

PAGE 1 of 2

SOIL BORING LOG

DATE 1/3/2012
LOGGED BY RJ
GSI JOB No. 09173

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Ardmore Court, Suite 204
Naperville, Illinois 60565
(630) 251-3366

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/Rotary HAMMER TYPE CME Automatic

STRUCT. No. 022-2029 SB
Station: 4058+30.47 Il. Rte. 59
BORING NO. **BS-05**
Station: 4057+33 Il. Rte. 59
Offset: 159.1' Right
Ground Surface Elev. 696.4

DEPTH H (ft)	BLOW S (/ft)	UCS Qu (tsf)	MOIST T (%)	Surface Water Elev.		Stream Bed Elev.		DEPTH H (ft)	BLOW S (/ft)	UCS Qu (tsf)	MOIST T (%)
				n/a	n/a	n/a	n/a				
6.0' TOPSOIL-dark brown to black 695.9				CLAY LOAM-gray-very stiff (A-6) 675.9							
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)							

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 (ASTM 1206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

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				n/a	n/a	n/a	n/a				
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-hard (A-6)				SILTY LOAM-gray-very dense (A-4)							

End Of Boring @ -65.0'
Hollow Stem Augers to -10.0'
Rotary Drilling To Completion
CME Automatic Hammer
10.0' Of 4.0" Casing Used

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