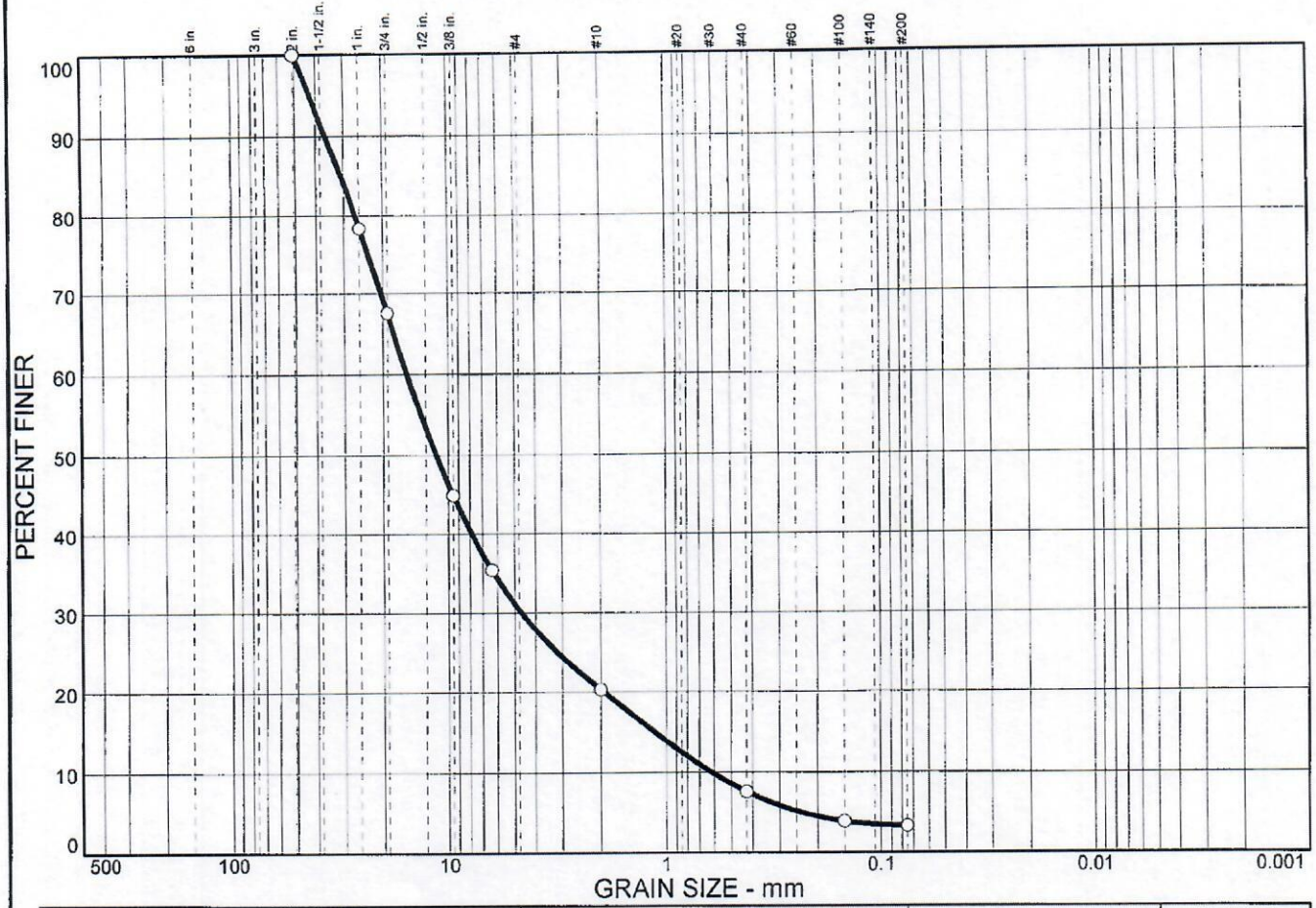
Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	69.7	27.0	3.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2 in.	100.0		
1 in.	78.3		
0.75 in.	67.5		
0.375 in.	44.9		
0.25 in.	35.4		
#10	20.3		
#40	7.6		
#100	3.9		
#200	3.3		

* (no specification provided)

Soil Description

NYSDOT 2" Minus Screened Gravel

Atterberg Limits

PL= LL= PI=

Coefficients

D_{85}= 30.9 D_{60}= 15.5 D_{50}= 11.4
D_{30}= 4.65 D_{15}= 1.13 D_{10}= 0.614
C_u= 25.19 C_c= 2.28

