

Office Locations: Denver (HQ), Parker, Colorado Springs, Fort Collins, Greenwood Springs and Summit County, Colorado

PROJECT NO.: 22-1-332
PROJECT NAME: COLORADO AGGREGATE RECYCLING
DATE RECEIVED: 09/29/2022

TABLE 1
SUMMARY OF LABORATORY TEST RESULTS

SAMPLE LOCATION	DATE TESTED	LA ABRASION % LOSS	LA ABRASION GRADING	R-VALUE 300 PSI	GRADATION		PERCENT PASSING NO. 200 SIEVE	ATTERBERG LIMITS		MDD (pcf)	OMC (%)
					GRAVEL (%)	SAND (%)		LIQUID LIMIT (%)	PLASTICITY INDEX (%)		
COLORADO SPRINGS PIT	10/12/22	36.5	B	88	50	41	9	NV	NP	121.8	10.2
GOLDEN PIT	10/20/22	40.8	B	79	46	46	8	28	NP	121.2	11.4

Curve No. 2345



COMPACTON TESTING DATA
ASTM D 1557-12 Method C Modified

SIEVE TEST RESULTS

Preparation Method

These test results apply only to the samples which were tested. the testing report shall not be reproduced, except in full, without the written approval of K & A, Inc

Maximum dry density = 121.2 pcf
Optimum moisture = 11.4 %

Denver, Colorado

Location: Golden Pit
Sample Number: 2345

Project: Colorado Aggregate Recycling

Project No. 22-1-332
Client:

Checked by:

Title: Lab Manager

Wff

Remarks:

well-graded gravel with silt and sand

Material Description

Figure

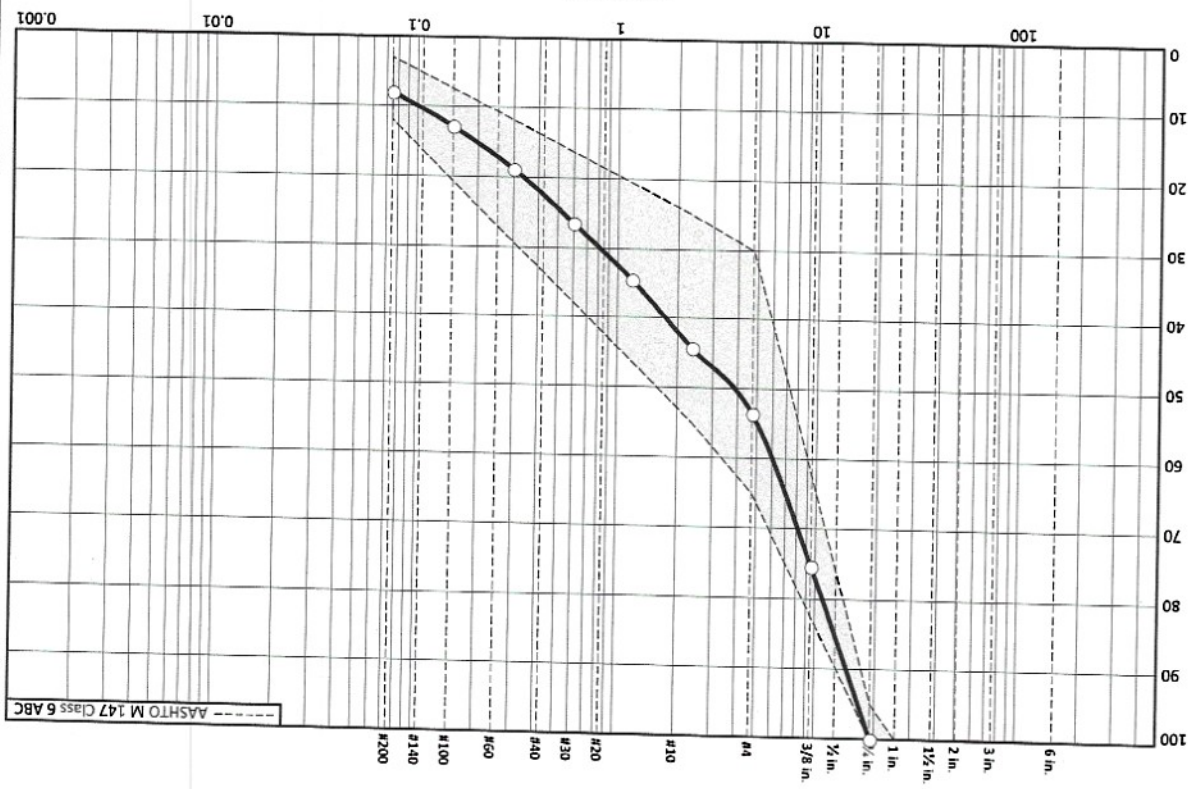
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Tested By: DN

Checked By: JIM

Particle Size Distribution Report

ASTM D422



% +3"		% Gravel		% Sand		% Fines	
0		0		12		8	
Coarse		Fine		Coarse		Silt	
0		46		19		Clay	
Coarse		Fine		Medium			
0		12		15			
Coarse		Fine		Fine			
0		46		15			
Coarse		Fine		Coarse			
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22-1-332

