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

SOIL BORING LOG

Page 1 of 2

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-02

COUNTY DuPage County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. SN 022-W001
Station
BORING NO. RW-03
Station 34+40 RAMP
Offset 0.00ft
Ground Surface Elev. 667.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 657.0 ft
Upon Completion 657.0 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt	666.17				
Medium Dense Black Asphalt Grindings, Moist	665.70				
Hard, Yellowish Brown and Light Gray to 3.0', Pale brown to 5.5 ', Black, Yellowish Brown and Gray CLAY LOAM FILL, trace to little mediumto fine gravel, Moist, Wet at 11.0 feet			6		
			5		16.3
			5	4.4 B	
			3		
			3		21.2
		-5	5	3.9 B	
			3		
			3		22.5
			5	6.3 B	
			2		
			3		19.2
		▼ 10	8	3.9 B	
			9		
			16		6.3
			16		
	654.00				
Very Dense to Medium Dense, Light Gray SAND, COBBLES, and BOULDERS, sand course to fine, little medium to fine gravel, Saturated			6		
			5		20.9
		-15	50/2"		
			3		
			4		26.1
			11		
	649.00				
Vert soft CLAY, Moist			0		
			1		40.7
	647.00	-20	2	0.3	

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Stiff to Hard, Gray CLAY LOAM, trace to little medium to fine gravel, Moist Shelby tube from 20.5 to 22.5 feet				P	
					23.6
				2.1 B	
		4			
			6		22.3
			7	4.6 B	
Very Stiff, Gray CLAY, Moist			3		
		-25	6		16.8
	641.50		6	3.4 B	
Hard, Gray CLAY LOAM, trace to little medium to fine gravel, Moist			5		
			6		16.5
			10	5.8 B	
	639.00				
Medium Dense, Gray SILTY LOAM, redish brown at 31.0', Wet			10		
			10		11.7
		-30	13		
			4		
			4		13.8
			10		
		-35	6		12.7
			9		
	631.50				
Medium Dense, Light Gray SAND, course to fine, trace fine gravel, Saturated			11		
			9		15.4
			16		
	629.00				
Medium Dense, Light Gray SANDY LOAM, trace to little medium to fine gravel, sand course to fine, Saturated			6		
			9		10.1
		-40	9		

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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Offset 0.00ft
Ground Surface Elev. 667.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 657.0 ft
Upon Completion 657.0 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	626.50				
Medium Dense Pale Brown SAND, course to fine, trace to little medium to fine gravel, Saturated			5		
			8		20.3
			9		
			6		
			8		22.6
	622.00	-45	7		
END OF BORING 45.0 feet Backfill with soil cuttings, cap with asphalt					
		-50			
		-55			
		-60			

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SECTION 2020-000-BR LOCATION 13' west of CL Ramp to NB IL 83 75' NW of RW-03

COUNTY DuPage County DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. SN 022-W001
Station
BORING NO. RW-04
Station 35+10 RAMP
Offset 0.00ft
Ground Surface Elev. 667.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 657.0 ft
Upon Completion 657.0 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
ASPHALT	666.08				
Medium Dense Asphalt Grindings	665.70		4		
Hard to Very Stiff, Brown, Yellowish Brown and Gray to 3.0 CLAY LOAM FILL, trace to little medium to fine gravel, Moist			5		14.4
			9	3.5 P	
Color change to Black, Brown and gray at 3.0', Pale Brown at 5.5', Yellowish Brown and Black at 8.0' Wet at 10.0'			4		
			3		18.8
		-5	6	6.1 B	
			2		
			2		19.0
			4	2.9 B	
			2		
			2		17.7
		▼ -10	3	3.9 B	
	656.50				
Very Dense to Medium Dense, Light Gray COBBLES, BOULDERS and SAND to 13.0', mostly sand at 13.0 feet, trace to littlefine gravel, sand predominately medium to fine, Saturated			50		
			50		10.2
			50		
			9		
			14		17.0
		-15	25		
			20		
			25		24.4
			24		
			9		
			15		14.8
		-20	12		

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Very Dense to Medium Dense, Light Gray COBBLES, BOULDERS and SAND to 13.0', mostly sand at 13.0 feet, trace to littlefine gravel, sand predominately medium to fine, Saturated *(continued)*	644.00		50		
			50		13.6
Very stiff to Hard, Gray CLAY LOAM, trace to little medium to fine gravel, Moist Shelby Tube27.5-29.5'			3		
			3		20.1
		-25	4	2.5 P	
					23.6
				2.7 B	
			4		
			6		15.1
			6	5.3 B	
			4		
		-30	5		13.5
			10	5.8 B	
			4		
			5		18.2
			22	5.8 B	
	634.00				
Hard to Very Stiff Gray CLAY, Moist			4		
			6		16.1
		-35	8	4.1 B	
			3		
	630.50				
Very Stiff redish Brown SANDY CLAY, Moist			4		12.6
			7	3.4 B	
	629.00				
Medium dense, Gray SANDY LOAM, trace to little medium to fine gravel, sand course to fine, saturated			11		
			8		7.7
		-40	9		

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

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Ground Surface Elev. 667.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 657.0 ft
Upon Completion 657.0 ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
	626.50				
Loose, pale Brown SAND, very fine, Saturated			3		
			6		25.0
			4		
			10		
			9		19.6
	622.00	-45	9		
END OF BORING 45.0 feet Backfill boring with soil cuttings, cap with asphalt					
		-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)

MODEL: 022W001-429M69-010
FILE NAME: P:\040058 - IDOT\040058-01-002 (ENG) - PTB 195-016 Phase II Var VanEngineering\WO 1 - IL83-IL38\500 Drawings\501 CADD Drawings\D162M69-RW-Boring_Logs.dgn

Bowman CONSULTING
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Chicago, Illinois 60606
312.494.0360
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USER NAME = khejtmanek	DESIGNED - AS	REVISED -	
	DRAWN - AHT	REVISED -	
PLOT SCALE = 2:0.0000 ft:in / in.	CHECKED - AJN	REVISED -	
PLOT DATE = 3/10/2021	DATE - 3/11/2021	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS 2
RETAINING WALL - STRUCTURE NO. 022-W001

SCALE: SHEET RET-10 OF RET-11 SHEETS STA. TO STA.

RET-10

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-196-T	DUPAGE	122	75
		CONTRACT NO. 62M69		
	ILLINOIS	FED. AID PROJECT		