Geo Services Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

SOIL BORING LOG

PAGE 1 of 1
DATE 4/26/2010
LOGGED BY DR
GSI JOB No. 09165

ROUTE Il. RTE 19
DESCRIPTION Irving Park Rd, York Rd, CNRR Grade Separation Pri. D-91-332-06
SECTION 32 WRS-5
LOCATION Addison Township T40 N, R11 E, NW 1/4 Section 13
COUNTY DuPage
DRILLING METHOD Hollow Stem Auger
HAMMER TYPE CME Automatic

STRUCT. NO. –
Station –
BORING NO. EB-04
Station: 20290+49
Offset: 4.0' Right
Ground Surface Elev. 666.6

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 658.1 ▼
Upon Completion 654.1 ▽
After ___ Hrs.

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
10.0" ASPHALT	665.8				
GRAVEL & STONE- medium dense to dense (Fill)			24		
			29		
			19	NP	8
			7		
			6		
		–5	6	NP	8
			5		
			7		
			7	NP	6
	658.1				
CLAY-brown & gray-stiff (A-6)			4		
			2		
		–10	1	1.0P	26
			3		
			2		
	654.1 ▽		2	1.0P	22
SAND-gray-loose (A-3)			3		
			3		
		–15	4	NP	22
	651.1				
CLAY LOAM-gray-stiff (A-6)			3		*109*
			4		
			4	1.3B	20
End Of Boring @ –20.0'			3		*108*
Hollow Stem Augers			4		
CME Automatic Hammer	646.6 –20		4	1.1B	19

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-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 (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

Geo Services Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

SOIL BORING LOG

PAGE 1 of 1
DATE 4/27/2010
LOGGED BY DR
GSI JOB No. 09165

ROUTE Il. RTE 19
DESCRIPTION Irving Park Rd, York Rd, CNRR Grade Separation Pri. D-91-332-06
SECTION 32 WRS-5
LOCATION Addison Township T40 N, R11 E, NW 1/4 Section 13
COUNTY DuPage
DRILLING METHOD Hollow Stem Auger
HAMMER TYPE CME Automatic

STRUCT. NO. –
Station –
BORING NO. EB-05
Station: 20292+50
Offset: 7.0' Right
Ground Surface Elev. 663.9

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 655.4 ▼
Upon Completion 654.9 ▽
After ___ Hrs.

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
8.0" TOPSOIL-black	663.1		AS	–	29
CLAY-brown & gray-very stiff (A-6)			3		
			3		
			4	2.5P	17
			2		
			4		
		–5	4	–	18
	658.4				
SILTY LOAM-brown & gray- medium dense (A-4)			6		
			11		
			13	NP	17
	655.4				
	▽		4		
			6		
		–10	8	NP	17
SAND-gray-medium dense (A-3)			3		
			5		
			6	NP	20
	650.9				
CLAY LOAM-gray-stiff (A-6)			2		*111*
			2		
		–15	3	1.9B	18
			2		
			3		
			4	1.25P	20
End Of Boring @ –20.0'			3		*108*
Hollow Stem Augers			4		
CME Automatic Hammer	643.9 –20		4	1.2B	19

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-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 (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

Geo Services Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

SOIL BORING LOG

PAGE 1 of 1
DATE 4/27/2010
LOGGED BY DR
GSI JOB No. 09165

ROUTE Il. RTE 19
DESCRIPTION Irving Park Rd, York Rd, CNRR Grade Separation Pri. D-91-332-06
SECTION 32 WRS-5
LOCATION Addison Township T40 N, R11 E, NW 1/4 Section 13
COUNTY DuPage
DRILLING METHOD Hollow Stem Auger
HAMMER TYPE CME Automatic

STRUCT. NO. –
Station –
BORING NO. EB-06
Station: 20294+50
Offset: 7.5' Right
Ground Surface Elev. 667.7

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 659.2 ▼
Upon Completion 656.7 ▽
After ___ Hrs.

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
8.0" TOPSOIL-black	666.9		AS	–	31
SILTY CLAY to CLAY-brown & gray- very stiff to hard (A-6)			3		
			4		
			5	3.25P	18
			5		*117*
			9		
		–5	13	8.0B	12
	662.2				
SANDY LOAM-brown- medium dense (A-2)			5		
			6		
			8	NP	16
	659.2				
CLAY-gray- very stiff to hard (A-6)			7		*112*
			11		
		–10	14	6.9B	15
	▽		7		*119*
			8		
			9	2.5B	14
			3		*113*
			7		
		–15	10	2.4B	15
			3		
	650.7		7		
			10	NP	14
SAND-gray-medium dense (A-3)	649.2				
CLAY-gray-stiff (A-6)			3		*116*
End Of Boring @ –20.0'					
Hollow Stem Augers			3		
CME Automatic Hammer	647.7 –20		4	1.5B	16

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-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 (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery