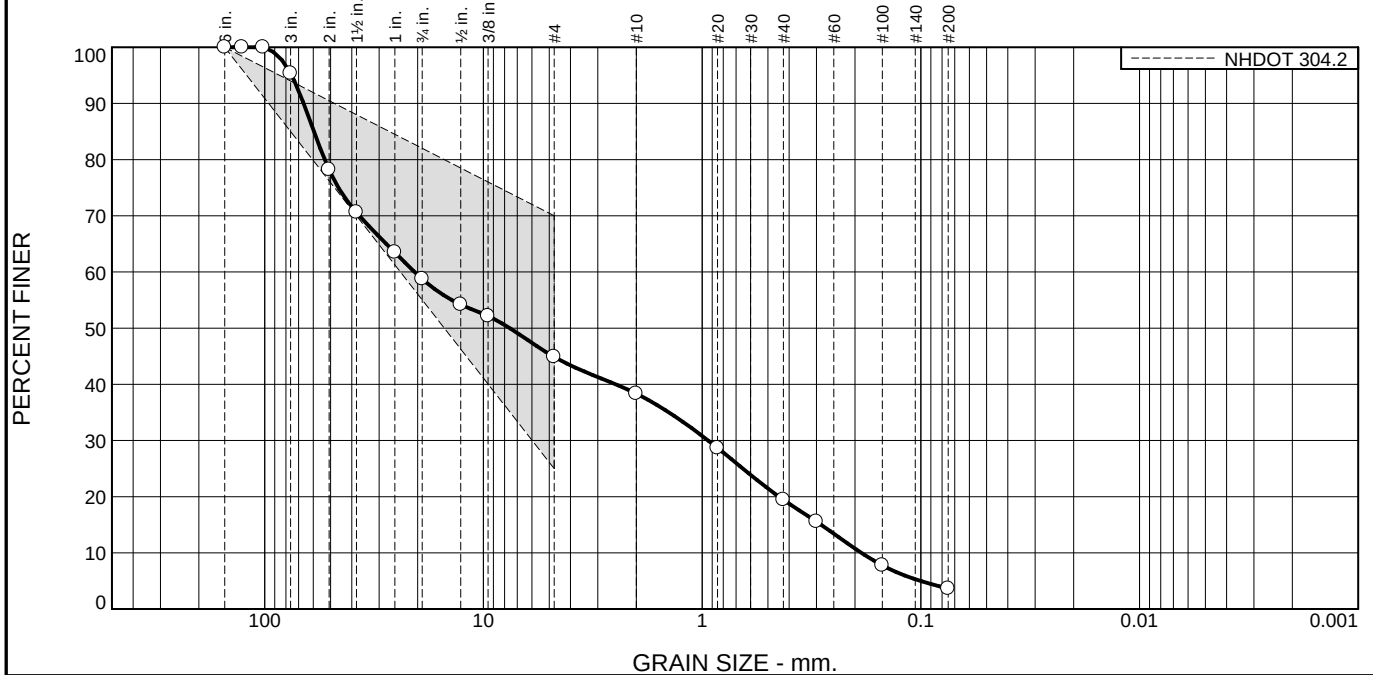


Particle Size Distribution Report



% Cobbles	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
4.7	36.6	13.8	6.6	18.9	15.8	3.6	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
6	100.0	100.0	
5	100.0		
4	100.0		
3	95.3		
2	78.2		
1 1/2	70.6		
1	63.5		
3/4	58.7		
1/2	54.2		
3/8	52.2		
#4	44.9	25.0 - 70.0	
#10	38.3		
#20	28.7		
#40	19.4		
#50	15.6		
#100	7.8		
#200	3.6		

* NHDOT 304.2

Material Description

Well-graded gravel with silt and sand
(Sand and Gravel)

