Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60563
(630) 355-2838

SOIL BORING LOG

PAGE 2 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 (%)
CLAY–gray–stiff to very stiff (A–6)	624.6				
SILTY CLAY–gray–stiff (A–6)			3		*104*
		–45	7 7	1.1B	21
	619.6				
SILTY LOAM–gray–medium dense (A–4)			3		
	616.6	–50	4 6	1.75P	41
End Of Boring @ –50.0' Hollow Stem Augers To –10.0' Rotary Drilling To Completion CME Automatic Hammer 10.0' Of 4.0"ø Casing Used		–55			
		–60			

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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SOIL BORING LOG

PAGE 1 of 1
DATE 5/5/2010
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 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			

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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SOIL BORING LOG

PAGE 1 of 2
DATE 4/23/2010
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-04
Station: 20303+62
Offset: 65.5' Right
Ground Surface Elev. 659.5

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 653.5
Upon Completion n/a
After ___ Hrs. ___

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL–black	658.0		AS	–	17
SILTY CLAY LOAM–brown & gray–stiff to very stiff (A–4/A–6)			2 3 4	2.5P	26
		–5	2 2 2	1.25P	23
	651.5		2 4 5	2.5P	22
SILTY LOAM–gray–loose (A–4)			2 2 3	1.0P	23
		–15	2 2 1	NP	21
	644.0		2 3 4	1.5P	22
SILTY CLAY–gray–stiff to very stiff (A–6)			3	2.5P	25

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SILTY CLAY–stiff to very stiff (A–6)	639.0				
SANDY CLAY LOAM–gray–loose (A–4)			2 2 3	1.25P	12
	636.5				
		–25	3 4 5	1.5P	16
CLAY LOAM–gray–stiff to very stiff (A–6)			4 6 8	2.9B	*106* 20
		–30	4 7 10	2.4B	*114* 17
		–35	6 6 10	1.25P	19
	622.5				
SILTY LOAM to SILT–gray–medium dense (A–4)			5 10		
		–40	17	NP	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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jmigus

11/2/2012
11:30:02 AM

HDR ENGINEERING, INC.	USER NAME = jmigus	DESIGNED - DLO	REVISED -
	FILE NAME = 0223125-60B42-012-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
STRUCTURE NO. 022-3125

SHEET NO. 12 OF 13 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345A	32VB	DU PAGE	388	201

CONTRACT NO. 60W01

ILLINOIS FED. AID PROJECT