



October 30, 2015

Mr. Ben Phillips
Ben Phillips Recycling
14 Commerce Parkway
Fredericksburg, VA 22406

Reference: Crushed Concrete Laboratory Analysis on #57 Stone
DEA Project No. 5526

Mr. Phillips:

Dominion Engineering Associates, Inc. (DEA) received a bulk sample from an offsite stockpile of crushed concrete #57 Stone to evaluate for compliance with the VDOT Section 203, Table II-3 of Road and Bridge. A representative sample of the crushed concrete was tested in our laboratory in accordance with AASHTO T-27. The gradation requirements per the chart referenced in Table II and associated results are summarized below:

Sieve Size	Design Range (Percent Passing)	Lab Percent Passing	Pass (P) Fail (F)
1 1/2 inch	100	100	P
1 inch	95-100	98	P
1/2 inch	25-60	28	P
No. 4	Max 10	6	P
No. 8	Max 5	5	P

This report has been prepared in accordance with generally acceptable geotechnical engineering practices and no other warranties, either expressed or implied, are made. If you should have any questions with the above or if we can be of further assistance, please do not hesitate to contact us.

Respectfully:
Dominion Engineering Associates, Inc.

A handwritten signature in blue ink, appearing to read "KLP", is written over the typed name.

Kevin L. Parris
President



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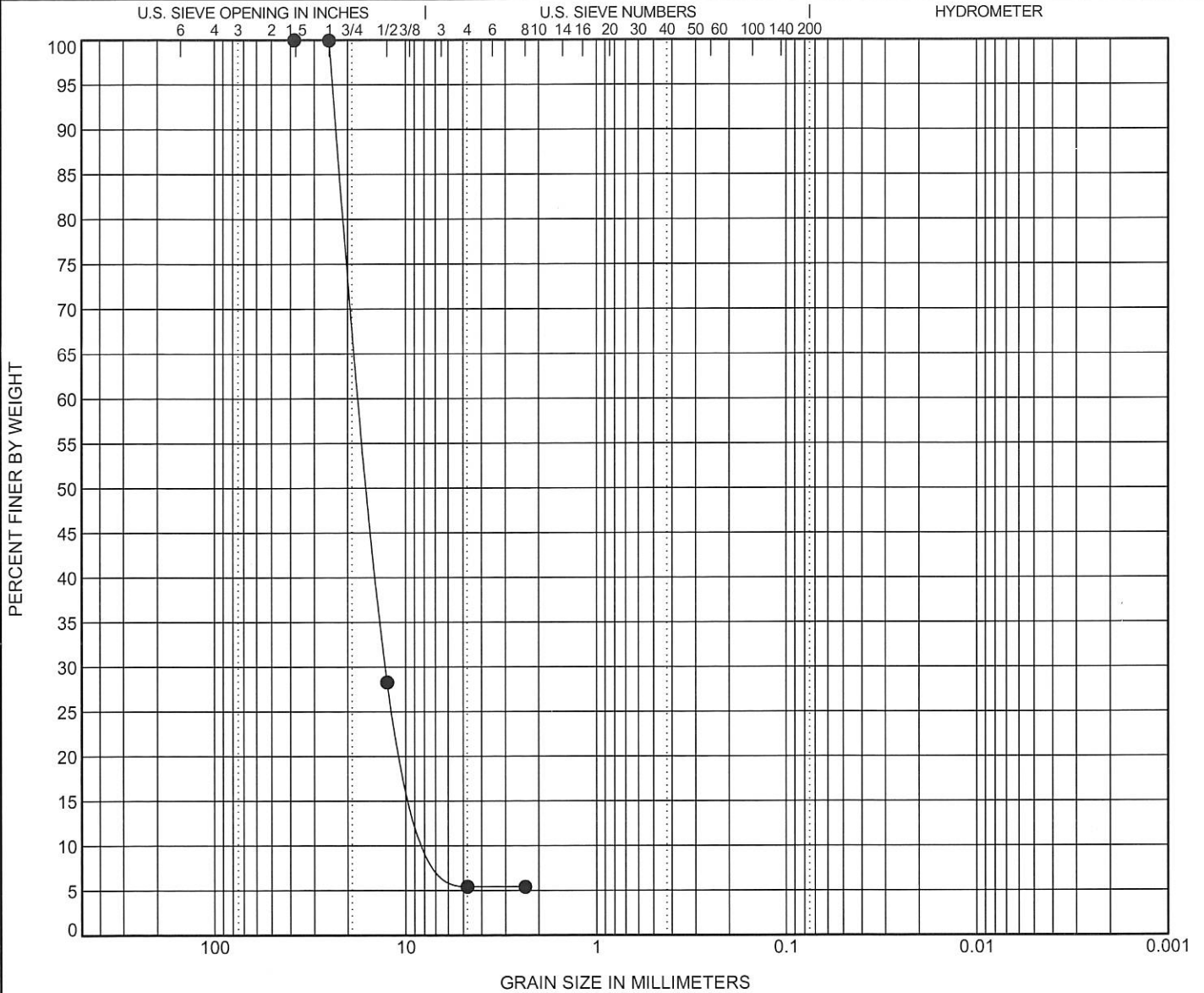
GRAIN SIZE DISTRIBUTION

CLIENT Ben Phillips Recycling

PROJECT NAME Ben Phillips Recycling

PROJECT NUMBER 5526

PROJECT LOCATION Culpeper, Virginia



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					LL	PL	PI	Cc	Cu
● 5612 2.0	# 57 Stone					NP	NP	NP	1.65	2.95
Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay		
● 5612 2.0	38.1	16.986	12.709	5.763	94.6					

GRAIN SIZE 5526 BEN PHILLIPS RECYCLING.GPJ GINT US LAB.GDT 10/30/15