

GRAIN SIZE DISTRIBUTION TEST DATA

8/19/2014

Location: Eviro Tech

Material Description: Recycled Concrete 57

Sample Date: 8-18-14

Date Received: 8-18-14

Testing Remarks: Recycled

Tested By: LS

Checked By: SH

Test Date: 8-19-14

Pass

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
5687.00	0.00	0.00	1.5	0.00	100.0
			1	0.00	100.0
			0.5	3762.00	33.8
			#4	5552.00	2.4
			#8	5568.00	2.1

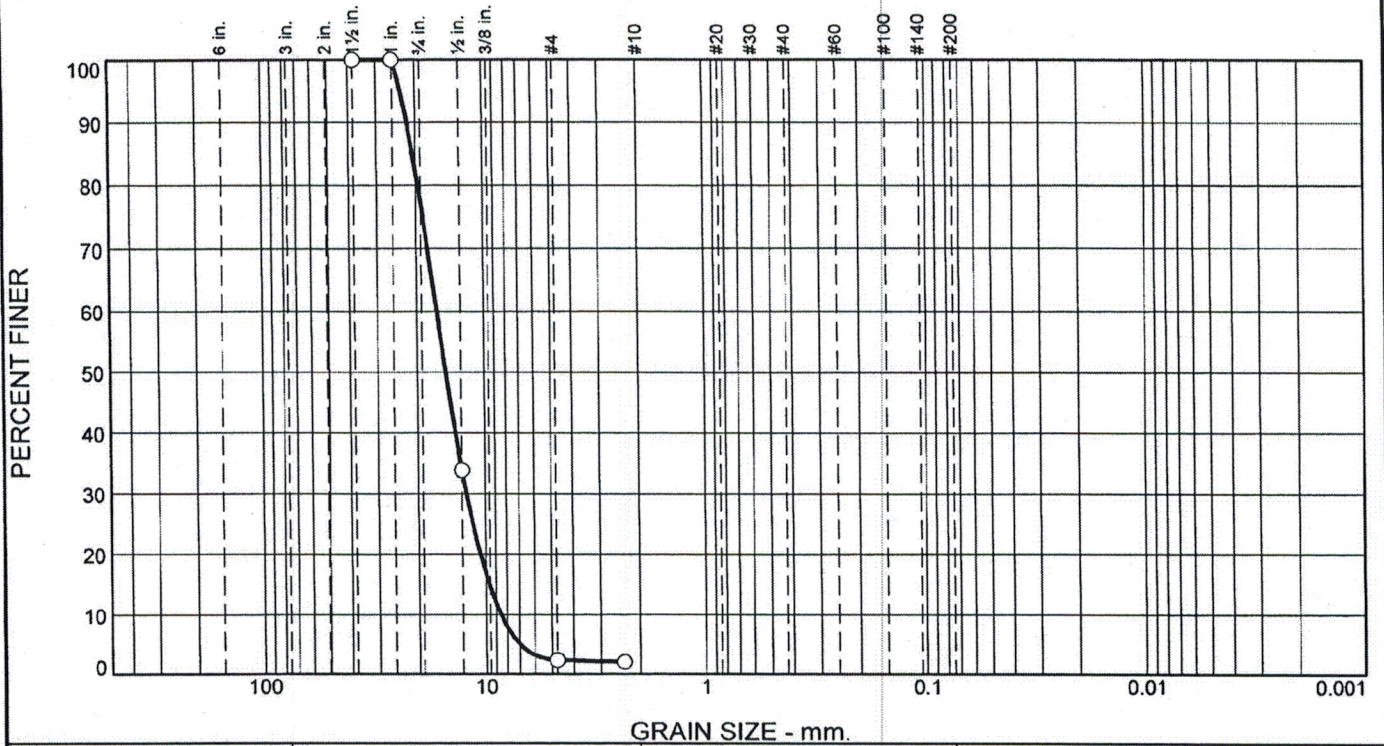
Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0							

D ₁₀	D ₁₅	D ₂₀	D ₃₀	D ₅₀	D ₆₀	D ₈₀	D ₈₅	D ₉₀	D ₉₅
8.5641	9.6585	10.5767	12.1510	14.8777	16.2659	19.5347	20.5600	21.7516	23.2300

Fineness Modulus	C _u	C _c
3.04	1.90	1.06

Particle Size Distribution Report



% +3"

% Gravel

% Sand

% Fines

0.0

Coarse

Fine

Silt

Clay

TEST RESULTS

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1.5	100.0		
1	100.0		
0.5	33.8		
#4	2.4		
#8	2.1		

* (no specification provided)

Material Description

Recycled Concrete 57

Atterberg Limits (ASTM D 4318)

PL=

LL=

PI=

Classification

USCS (D 2487)=

AASHTO (M 145)=

Coefficients

D₉₀= 21.7516

D₈₅= 20.5600

D₆₀= 16.2659

D₅₀= 14.8777

D₃₀= 12.1510

D₁₅= 9.6585

D₁₀= 8.5641

C_u= 1.90

C_c= 1.06

Remarks

Recycled

Date Received: 8-18-14

Date Tested: 8-19-14

Tested By: LS

Checked By: SH

Title:

Location: Eviro Tech

Date Sampled: 8-18-14

City of Columbus

Client:

Project:

Project No:

Figure