

Geo SERVICES, Inc. Geotechnical, Environmental & Civil Engineering 805 Archer St., Suite 204 Naperville, Illinois 60565 (630) 421-2236		SOIL BORING LOG		PAGE 1 of 2	
ROUTE <u>IL Route 59 (FAP 338)</u>		DESCRIPTION <u>Illinois Route 59-Aurora Avenue/New York Street To Ferry Road</u>		DATE <u>12/23/2011</u>	
SECTION <u>(112 & 113) WRS-5</u>		LOCATION <u>SEC. 3, 9-10, 15-16, 21-22 TWP. 38N, RNG. 9E, Naperville Township</u>		LOGGED BY <u>RJ</u>	
COUNTY <u>DuPage</u>		DRILLING METHOD <u>Hollow Stem Auger/Rotary</u>		HAMMER TYPE <u>CME Automatic</u>	
STRUCT. No. <u>022-2029 SB</u>		Surface Water Elev. <u>n/a</u>		D E P T H	
Station: <u>4058+30.47 IL Rte. 59</u>		Stream Bed Elev. <u>n/a</u>		B L O W S	
BORING NO. <u>BS-06</u>		Groundwater Elevation:		U C S	
Station: <u>4058+40 IL Rte. 59</u>		First Encounter <u>Dry to -10.0'</u>		M O I S T	
Offset: <u>77.0' Right</u>		Upon Completion <u>n/a</u>		Qu	
Ground Surface Elev. <u>706.2</u>		After _____ Hrs. <u>∇</u>		(ft) (/6") (tsf) (%)	
6.0" ASPHALT <u>705.7</u>					
CRUSHED STONE--dense (Fill)					
<u>703.2</u>					
CLAY LOAM--brown-- very stiff to hard (A-6)		CLAY LOAM--gray-- stiff to very stiff (A-6)			
<u>694.2</u>					
CLAY--gray--very stiff (A-6)					
<u>690.7</u>					
CLAY LOAM--gray-- stiff to very stiff (A-6)					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (BS--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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Ground Surface Elev. <u>706.2</u>		After _____ Hrs. <u>∇</u>		(ft) (/6") (tsf) (%)	
CLAY LOAM--gray-- stiff to very stiff (A-6)					
<u>664.2</u>					
Clayey SAND & GRAVEL--gray-- medium dense (A-2)		SILTY LOAM to LOAM--gray-- very dense (A-4)			
<u>659.2</u>					
SANDY CLAY LOAM--gray-- very dense (A-2)		Clayey SAND & GRAVEL--gray-- very dense (A-2)			
<u>634.2</u>					
SAND--gray--very dense (A-3)		End Of Boring @ -75.0' Hollow Stem Augers to -10.0' Rotary Drilling To Completion CME Automatic Hammer 10.0' Of 4.0" Casing Used			
<u>631.2</u>					
SILTY LOAM to LOAM--gray-- very dense (A-4)					
<u>649.2</u>					

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