

Jaime Lloret DRILLER		TEST BORING REPORT ASSOCIATED BORINGS CO., INC. 119 MARGARET CIRCLE, NAUGATUCK, CT 06770 Tel (203) 729-5435 Fax (203) 729-5116										SHEET 1 OF 1			
INSPECTOR		PROJECT NAME: North Street Bridge										CME-55			
SOILS ENGINEER		PROJECT NUMBER: CDOT Bridge # 056-047										DRILLING EQUIPMENT			
Surface Elevation:		LOCATION: Greenwich, Connecticut										Wengall McDonnell Costello			
Date Started: 7/15/2022		Type: HSA										CLIENT			
Date Finished: 7/19/2022		Auger Casing Sampler Core Bar										Hole No. B-1			
Groundwater Observations		Line & Station										Offset			
AT 5 'AFTER 0 HRS		Size I. D. 3 1/4 in										2 in			
AT 'AFTER 0 HRS		Fall										140 lb			
		Blows										30 in			
		PER 6 INCHES ON SAMPLER										N Coordinate			
		0 - 6 6 - 12 12-18 18-24										E. Coordinate			
D E P T H		Casing blows per foot		DEPTH IN FEET FROM - TO		NO. INCH INCH TYPE		PEN. REC. TYPE		PER 6 INCHES ON SAMPLER		STRATA CHANGE: DEPTH, ELEV.		FIELD IDENTIFICATION OF SOIL, REMARKS (INCL. COLOR, LOSS OF WASH WATER, ETC.)	
5		5.0 - 6.5	1	18	6	D	3	16	50	X		4"	Bituminous Concrete		
												12"	Concrete		
													Br. C-F Sand and C-F Gravel, Cobbles Boulders, (Fill)		
10		10.0 - 12.0	2	24	12	D	25	30	35	10		7	Gr. M-F Sand, Some M-F Gravel Cobbles		
15		15.0 - 16.0	3	12	4	D	9	50	X	X					
20												17	Cored Run # 1 From 17.0 feet to 22.0 feet Recovery - 58" ROD - 24/60 = 40%		
25												22	Cored Run # 2 From 22.0 feet to 27.0 feet Recovery - 51" ROD - 36/60 = 60%		
30												27	End of Boring - 27.0		
40															
From Ground Surface to		Feet Used		Inch Casing Then		Inch Casing For		Feet							
Footage in Earth		17.0		Footage in Rock		10.0		No. of Samples		3		Hole No.		B-1	
SAMPLE TYPE CODING:		D = DRIVEN		C = CORE		A = AUGER		UP = UNDISTURBED PISTON							
PROPORTIONS USED:		TRACE = 1-10%		LITTLE = 10-20%		SOME = 20-35%		AND = 35-50%							

B-1
STATION= 1+99.57
OFFSET= 5.92R
NORTHING= 578661.01
EASTING= 760243.97
ELEV. 80.66

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INSPECTOR		PROJECT NAME: North Street Bridge										CME-55			
SOILS ENGINEER		PROJECT NUMBER: CDOT Bridge # 056-047										DRILLING EQUIPMENT			
Surface Elevation:		LOCATION: Greenwich, Connecticut										Wengall McDonnell Costello			
Date Started: 7/19/2022		Type: HSA										CLIENT			
Date Finished: 7/20/2022		Auger Casing Sampler Core Bar										Hole No. B-3			
Groundwater Observations		Line & Station										Offset			
AT 5 'AFTER 0 HRS		Size I. D. 3 1/4 in										2 in			
AT 'AFTER 0 HRS		Fall										140 lb			
		Blows										30 in			
		PER 6 INCHES ON SAMPLER										N Coordinate			
		0 - 6 6 - 12 12-18 18-24										E. Coordinate			
D E P T H		Casing blows per foot		DEPTH IN FEET FROM - TO		NO. INCH INCH TYPE		PEN. REC. TYPE		PER 6 INCHES ON SAMPLER		STRATA CHANGE: DEPTH, ELEV.		FIELD IDENTIFICATION OF SOIL, REMARKS (INCL. COLOR, LOSS OF WASH WATER, ETC.)	
5		5.0 - 6.5	1	18	3	D	3	10	50	X		4"	Bituminous Concrete		
												12"	Concrete		
													Br. C-F Sand and C-F Gravel, Cobbles Boulders, (Fill)		
10		10.0 - 10.5	2	6	4	D	50	X	X	X		7	Gr. M-F Sand, Some M-F Gravel Cobbles		
15												10.5	Decomposed Rock		
												11.5	Cored Run # 1 From 11.5 feet to 16.5 feet Recovery - 31" ROD - 10/60 = 17%		
20												16.5	Cored Run # 2 From 16.5 feet to 21.5 feet Recovery - 29" ROD - 5/60 = 8%		
25												21.5	Cored Run # 3 From 21.5 feet to 26.5 feet Recovery - 60" ROD - 40/60 = 67%		
30												26.5	End of Boring - 26.5		
40															
From Ground Surface to		Feet Used		Inch Casing Then		Inch Casing For		Feet							
Footage in Earth		11.5		Footage in Rock		15.0		No. of Samples		2		Hole No.		B-3	
SAMPLE TYPE CODING:		D = DRIVEN		C = CORE		A = AUGER		UP = UNDISTURBED PISTON							
PROPORTIONS USED:		TRACE = 1-10%		LITTLE = 10-20%		SOME = 20-35%		AND = 35-50%							

