

Geo SERVICES Inc.		SOIL BORING LOG		PAGE 1 of 3	
Geotechnical, Environmental & Civil Engineering 805 Ardmore Center, Suite 204 Naperville, Illinois 60565 (630) 241-2248		DATE 12/21-22/2011		LOGGED BY RJ	
ROUTE II, Route 59 (FAP 338)		DESCRIPTION Illinois Route 59-Aurora Avenue/New York Street To Ferry Road		GSI JOB No. 09173	
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		Surface Water Elev. n/a		DEPT H	
Station: 4058+30.47 IL Rte. 59		Stream Bed Elev. n/a		BLOW S	
BORING NO. BS-01		Groundwater Elevation:		U C S	
Station: 4058+62 IL Rte. 59		First Encounter Dry to -10.0'		M O I S T	
Offset: 28.5' Left		Upon Completion n/a		Qu	
Ground Surface Elev. 728.8		After Hrs.		(ft) (/6") (tsf) (%)	
12.0" ASPHALT, 6.0" CRUSHED STONE					
725.3					
10		SILTY CLAY LOAM-brown-very stiff (A-4/A-6) Fill		6	
10				6	
8 7.4B 14				8 2.0B 15	
		709.8			
8				6	
8				7	
-5 9 6.5B 17				-25 9 2.2B 23	
CLAY LOAM-brown & gray-stiff to hard (A-6) Fill		CLAY LOAM-dark brown & gray-stiff to very stiff (A-6) Fill			
6				3	
5				4	
5 4.8B 16				5 1.3B 24	
Some crushed stone from -8.5' to -10.0'					
8				4	
7				4	
-10 9 3.5P 13				-30 10 1.3B 24	
5					
5				6	
6 1.25P 16				6	
5				7	
7		CLAY-gray-very stiff (A-6)		7	
-15 9 3.7B 15				-35 8 3.3B 23	
5					
6				6	
9 2.2B 15				6	
708.8				688.8	
8		SILTY CLAY LOAM-brown-very stiff (A-4/A-6) Fill		14	
6 2.75P				13	
-20 7 11.3B 13				-40 8 2.0P 10	

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 T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
NR-No Recovery

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Offset: 28.5' Left		Upon Completion n/a		Qu	
Ground Surface Elev. 728.8		After Hrs.		(ft) (/6") (tsf) (%)	
CLAY LOAM-gray-very stiff (A-6)					
684.8					
8		CLAY-gray-stiff to hard (A-6)		8	
14				37	
-45 8 1.7B 15				-65 29 3.0B 24	
CLAY-gray-stiff to hard (A-6)					
658.8					
6				11	
9				31	
-50 10 4.4B 18				-70 50/2" - 10	
SANDY CLAY LOAM with Fractured Rock-gray-very dense (A-2)					
8				43	
14				62	
-55 21 4.0B 19				-75 50/2" - 9	
7				68	
9				50	
-60 10 1.9B 20				-80 50/2" - 9	

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Offset: 28.5' Left		Upon Completion n/a		Qu	
Ground Surface Elev. 728.8		After Hrs.		(ft) (/6") (tsf) (%)	
SANDY CLAY LOAM with Fractured Rock-gray-very dense (A-2)					
644.8					
87					
69					
-85 75 NP 18				-105	
SILTY LOAM-gray-very dense (A-4)					
55					
69					
638.8-90 75 NP 18				-110	
End Of Boring @ -90.0'					
Hollow Stem Augers to -10.0'					
Rotary Drilling To Completion					
CME Automatic Hammer					
10.0' Of 4.0" Casing Used					
43					
62					
-95 50/2" - 9				-115	
68					
50					
-80 50/2" - 9				-120	

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