



Combat Disabled Veteran Owned Business
CSLB #816787 | Certified SB [Micro] | DVBE #2012191
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May 19, 2026

MATERIAL TESTING SUMMARY

Caltrans Class 2 Aggregate Base

This letter summarizes laboratory testing completed May 15, 2026, for recycled aggregate base material submitted by Earthwise Aggregates from the plant stockpile located at 22945 Coltrane Ave, Newhall, California 91321.

Testing was performed by ENGEO Incorporated, a California geotechnical and materials testing laboratory. Based on the attached ENGEO laboratory reports, the material tested meets the requirements of the Caltrans 2024 Standard Specifications, Section 26-1.02B, for Class 2 Aggregate Base.

The testing program evaluated key material properties commonly reviewed for acceptance of aggregate base material, including sand equivalent, durability index, gradation, and R-value.

Test	Result	Requirement	Status
Sand Equivalent	58	Minimum 25	PASS
Durability Index	48	Minimum 35	PASS
Gradation	Within Specified Limits	Per Caltrans Class 2 AB Gradation	PASS
R-Value	78	Per Caltrans Class 2 AB Criteria	PASS

Material Description

Grayish brown to light gray recycled aggregate base produced from recycled concrete and asphalt aggregate processed at the Earthwise Aggregates facility located at 22945 Coltrane Ave, Newhall, California 91321.

Use Statement

Based on the laboratory test reports provided, this material satisfies the tested requirements for Caltrans Class 2 Aggregate Base and may be presented to contractors, builders, developers, municipalities, and landscape companies as compliant base material, subject to project-specific approval, field verification, and agency acceptance where required.

Supporting Documentation

Full laboratory reports, gradation curves, and supporting test documentation are attached.

CLIENT: Earthwise Aggregates

PROJECT NAME: Earthwise Aggregates Plant – Lab Only

PROJECT LOCATION: 22945 Coltrane Ave, Newhall, CA 91321

TESTING LABORATORY: ENGEO Incorporated

AGGREGATE DURABILITY INDEX TEST REPORT

CTM 229

SAMPLE ID	MATERIAL DESCRIPTION AND SAMPLE LOCATION	COARSE DURABILITY	FINE DURABILITY	MINIMUM REQUIRED	DURABILITY INDEX
S-1	Grayish brown recycled AGGREGATE BASE	82	48	35	48

¹ Per CALTRANS Standard Specification 2024, Section 26-1.02B, Class 2 Aggregate Base



