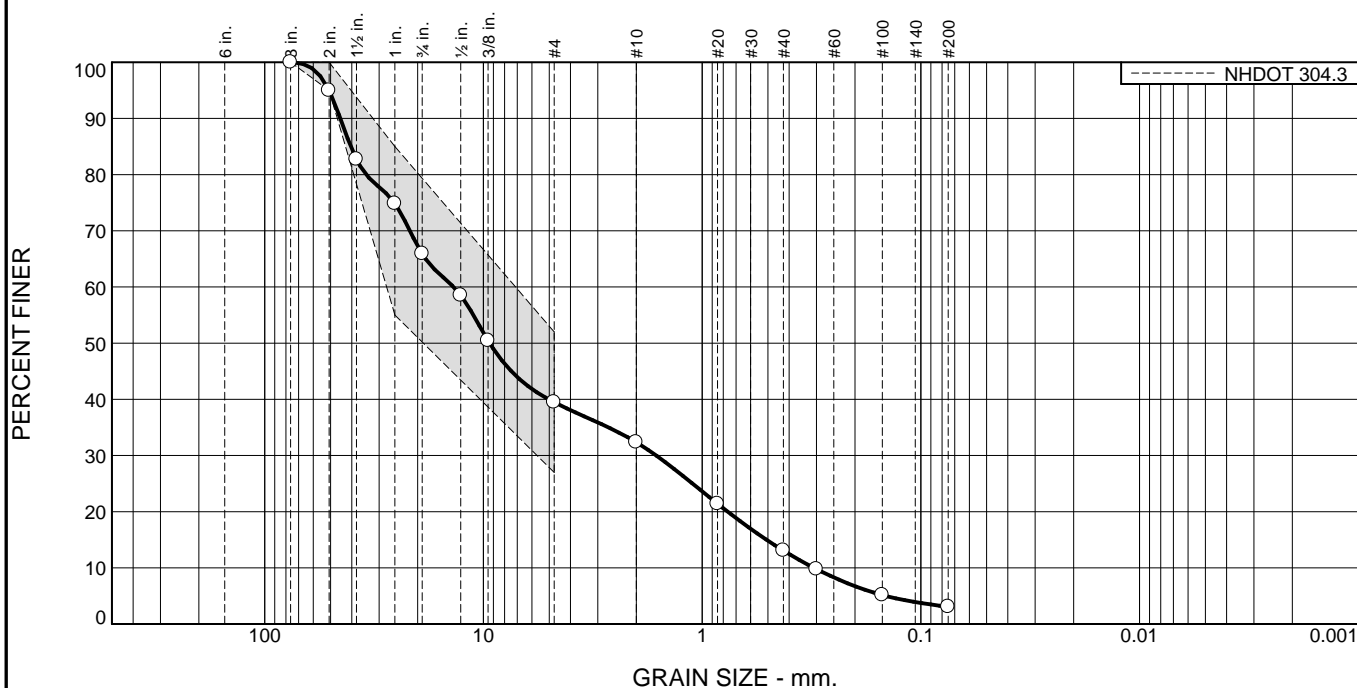


Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	34.1	26.4	7.1	19.3	10.0	3.1	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3	100.0	100.0	
2	95.0	95.0 - 100.0	
1 1/2	82.7	55.0 - 85.0	
1	74.9		
3/4	65.9		
1/2	58.5		
3/8	50.5	27.0 - 52.0	
#4	39.5		
#10	32.4		
#20	21.4		
#40	13.1		
#50	9.8		
#100	5.2		
#200	3.1		

* NHDOT 304.3

Material Description

Poorly graded gravel with sand
(3" Minus Sand and Gravel)

