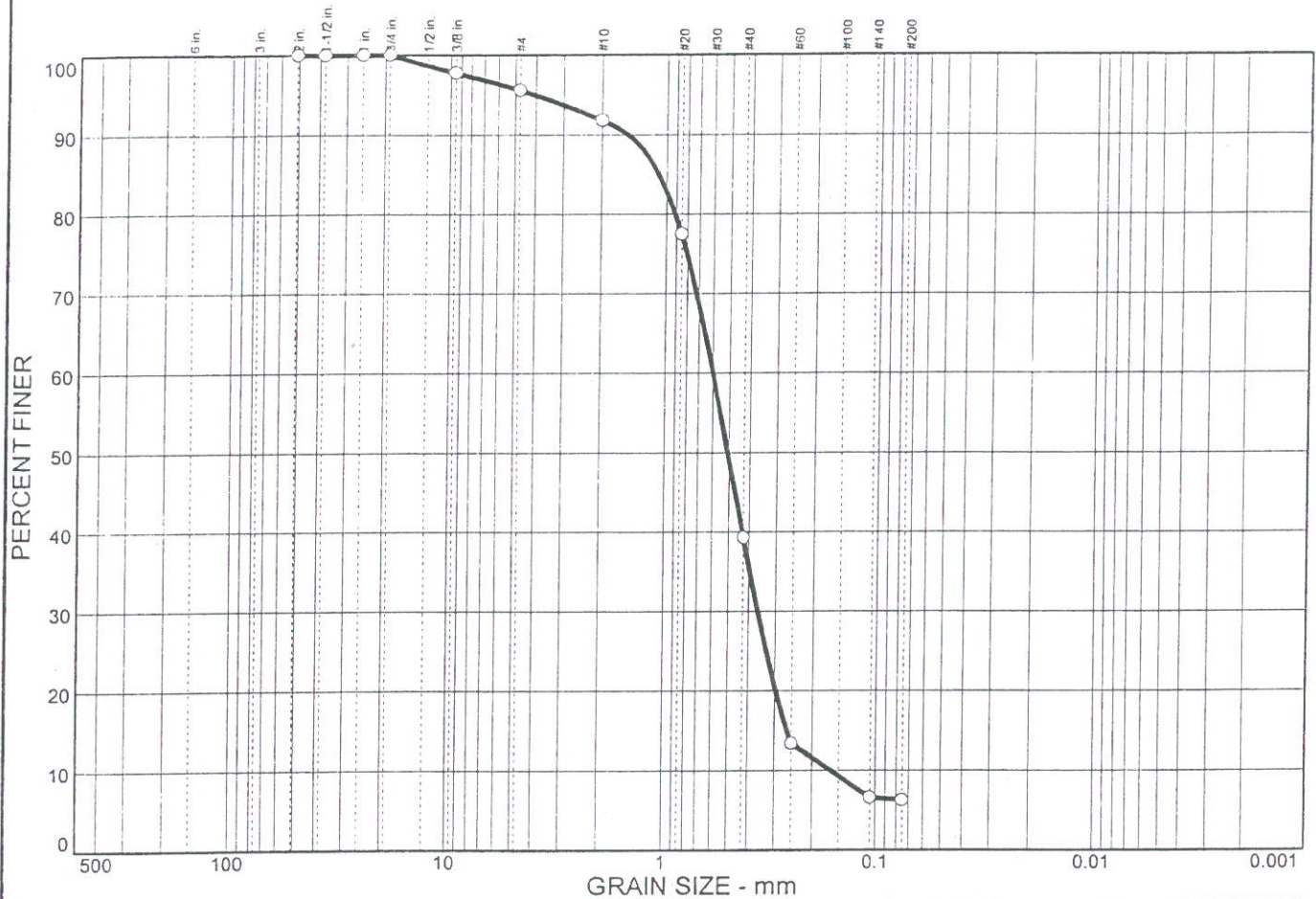


A solid black vertical line runs down the left side of the page.

APPENDIX B

Laboratory Test Results

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	4.4	89.3	6.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
2 in.	100.0		
1.5 in.	100.0		
1 in.	100.0		
3/4 in.	100.0		
3/8 in.	97.8		
#4	95.6		
#10	91.8		
#20	77.5		
#40	39.3		
#60	13.4		
#140	6.6		
#200	6.3		

* (no specification provided)

Soil Description
Poorly graded sand with silt

Atterberg Limits
PL= NP LL= PI= NP

Coefficients
 $D_{85} = 1.09$ $D_{60} = 0.599$ $D_{50} = 0.507$
 $D_{30} = 0.362$ $D_{15} = 0.262$ $D_{10} = 0.163$
 $C_u = 3.68$ $C_c = 1.34$

Classification
USCS= SP-SM AASHTO=

Remarks
 $W_n = 3.4\%$

Sample No.: S-1
Location:

