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

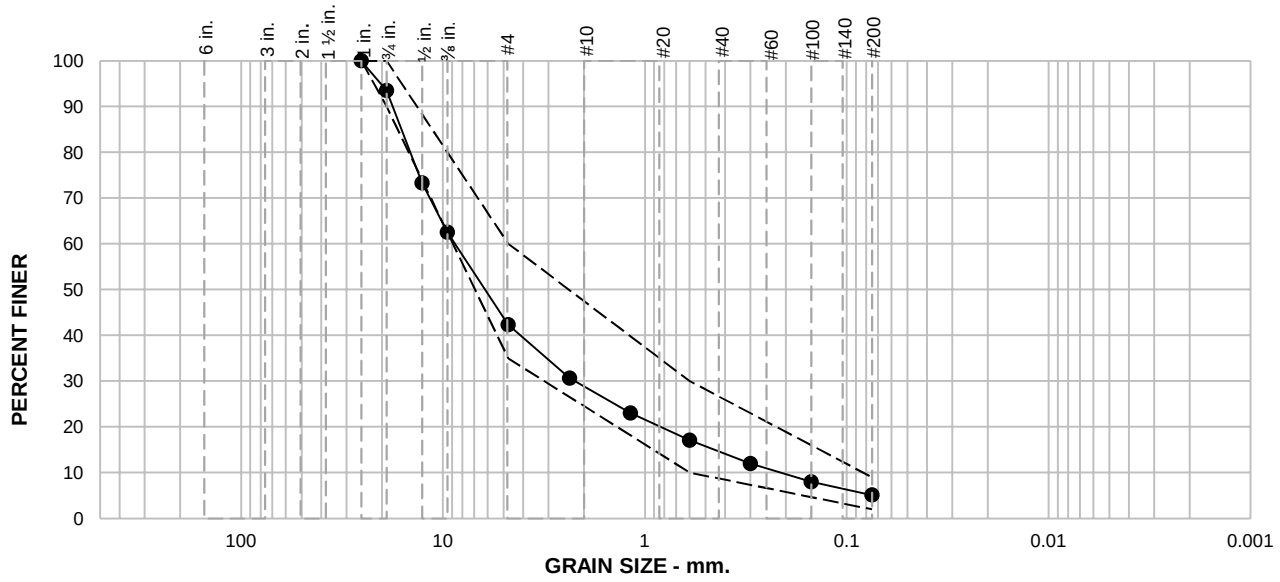
[1] Per CALTRANS Standard Specification 2024, Section 26-1.02B, Class 2 Aggregate Base

ENGEO
Expect Excellence

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)
1 in.	100	100 - 100	Yes
0.75 in.	94	90 - 100	Yes
½ in.	73		
0.38 in.	63		
#4	42	35 - 60	Yes
#8	31		
#16	23		
#30	17	10 - 30	Yes
#50	12		
#100	8		
#200	5.1	2.0 - 9.0	Yes

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

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CLIENT: Earthwise Aggregates

PROJECT NAME: Earthwise Aggregates Plant - Lab Only

PROJECT NO: 31222.000.001 PH001

PROJECT LOCATION: Newhall, CA

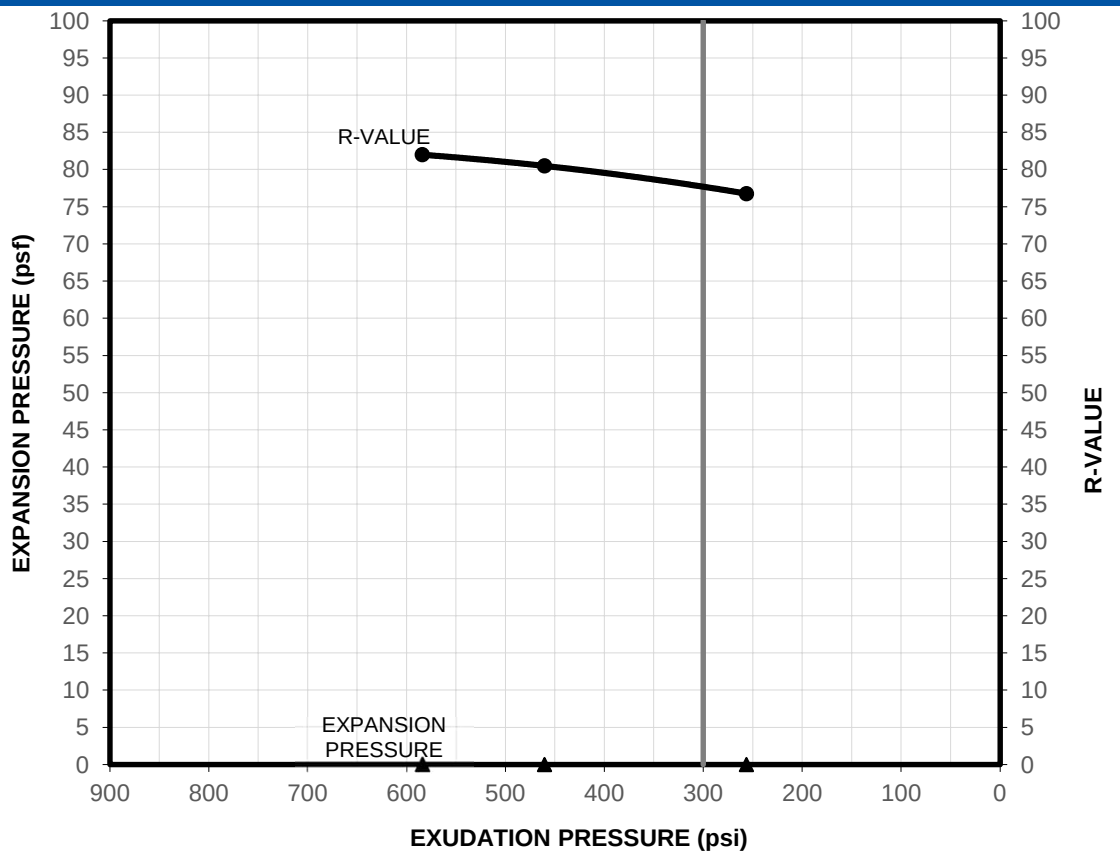
REPORT DATE: 5/12/2026

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

ENGEO
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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

ENGEO
Expect Excellence

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