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= AASHTO (M 145)=

Coefficients

D₉₀= 45.1155 D₈₅= 40.4153 D₆₀= 13.6986
D₅₀= 9.3666 D₃₀= 1.6224 D₁₅= 0.5077
D₁₀= 0.3079 C_u= 44.48 C_c= 0.62

Remarks

% Passing #200 Sieve in Fine Portion= 7.8% Spec= 0-12%

Date Received: 5-9-16 Date Tested: 5-9-16

Tested By: Ted Moody

Checked By: Jeff Young

Title: Lab Manager

Location: On Site - STA 10+00
Sample Number: 16-378

Depth: NHDOT 304.3

Date Sampled: 5-6-16

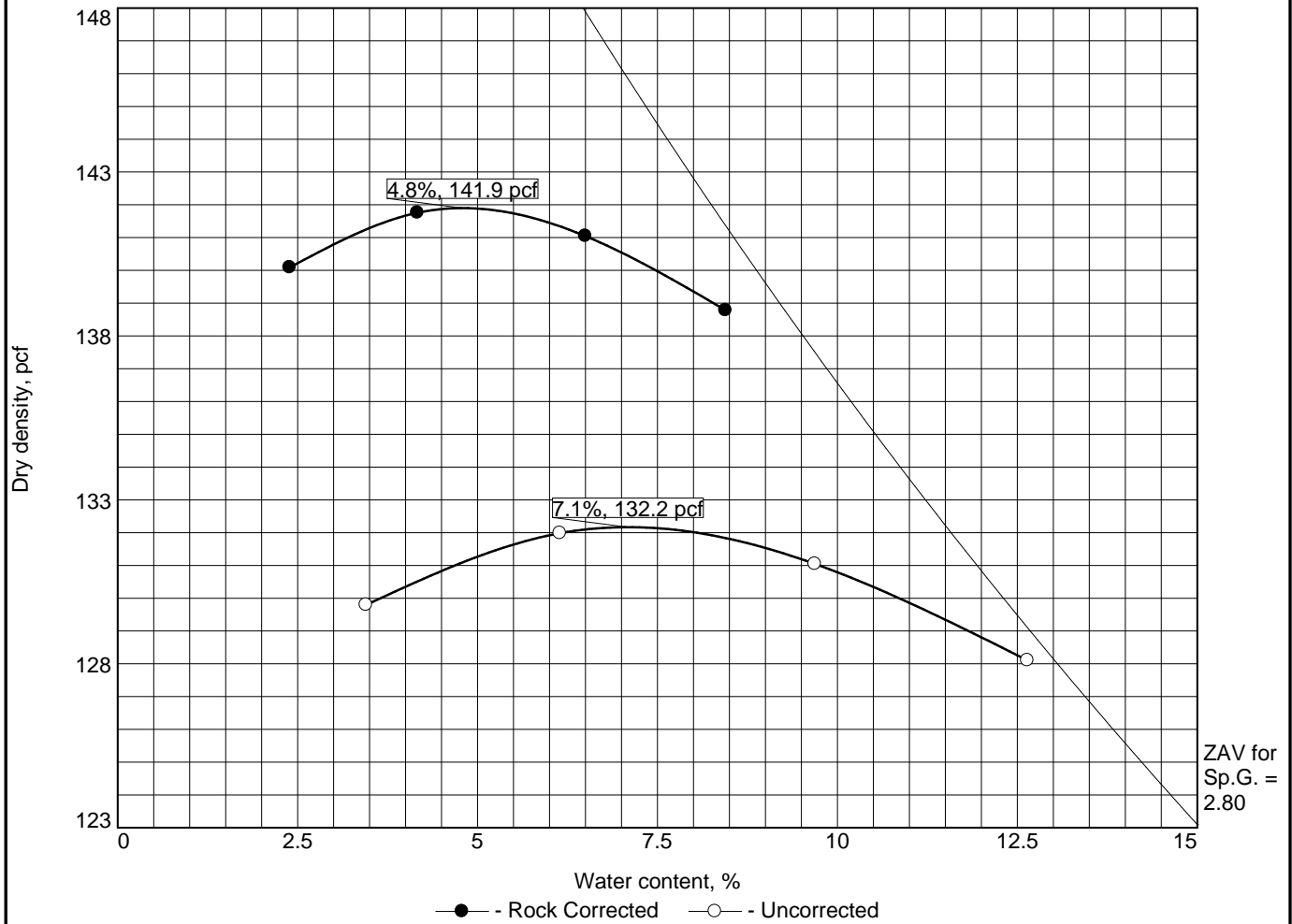


Client: Better Built Homes
Project: Rivers Peak - Barrington, NH

Project No: 16-10-025

Figure 001

Moisture Density Report For Curve No. 16-378



Test specification: ASTM D 1557-00 Method C Modified
ASTM D 4718-87 Oversize Corr. Applied to Each Test Point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
NHDOT 304.3				2.80			34.1	3.1


ROCK CORRECTED TEST RESULTS		UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 141.9 pcf		132.2 pcf	Poorly graded gravel with sand (3" Minus Sand and Gravel)
Optimum moisture = 4.8 %		7.1 %	
Project No. 16-10-025 Client: Better Built Homes Project: Rivers Peak - Barrington, NH Date: 5-9-16 <input type="radio"/> Location: On Site - STA 10+00 Sample Number: 16-378			Remarks:
			
			Figure 001B

Figure 001B

Tested By: Ted Moody Checked By: Jeff Young