CLIENT: Earthwise Aggregates

PROJECT NAME: Earthwise Aggregates Plant - Lab Only

PROJECT NO: 31222.000.001 PH001

PROJECT LOCATION: Newhall, CA

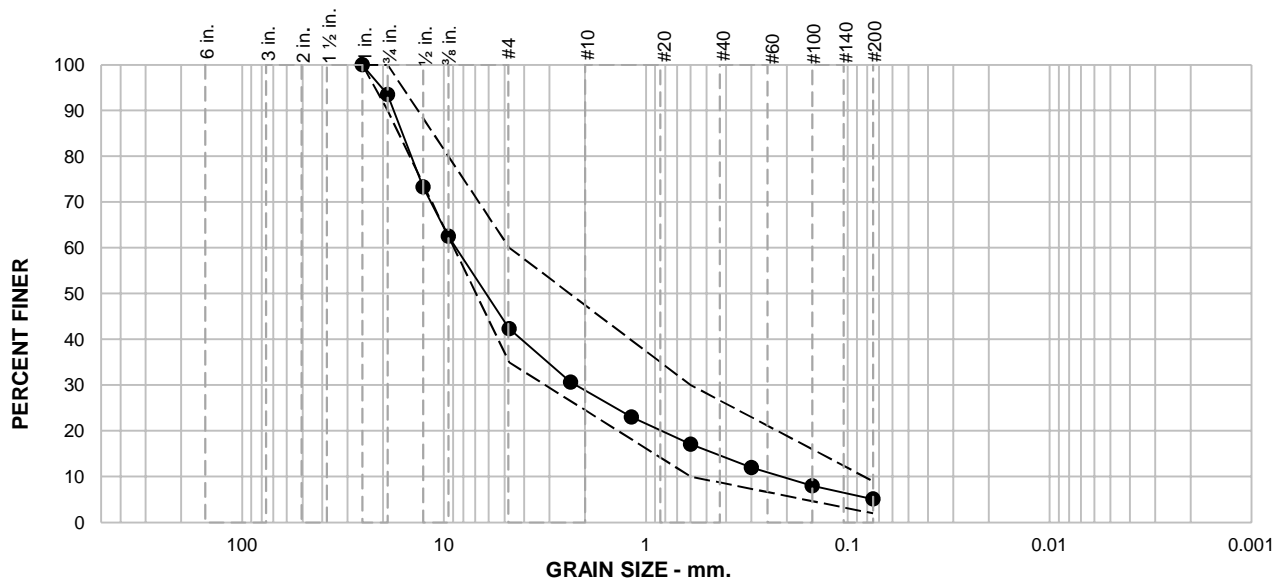
REPORT DATE: 5/12/2026

TESTED BY: K. Lecce

REVIEWED BY: J. Moriarty

PARTICLE SIZE DISTRIBUTION REPORT

CTM 202



SAMPLE ID: S-1
DEPTH (ft): n/a

% +75mm	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
	6	52	13	14	10	5.1	
SIEVE SIZE	PERCENT FINER	SPEC. PERCENT	PASS? (X=NO)	SOIL DESCRIPTION			
				Grayish brown recycled AGGREGATE BASE			
				ATTERBERG LIMITS			
				PL =	LL =	PI =	
				COEFFICIENTS			
				D ₉₀ = 17.6341 mm	D ₈₅ = 16.0113 mm	D ₆₀ = 8.6238 mm	
				D ₅₀ = 6.1917 mm	D ₃₀ = 2.1641 mm	D ₁₅ = 0.4547 mm	
				D ₁₀ = 0.2121 mm	C _u = 40.65	C _c = 2.56	
				CLASSIFICATION			
				USCS =			
				REMARKS			
				¹ Per CALTRANS Standard Specification 2024, Section 26-1.02B, Class 2 Aggregate Base			