KUMAR & ASSOCIATES

HVEEM STABILOMETER TEST RESULTS

2345

LIQUID LIMIT: 28

PLASTICITY INDEX: NP

GRAVEL: 46

SAND: 46

SILT AND CLAY: 8

DATE SAMPLED: 9-29-2022

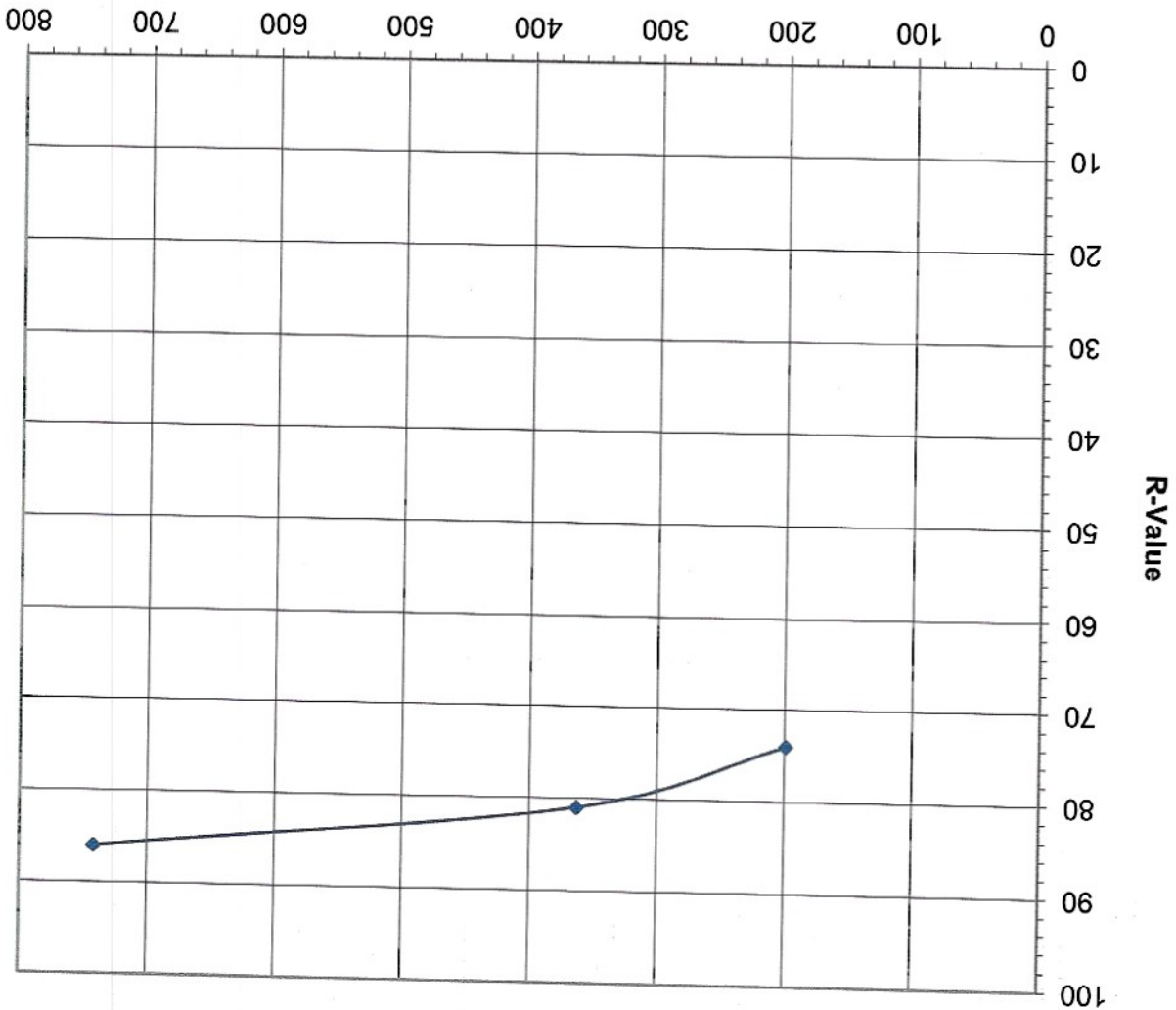
DATE RECEIVED: 9-29-2022

DATE TESTED: 10-20-2022

LOCATION: Golden Pit Location

SOIL TYPE: well-graded gravel with silt and sand

EXUDATION PRESSURE (psi)



R-VALUE

EXUDATION PRESSURE (psi)

EXPANSION PRESSURE (psi)

DENSITY (pcf)

MOISTURE CONTENT (%)

TEST SPECIMEN

R-VALUE

TEST SPECIMEN	1	2	3	4	R-VALUE
MOISTURE CONTENT (%)	1.5	13.3	15.0		
DENSITY (pcf)	117.2	114.9	109.7		
EXPANSION PRESSURE (psi)	0.000	0.000	0.000		
EXUDATION PRESSURE (psi)	742	363	199		
R-VALUE	86	81	74		79