

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, R10E, 9E, Naperville Township  
 COUNTY DuPage DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE CME Automatic

STRUCT. No. 022-2030 NB  
 Station: 4058+30.47 II. Rte. 59  
 BORING NO. **BS-02**  
 Station: 4058+86 II. Rte. 59  
 Offset: 99.5' Left  
 Ground Surface Elev. 705.6

DEPTH (ft)	BLOW COUNT (blows/ft)	UNSATURATED MOISTURE (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elevation (ft)	First Encounter Upon Completion (ft)	After (Hrs.)	DEPTH (ft)	BLOW COUNT (blows/ft)	UNSATURATED MOISTURE (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elevation (ft)	First Encounter Upon Completion (ft)	After (Hrs.)
0.0			n/a	n/a				0.0			n/a	n/a			
9.0	AS	22						9.0							
3								3							
4	1.75P	20						4	2.68	12					
CLAY LOAM-dark brown & black-stiff (A-6) Fill								6							
3								3							
3								7							
5	1.75P	20						5	7	NR					
2								4		122					
2								5							
2	1.75P	17						6	2.38	14					
697.6								697.6							
3		110						6							
3								10							
10	3.88P	17						10	NP	28					
CLAY-gray-very stiff to hard (A-6)								11							
4		88						6							
5								6							
10	4.78P	21						6							
673.6								6							
3		108						3		112					
5								6							
15	2.38P	21						6	1.68	19					
690.1								6							
CLAY to CLAY LOAM-gray-stiff to very stiff (A-6)								6							
6								6							
9								11	NP	17					
687.6								3		127					
CLAY LOAM-gray-stiff to very stiff (A-6)								5							
3								4							
5								5							
20	1.88P	12						7	2.88	21					

The Unconfined Compressive Strength (UCS) Figure Made 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 D206) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
 NR-No Recovery

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CLAY to CLAY LOAM-gray-stiff to very stiff (A-6)								CLAY to CLAY LOAM-gray-stiff to very stiff (A-6)							
663.6								663.6							
CLAY LOAM-dark brown & black-stiff (A-6) Fill								SILTY LOAM-gray-very dense (A-4)							
3								100.5'							
3								28							
5	1.75P	20						39							
697.6								640.6-65	31	NP	19				
CLAY LOAM-gray-stiff to very stiff (A-6)								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							
3															
3															
10	3.88P	17						10	NP	11					
CLAY-gray-very stiff to hard (A-6)								663.6							
4		88													
5															
10	4.78P	21													
673.6															
3		108													
5															
15	2.38P	21													
690.1															
SILTY SAND & GRAVEL-gray-medium dense (A-2)								CLAY to CLAY LOAM-gray-stiff to very stiff (A-6)							
6								6							
9								6							
11	NP	17						11	NP	19					
687.6								648.6							
CLAY LOAM-gray-stiff to very stiff (A-6)															
3															
5															
20	1.88P	12													

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