

Geo SPT/CAS Inc. Geotechnical, Environmental & Civil Engineering
805 Ardmore Center, Suite 204
Naperville, Illinois 60565
(630) 251-2266

SOIL BORING LOG PAGE 1 of 3
DATE 1/6-1/7/2012
LOGGED BY RJ
GSI JOB No. 09173

ROUTE II, 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. 022-2030 NB, 022-2029 SB
Station: 4058+30.47 IL Rte. 59
BORING NO. **BS-08**
Station: 4060+71 IL Rte. 59
Offset: 28.4' Right
Ground Surface Elev. 728.3

DEPTH (ft)	BLOW COUNT (SPT)	U.C.S. (psi)	M.O.I.S.T. (%)	Soil Description		DEPTH (ft)	BLOW COUNT (SPT)	U.C.S. (psi)	M.O.I.S.T. (%)
				Soil Description	Soil Description				
0				14.0" ASPHALT, 4.0" CRUSHED STONE					
7				CLAY LOAM-brown & gray-stiff to very stiff (A-6) Fill					
10				SILTY CLAY LOAM-brown & gray-stiff (A-4/A-6)					
13				CLAY-brown & gray-stiff (A-6)					
16				CLAY-gray-hard (A-6)					
19				Clayey SAND & GRAVEL-gray-loose to medium dense (A-2)					
22				GRAVEL-brown-medium dense (A-1) Fill					

The Unconfined Compressive Strength (UCS) Figure Made is indicated by (HS-Bulge, S-Shear, P-Penetrometer) SI-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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				Soil Description	Soil Description				
0				CLAY LOAM-gray-stiff to very stiff (A-6)					
10				Clayey SAND & GRAVEL-gray-loose to medium dense (A-2)					
13				CLAY LOAM-gray-stiff to very stiff (A-6)					
16				Clayey SAND & GRAVEL-gray-very dense (A-2)					
19				CLAY LOAM-gray-stiff to very stiff (A-6)					
22				SANDY CLAY LOAM-gray-dense (A-2)					

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				Soil Description	Soil Description				
0				SANDY CLAY LOAM-gray-dense (A-2)					
10				Clayey SAND & GRAVEL-gray-very dense (A-2)					
13				SANDY LOAM-gray-very dense (A-2)					
16				SAND, GRAVEL & FRACTURED ROCK-gray-very dense (A-1)					
19				End Of Boring @ -95.0' Hollow Stem Augers to -10.0' Rotary Drilling To Completion CME Automatic Hammer 10.0' Of 4.0" Casing Used					

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