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

SOIL BORING LOG

Page 1 of 1

Date 8/19/20

ROUTE FAP 344/Illinois 83 **DESCRIPTION** Culvert Boring **LOGGED BY** Eric D. Slusser

SECTION 2020-000-BR **LOCATION** Outside shoulder of SB IL 83

COUNTY DuPage County **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** Automatic

STRUCT. NO. SN 022-8300
Station

BORING NO. BC-03
Station 104+90 IL 83
Offset 53.00ft LT
Ground Surface Elev. 666.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 657.0 ft
Upon Completion 657.0 ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
665.17				ASPHALT
665.00	11			CRUSHED ROCK AGGREGATE(sub-base)
	5		14.4	Hard, Black and Gray CLAY LOAMFILL, trace to little medium to fine gravel, Moist
	11	4.5 P		
663.00				
	16			Dense to Very Dense, White CRUSHED ROCK AGGREGATE FILL, Saturated at 9.0 feet
	17		3.1	
-5	15			
	50			
	50		3.4	
	50			
	11			
	13		12.6	
-10	15			
655.50				
	1			Dense to Medium Dense, Lifgt Gray COBBLES, BOULDERS and SAND, more sand at lower depths, sand course to fine, Saturated,
	22		15.4	
	13			
	21			
	7		21.0	
-15	7			
	4			
	4		17.4	
	5			
	5			
	6		15.8	
-20	11			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Dense to Medium Dense, Lifgt Gray COBBLES, BOULDERS and SAND, more sand at lower depths, sand course to fine, Saturated, *(continued)*
	5			
	6		25.8	
	14			
	14			
	11		12.5	
-25	4			
	7			
	12		25.2	
	13			
	3			
	5		16.2	
-30	6			
635.50				
	3			Very Stiff, Brown (32,5), Gray (32,5-36) CLAY, trace fine gravel, Moist
	3		17.8	
	5	2.7 B		Shelby Tube 32.5-34.5'
			16.4	
		2.8 B		
-35	5			
	7		16.5	
630.00	9	2.7 B		
				END OF BORING 36.0 feet Backfill with soil cutting and cap with asphalt
-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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SOIL BORING LOG

Page 1 of 1

Date 8/17/20

ROUTE FAP 344/Illinois 83 **DESCRIPTION** Culvert Boring **LOGGED BY** Eric D. Slusser

SECTION 2020-000-BR **LOCATION** Outside shoulder of Ramp from SB IL 83 to WB IL 38

COUNTY DuPage County **DRILLING METHOD** Hollow Stem Auger **HAMMER TYPE** Automatic

STRUCT. NO. SN 022-8300
Station

BORING NO. BC-04
Station 104+90 IL 83
Offset 90.00ft LT
Ground Surface Elev. 664.00 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 655.0 ft
Upon Completion 655.0 ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				SAND AND CLAY FILL mix
663.00	4			Very Stiff, Black and Brown CLAY LOAM FILL, trace to little medium to fine gravel, Moist
	3		14.3	
	7	2.4 B		
				Color change Black, Brown and gray at 3.0 feet
	5			
	3		16.6	
-5	3	2.9 B		
	9			
	7		12.3	
	12	3.0 P		
656.00				
	12			Dense to Medium dense, Light Gray COBBLES, BOULDERS and SAND, sand course to fine, more sand in lower unit, Saturated at 9.0 feet
	18		14.6	
-10	13			
	10			
	8		13.3	
	8			
	3			
	3		10.3	
-15	4			
	5			
	6		13.7	
	7			
	9			
	10		11.9	
-20	9			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Dense to Medium dense, Light Gray COBBLES, BOULDERS and SAND, sand course to fine, more sand in lower unit, Saturated at 9.0 feet *(continued)*
	7			
	9		18.9	
	6			
	8			
	9		13.3	
-25	11			
638.50				
	4			Stiff, Black to 27.5', Brown at 27,5' CLAY, Moist
	2		45.6	
	3	1.6 B		Shelby tube 27,5-29.5'
			18.2	
		1.0 B		
634.50				
-30	4			Very Stiff, Brown CLAY LOAM, trace to little medium to fine gravel, Moist
	5		17.6	
	7	2.4 B		
	2			
	5		17.5	
	8	2.7 B		
	6			
	8		16.8	
629.00 -35	11	2.4 B		
				END OF BORING 35.0 feet Backfill with soil cuttings
-40				

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

BBS, from 137 (Rev. 8-99)

MODEL: 0228300-62M69-010
FILE NAME: P:\040058 - IDOT\040058-01-002 (ENG) - PTB 195-016 Phase II Var Vat\Engineering\WO 1 - IL83-IL38\500 Drawings\501 CADD Drawings\0228300-62M69.dgn