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 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 Hollow Stem Auger/ Rotary HAMMER TYPE CME Automatic
STRUCT. NO. – Station –
BORING NO. **CB-01**
Station: 20303+50
Offset: 130.0' Left
Ground Surface Elev. 662.3

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
661.3				TOPSOIL–black
	AS	–	25	
	4			
	4			
	4	2.5P	20	
	2			CLAY LOAM–dark brown & gray– stiff (A–6) Fill
	2			
–5	2	1.5P	18	
	3			CLAY–gray– medium stiff to very stiff (A–6)
	1			
	2	1.25P	20	
653.8				
	1			
	1			
–10	1	0.75P	27	
651.3				
	2		*109*	
	3			CLAY–brown & gray– stiff (A–6)
	8	2.0B	20	
649.3				
	2			CLAY–gray– medium stiff to very stiff (A–6)
	3			
–15	5	2.25P	21	
	2		*98*	
	2			
	3	0.8B	25	
	3			
	3			
–20	3	1.75P	20	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
	2			
	2			
	3	0.75P	21	
	2		*108*	
	2			
–25	4	0.5B	21	
	2		*107*	
	3			
	6	1.0B	19	
	2		*109*	
	3			
–30	6	1.7B	20	
	2			
	2			
	2		*109*	
	5			
–35	8	1.25B	20	
624.3				
	3			SILTY CLAY LOAM–gray–medium dense (A–4) End Of Boring @ –40.0' Hollow Stem Augers To –10.0' Rotary Drilling To Completion CME Automatic Hammer
	6			
622.3 –40	7	1.0P	21	

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 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-02**
Station: 20303+05
Offset: 105.9' Right
Ground Surface Elev. 661.0

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 655.0
Upon Completion n/a
After ____ Hrs. ____

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
	AS	–	27	TOPSOIL–black
	2			
658.5				
	2			SILTY CLAY LOAM–brown & gray– stiff (A–4/A–6)
	2	–	35	
	3			
	2			
–5	3	1.5P	22	
▼655.0				
	3			SILTY CLAY–gray–very stiff (A–6)
	3			
	4	2.75P	22	
653.0				
	2			SILT–gray–loose (A–4)
	3			
–10	4	NP	20	
650.5				
	2			SILTY CLAY–gray–very stiff (A–6)
	3			
	3	2.5OP	25	
	2		*105*	
	2			
–15	3	2.25P	22	
645.5				
	1			SANDY LOAM–gray–loose (A–2)
	2			
	3	NP	16	
643.0				
	2		*107*	CLAY LOAM–gray– stiff to very stiff (A–6)
	3			
–20	4	1.2B	21	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
	9			
	21			
	12	–	14	
	4		*109*	CLAY LOAM–gray– stiff to very stiff (A–6)
	7			
–25	10	3.4B	18	
	3		*107*	
	5			
	7	2.0B	20	
	4		*107*	
	5			
–30	9	1.7B	19	
629.0				
	4			SILT–gray–medium dense (A–4)
	5			
626.0 –35	6	NP	23	
				End Of Boring @ –35.0' Hollow Stem Augers To –10.0' Rotary Drilling To Completion CME Automatic Hammer 10.0' Of 4.0"ø Casing Used
–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
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NR–No Recovery

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SOIL BORING LOG

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. ____

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
	AS	NP	3	
	6			
	6			
	4	NP	7	
	5			SAND & GRAVEL–black– loose to medium dense (Fill)
	4			
–5	4	NP	6	
	3			CLAY–gray–stiff to very stiff (A–6)
	6			
	6	NP	6	
	5			
	5			
–10	6		NR	
656.1				
	2			ORGANIC SILTY CLAY–black– very soft (A–8) Wet
	2			
	1	<0.25P	53	
653.6				
	3		*105*	CLAY–brown & gray–very stiff (A–6)
	5			
–15	8	2.75B	21	
651.1				
	5		*112*	
	6			
	10	3.9B	18	CLAY–gray–stiff to very stiff (A–6)
	3		*109*	
	5			
–20	7	2.7B	19	

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	
	4			
	6			
	6	1.4B	19	
	2		*109*	
	4			
–30	5	1.0B	20	
	3			
	5		*111*	
	3			
–35	5	1.9B	18	
	3		*110*	
	5			
–40	8	1.8B	20	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B–Bulge, S–Shear, P–Penetromster) 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
11:29:50 AM

HDR ENGINEERING, INC.

USER NAME = jmigus	DESIGNED - DLO	REVISED -	
FILE NAME = 0223125-60B42-011-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. 11 OF 13 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345A	32VB	DU PAGE	388	200
		CONTRACT NO. 60W01		
	ILLINOIS	FED. AID PROJECT		