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SOIL BORING LOG

PAGE 1 of 1
DATE 4/30/2012
LOGGED BY RT
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 Hand Auger HAMMER TYPE n/a

STRUCT. NO. 022-W064
Station: 4048+90 to 4052+85.09
BORING NO. RW-66
Station: 4052+73 IL RTE-59
Offset: 133.2' Right
Ground Surface Elev. 702.6

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 696.6
Upon Completion
After ___ Hrs.

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL–black			HA	–	27
	700.1				
SILTY CLAY–dark brown & gray–stiff (A–6) Wet			HA	1.0P	25
	698.1				
CLAY–brown & gray–stiff to hard (A–6)		–5	HA	1.75P	20
			HA	4.5+P	16
			HA	4.5P	19
		–10	HA	3.0P	21
	690.6				
Auger Refusal @ –12.0' End Of Boring Hand Auger		–15			
		–20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
–25			
–30			
–35			
–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 HA–Hand Auger