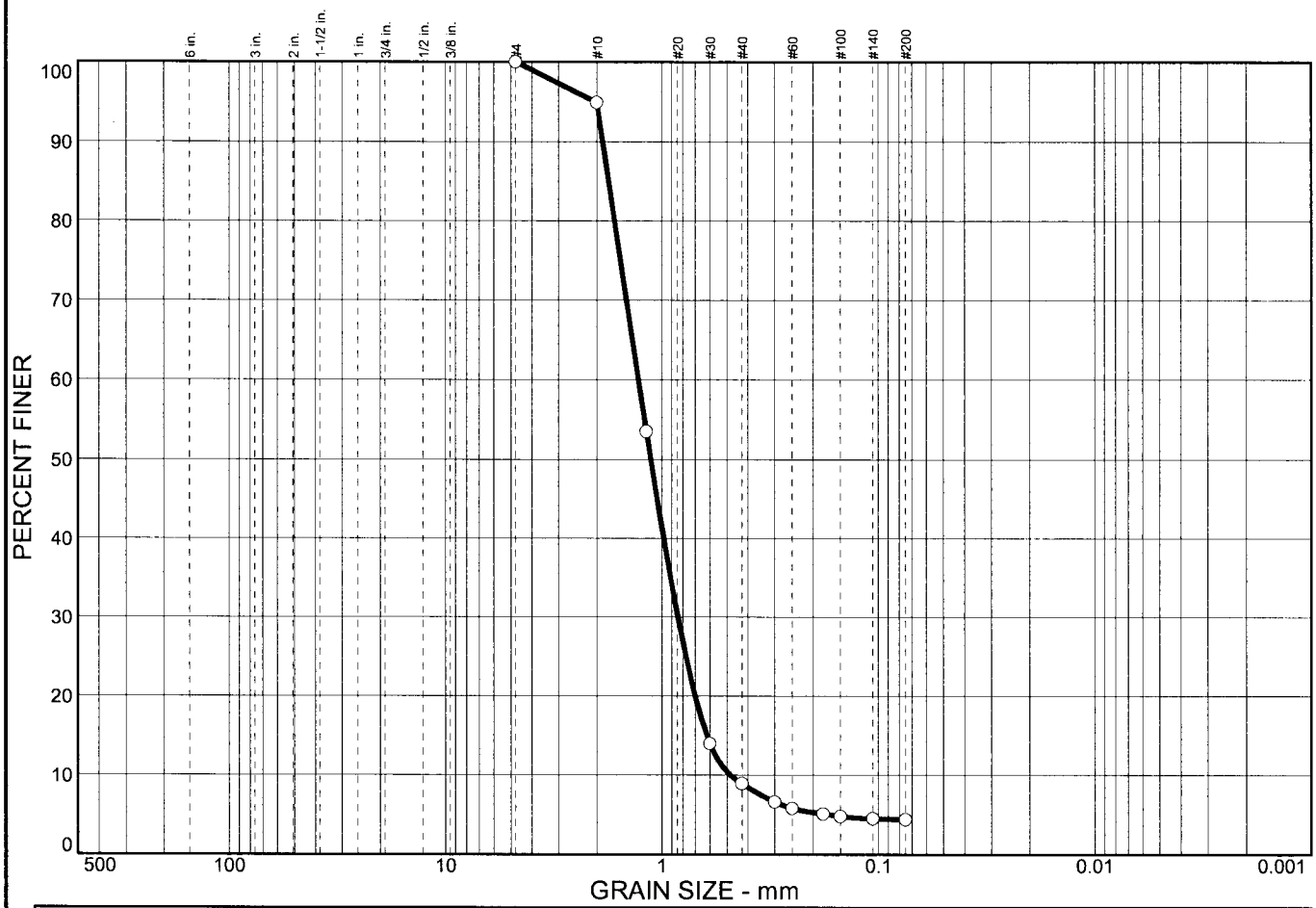
APPENDIX C
SEDIMENT DATA

Laboratory Testing Services
Ocean View Sediment Analysis
Norfolk, Virginia
GET Project No: VB04-131G
April 29, 2004
Prepared for: Waterway Surveys and Engineering, LTD

GET Solutions, Inc.

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	95.6	4.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	94.9		
#16	53.5		
#30	14.0		
#40	8.9		
#50	6.6		
#60	5.8		
#80	5.1		
#100	4.8		
#140	4.5		
#200	4.4		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 1.77 D_{60}= 1.28 D_{50}= 1.13
D_{30}= 0.844 D_{15}= 0.620 D_{10}= 0.483
C_u= 2.66 C_c= 1.15

Classification

USCS= SP AASHTO= A-1-b

Remarks

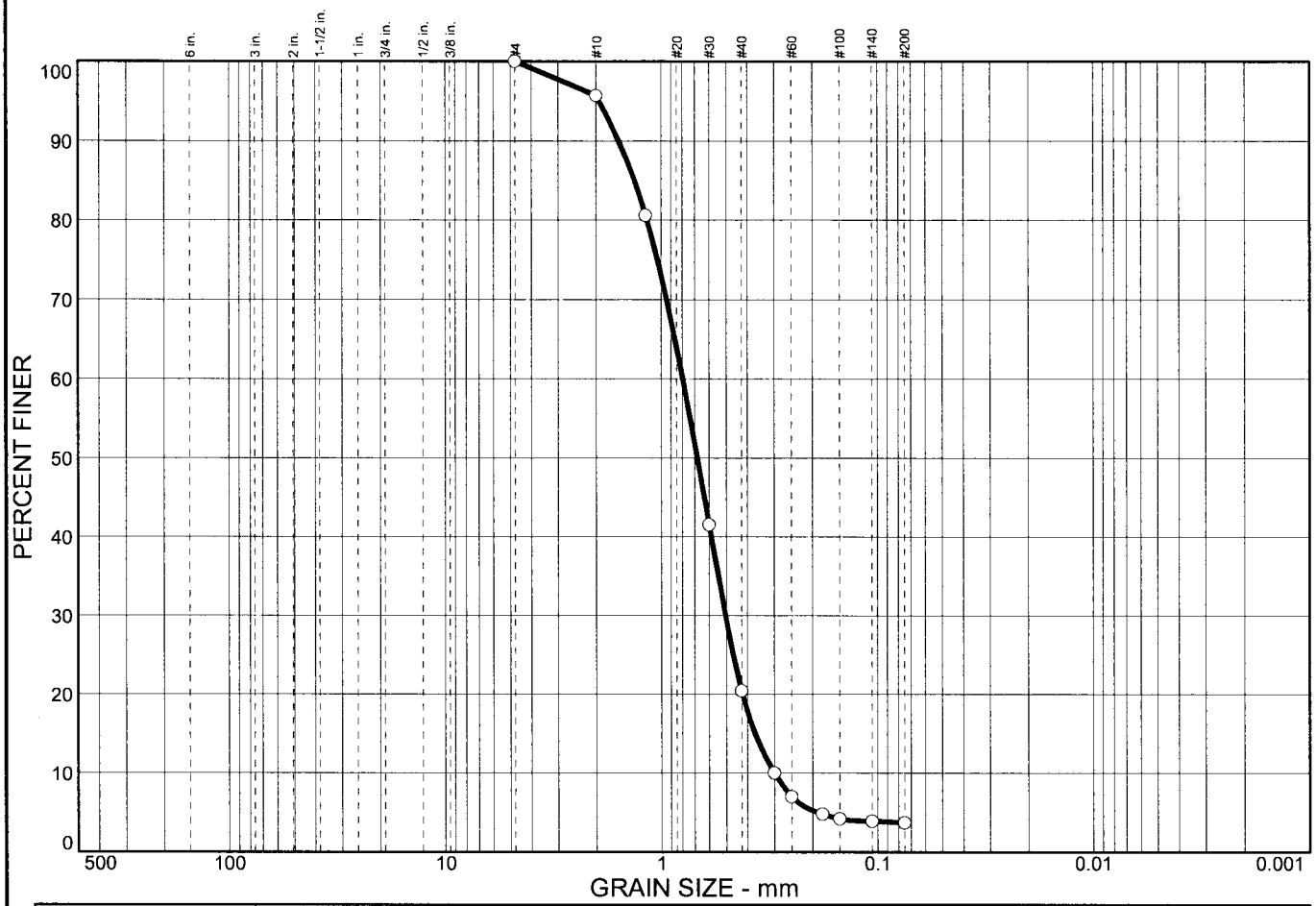
OV-1
Sample A

Sample No.: A **Source of Sample:** **Date:** 4/28/04
Location: OV-1 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 1A

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	96.3	3.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	95.7		
#16	80.6		
#30	41.5		
#40	20.4		
#50	10.0		
#60	7.0		
#80	4.8		
#100	4.2		
#140	3.9		
#200	3.7		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 1.33 D_{60}= 0.797 D_{50}= 0.681
D_{30}= 0.505 D_{15}= 0.369 D_{10}= 0.300
C_u= 2.66 C_c= 1.07

