Interra, Inc.
600 Territorial Drive, Suite G
Bolingbrook, IL 60440
www.interraservices.com

SOIL BORING LOG

Page 1 of 2

Date 8/17/20

ROUTE FAP 344/Illinois 83 DESCRIPTION Retaining Wall Boring LOGGED BY Eric D. Slusser

SECTION 2020-000-BR LOCATION sout, south of culvert edgeh side shoulder NB ramp to Rt 12

COUNTY DuPage County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. SN 022-W001
Station

BORING NO. RW-01
Station 32+80 RAMP
Offset 0.00ft
Ground Surface Elev. 664.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 654.5 ft
Upon Completion 654.5 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium Dense, Bown SAND FILL, Moist	662.70		5 5 5	5.8 B	16.7
Hard, Dark Brown and Black CLAY LOAM FILL, trace to little GRAVEL, Moist	656.00		4 5 6	5.8 B	16.4
		-5	3 9	4.6 B	19.4
Loose to Medium Dense, Light Gray COBBLES, BOULDERS and SAND, sand medium to fine, Saturated at 9.0 feet	648.50		7 3 5		9.0
		-10	5 9 10		8.8
Medium Stiff Brown CLAY, trace fine gravel, Moist Color change to gray at 17.5 feet Shelby Tube 17.5-19.5 feet	646.00		3 2 2		25.3
		-15	1 2 1	1.0 B	19.4
Very stiff to hard Gray CLAY, trace fine gravel, Moist Shelby Tube 17.5-19.5 feet		-20	3	0.7 B	22.3
Very stiff to hard Gray CLAY, trace fine gravel, Moist Shelby Tube 17.5-19.5 feet *(continued)*	641.00		3 5 2	4.4 B	23.1
			3 5 5	3.4 B	25.8
Hard, Gray CLAY LOAM, trace to little medium to fine gravel, Moist	638.50		4 4 4	5.8 B	15.4
		-25			
Very Stiff Gray CLAY, Moist	633.50		4 4 6	3.4 B	17.7
			3 8 10	3.4 B	14.9
		-30			
Very Stiff, Gray CLAY LOAM, trace to little medium to fine gravel, Moist	631.00		8 7 9	35.0 P	13.9
Medium Dense, Gray SAND, course to fine, trace medium to fine gravel, Saturated	628.50		4 4 8		10.6
		-35			
Medium Dense, Gray SANDY LOAM, trace to little mediumto fine gravel, sand medium to fine, Saturated	626.00		5 8 8		11.7
Medium Dense to Dense, Light Grayish Brown to Grayish Brown SAND, fine, Saturated			8 6 9		22.7
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

BBS, from 137 (Rev. 8-99)

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Date 8/17/20

ROUTE FAP 344/Illinois 83 DESCRIPTION Retaining Wall Boring LOGGED BY Eric D. Slusser

SECTION 2020-000-BR LOCATION sout, south of culvert edgeh side shoulder NB ramp to Rt 12

COUNTY DuPage County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. SN 022-W001
Station

BORING NO. RW-01
Station 32+80 RAMP
Offset 0.00ft
Ground Surface Elev. 664.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 654.5 ft
Upon Completion 654.5 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium Dense to Dense, Light Grayish Brown to Grayish Brown SAND, fine, Saturated *(continued)*			10		
			8 12		25.3
			9		
			16 18		22.5
END OF BORING 45.0 feet Backfill with soil cuttings	619.00	-45			
		-50			
		-55			
		-60			

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SOIL BORING LOG

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Date 8/18/20

ROUTE FAP 344/Illinois 83 DESCRIPTION Retaining Wall Boring LOGGED BY Eric D. Slusser

SECTION 2020-000-BR LOCATION 13' west of CL Ramp to NB IL 83 75' NW of RW-01

COUNTY DuPage County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. SN 022-W001
Station

BORING NO. RW-02
Station 33+60 RAMP
Offset 0.00ft
Ground Surface Elev. 665.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 656.2 ft
Upon Completion 656.2 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
ASPHALT	664.17				
Medium Dense Black asphalt grindings FILL	663.80		6		
Hard, Yellowish Brown and Brown (3.0'), Yellowish Brown and Gray CLAY LOAM FILL, trace to little medium to fine gravel, Moist			6 7	5.8 B	14.5
			2		
		-5	4 5	6.8 B	18.9
			3		
	657.00		4 7	6.8 B	17.4
Medium Dense to Very dense, Light Gray COBBLES, BOULDERS and SAND, less cobbles and bouldrs at 11.0 feet, Saturated at 8.8 feet			12		
		-10	10 8		6.2
			9		
			6 5		19.4
			7		
		-15	18 50/1"		17.4
			13		
			7 8		12.1
Stiff, Gray CLAY, Moist	647.00		6		
		-20	5 4	1.9	19.7
Stiff, Gray CLAY, Moist *(continued)*	644.50			B	
Very Dense, Gray COBBLES, BOULDERS and SAND, Saturated			22		
			36 50/1"		33.5
Hard to Very Stiff Gray CLAY, Moist	642.00		13		
Shelby Tube 26.0-28.0 feet			6 7		75.5
		-25			
				2.4 B	14.2
			4 6 8	3.4 B	17.7
		-30			
			12		
			4 6	2.9 B	17.4
hard, Gray CLAY LOAM, trace to little, medium to fine gravel, Moist	632.00		7 8 9	5.8 B	11.8
		-35			
Medium Dense, Gray SILTY LOAM, few scattered clay lenses, Moist	629.50		8 9 9		12.7
MediumDense, Gray SANDY LOAM, trace to little fine gravel, Saturated	627.00		12 5 7		10.4
		-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

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ROUTE FAP 344/Illinois 83 DESCRIPTION Retaining Wall Boring LOGGED BY Eric D. Slusser

SECTION 2020-000-BR LOCATION 13' west of CL Ramp to NB IL 83 75' NW of RW-01

COUNTY DuPage County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. SN 022-W001
Station

BORING NO. RW-02
Station 33+60 RAMP
Offset 0.00ft
Ground Surface Elev. 665.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 656.2 ft
Upon Completion 656.2 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	624.50				
Medium Dense, Light Gray to 43', brown at 43' SAND, Fine, Saturated			5		
			6 6		21.2
			19		
			20 12		16.5
END OF BORING 45.0 feet Backfill with soil cutting, cap with asphalt	620.00	-45			
		-50			
		-55			
		-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

BBS, from 137 (Rev. 8-99)

RET-09

Bowman CONSULTING 311 S. Wacker Drive, Suite 1950 Chicago, Illinois 60606 312.494.0360 www.bowmanconsulting.com	USER NAME = khejtmanek	DESIGNED - AS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS 1 RETAINING WALL - STRUCTURE NO. 022-W001	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN - AHT	REVISED -			344	2020-196-T	DUPAGE	122 / 74
	PLOT SCALE = 2:0.0000 ft:in / in.	CHECKED - AJN	REVISED -					CONTRACT NO. 62M69	
	PLOT DATE = 3/10/2021	DATE - 3/11/2021	REVISED -		SCALE: SHEET RET-9 OF RET-11 SHEETS STA. TO STA.		ILLINOIS	FED. AID PROJECT	

MODEL: 022W001-62M69-009
FILE NAME: P:\040058 - IDOT\040058-01-002 (ENG) - PTB 195-016 Phase II Var\Engineering\WO 1 - IL83-IL38\500 Drawings\501 CADD Drawings\D162M69-RW-Boring_Logs.dgn