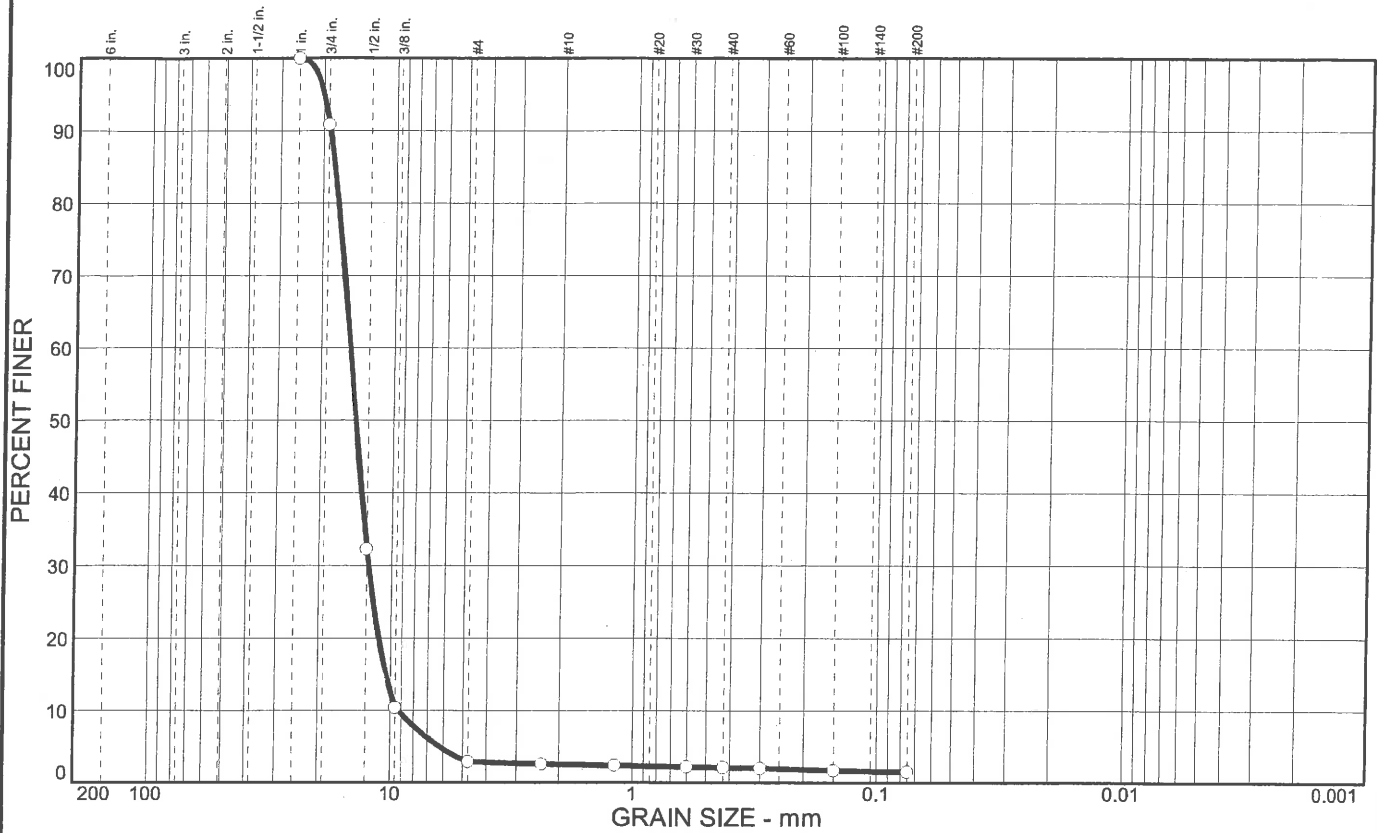


# Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY	USCS	AASHTO	PL	LL
	97.1	1.4	1.5					

SIEVE inches size	PERCENT FINER		
	○		
1	100.0		
3/4	90.9		
1/2"	32.3		
3/8"	10.4		
GRAIN SIZE			
D60	15.2		
D30	12.5		
D10	9.29		
COEFFICIENTS			
C <sub>c</sub>	1.10		
C <sub>u</sub>	1.64		

SIEVE number size	PERCENT FINER		
	○		
#4	2.9		
#8	2.6		
#16	2.4		
#30	2.2		
#40	2.1		
#50	2.0		
#100	1.7		
#200	1.5		

**SOIL DESCRIPTION**  
 ○ Gray Poorly Graded GRAVEL

**REMARKS:**  
 ○

○ Source: 6476

<p><b>COOPER TESTING LABORATORY</b></p>	<p>Client: Stevens Creek Quarry          Project: Native .75 Coarse - 6476/ Date: 4/10/19          Project No.: 384-938</p>
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Figure



# Durability Index, Caltrans 229

CTL Job No.: 384-938 Boring: \_\_\_\_\_ Date: 4/10/2019  
 Client: Stevens Creek Quarry Sample: 6476 By: MD  
 Project Name: Native .75 Coarse Depth (ft): \_\_\_\_\_ Checked By: DC  
 Project No.: 6476  
 Sample Description: Gray Poorly Graded GRAVEL

Gradation:		
Sieve	Incremental Weight Retained (lbs.)	% Retained (Of Specified Fractions)
1/2 inch	22.44	66.6
3/8 inch	8.36	24.8
No. 4	2.88	8.6
Passing No. 4	1.12	
Total	38.28	

Tests Performed:	
Coarse Durability Performed?:	Yes
Fine Durability Performed?:	No

## Coarse Durability

Pan ID: _____		
Weights Used:		
Sieve	Incremental Weight Used (g)	Cumulative Weight Used (g)
1/2 inch	1521.5	1521.5
3/8 inch	810.5	2331.9
No. 4	218.1	2550.0

Sediment Column Height at 20 minutes:	14
<b>Coarse Durability:</b>	<b>68</b>

## Fine Durability

Pan ID:	_____
Clay Reading at 20 minutes:	_____
Sand Reading at 20 minutes:	_____
<b>Fine Durability:</b>	_____

Notes: If either the fine or coarse portion of the sample represents less than 15%, that portion shall not be tested.

Remarks: \_\_\_\_\_