CLIENT: Earthwise Aggregates



PROJECT NAME: Earthwise Aggregates Plant - Lab Only

PROJECT NO: 31222.000.001 PH001

PROJECT LOCATION: Newhall, CA

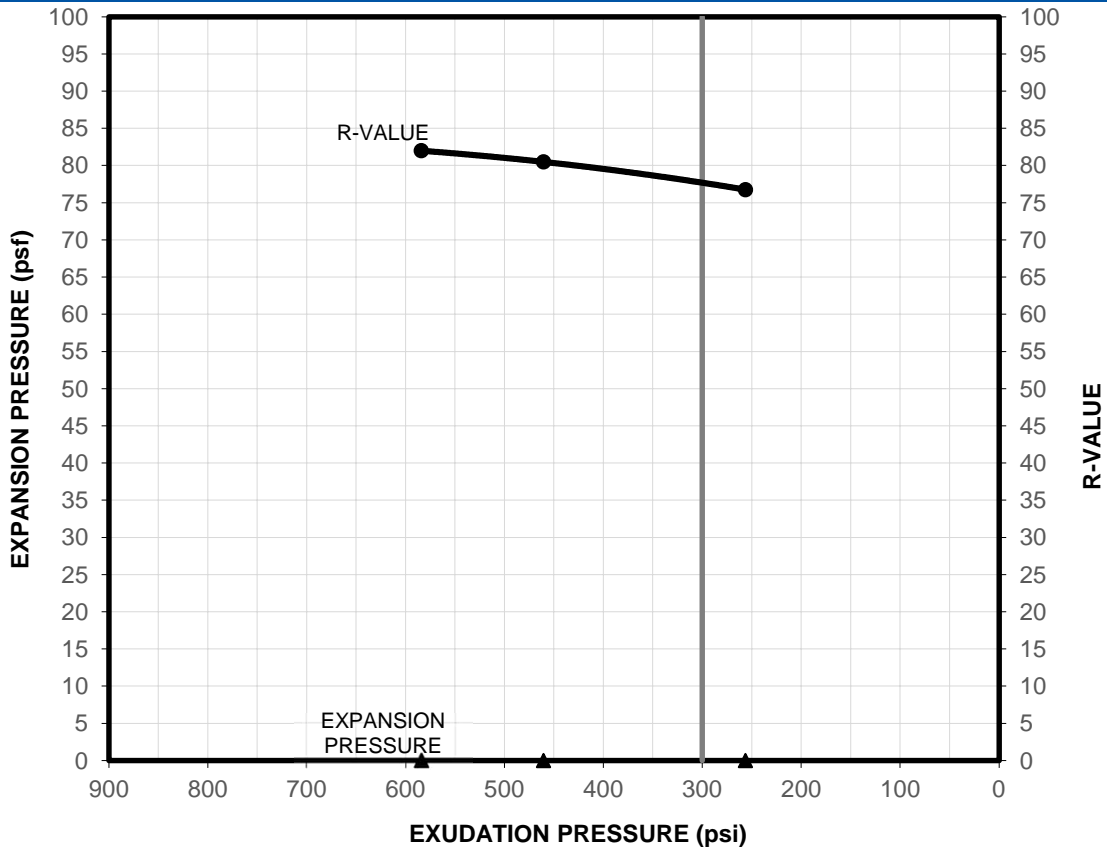
REPORT DATE: 5/12/2026

TESTED BY: K. Lecce

REVIEWED BY: J. Moriarty

R-VALUE TEST REPORT

CTM 301



SAMPLE ID	MATERIAL DESCRIPTION	SAMPLE LOCATION		
AB-01	Light gray recycled AGGREGATE BASE	Stockpile		
SPECIMENS		1	2	3
EXUDATION PRESSURE (psi)		584	461	256
EXPANSION PRESSURE (psf)		0	0	0
R-VALUE		82	80	77
MOISTURE CONTENT (%)		10.5	10.8	11.3
DRY DENSITY (pcf)		111.2	109.2	102.3
EXPANSION PRESSURE (psf) AT EXUDATION PRESSURE OF 300 psi		0		
R-VALUE AT EXUDATION PRESSURE OF 300 psi		TEST RESULT	MINIMUM REQUIRED ¹	
		78	78	

¹ Per CALTRANS Standard Specification 2024, Section 26-1.02B Class 2 Aggregate Base



CLIENT: Earthwise Aggregates

PROJECT NAME: Earthwise Aggregates Plant - Lab Only

PROJECT NO: 31222.000.001 PH001

PROJECT LOCATION: Newhall, CA

REPORT DATE: 5/13/2026

TESTED BY: R. Montalvo

REVIEWED BY: M. Gilbert

SAND EQUIVALENT TEST REPORT

CTM 217

SAMPLE ID	MATERIAL DESCRIPTION	SAMPLE LOCATION	MINIMUM REQUIRED	SAND EQUIVALENT
S-1	Grayish brown recycled AGGREGATE BASE	Earthwise plant	25	58

¹ Per CALTRANS Standard Specification 2024, Section 26-1.02B, Class 2 Aggregate Base



CLIENT: Earthwise Aggregates

PROJECT NAME: Earthwise Aggregates Plant - Lab Only

PROJECT NO: 3122.000.001 PH001

PROJECT LOCATION: Newhall, CA

REPORT DATE: 5/12/2026

TESTED BY: K. Lecce

REVIEWED BY: J. Moriarty