



# GEOCON CONSULTANTS, INC.

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## AGGREGATE BASE LABORATORY COMPLIANCE TEST RESULTS

Project Name Argent Lab Testing Project No. E8826-04-02 Date 12/20/21  
 Sample ID 3/4" Rec. (Crushed) AB Station Not Available Lane Not Available Tested by AD/KW/MR  
 Sample Description 3/4 inch Recycled (Crushed) Aggregate Base

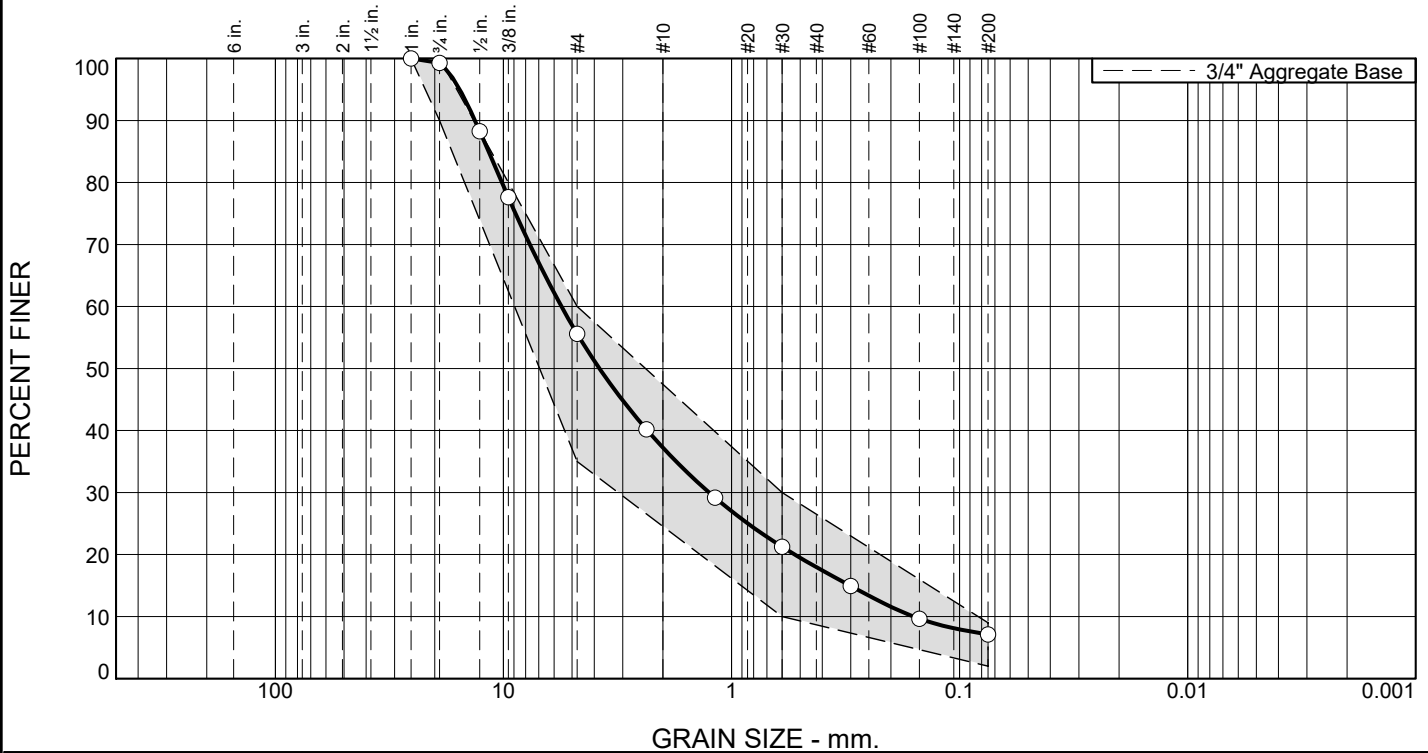
Test	Test Results	Caltrans Standard Specification Acceptance Values - 2018 Operating Range	Caltrans Standard Specification Acceptance Values - 2018 Contract Compliance	Pass/Fail
Resistance Value, CTM 301	82	78	--	Pass
Sand Equivalent, CTM 217	58	25 or greater	22 to 25	Pass
Durability Index, CTM 229, fine	50	NA	35 or greater	Pass
Durability Index, CTM 229, coarse	74	NA	35 or greater	Pass
Grain Size Analysis, CTM 202	See Attached	See Attached	See Attached	Pass

\* If the sand equivalent and/or gradation test results comply with contract compliance requirements but not operating range requirements, contractor may place AB for the remainder of the work day. Contractor shall not place additional AB on following work days until demonstration that placed material meets contract operating range requirements. (Caltrans Standard Spec. 2018, Section 26-1.01(D))

Mark Repking, PG  
Laboratory Manager

Reviewed by:  
Jeremy Zorne, PE, GE  
Geotechnical Group Manager

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.7	43.7	18.4	19.2	10.9	7.1	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100.0	100.0	
.75	99.3	90.0 - 100.0	
.5	88.3		
.375	77.6		
#4	55.6	35.0 - 60.0	
#8	40.2		
#16	29.2		
#30	21.3	10.0 - 30.0	
#50	14.9		
#100	9.7		
#200	7.1	2.0 - 9.0	

**Material Description**

3/4" Recycled Crushed Aggregate Base

**Atterberg Limits (ASTM D 4318)**

PL= \_\_\_\_\_ LL= \_\_\_\_\_ PI= \_\_\_\_\_

**Classification**

USCS (D 2487)= \_\_\_\_\_ AASHTO (M 145)= \_\_\_\_\_

**Coefficients**

D<sub>90</sub>= 13.3342    D<sub>85</sub>= 11.6188    D<sub>60</sub>= 5.5645  
D<sub>50</sub>= 3.7936    D<sub>30</sub>= 1.2539    D<sub>15</sub>= 0.3027  
D<sub>10</sub>= 0.1592    C<sub>u</sub>= 34.95    C<sub>c</sub>= 1.77

Remarks \_\_\_\_\_

Date Received: \_\_\_\_\_ Date Tested: 12/7/21

Tested By: KW/AD

Checked By: MR

Title: Lab Manager

\* 3/4" Aggregate Base

Sample Number: 3/4" Rec. Crushed AB

Date Sampled: \_\_\_\_\_