B-3
STATION= 2+49.06
OFFSET= 4.94R
NORTHING= 578708.80
EASTING= 760256.70
ELEV. 81.19

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INSPECTOR		PROJECT NAME: North Street Bridge										CME-55			
SOILS ENGINEER		PROJECT NUMBER: CDOT Bridge # 056-047										DRILLING EQUIPMENT			
Surface Elevation:		LOCATION: Greenwich, Connecticut										Wengall McDonnell Costello			
Date Started: 7/15/2022		Type: HSA										CLIENT			
Date Finished: 7/15/2022		Auger Casing Sampler Core Bar										Hole No. B-4			
Groundwater Observations		Line & Station										Offset			
AT 5 'AFTER 0 HRS		Size I. D. 3 1/4 in										2 in			
AT 'AFTER 0 HRS		Fall										140 lb			
		Blows										30 in			
		PER 6 INCHES ON SAMPLER										N Coordinate			
		0 - 6 6 - 12 12-18 18-24										E. Coordinate			
D E P T H		Casing blows per foot		DEPTH IN FEET FROM - TO		NO. INCH INCH TYPE		PEN. REC. TYPE		PER 6 INCHES ON SAMPLER		STRATA CHANGE: DEPTH, ELEV.		FIELD IDENTIFICATION OF SOIL, REMARKS (INCL. COLOR, LOSS OF WASH WATER, ETC.)	
5		5.0 - 6.5	1	18	8	D	24	14	20	50/0"		4"	Bituminous Concrete		
												12"	Concrete		
													Br. C-F Sand and C-F Gravel, Cobbles Boulders, (Fill)		
												7.5	CORED BOULDERS FROM 2.5' TO 7.5' BETWEEN 18" AND 24" IN DIAMETER		
10		10.0 - 11.5	1	18	8	D	24	14	20	50/0"			Gr. M-F Sand, Some M-F Gravel		
15												12	End of Boring - 12.0		
													BROKEN AUGER @ 12 FEET. PROBABLY BEDROCK		
From Ground Surface to		Feet Used		Inch Casing Then		Inch Casing For		Feet							
Footage in Earth		12.0		Footage in Rock		0.0		No. of Samples		1		Hole No.		B-4	
SAMPLE TYPE CODING:		D = DRIVEN		C = CORE		A = AUGER		UP = UNDISTURBED PISTON							
PROPORTIONS USED:		TRACE = 1-10%		LITTLE = 10-20%		SOME = 20-35%		AND = 35-50%							

B-4
STATION= 2+48.90
OFFSET= 6.58L
NORTHING= 578711.88
EASTING= 760245.60
ELEV. 81.19

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE TOWN AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

		SUPV.	K. O. E.
		DESIGN	R. E. B.
		DRAWN	R. E. B./M. A.
		CHECKED	S. R. M.
NO.	DATE	DESCRIPTION	DATE
		REVISIONS	03/27/2024

S.F.D. SUBMITTAL



WENGELL, McDONNELL & COSTELLO
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR
TOWN OF GREENWICH
101 FIELD POINT ROAD
GREENWICH, CONNECTICUT 06830

REPLACEMENT OF NORTH STREET BRIDGE
OVER WET BROTHERS BROOK
BORING LOGS

D	NORTH ST BRIDGE	S.F.D.	22046.10		SHEET	20
SIZE	PROJECT	FILE NAME	NUMBER	REV.	OF	26