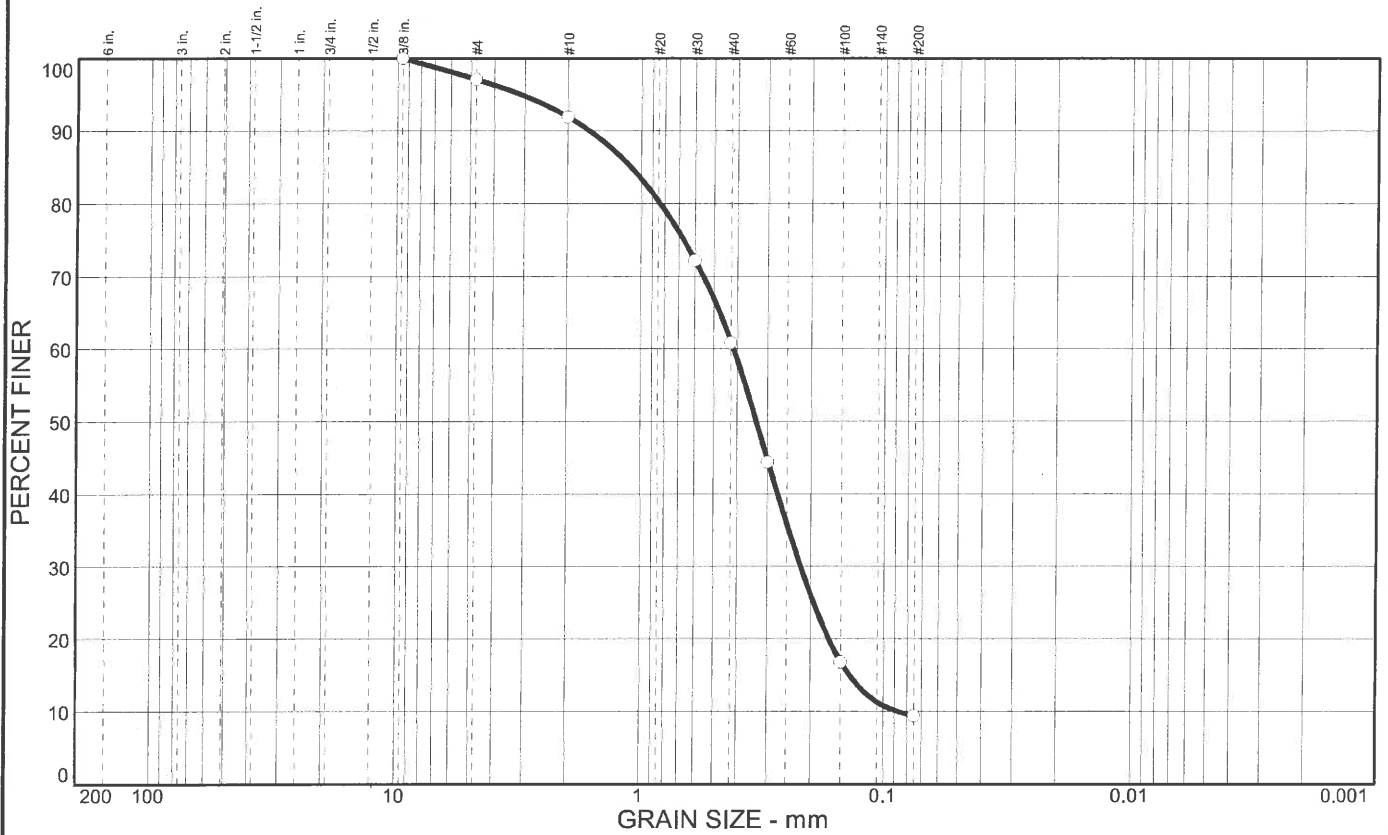


Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY	USCS	AASHTO	PL	LL
	2.9	87.7	9.4					

SIEVE inches size	PERCENT FINER		
	3/8"	100.0	
GRAIN SIZE			
D ₆₀	0.417		
D ₃₀	0.220		
D ₁₀	0.0871		
COEFFICIENTS			
C _c	1.33		
C _u	4.79		

SIEVE number size	PERCENT FINER		
	#4	97.1	
#10	91.9		
#30	72.2		
#40	60.8		
#50	44.4		
#100	16.8		
#200	9.4		