Classification

USCS= SP AASHTO= A-1-b

Remarks

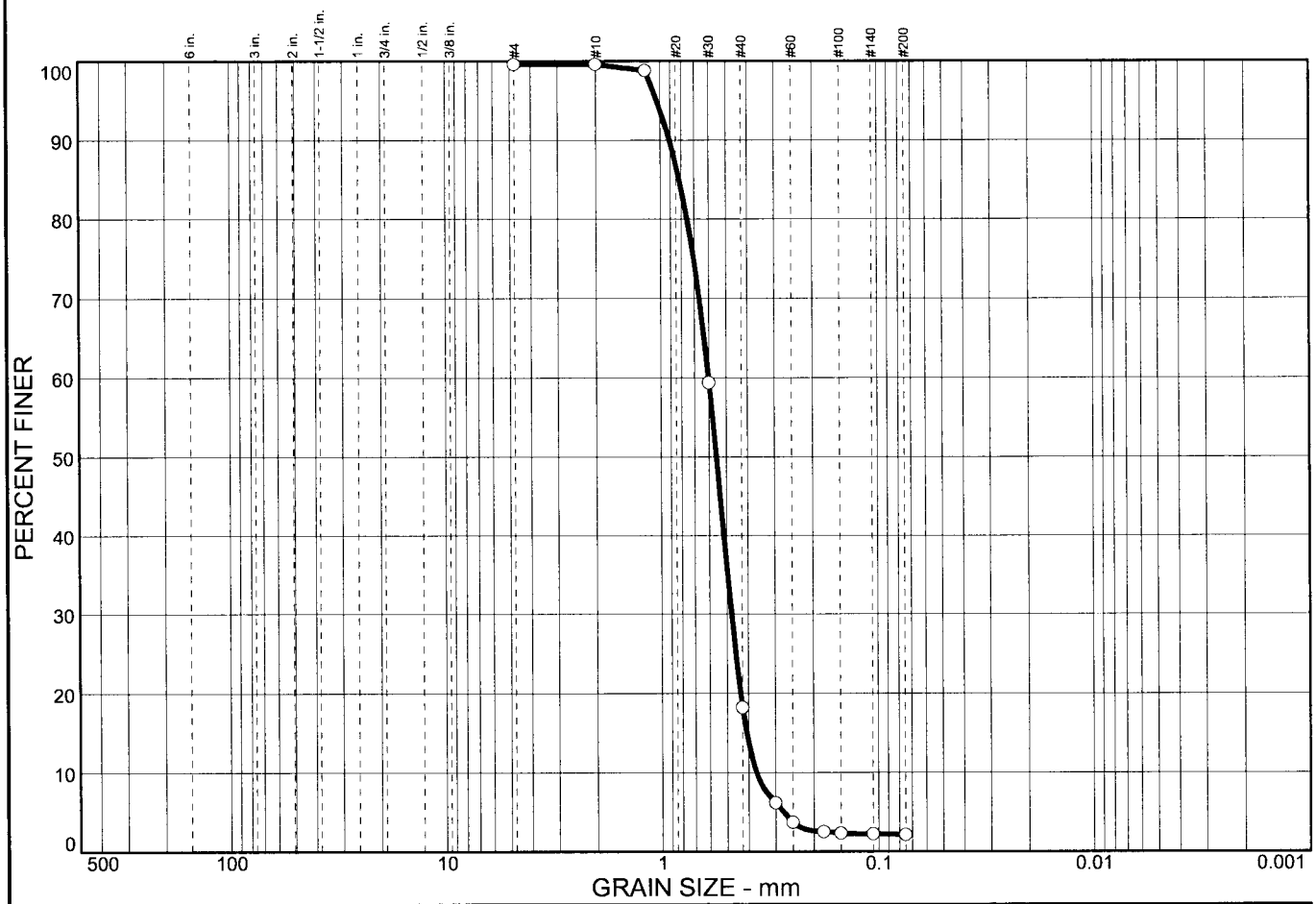
OV-1
Sample B

Sample No.: B **Source of Sample:** **Date:** 4/28/04
Location: OV-1 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 1B

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
		97.5	2.1	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	99.6		
#10	99.6		
#16	98.8		
#30	59.4		
#40	18.2		
#50	6.2		
#60	3.7		
#80	2.5		
#100	2.3		
#140	2.2		
#200	2.1		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.820 D_{60}= 0.603 D_{50}= 0.556
D_{30}= 0.476 D_{15}= 0.407 D_{10}= 0.367
C_u= 1.64 C_c= 1.02

Classification

USCS= SP AASHTO= A-1-b

Remarks

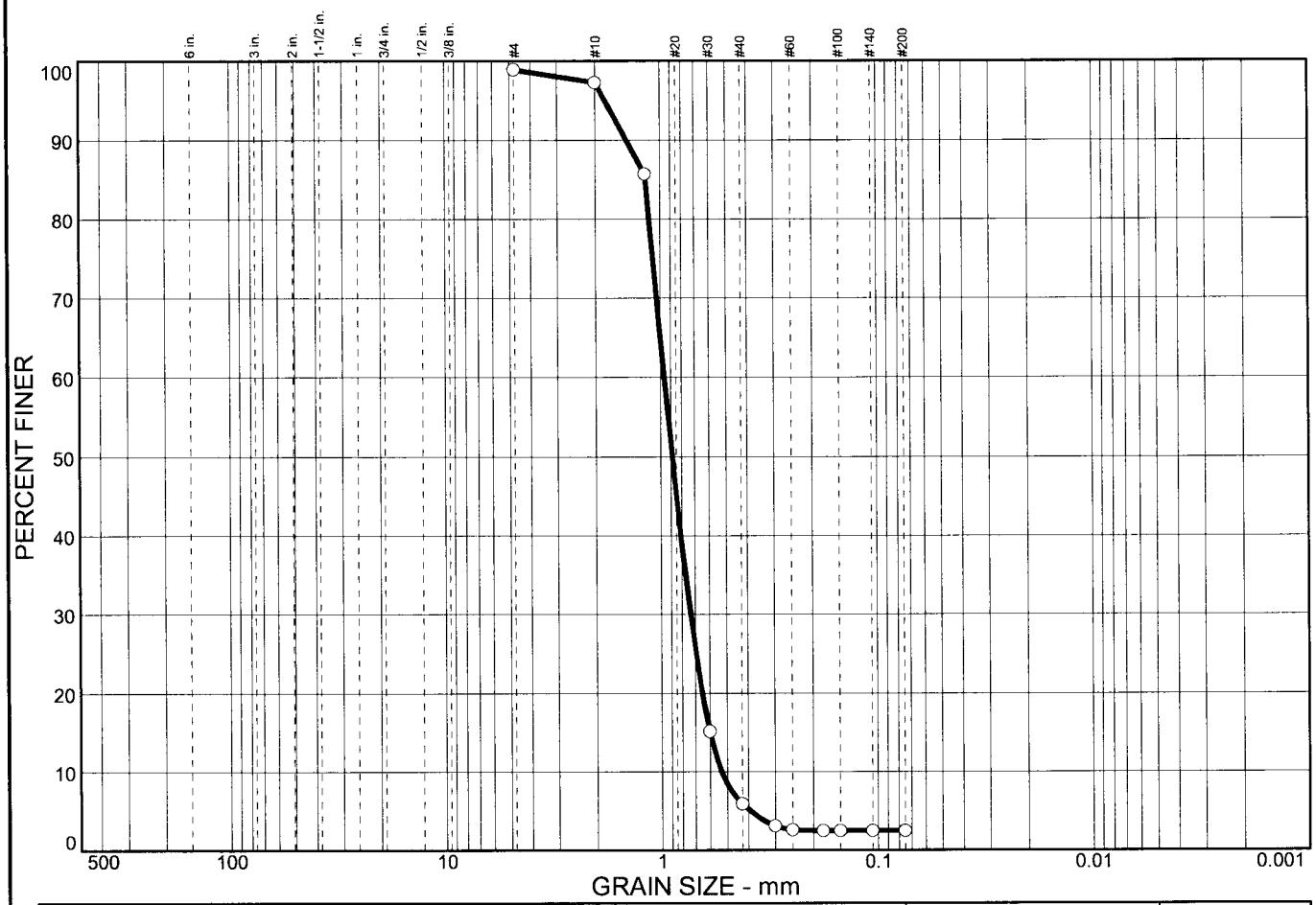
OV-1
Sample C

Sample No.: C **Source of Sample:** **Date:** 4/28/04
Location: OV-1 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 1C

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
		96.4	2.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	98.9		
#10	97.3		
#16	85.7		
#30	15.1		
#40	5.9		
#50	3.1		
#60	2.6		
#80	2.5		
#100	2.5		
#140	2.5		
#200	2.5		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 1.17 D_{60}= 0.965 D_{50}= 0.887
D_{30}= 0.734 D_{15}= 0.599 D_{10}= 0.530
C_u= 1.82 C_c= 1.05

Classification

USCS= SP AASHTO= A-1-b

Remarks

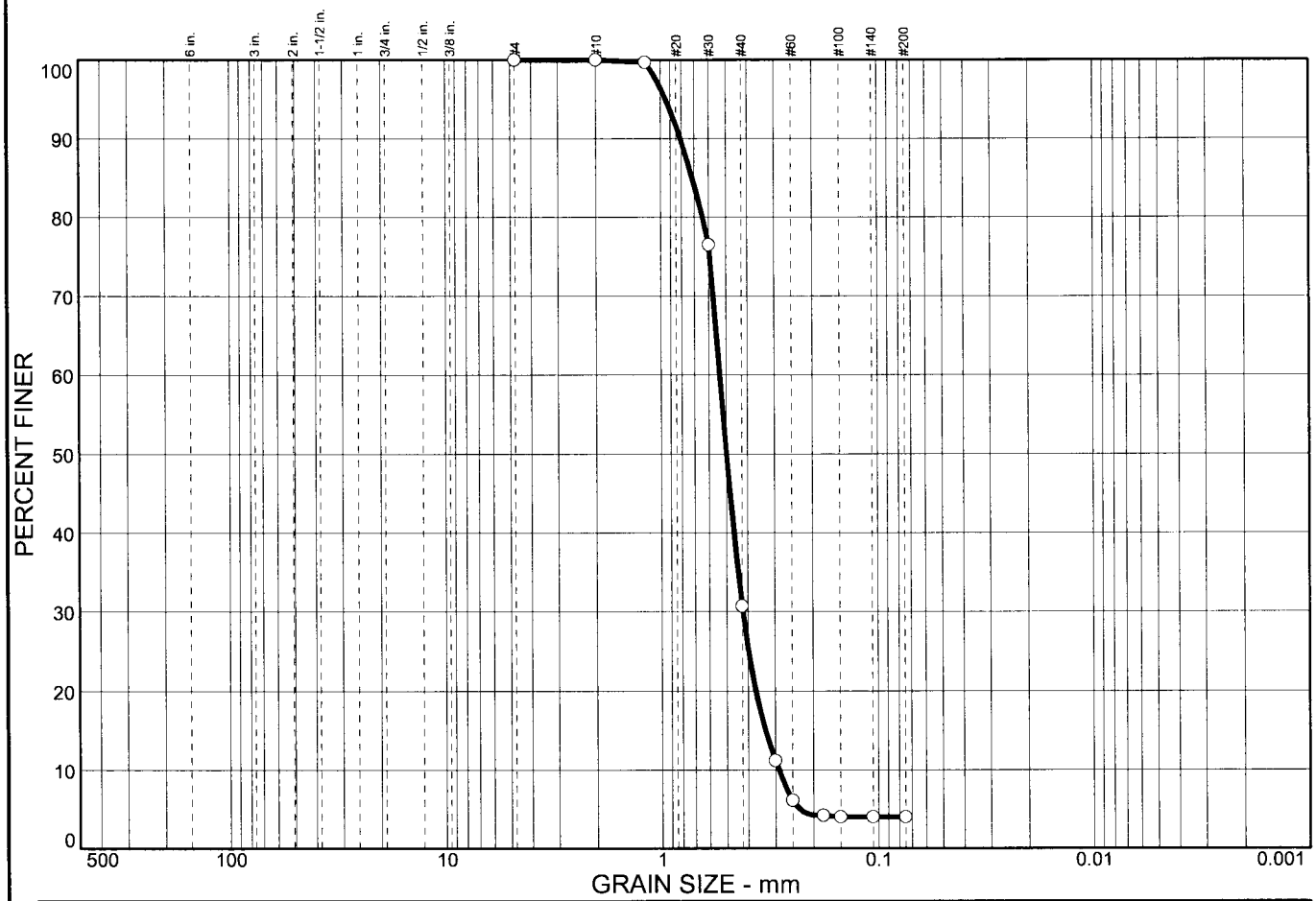
OV-1
Sample D

Sample No.: D **Source of Sample:** **Date:** 4/28/04
Location: OV-1 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 1D

