

Geo Services Inc. Geotechnical, Environmental & Civil Engineering
805 Abbott Circle, Suite 204
Naperville, Illinois 60563
(630) 221-2220

SOIL BORING LOG

PAGE 1 of 2
DATE 12/27/2011
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. 022-2029 SB
Station: 4058+30.47 IL Rte. 59
BORING NO. BS-07
Station: 4059+58 IL Rte. 59
Offset: 120.5' Right
Ground Surface Elev. 706.0

DEPTH (ft)	BLOW COUNT (blows/ft)	UNCONSOLIDATED QUANTITY (%)	MOISTURE (%)	SOIL DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows/ft)	UNCONSOLIDATED QUANTITY (%)	MOISTURE (%)
0-4	AS	15		CLAY LOAM-stiff to very stiff (A-6) 686.5	0-4			
4-8	4			SANDY CLAY LOAM-gray-medium dense (A-2) 683.0	4-8	13		
8-10	8	4.5P	18		8-11	8		11
10-14	7			SILTY CLAY-dark gray to black-stiff (A-6) Wet 700.5	10-12	1		12.8
14-18	4				12-18	6		12.8
18-22	5	1.8P	29	CLAY LOAM-brown-very stiff (A-6) 693.0	18-21	7	2.0P	12
22-26	5				21-26	5		13.0
26-28	8			CLAY LOAM-brown-very stiff (A-6) 693.0	26-28	8		11
28-30	8				28-30	8		11
30-32	5			CLAY LOAM-gray-very stiff (A-6) 693.0	30-32	5		12.3
32-34	6				32-34	6		12.3
34-36	10	3.2P	17	CLAY LOAM-gray-very stiff (A-6) 693.0	34-36	10		11.3
36-38	8				36-38	8		11.3
38-40	8	3.5P	18	CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	38-40	8		11.3
40-42	5				40-42	5		11.6
42-44	5			CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	42-44	9		17
44-46	15	2.3P	20		44-46	15	3.1P	17
46-48	3			CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	46-48	3		10.0
48-50	3				48-50	5	1.3P	22
50-52	5			CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	50-52	12		11.8
52-54	16				52-54	6		11.8
54-56	20	1.5P	23	CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	54-56	4		11.8
56-58	19				56-58	6		11.8
58-60	19	1.5P	23	CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	58-60	7	2.9P	19
60-62	19				60-62	7	2.9P	19

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (BS-Bulge, S-Shear, P-Penetrometer) S1-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 1206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

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0-4				CLAY LOAM-gray-very stiff (A-6) 684.0	0-4			
4-8				SANDY CLAY LOAM-gray-medium dense (A-2) 683.0	4-8			
8-10					8-11			
10-14				SILTY LOAM-gray-medium dense (A-4) 641.0-65.83 NP 18	10-12			53
14-18					12-18			75
18-22				CLAY LOAM-gray-very stiff (A-6) 686.5	18-21			12
22-26					21-26			13.0
26-28				CLAY LOAM-brown-very stiff (A-6) 693.0	26-28			11
28-30					28-30			11
30-32				CLAY LOAM-gray-very stiff (A-6) 693.0	30-32			12.3
32-34					32-34			12.3
34-36				CLAY LOAM-gray-very stiff (A-6) 693.0	34-36			11.3
36-38					36-38			11.3
38-40				CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	38-40			11.3
40-42					40-42			11.6
42-44				CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	42-44			17
44-46					44-46			17
46-48				CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	46-48			10.0
48-50					48-50			11.3
50-52				CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	50-52			11.8
52-54					52-54			11.8
54-56				CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	54-56			11.8
56-58					56-58			11.8
58-60				CLAY LOAM-gray-stiff to very stiff (A-6) 693.0	58-60			11.8
60-62					60-62			11.8

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