SOIL DESCRIPTION
 ○ Yellowish Brown Poorly Graded SAND w/ Silt

REMARKS:
 ○

○ Source: 6478

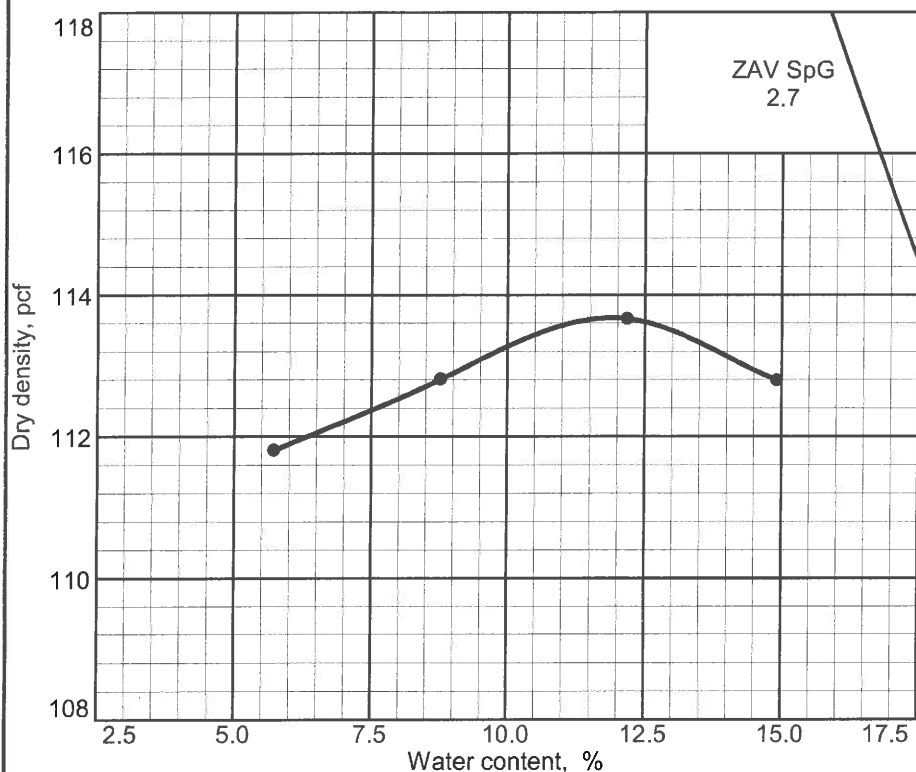
Sample No.: 4/19/19

COOPER TESTING LABORATORY

Client: Stevens Creek Quarry
 Project: Plant 2 PG&E Sand - 6478/ Date: 4/19/19
 Project No.: 384-940

Figure

COMPACTION TEST REPORT



Curve No.

Test Specification:
ASTM D 1557-00 Method A Modified

Hammer Wt.: 10 lb.
Hammer Drop: 18 in.
Number of Layers: five
Blows per Layer: 25
Mold Size: .03333 cu.ft.

Test Performed on Material
Passing No.4 **Sieve**

Soil Data
NM _____ **Sp.G.** 2.7
LL _____ **PI** _____
%>No.4 2.9 **%<#200** 9.4
USCS _____ **AASHTO** _____

TESTING DATA

	1	2	3	4	5	6
WM + WS	8.53	8.69	8.38	8.76		
WM	4.44	4.44	4.44	4.44		
WW + T #1	957.40	810.80	673.50	827.70		
WD + T #1	905.80	758.20	654.80	762.30		
TARE #1	317.90	326.40	328.10	323.80		
WW + T #2						
WD + T #2						
TARE #2						
MOISTURE	8.8	12.2	5.7	14.9		
DRY DENSITY	112.8	113.7	111.8	112.8		

TEST RESULTS

Maximum dry density = 113.7 pcf
 Optimum moisture = 11.9 %

Material Description

Yellowish Brown Poorly Graded SAND w/
Silt

Project No. 384-940 **Client:** Stevens Creek Quarry
Project: Plant 2 PG&E Sand - 6478/ Date: 4/19/19

Remarks:

● **Source:** 6478 **Sample No.:** 4/19/19

COMPACTION TEST REPORT

COOPER TESTING LABORATORY

Figure