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	96.0	4.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	100.0		
#16	99.7		
#30	76.5		
#40	30.7		
#50	11.2		
#60	6.1		
#80	4.2		
#100	4.0		
#140	4.0		
#200	4.0		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.715 D_{60}= 0.536 D_{50}= 0.500
D_{30}= 0.422 D_{15}= 0.333 D_{10}= 0.289
C_u= 1.85 C_c= 1.15

Classification

USCS= SP AASHTO= A-1-b

Remarks

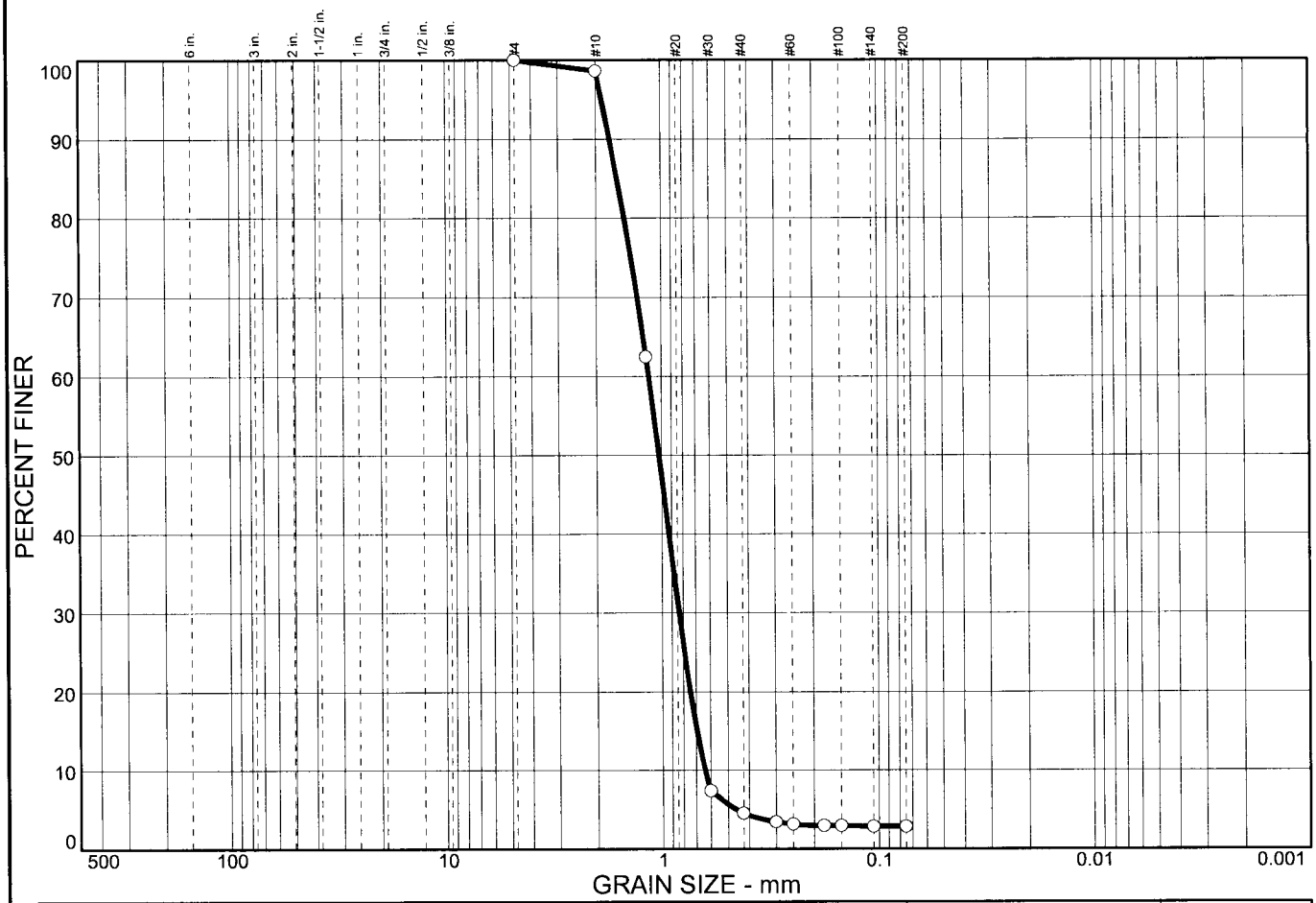
OV-2
Sample A

Sample No.: A **Source of Sample:** **Date:** 4/28/04
Location: OV-2 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 2A

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	97.2	2.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	98.6		
#16	62.5		
#30	7.4		
#40	4.5		
#50	3.4		
#60	3.1		
#80	2.9		
#100	2.9		
#140	2.8		
#200	2.8		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 1.60 D_{60}= 1.15 D_{50}= 1.03
D_{30}= 0.836 D_{15}= 0.694 D_{10}= 0.638
C_u= 1.80 C_c= 0.96

Classification

USCS= SP AASHTO= A-1-b

Remarks

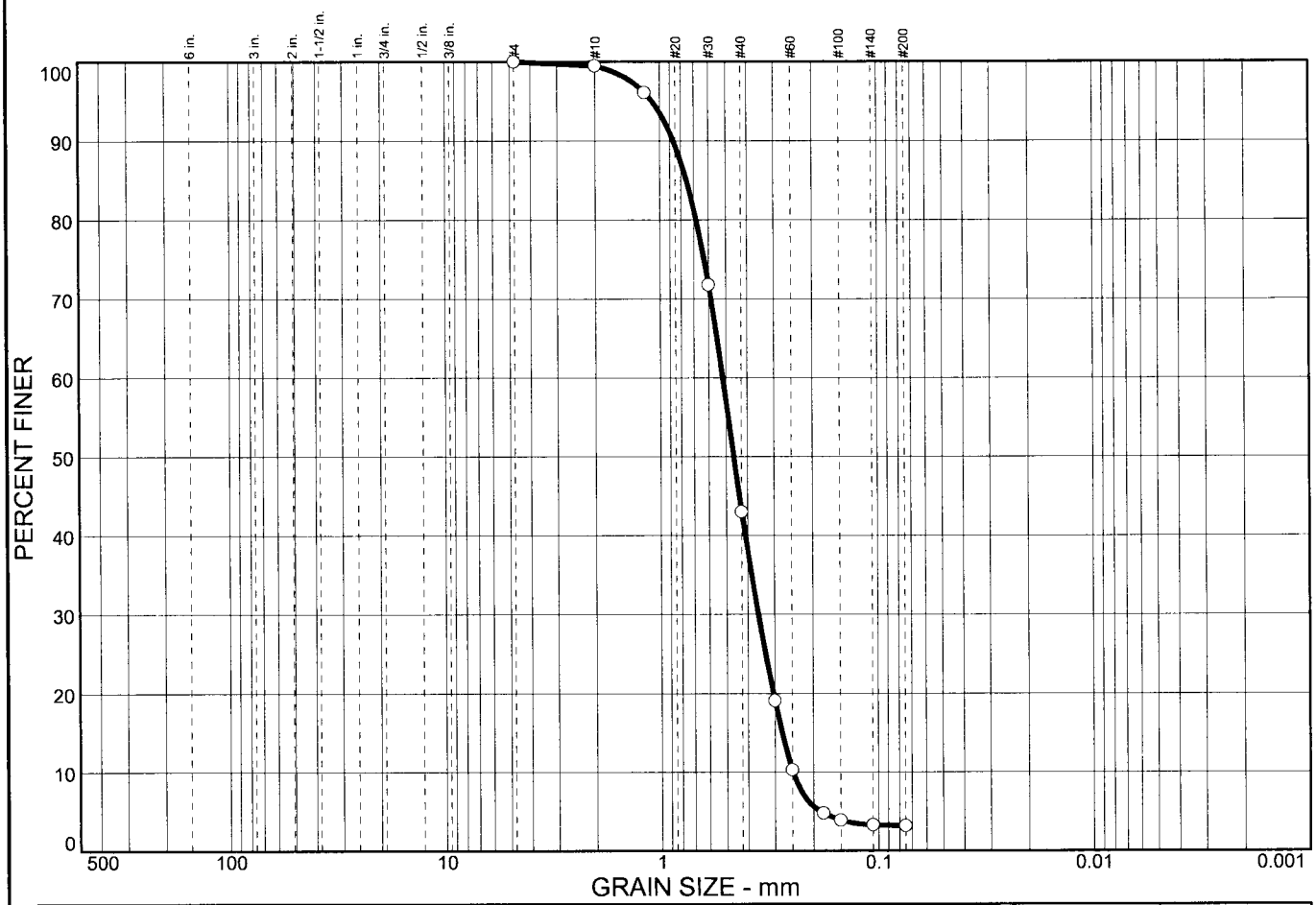
OV-2
Sample B

Sample No.: B **Source of Sample:** **Date:** 4/28/04
Location: OV-2 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 2B

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	96.8	3.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	99.5		
#16	96.1		
#30	71.8		
#40	43.0		
#50	19.1		
#60	10.3		
#80	4.8		
#100	3.9		
#140	3.3		
#200	3.2		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.757 D_{60}= 0.518 D_{50}= 0.462
D_{30}= 0.357 D_{15}= 0.278 D_{10}= 0.248
C_u= 2.09 C_c= 0.99

