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TABLE 1
SUMMARY OF LABORATORY TEST RESULTS
GOLDEN PIT

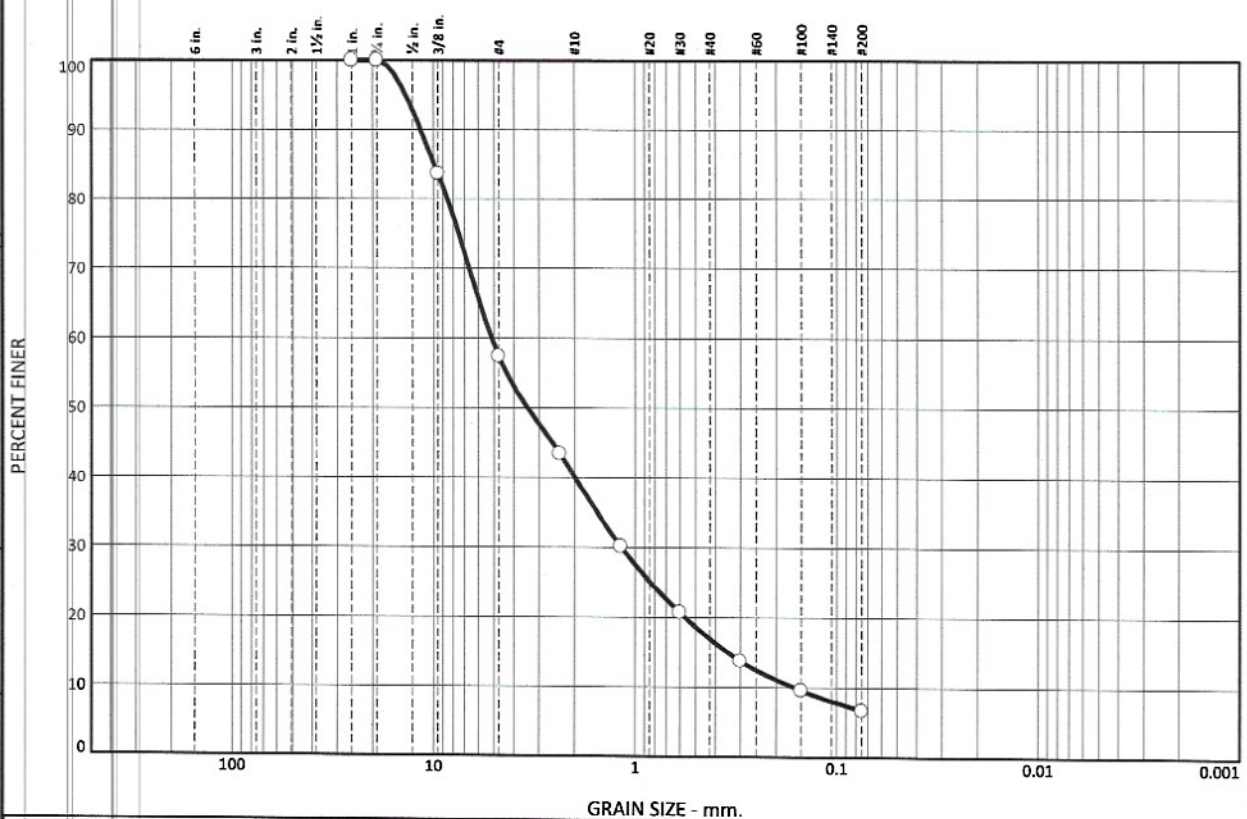
PROJECT NO.: 23-1-246
PROJECT NAME: 2023 COLORADO AGGREGATE RECYCLING LABORATORY TESTING
DATE RECEIVED: 3/20/2023

SAMPLE NO.	DATE TESTED	MAXIMUM DRY DENSITY (pcf)	OPTIMUM MOISTURE CONTENT (%)	GRADATION		PERCENT PASSING No. 200 SIEVE	ATTERBERG LIMITS		R-VALUE @ 300 PSI	LOS ANGELES ABRASION		SOIL OR BEDROCK TYPE
				GRAVEL (%)	SAND (%)		LIQUID LIMIT (%)	PLASTICITY INDEX (%)		GRADING	PERCENT LOSS (%)	
2598	4/2/23	115.4	10.0	43	50	7	28	1	81	B	39	WELL-GRADED SAND WITH SILT AND GRAVEL (RECYCLED CONCRETE)
2599	3/21/23	136.6	4.7	31	65	4	-	-	-	-	-	WELL-GRADED SAND WITH GRAVEL (RECYCLED ASPHALT)

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

Particle Size Distribution Report

AASHTO T 27 & T 11



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0	0	43	17	23	10	7	7

Test Results (AASHTO T 27 & T 11)				
Sieve Size or Diam. (mm.)	Finer (%)	Spec.* (%)	Out of Spec. (%)	Pct. of Fines
1"	100	100		
3/4"	100	95-100		
3/8"	84			
#4	57	30-65		
#8	43	25-55		76
#16	30			52
#30	21			36
#50	14			24
#100	10			17
#200	6.7	3-12		12

Material Description
well-graded sand with silt and gravel

Atterberg Limits
 PL= 27 LL= 28 PI= 1

Classification
 USCS= SW-SM AASHTO= A-1-a

Test Remarks

* AASHTO M 147 Class 6 ABC
 Location: ABC Class 6 Recycled Concrete Pile - Golden Pit
 Sample Number: 2598

