BORING LOG RW-32

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630)-355-2638

SOIL BORING LOG

PAGE 1 of 1
DATE 4/28/2011
LOGGED BY MD
GSI JOB No. 09173

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–W049
Station: 3998+15 to 4000+80
BORING NO. **RW–32**
Station: 4000+03 Il. RTE–59
Offset: 49.5' Left
Ground Surface Elev. 711.0

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 677.5
Upon Completion 677.0
After ____ Hrs.

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	
709.7				15.0" ASPHALT
	5			
	7			CLAY LOAM with Asphalt & Stone–
	10	–	16	gray–medium dense (Fill)
708.0				
	3		*118*	
	6			
–5	8	6.0B	15	
	3		*116*	
	6			CLAY LOAM–brown & gray–
	7	3.1B	14	very stiff to hard (A–6)
	4		*115*	
	6			
–10	8	4.25B	17	
700.5				
	3		*116*	
	5			
	7	4.5B	16	
	3		*109*	
	5			CLAY–gray–very stiff to hard (A–6)
–15	5	2.0B	20	
	3		*110*	
	5			
	7	4.1B	19	
	2		*109*	
	3			
–20	4	2.7B	19	

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	
	3		*110*	CLAY–gray–very stiff to hard (A–6)
	5			
	8	3.9B	19	
688.0				
	5		*119*	
	6			
–25	8	3.8B	12	
	5		*119*	
	6			
	8	3.3B	13	CLAY LOAM–gray–
	7		*119*	very stiff to hard (A–6)
	10			
–30	13	6.2B	13	
	9			
	9			Silt seams from –33.5' to –35.0'.
676.0 –35	10	2.25P	13	
				End Of Boring @ –35.0'
				Hollow Stem Augers
				CME Automatic Hammer
–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 RW-33

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COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 022–W049
Station: 3998+15 to 4000+80
BORING NO. **RW–33**
Station: 4000+61 Il. RTE–59
Offset: 52.5' Left
Ground Surface Elev. 710.4

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 684.9
Upon Completion 678.0
After ____ Hrs.

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	
709.1				15.0" ASPHALT
	9			
	12			
	15	4.5P	13	CLAY LOAM with Stone–
704.9				brown & gray–medium dense (Fill)
	14			
	14			
–5	12	–	15	
	3			
	5			SILTY CLAY–brown & gray–
	5	3.5P	15	very stiff (A–4/A–6)
702.4				
	4			
	7			CLAY LOAM–brown–very stiff (A–6)
–10	9	3.0P	14	
699.9				
	5		*119*	
	7			
	10	4.2B	14	
	3		*114*	
	6			CLAY–gray–stiff to hard (A–6)
–15	9	4.7B	18	
	3		*110*	
	6			
	8	3.25B	19	
	3		*108*	
	4			
–20	5	2.0B	21	

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	
	3		*108*	CLAY–gray–stiff to hard (A–6)
	5			
	7	1.4B	21	
687.4				
	4		*120*	
	6			
–25	8	3.4B	13	
	4		*123*	
	7			
	9	4.8B	12	CLAY LOAM–gray–
	6		*112*	very stiff to hard (A–6)
	11			
–30	15	6.5B	18	
	9		*126*	
	11			
675.4 –35	13	1.5B	12	
				End Of Boring @ –35.0'
				Hollow Stem Augers
				CME Automatic Hammer
–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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ZROKA engineering
Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

	DESIGNED - JLA	REVISED -
	CHECKED - LAS	REVISED -
SCALE - NONE	DRAWN - SAW	REVISED -
DATE - 12/14/2012	CHECKED - JLA	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS 2
STA. 3998+14.82 TO STA. 4000+80.06 SN 022–W049
SHEET NO. SB-10 OF SB-10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	508
		CONTRACT NO. 60R31		
	ILLINOIS	FED. AID PROJECT		