Classification

USCS= SP AASHTO= A-1-b

Remarks

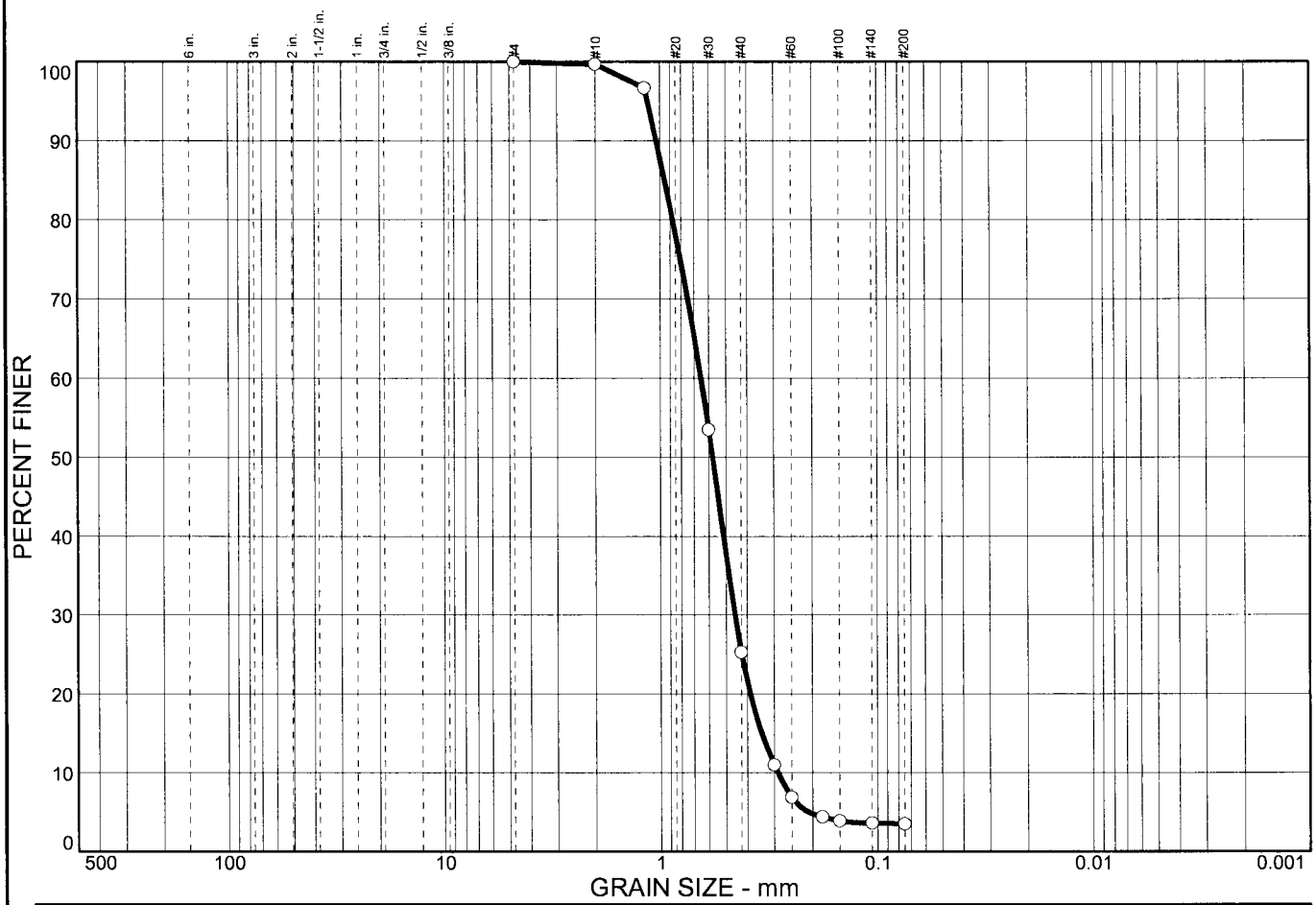
OV-2
Sample C

Sample No.: C **Source of Sample:** **Date:** 4/28/04
Location: OV-2 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 2C

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	96.5	3.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	99.7		
#16	96.7		
#30	53.5		
#40	25.3		
#50	11.0		
#60	6.9		
#80	4.4		
#100	3.9		
#140	3.6		
#200	3.5		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.955 D_{60}= 0.651 D_{50}= 0.576
D_{30}= 0.454 D_{15}= 0.343 D_{10}= 0.289
C_u= 2.25 C_c= 1.10

Classification

USCS= SP AASHTO= A-1-b

Remarks

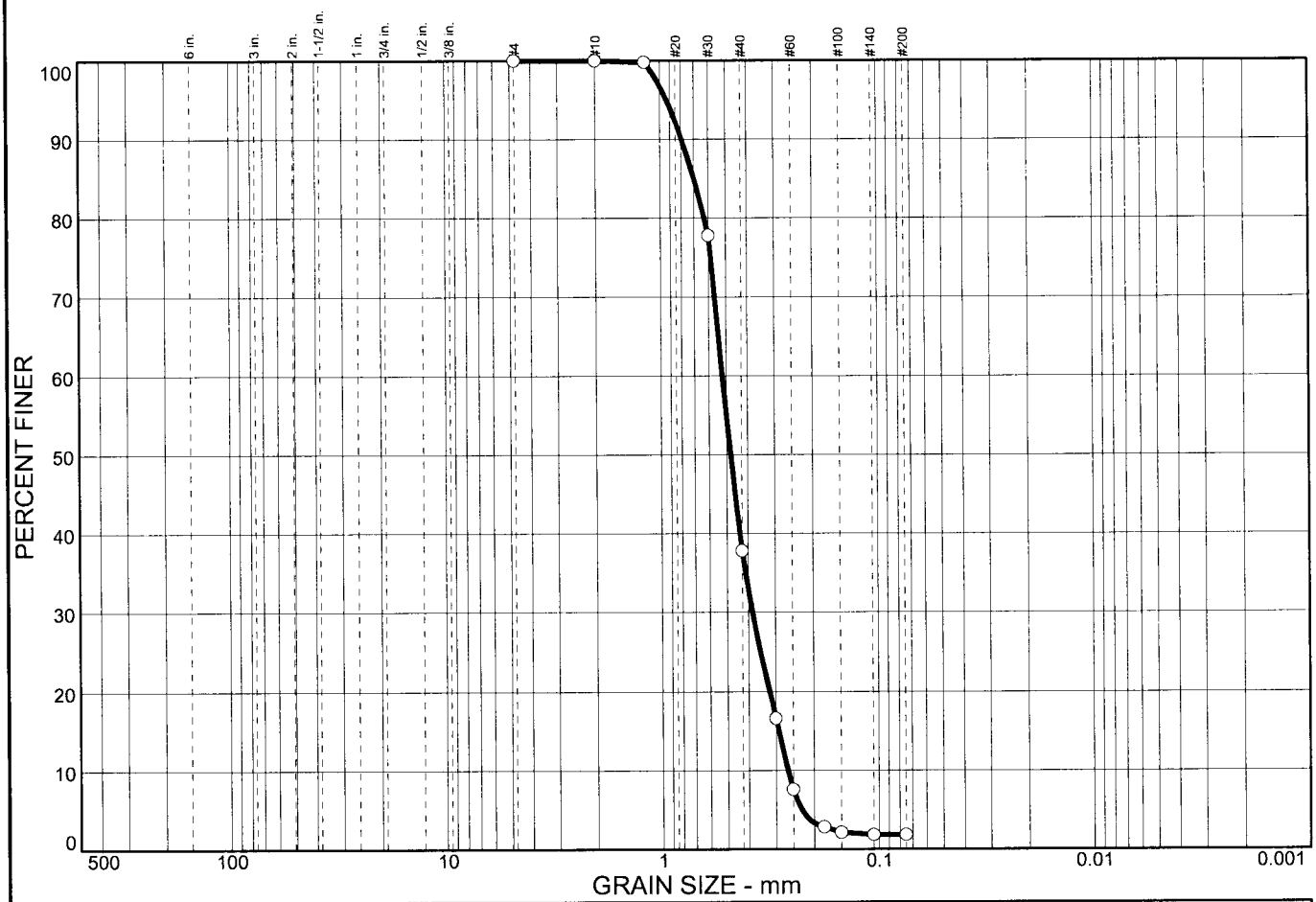
OV-2
Sample D

Sample No.: D **Source of Sample:** **Date:** 4/28/04
Location: OV-2 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 2D

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	98.2	1.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	100.0		
#16	99.8		
#30	77.8		
#40	37.8		
#50	16.6		
#60	7.6		
#80	2.8		
#100	2.1		
#140	1.8		
#200	1.8		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.701 D_{60}= 0.521 D_{50}= 0.479
D_{30}= 0.384 D_{15}= 0.291 D_{10}= 0.264
C_u= 1.97 C_c= 1.07

Classification

USCS= SP AASHTO= A-1-b

Remarks

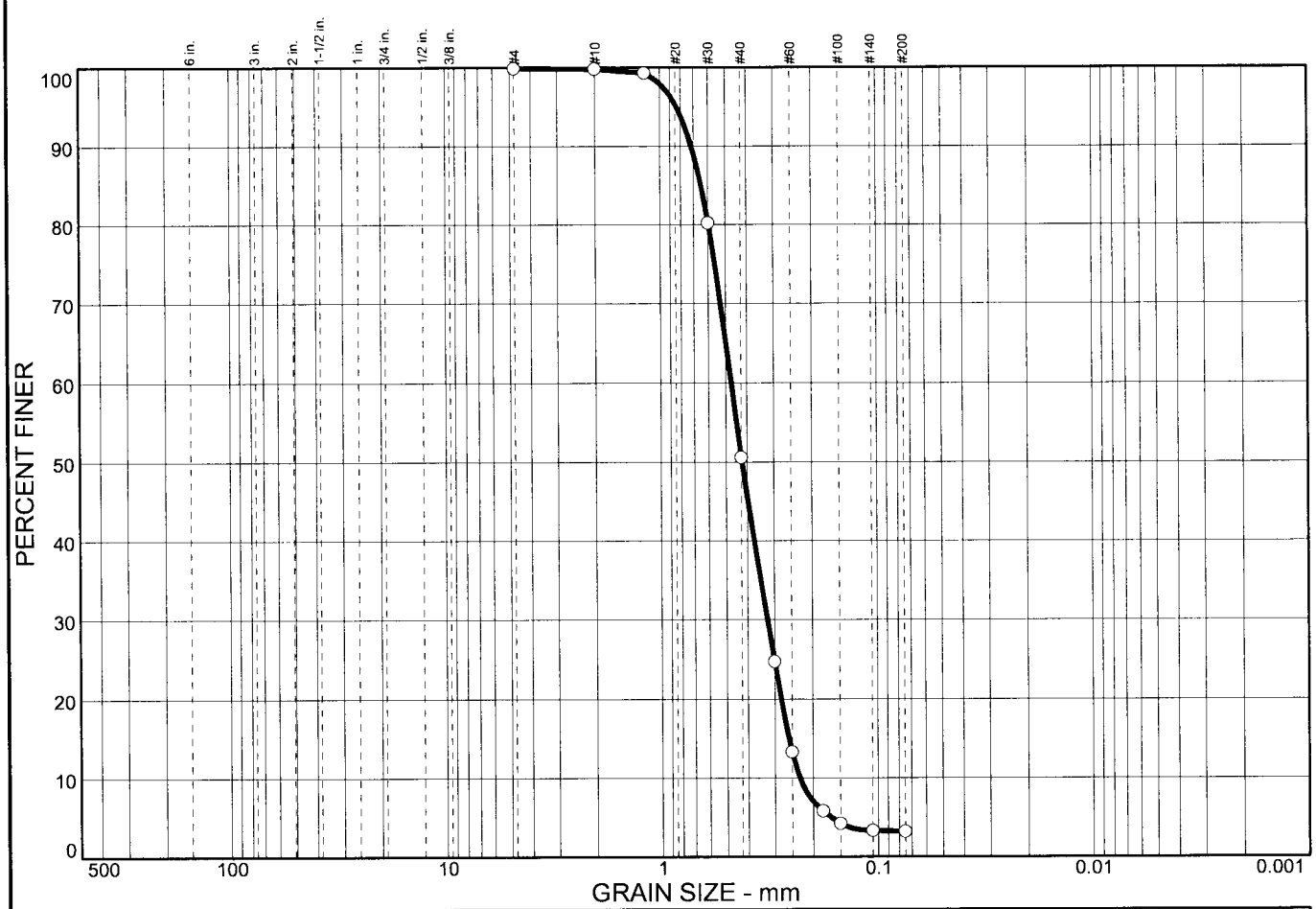
OV-3
Sample A

Sample No.: A **Source of Sample:** **Date:** 4/28/04
Location: OV-3 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 3A