Sample Date: 3/20/23

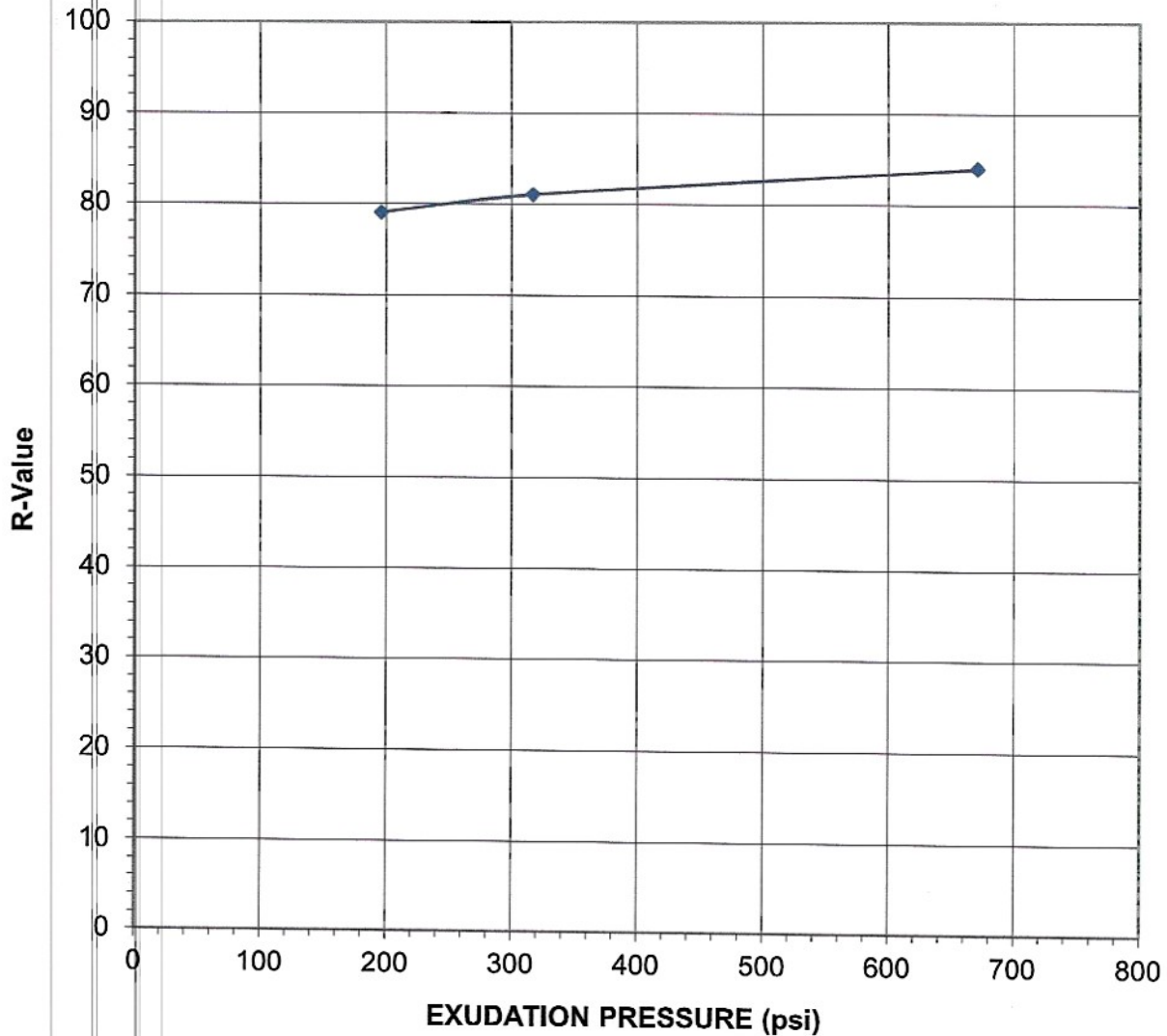
Kumar & Associates, Inc. Denver, Colorado	Client: Colorado Aggregate Recycling Project: 2023 Colorado Aggregate Recycling Lab Testing Project No: 23-1-248
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Tested By: DS _____ Checked By: JJM _____

Figure

R-VALUE

TEST SPECIMEN	1	2	3	4	R-VALUE (300 psi)
MOISTURE CONTENT (%)	15.2	14.3	13.4		81
DENSITY (pcf)	110.6	112.9	116.5		
EXPANSION PRESSURE (psi)	0.000	0.000	0.000		
EXUDATION PRESSURE (psi)	196	317	671		
R-VALUE	79	81	84		



SOIL TYPE: Well-Graded Sand with Silt and Gravel (Recycled Concrete)

LOCATION: Golden Pit - ABC Class 6

DATE SAMPLED: 3/20/2023

DATE RECEIVED: 3/20/2023

DATE TESTED: 4/2/2023

GRAVEL: 43

SAND: 50

SILT AND CLAY: 7

LIQUID LIMIT: 28

PLASTICITY INDEX: 1

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23-1-248

KUMAR & ASSOCIATES

HVEEM STABILOMETER TEST RESULTS

2598