Classification

USCS= AASHTO=

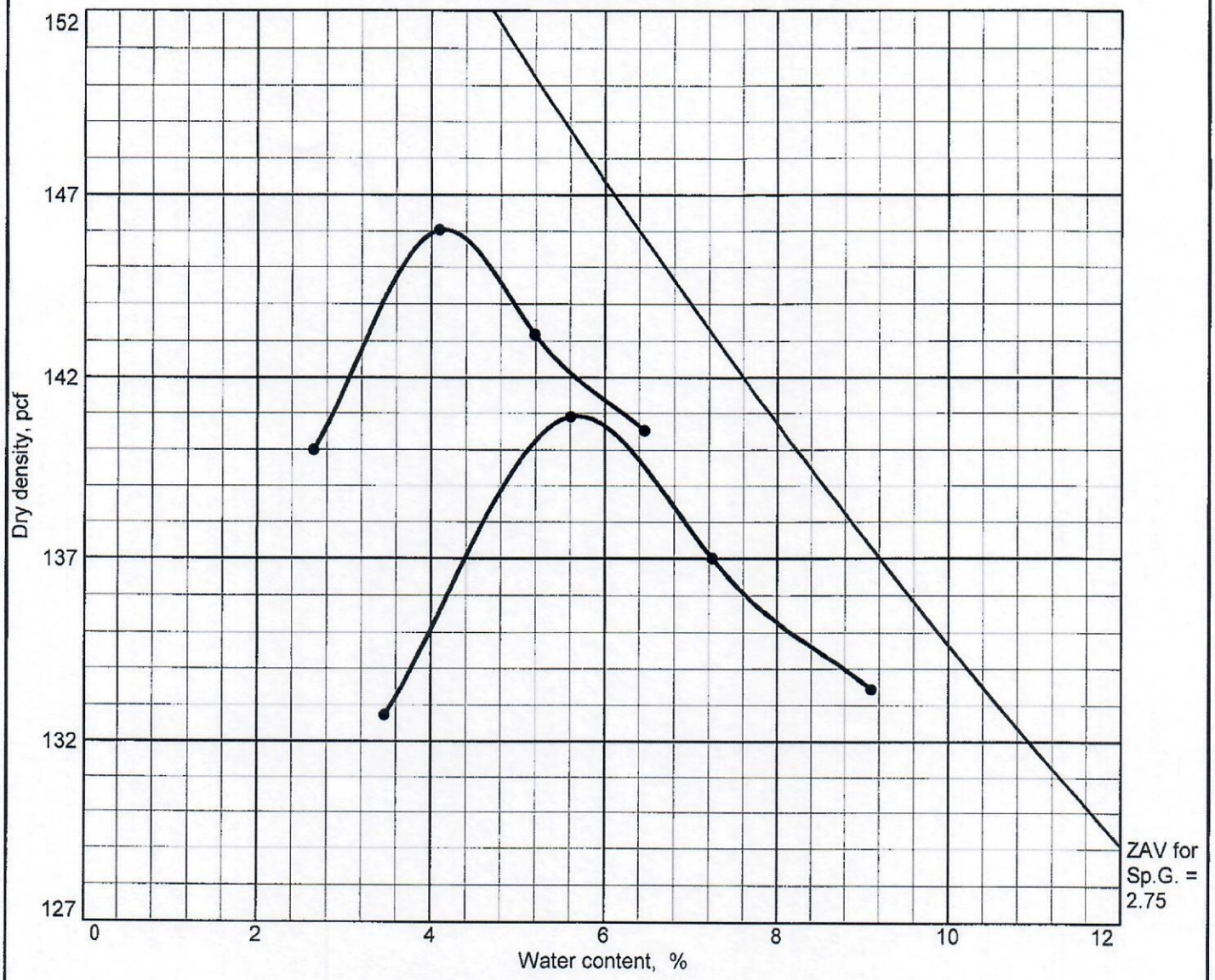
Remarks

Sample No.: 105 **Source of Sample:** O'Tooles Pit **Date:** 2-13-19
Location: **Elev./Depth:**

SJB SERVICES, INC.

Client: O'Tooles Sand & Gravel
Project: Material Testing
Project No: CT-19-013 **Plate** 105

COMPACTION TEST REPORT



Test specification: ASTM D 1557-12 Method C Modified
Oversize correction applied to each point

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/4 in.	% < No.200
	USCS	AASHTO						
				2.75			32.5	3.3

ROCK CORRECTED TEST RESULTS	UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 146.0 pcf	140.9 pcf	NYSDOT 2" Minus Screened Gravel
Optimum moisture = 4.1 %	5.7 %	

Project No. CT-19-013 **Client:** O'Tooles Sand & Gravel
Project: Material Testing

● **Source:** O'Tooles Pit **Sample No.:** 105

Remarks:
Date Tested:2-13-19

COMPACTION TEST REPORT

SJB SERVICES, INC.

Plate 105