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
		96.7	3.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	99.9		
#10	99.8		
#16	99.3		
#30	80.2		
#40	50.6		
#50	24.7		
#60	13.3		
#80	5.8		
#100	4.2		
#140	3.3		
#200	3.2		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.647 D_{60}= 0.472 D_{50}= 0.422
D_{30}= 0.324 D_{15}= 0.258 D_{10}= 0.230
C_u= 2.05 C_c= 0.97

Classification

USCS= SP AASHTO= A-3

Remarks

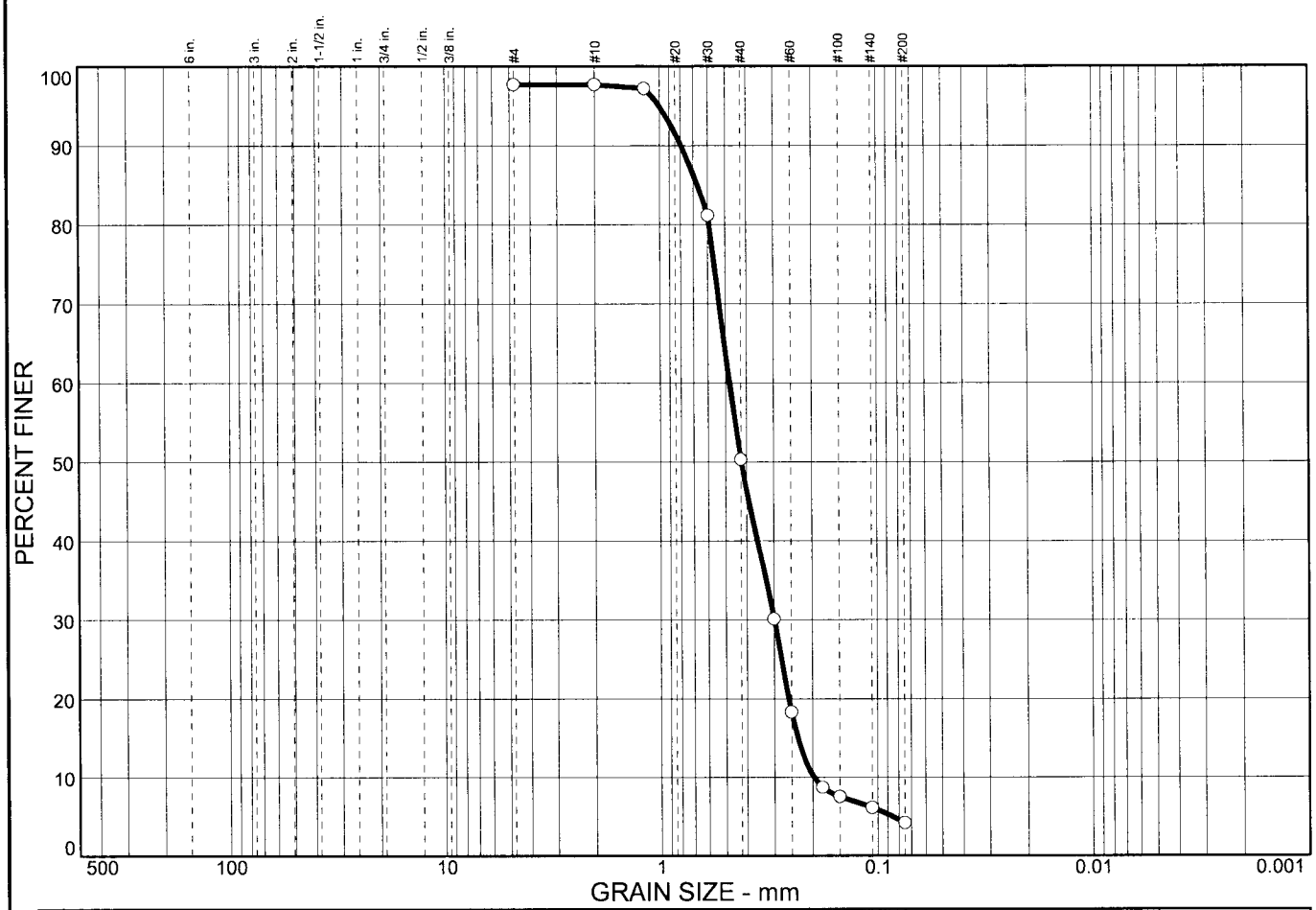
OV-3
Sample B

Sample No.: B **Source of Sample:** **Date:** 4/28/04
Location: OV-3 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 3B

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
		93.5	4.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	97.7		
#10	97.7		
#16	97.2		
#30	81.2		
#40	50.3		
#50	30.1		
#60	18.3		
#80	8.7		
#100	7.5		
#140	6.1		
#200	4.2		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.670 D_{60}= 0.479 D_{50}= 0.423
D_{30}= 0.300 D_{15}= 0.234 D_{10}= 0.197
C_u= 2.43 C_c= 0.95

Classification

USCS= SP AASHTO= A-1-b

Remarks

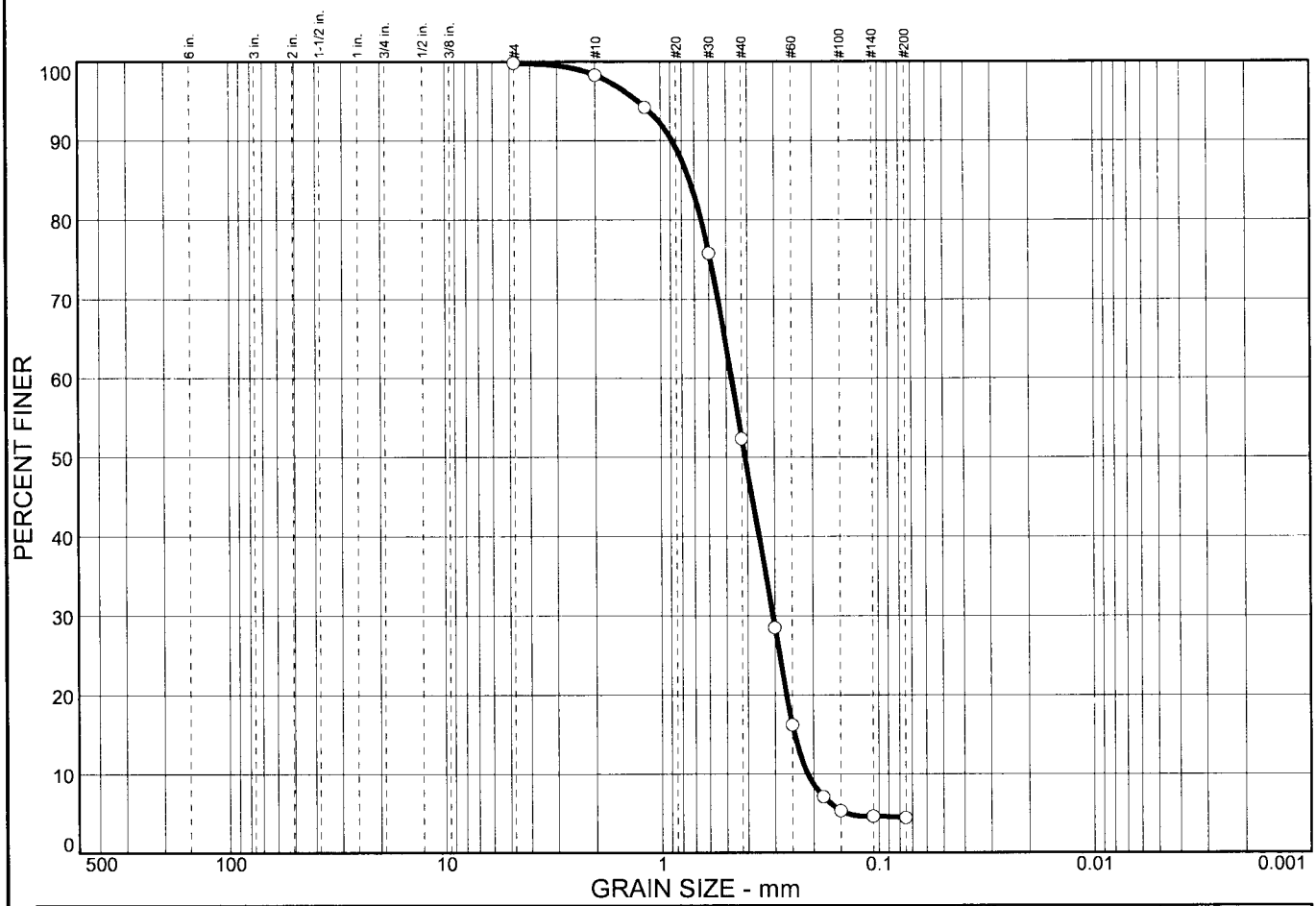
OV-3
Sample C

Sample No.: C **Source of Sample:** **Date:** 4/28/04
Location: OV-3 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 3C

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
		95.4	4.6	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	99.8		
#10	98.3		
#16	94.2		
#30	75.8		
#40	52.3		
#50	28.5		
#60	16.2		
#80	7.1		
#100	5.3		
#140	4.6		
#200	4.4		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.737 D_{60}= 0.473 D_{50}= 0.411
D_{30}= 0.306 D_{15}= 0.244 D_{10}= 0.213
C_u= 2.22 C_c= 0.93

Classification

USCS= SP AASHTO= A-3

Remarks

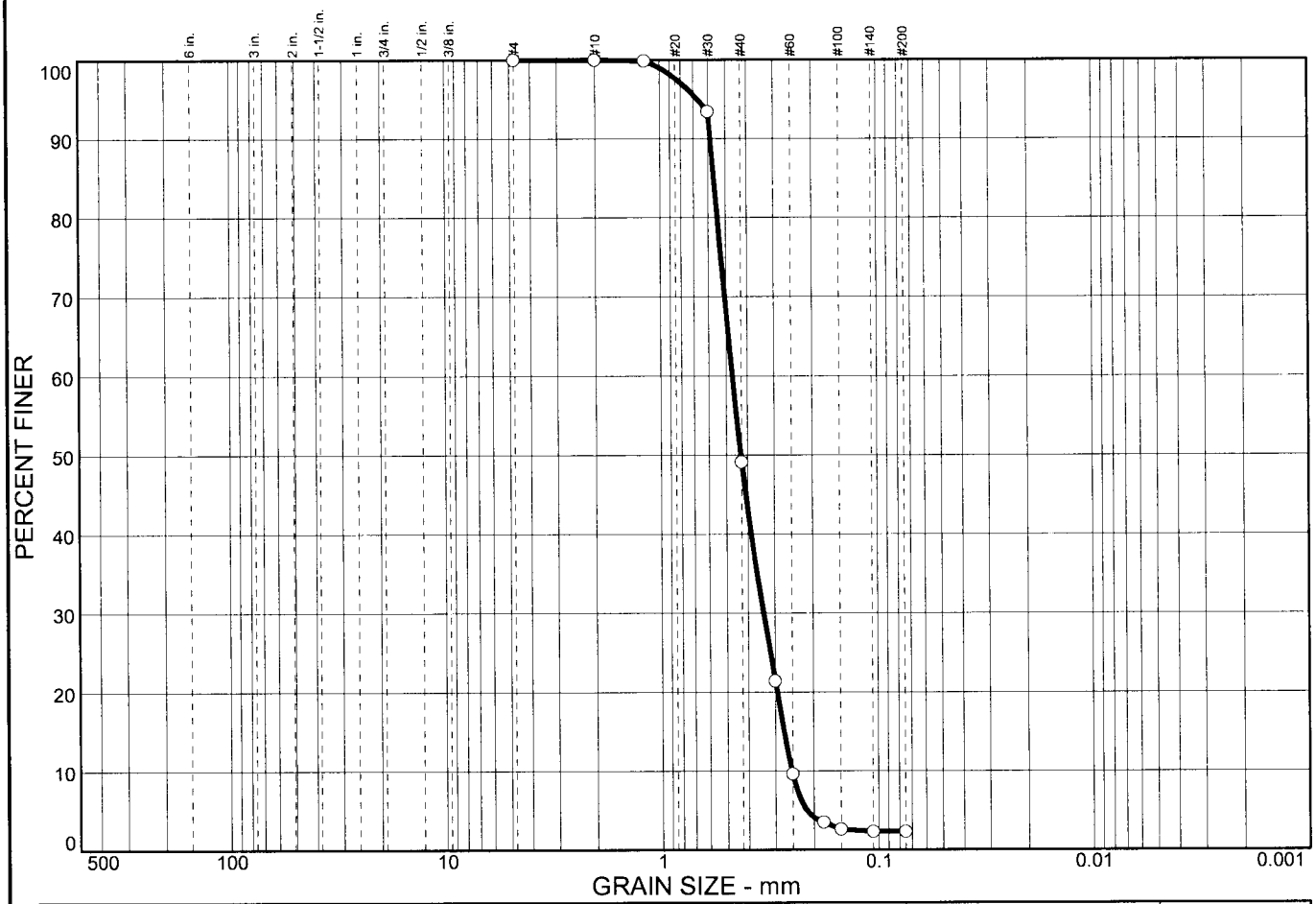
OV-4
Sample A

Sample No.: A **Source of Sample:** **Date:** 4/28/04
Location: OV-4 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 4A

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	97.7	2.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	100.0		
#16	99.9		
#30	93.4		
#40	49.1		
#50	21.4		
#60	9.6		
#80	3.5		
#100	2.6		
#140	2.3		
#200	2.3		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.565 D_{60}= 0.468 D_{50}= 0.429
D_{30}= 0.339 D_{15}= 0.274 D_{10}= 0.252
C_u= 1.86 C_c= 0.97

Classification

USCS= SP AASHTO= A-1-b

Remarks

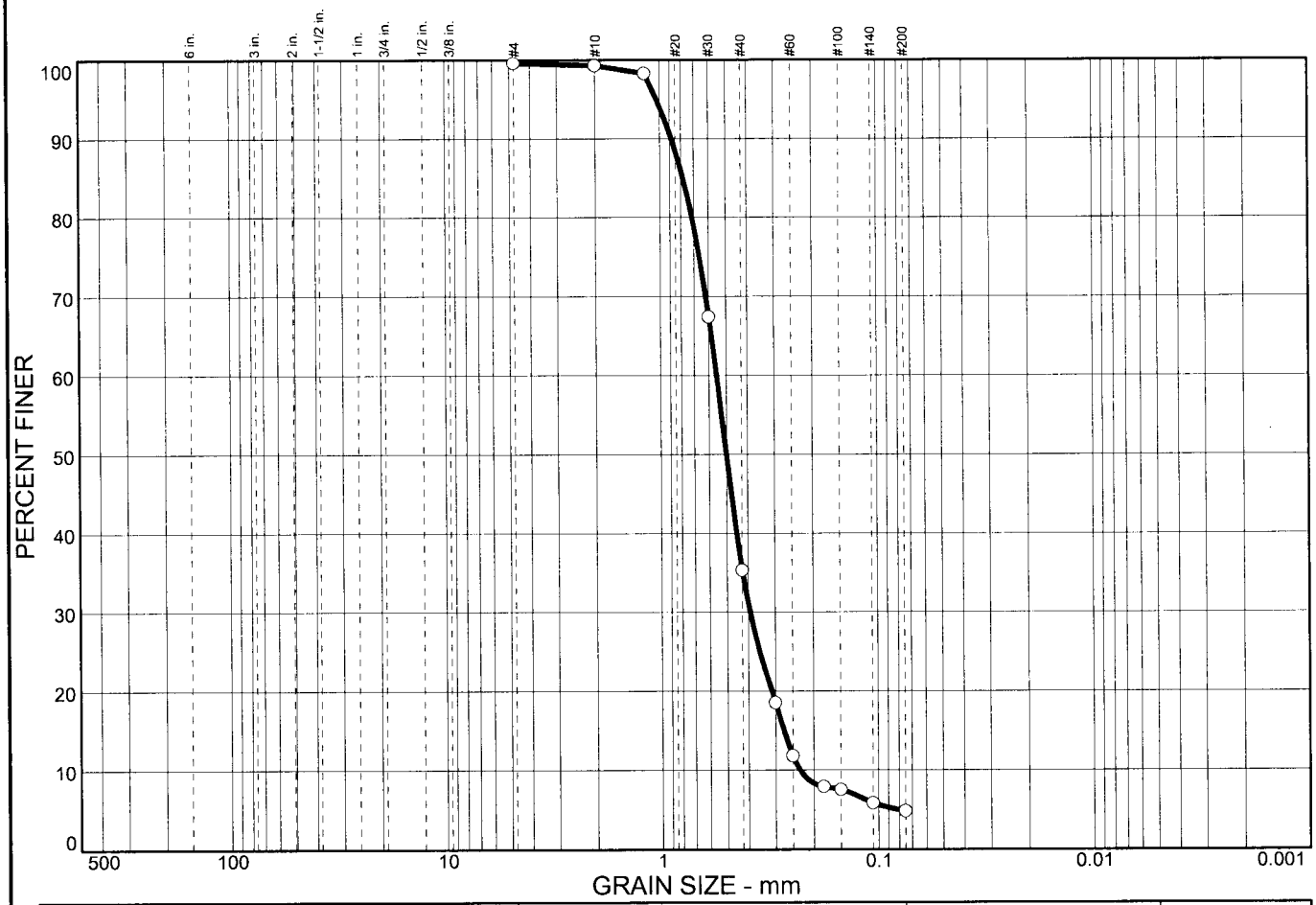
OV-4
Sample B

Sample No.: B **Source of Sample:** **Date:** 4/28/04
Location: OV-4 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 4B

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
		94.8	4.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	99.6		
#10	99.3		
#16	98.3		
#30	67.4		
#40	35.3		
#50	18.5		
#60	11.8		
#80	7.9		
#100	7.5		
#140	5.8		
#200	4.8		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.785 D_{60}= 0.554 D_{50}= 0.501
D_{30}= 0.392 D_{15}= 0.274 D_{10}= 0.232
C_u= 2.39 C_c= 1.20

