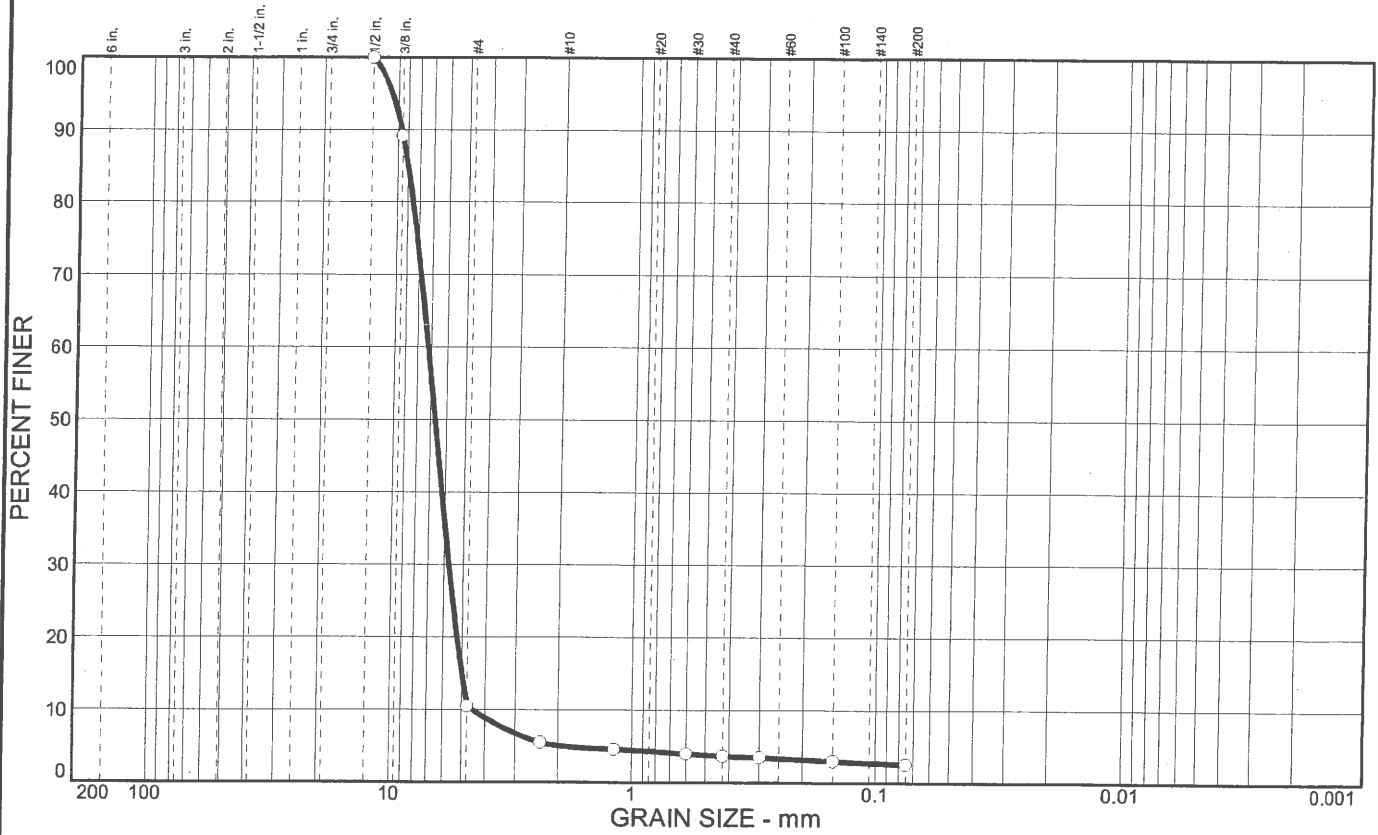


# Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY	USCS	AASHTO	PL	LL
	89.5	7.9	2.6					

SIEVE inches size	PERCENT FINER		
	○		
1/2	100.0		
3/8	89.2		
GRAIN SIZE			
D60	7.24		
D30	5.75		
D10	4.52		
COEFFICIENTS			
C <sub>c</sub>	1.01		
C <sub>u</sub>	1.60		

SIEVE number size	PERCENT FINER		
	○		
#4	10.5		
#8	5.5		
#16	4.6		
#30	4.0		
#40	3.7		
#50	3.5		
#100	3.0		
#200	2.6		

**SOIL DESCRIPTION**  
○ Gray Poorly Graded GRAVEL

**REMARKS:**  
○

○ Source: 6475

<p><b>COOPER TESTING LABORATORY</b></p>	<p>Client: Stevens Creek Quarry                  Project: Native Washed Chip - 6475/ Date: 4/10/19                  Project No.: 384-937</p>
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Figure



# Durability Index, Caltrans 229

CTL Job No.: 384-937 Boring: \_\_\_\_\_ Date: 4/10/2019  
 Client: Stevens Creek Quarry Sample: 6475 By: MD  
 Project Name: Native Washed Chip Depth (ft): \_\_\_\_\_ Checked By: DC  
 Project No.: 6475  
 Sample Description: Gray Poorly Graded GRAVEL

Gradation:		
Sieve	Incremental Weight Retained (lbs.)	% Retained (Of Specified Fractions)
1/2 inch	0.02	0.1
3/8 inch	3.32	12.0
No. 4	24.30	87.9
Passing No. 4	3.26	
Total	30.90	

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	1.8	1.8
3/8 inch	981.4	983.2
No. 4	1566.8	2550.0

Sediment Column Height at 20 minutes:	22
<b>Coarse Durability:</b>	<b>59</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: