

Geo SERVICES, Inc. Geotechnical, Environmental & Civil Engineering 805 Arden Court, Suite 204 Naperville, Illinois 60565 (630) 221-2236		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>1/3/2012</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-05</u>		Groundwater Elevation:		U C S	
Station: <u>4057+33 IL Rte. 59</u>		First Encounter <u>Dry to -10.0'</u>		M O I S T	
Offset: <u>159.1' Right</u>		Upon Completion <u>n/a</u>		Qu	
Ground Surface Elev. <u>696.4</u>		After _____ Hrs.		(ft) (/6") (tsf) (%)	
6.0" TOPSOIL-dark brown to black <u>695.9</u>		CLAY LOAM-gray-very stiff (A-6) <u>675.9</u>			
CLAY LOAM-dark brown-hard (A-6) Fill		SANDY CLAY LOAM-gray-medium dense (A-6)			
SILTY CLAY-dark brown & gray-stiff (A-6)		SAND & GRAVEL-gray-medium dense (A-1)			
SILTY LOAM-brown-medium dense (A-4)		CLAY-gray-very stiff (A-6)			
CLAY-gray-stiff to very stiff (A-6)		SILTY LOAM-brown & gray-medium dense (A-4)			
CLAY LOAM-gray-very stiff (A-6)		CLAY-gray-very stiff (A-6)			
CLAY LOAM-gray-very stiff (A-6)		SANDY CLAY LOAM with Fractured Rock-gray-very dense (A-2)			
CLAY LOAM-gray-very stiff (A-6)		CLAY LOAM-gray-hard (A-6)			
CLAY LOAM-gray-very stiff (A-6)		SILTY LOAM-gray-very dense (A-4)			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (BS-Bulge, S-Shear, P-Penetrometer) ST-S 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>696.4</u>		After _____ Hrs.		(ft) (/6") (tsf) (%)	
CLAY-gray-very stiff (A-6)		SILTY LOAM-gray-very dense (A-4)			
SILTY SAND & GRAVEL-gray-medium dense (A-2)		SANDY LOAM-gray-very dense (A-2)			
SANDY CLAY LOAM with Fractured Rock-gray-very dense (A-2)		CLAY LOAM-gray-hard (A-6)			
CLAY LOAM-gray-very stiff (A-6)		SILTY LOAM-gray-very dense (A-4)			

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KNIGHT
Engineers & Architects

DESIGNED - GSI	REVISED
CHECKED - WPM	REVISED
DRAWN - TB	REVISED
CHECKED - WPM	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
S.N. 022-2029 (SB) TOLLWAY B.N. 826
S.N. 022-2030 (NB) TOLLWAY B.N. 825
SHEET NO. SA-60 OF 63 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-5	DUPAGE	963	644
CONTRACT NO. 60131				
ILLINOIS FED. AID PROJECT				