Classification

USCS= SP AASHTO= A-1-b

Remarks

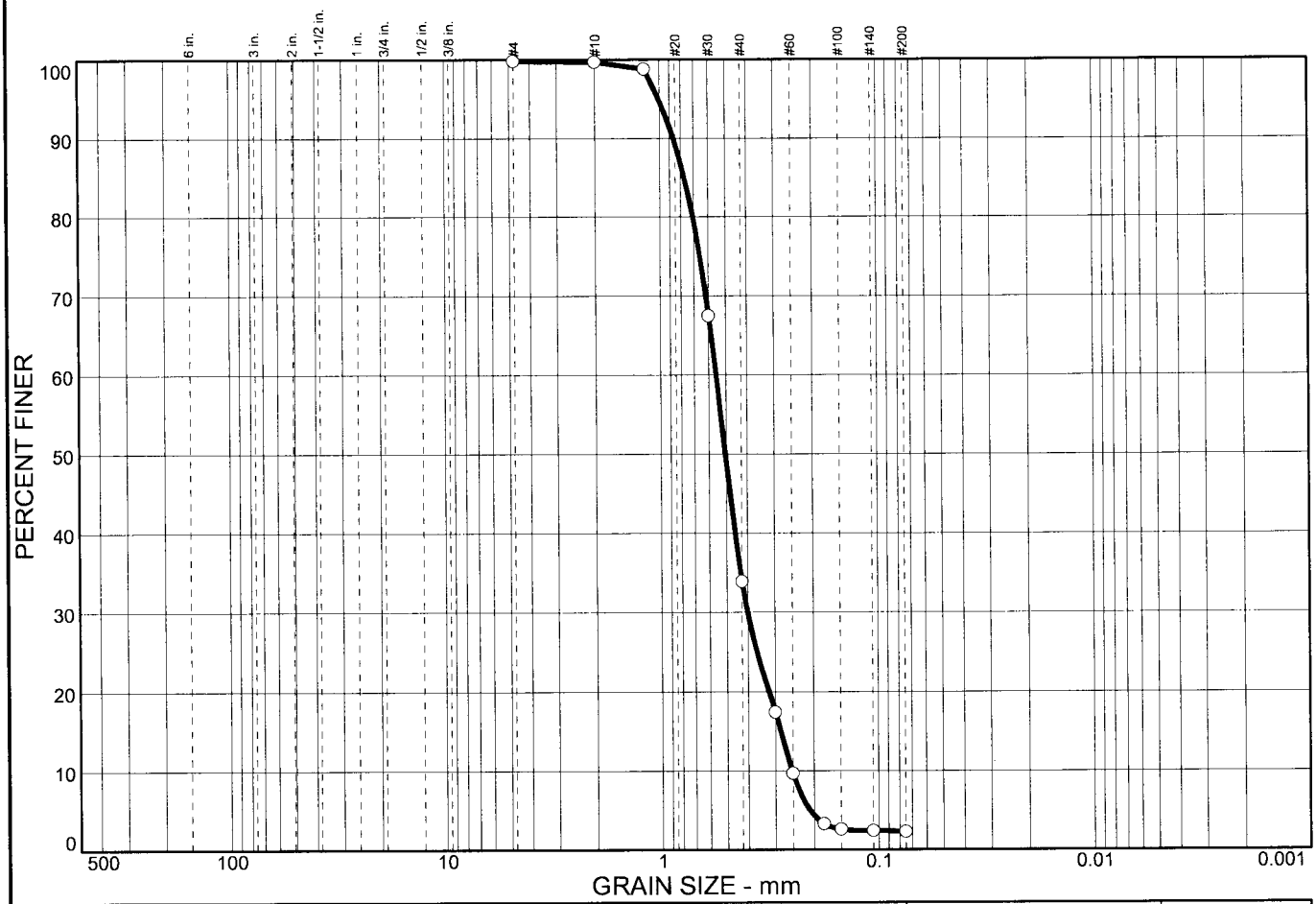
OV-4
Sample C

Sample No.: C **Source of Sample:** **Date:** 4/28/04
Location: OV-4 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 4C

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
		97.5	2.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	99.8		
#10	99.7		
#16	98.8		
#30	67.5		
#40	33.9		
#50	17.4		
#60	9.7		
#80	3.3		
#100	2.6		
#140	2.4		
#200	2.3		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.773 D_{60}= 0.556 D_{50}= 0.505
D_{30}= 0.401 D_{15}= 0.284 D_{10}= 0.252
C_u= 2.20 C_c= 1.15

Classification

USCS= SP AASHTO= A-1-b

Remarks

OV-5
Sample A

Sample No.: A **Source of Sample:** **Date:** 4/28/04
Location: OV-5 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 5A

Particle Size Distribution Report

% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	97.0	3.0	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	100.0		
#16	99.8		
#30	95.6		
#40	68.9		
#50	30.5		
#60	12.1		
#80	3.7		
#100	3.1		
#140	3.0		
#200	3.0		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.516 D_{60}= 0.389 D_{50}= 0.355
D_{30}= 0.299 D_{15}= 0.259 D_{10}= 0.242
C_u= 1.61 C_c= 0.95

Classification

USCS= SP AASHTO= A-3

Remarks

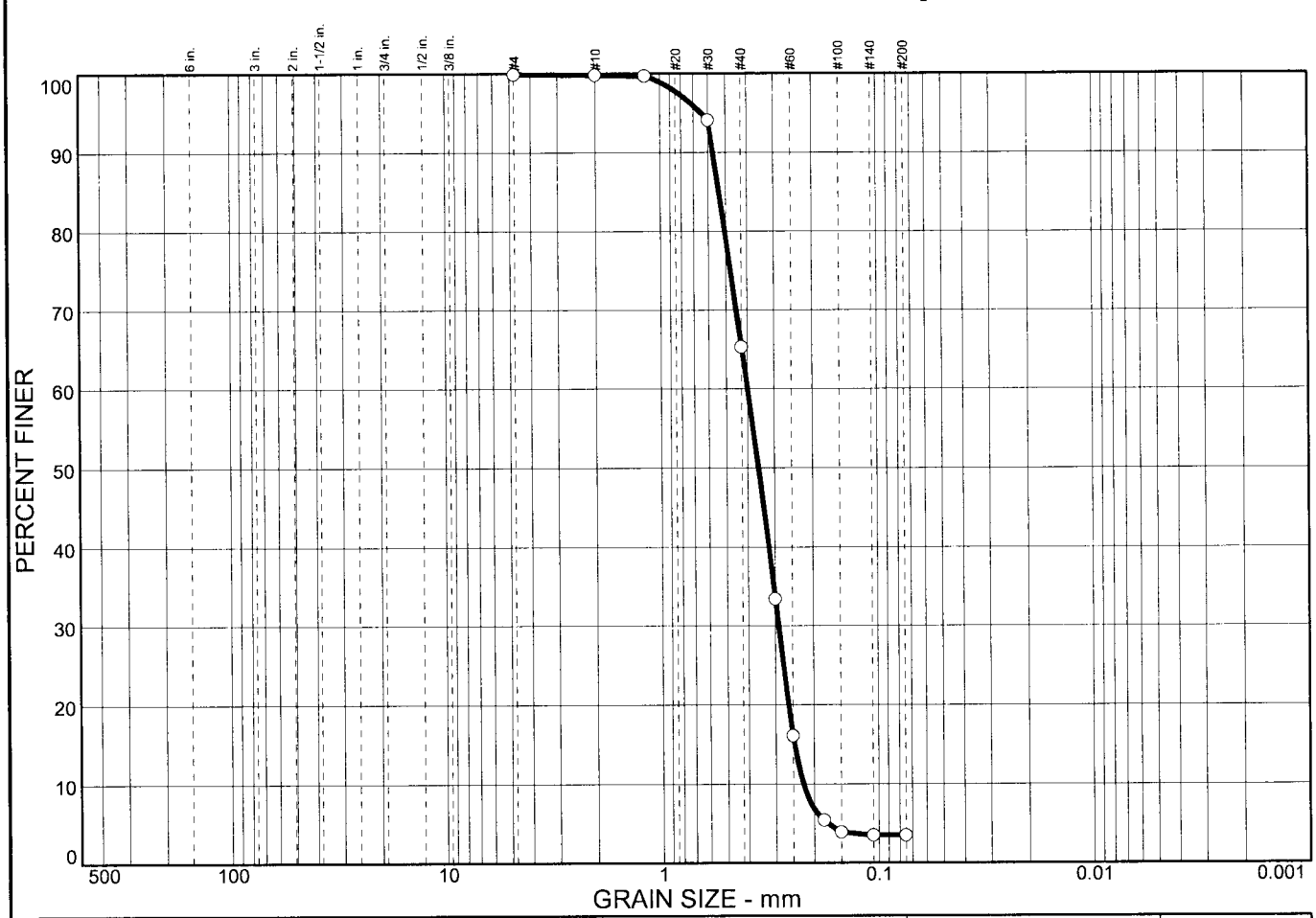
OV-5
Sample B

Sample No.: B **Source of Sample:** **Date:** 4/28/04
Location: OV-5 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 5B

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
		96.4	3.6	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	99.9		
#10	99.8		
#16	99.7		
#30	94.1		
#40	65.3		
#50	33.4		
#60	16.1		
#80	5.4		
#100	3.9		
#140	3.5		
#200	3.5		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.537 D_{60}= 0.400 D_{50}= 0.357
D_{30}= 0.290 D_{15}= 0.246 D_{10}= 0.224
C_u= 1.78 C_c= 0.94

Classification

USCS= SP AASHTO= A-3

Remarks

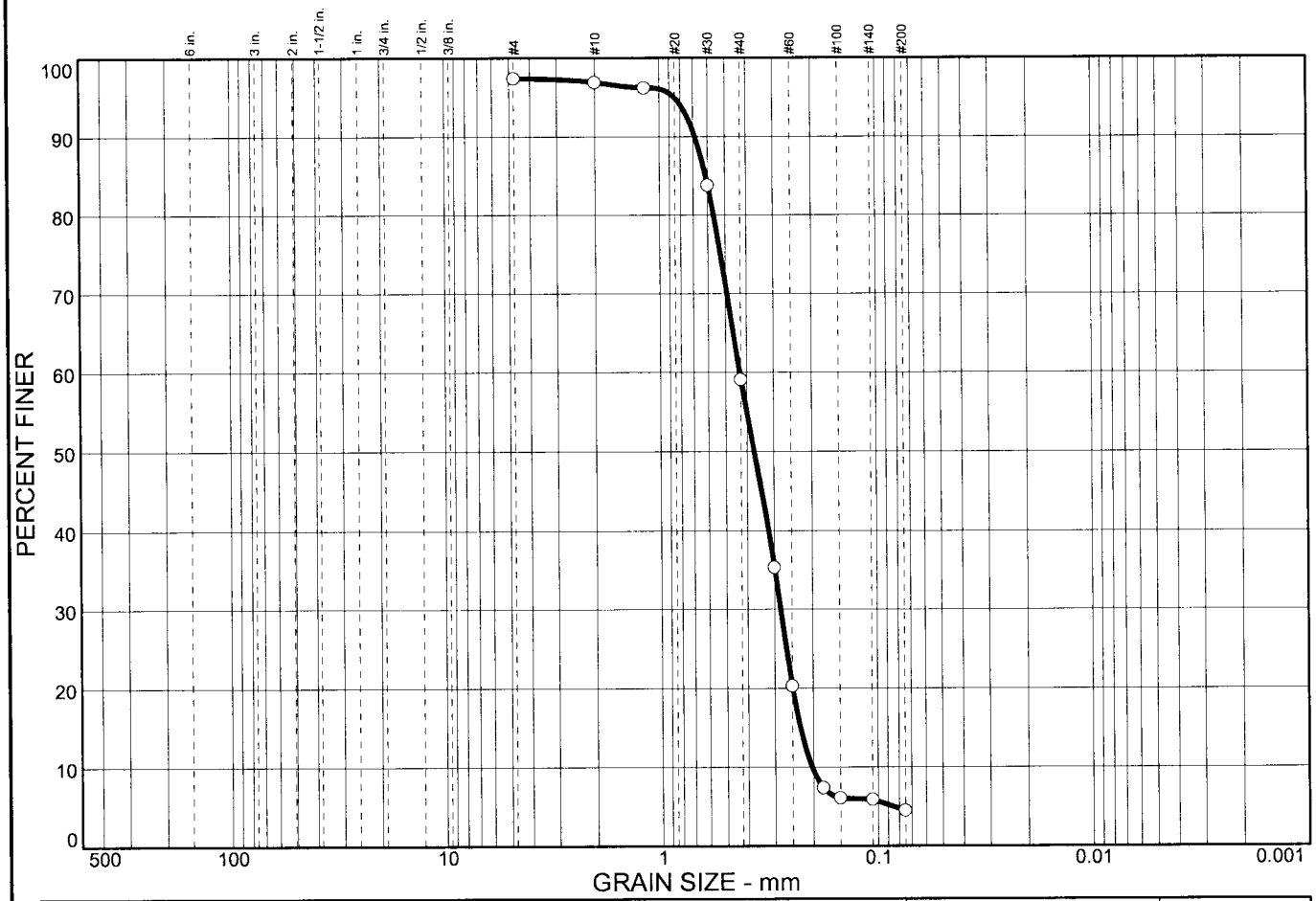
OV-5
Sample C

Sample No.: C **Source of Sample:** **Date:** 4/28/04
Location: OV-5 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 5C

