SOIL BORING LOG

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

PAGE 1 of 2
DATE 4/30/2010
LOGGED BY DR
GSI JOB No. 09165

ROUTE Il. RTE 19 DESCRIPTION Irving Park Rd, York Rd, CNRR Grade Separation Prj. 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/ Rotary HAMMER TYPE CME Automatic

STRUCT. NO. –
Station –
BORING NO. CB-03
Station: 20303+22
Offset: 34.0' Left
Ground Surface Elev. 666.6

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter n/a
Upon Completion n/a
After ____ Hrs. ____

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND & GRAVEL–black–loose to medium dense (Fill)			AS 6	NP	3
			6 4	NP	7
			5		
		–5	4 4	NP	6
			3		
			6 6	NP	6
			5		
		–10	5 6		NR
ORGANIC SILTY CLAY–black–very soft (A–8) Wet	656.1		2 2 1	<0.25P	53
CLAY–brown & gray–very stiff (A–6)	653.6		3 5		*105*
		–15	8	2.75B	21
CLAY–gray–stiff to very stiff (A–6)	651.1		5 6 10	3.9B	18
			3 5		*109*
		–20	7	2.7B	19

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY–gray–stiff to very stiff (A–6)			3		*103*
			3 4	1.8B	22
			3		
		–25	4 7	2.0P	19
			3		*107*
			4 6	1.4B	19
			2		*109*
		–30	4 5	1.0B	20
			3		*111*
		–35	3 5	1.9B	18
			3 5		*110*
		–40	8	1.8B	20

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

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SECTION 32 WRS-5 LOCATION Addison Township T40 N, R11 E, NW 1/4 Section 13
COUNTY DuPage DRILLING METHOD Hollow Stem Auger/ Rotary HAMMER TYPE CME Automatic

STRUCT. NO. –
Station –
BORING NO. CB-03
Station: 20303+22
Offset: 34.0' Left
Ground Surface Elev. 666.6

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter n/a
Upon Completion n/a
After ____ Hrs. ____

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY–gray–stiff to very stiff (A–6)	624.6				
SILTY CLAY–gray–stiff (A–6)			3		*104*
		–45	7 7	1.1B	21
SILTY LOAM–gray–medium dense (A–4)	619.6		3		
		–50	4 6	1.75P	41
End Of Boring @ –50.0'	616.6				
Hollow Stem Augers To –10.0'					
Rotary Drilling To Completion					
CME Automatic Hammer					
10.0' Of 4.0"ø Casing Used					
		–55			
		–60			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
		–65			
		–70			
		–75			
		–80			

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

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PAGE 1 of 1
DATE 5/5/2010
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GSI JOB No. 09165

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

STRUCT. NO. –
Station –
BORING NO. CB-03A
Station: 20303+38
Offset: 29.0' Left
Ground Surface Elev. 660.6

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 658.6
Upon Completion 658.6
After ____ Hrs. ____

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL–black	659.6		AS	–	29
SILTY CLAY–brown & gray (A–6)			AS	0.75P	25
	655.6	–5	AS	–	15
Cave In @ –5.0'					
End Of Boring					
Hand Auger					
		–10			
		–15			
		–20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
		–25			
		–30			
		–35			
		–40			

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

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jmigus
11/2/2012
11:35:40 AM

HDR ENGINEERING, INC.	USER NAME = jmigus	DESIGNED - DLO	REVISED -
	FILE NAME = 0223125-60B42-004-SBL.DGN	CHECKED - LJC	REVISED -
	PLOT SCALE = NONE	DRAWN - RMA	REVISED -
	PLOT DATE = 11/2/2012	CHECKED - LGP	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
TEMPORARY CULVERT UNDER CPR
SHEET NO. 4 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1321	32VB	DU PAGE	388	188

CONTRACT NO. 60W01
ILLINOIS FED. AID PROJECT