BLOW COUNT Qu	UCS (tsf)	MOISTURE T	Description	ELEVATION (ft)	DEPTH H S	BLOW COUNT Qu	UCS (tsf)	MOISTURE T	Description	ELEVATION (ft)
				TOPSOIL-black	701.7						
	5		33								
	6		98	CLAY-gray-stiff to hard (A-6)							108
	8	3.2B	24	SILTY CLAY-black-very stiff (A-6)							
	2										
	2										
	2	2.5P	18	CLAY LOAM-brown & gray-very stiff (A-6)							
	4		120								
	7	2.95B		SAND & GRAVEL-gray-medium dense (A-1)							
	10	12.7B	13								
	4		125								
	8										
	10	4.0B	13	CLAY to CLAY LOAM-gray-stiff (A-6)							
	4		118								
	7										
	9	2.7B	16	CLAY-gray-stiff to hard (A-6)							
	3		116								
	7										
	9	3.5B	18								
	3		114								
	7										
	9	4.4B	16	End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer							
	3		114								
	7										
	9	3.5B	18								
	3		111								
	5										
	7	2.6B	19		667.7						

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 LOGS 1
SN 022-W052

FILE NAME = ...EGP42-W052-013-Bor-mg-log.dgn



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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS 1
STA. 4017+22.00 TO STA. 4023+28.14 SN 022-W052**

SHEET NO. SE-13 OF SE-14 SHEETS

F.A.P. RTE. 338	SECTION 2011-036-1	COUNTY DUPAGE	TOTAL SHEETS 234	SHEET NO. 123
CONTRACT NO. 60P42				
ILLINOIS FED. AID PROJECT				