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

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

Coefficients

D₉₀= 66.3974 D₈₅= 59.5304 D₆₀= 20.6575
D₅₀= 7.5856 D₃₀= 0.9393 D₁₅= 0.2859
D₁₀= 0.1869 C_u= 110.51 C_c= 0.23

Remarks

% Passing #200 Sieve in Fine Portion= 8.0% Spec= 0-12%

Date Received: 12-9-15 Date Tested: 12-13-15

Tested By: Austin Boyle

Checked By: Jeff Young

Title: Lab Manager

Location: On Site
Sample Number: 15-1505

Depth: NHDOT 304.2

Date Sampled: 12-9-15

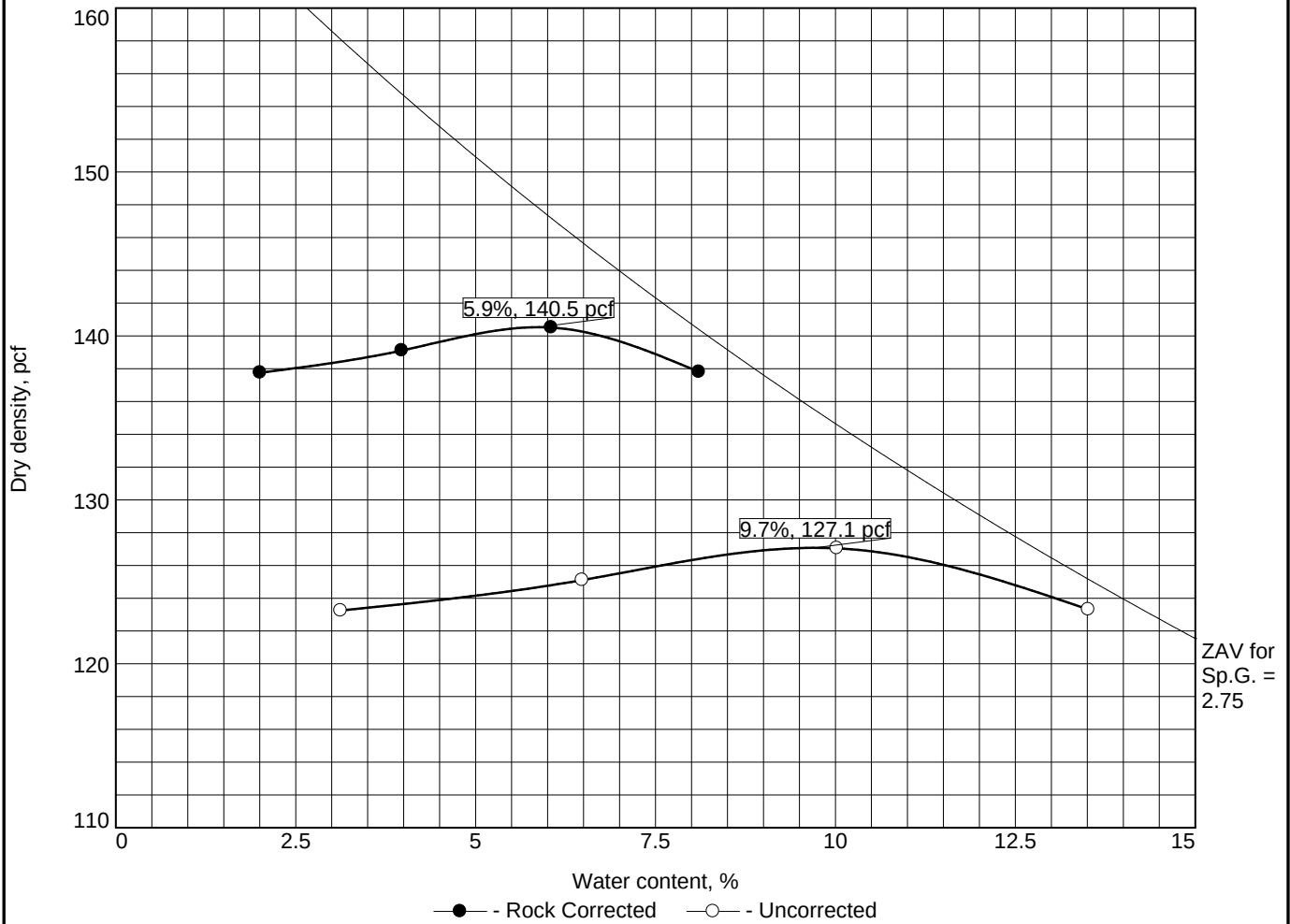


Client: DL Docko & Sons
Project: Miscellaneous Testing

Project No: 15-10-144

Figure 001

Moisture Density Report For Curve No. 15-1505



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 304.2				2.75			41.3	3.6

ROCK CORRECTED TEST RESULTS		UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 140.5 pcf		127.1 pcf	Well-graded gravel with silt and sand (Sand and Gravel)
Optimum moisture = 5.9 %		9.7 %	
Project No. 15-10-144 Client: DL Docko & Sons Project: New Bow Lake Rd. - Northwood, NH Date: 12-15-15 ☐ Location: On Site Sample Number: 15-1505			Remarks:
CONSULTING JTC TESTING & CONSTRUCTION, INC.			
			Figure 001B

Figure 001B

Tested By: Justin Carter Checked By: Jeff Young