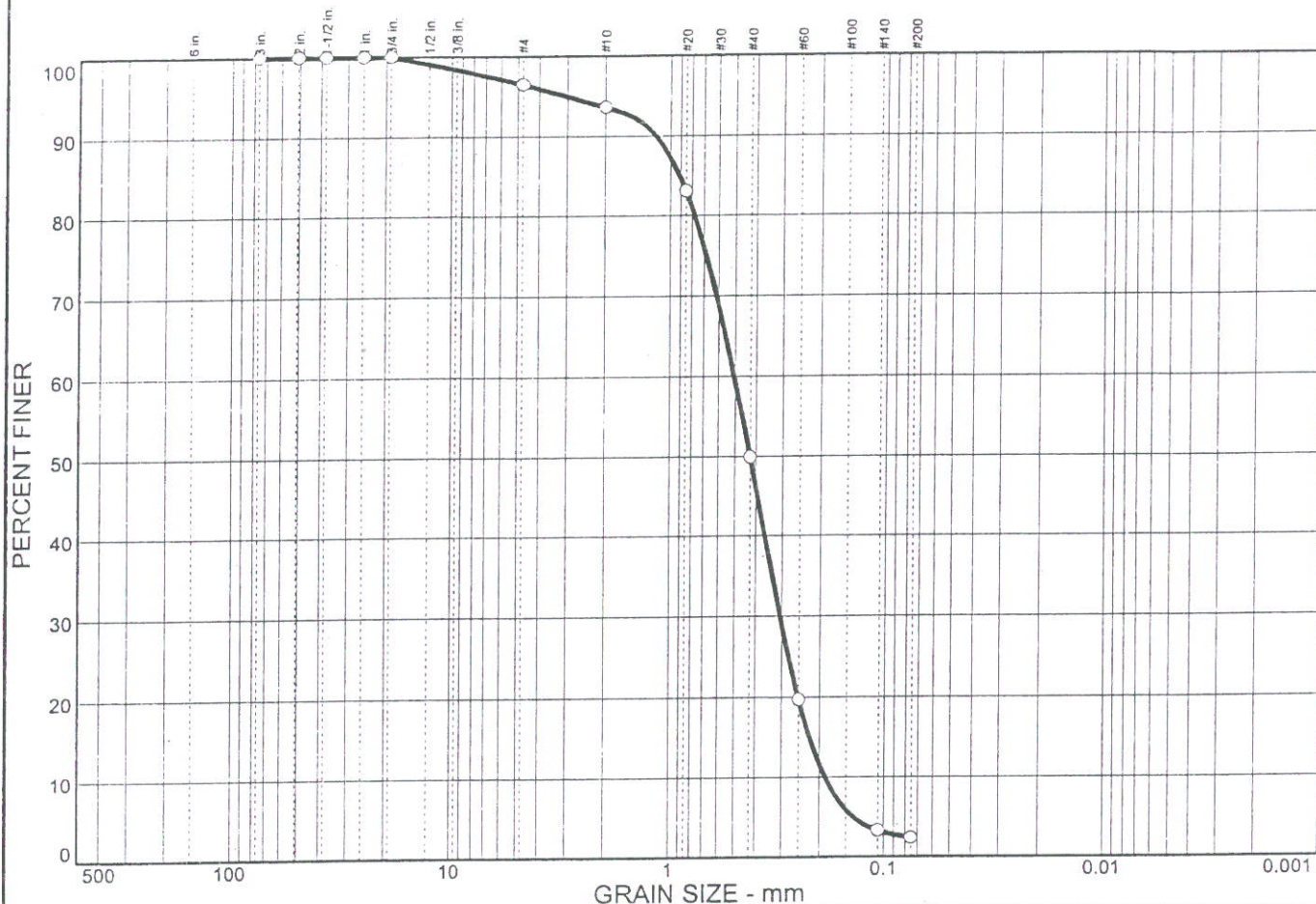
Source of Sample: B-2

Date: 6/27/06
Elev./Depth: 0'-2'

**WHITESTONE
ASSOCIATES, INC.**

Client: Costco Wholesale Corporation
Project: Proposed Costco Wholesale Facility
Old Country Road (CR 58), Riverhead, NY
Project No: WJ06-8805 Plate

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	3.5	94.1	2.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3 in.	100.0		
2 in.	100.0		
1.5 in.	100.0		
1 in.	100.0		
3/4 in.	100.0		
#4	96.5		
#10	93.6		
#20	83.1		
#40	49.9		
#60	19.7		
#140	3.3		
#200	2.4		

* (no specification provided)

Soil Description

Poorly graded sand

Atterberg Limits

PL= NP

LL=

PI= NP

Coefficients

D₈₅= 0.909

D₆₀= 0.506

D₅₀= 0.426

D₃₀= 0.306

D₁₅= 0.222

D₁₀= 0.187

C_u= 2.70

C_c= 0.99

Classification

USCS= SP

AASHTO=

Remarks

W_n = 2.58%

Sample No.: S-2

Location:

Source of Sample: B-3

Date: 6/27/06

Elev./Depth: 2'-4'

**WHITESTONE
ASSOCIATES, INC.**

Client: Costco Wholesale Corporation
Project: Proposed Costco Wholesale Facility
Old Country Road (CR 58), Riverhead, NY

Project No: WJ06-8805

Plate