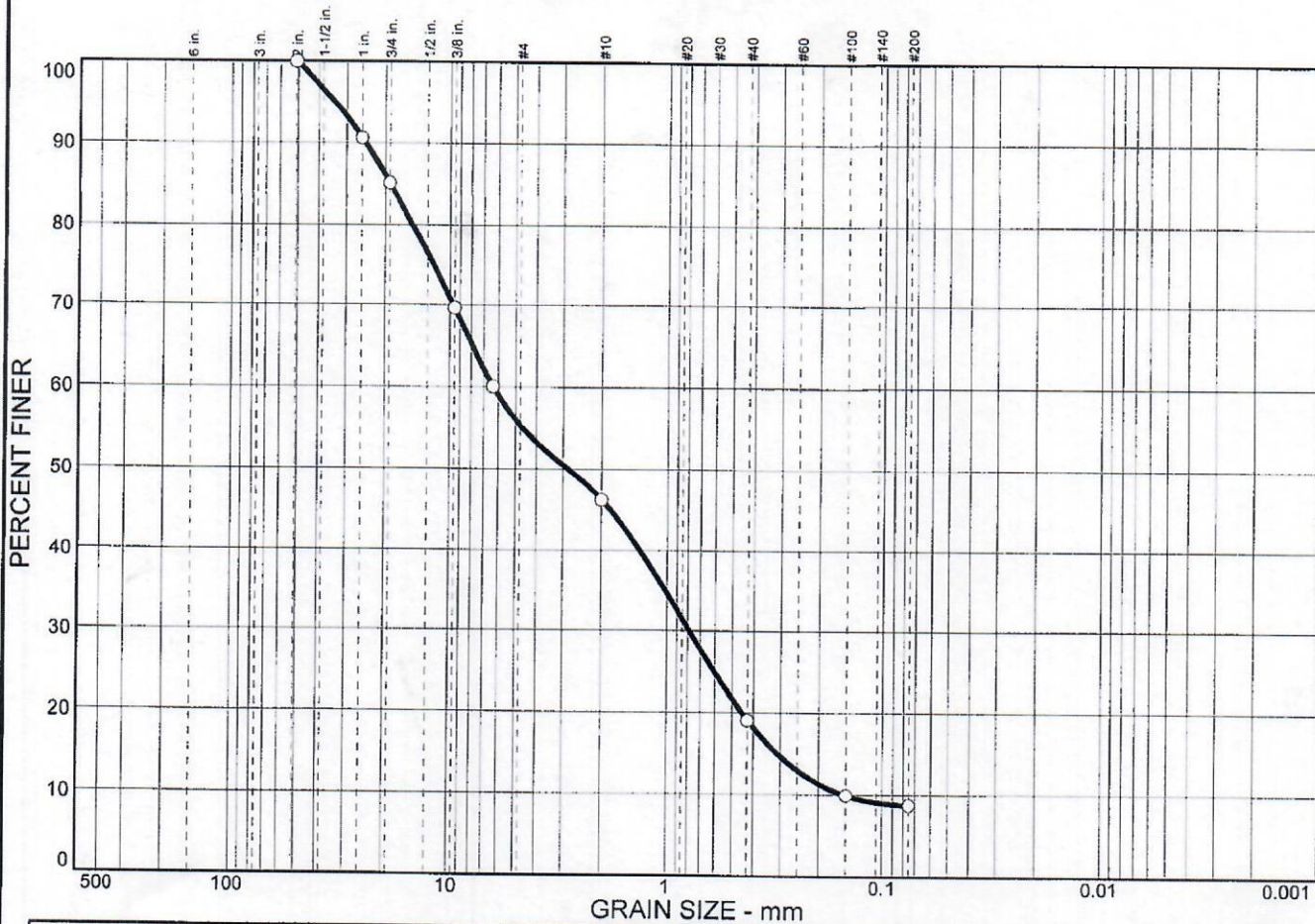


# Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	44.7	46.6	8.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2 in.	100.0		
1 in.	90.6		
0.75 in.	85.1		
0.375 in.	69.6		
0.25 in.	60.1		
#10	46.2		
#40	19.0		
#100	9.9		
#200	8.7		

Soil Description

NYSDOT Crushed Gravel

Atterberg Limits

PL=                      LL=                      PI=

Coefficients

D<sub>85</sub>= 19.0                      D<sub>60</sub>= 6.32                      D<sub>50</sub>= 2.86  
D<sub>30</sub>= 0.790                      D<sub>15</sub>= 0.311                      D<sub>10</sub>= 0.154  
C<sub>u</sub>= 41.00                      C<sub>c</sub>= 0.64

Classification

USCS=                      AASHTO=

Remarks

\* (no specification provided)

Sample No.: 108  
Location:

Source of Sample: O'Tooles Pit

Date: 2-14-19  
Elev./Depth:

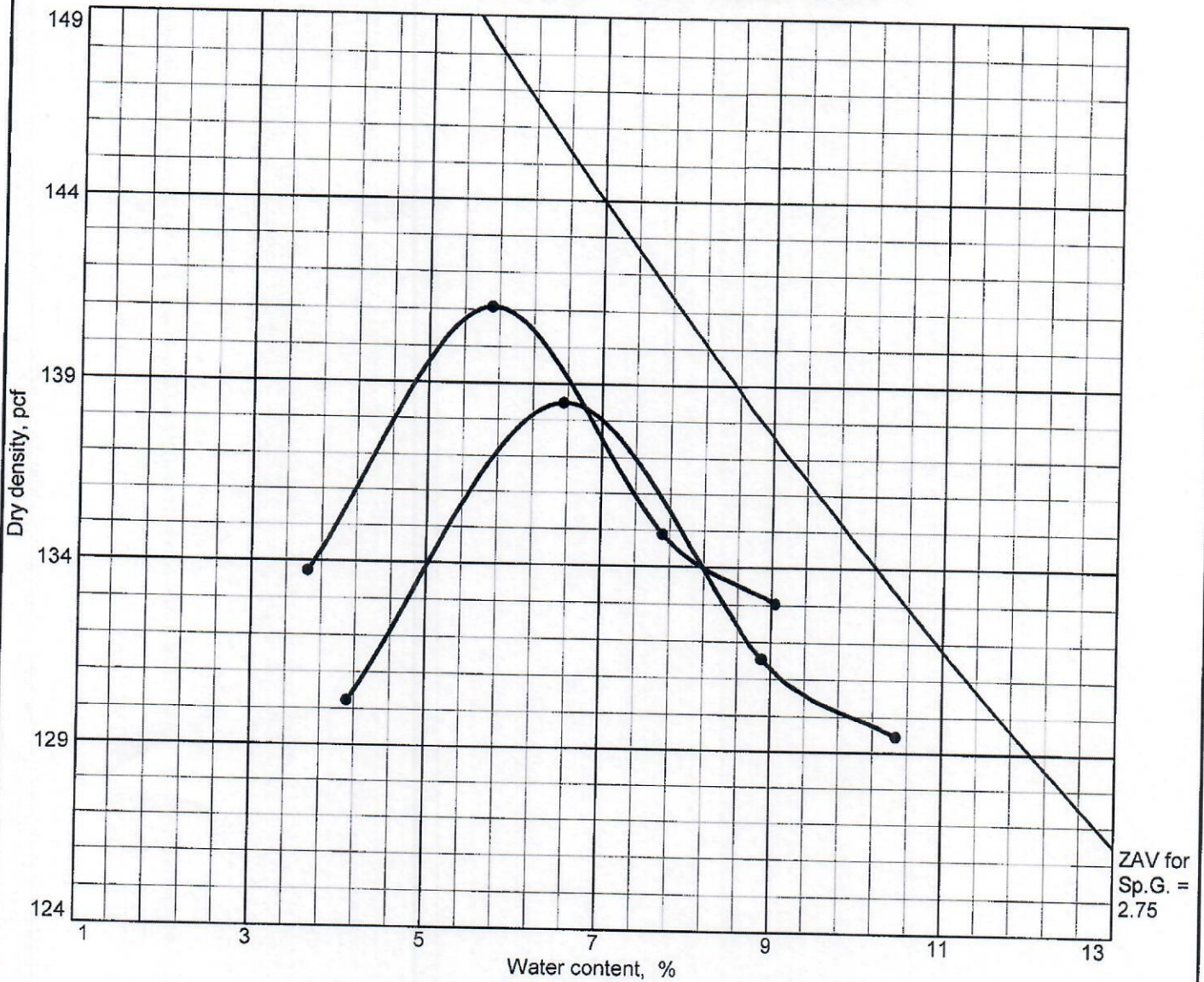
SJB  
SERVICES, INC.

Client: O'Tooles Sand & Gravel  
Project: Material Testing

Project No: CT-19-013

Plate 108

# 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			14.9	8.7

ROCK CORRECTED TEST RESULTS	UNCORRECTED	MATERIAL DESCRIPTION
Maximum dry density = 141.1 pcf	138.5 pcf	NYSDOT Crushed Gravel
Optimum moisture = 5.7 %	6.6 %	

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

● **Source:** O'Tooles Pit                          **Sample No.:** 108

**Remarks:**  
 Date Tested: 2-14-19

COMPACTION TEST REPORT  
**SJB SERVICES, INC.**