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
		92.9	4.5	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	97.4		
#10	96.9		
#16	96.2		
#30	83.8		
#40	59.1		
#50	35.3		
#60	20.3		
#80	7.4		
#100	6.1		
#140	5.9		
#200	4.5		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.613 D_{60}= 0.430 D_{50}= 0.370
D_{30}= 0.282 D_{15}= 0.230 D_{10}= 0.203
C_u= 2.12 C_c= 0.91

Classification

USCS= SP AASHTO= A-3

Remarks

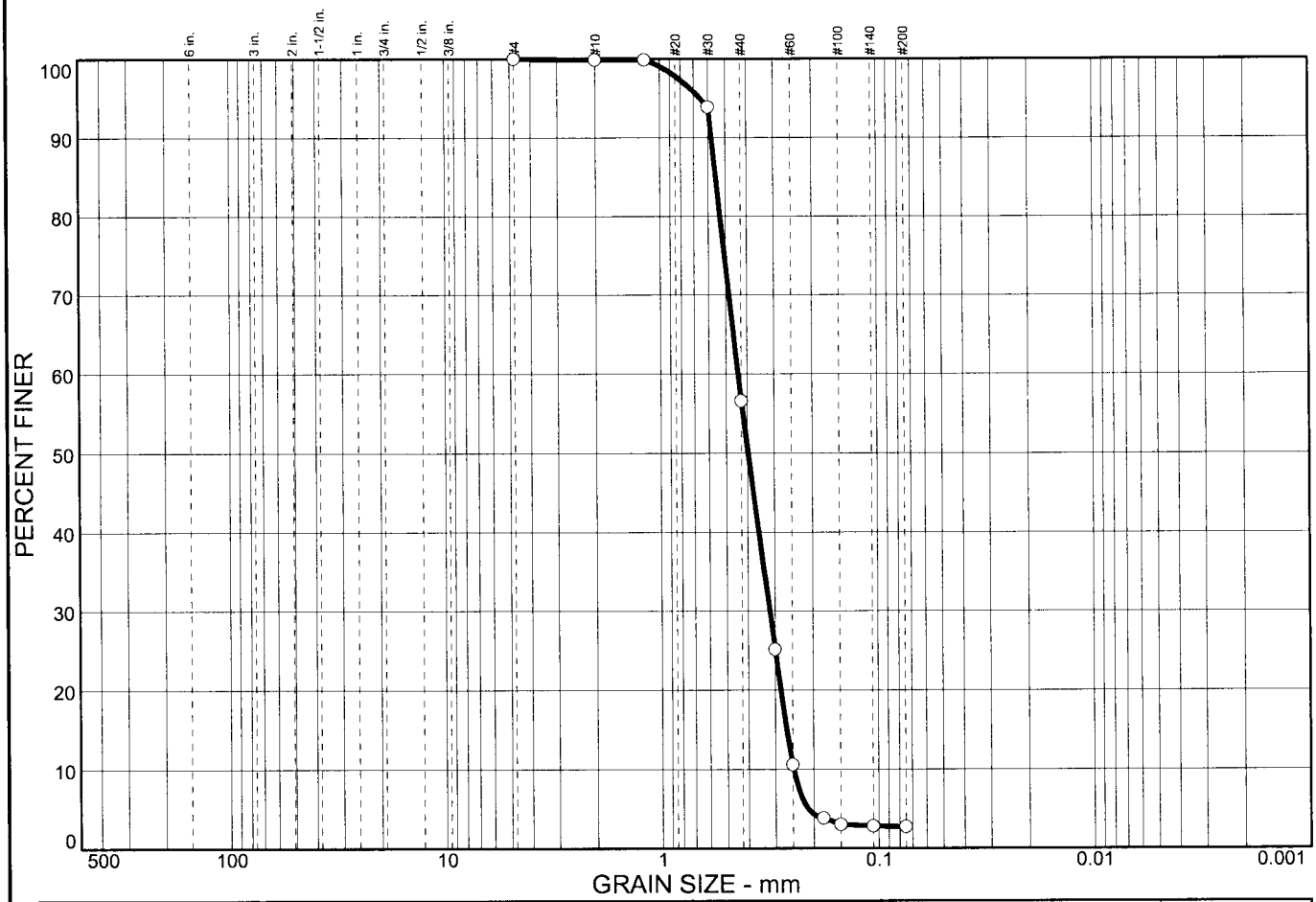
OV-5
Sample D

Sample No.: D **Source of Sample:** **Date:** 4/28/04
Location: OV-5 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 5D

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	97.3	2.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	99.9		
#16	99.9		
#30	93.9		
#40	56.6		
#50	25.1		
#60	10.6		
#80	3.8		
#100	3.0		
#140	2.8		
#200	2.7		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.554 D_{60}= 0.440 D_{50}= 0.397
D_{30}= 0.317 D_{15}= 0.267 D_{10}= 0.247
C_u= 1.78 C_c= 0.92

Classification

USCS= SP AASHTO= A-3

Remarks

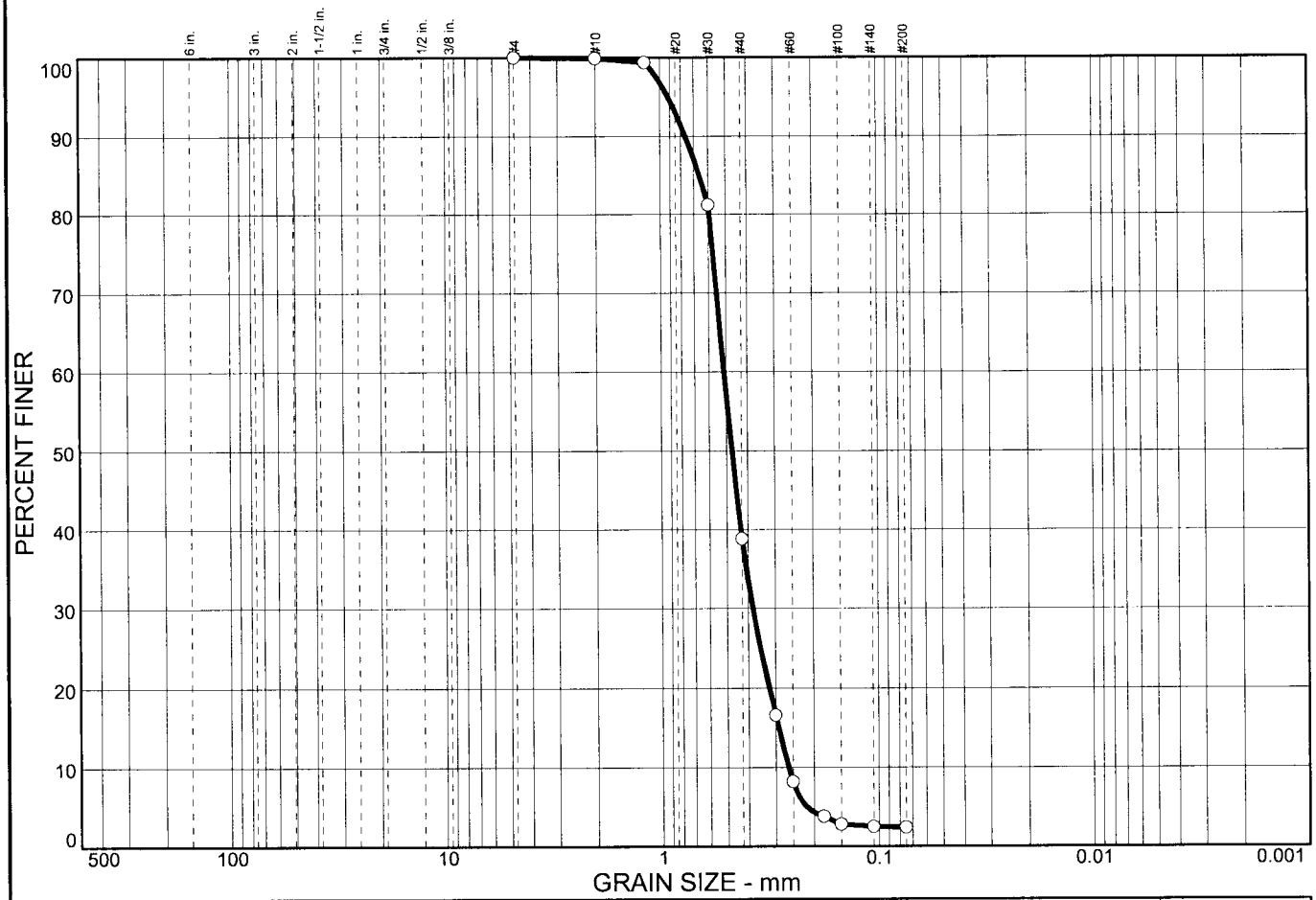
OV-6
Sample A

Sample No.: A **Source of Sample:** **Date:** 4/28/04
Location: OV-6 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 6A

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	97.6	2.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	99.9		
#16	99.4		
#30	81.2		
#40	38.8		
#50	16.6		
#60	8.2		
#80	3.8		
#100	2.8		
#140	2.5		
#200	2.4		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.661 D_{60}= 0.512 D_{50}= 0.472
D_{30}= 0.381 D_{15}= 0.291 D_{10}= 0.262
C_u= 1.95 C_c= 1.08

Classification

USCS= SP AASHTO= A-1-b

Remarks

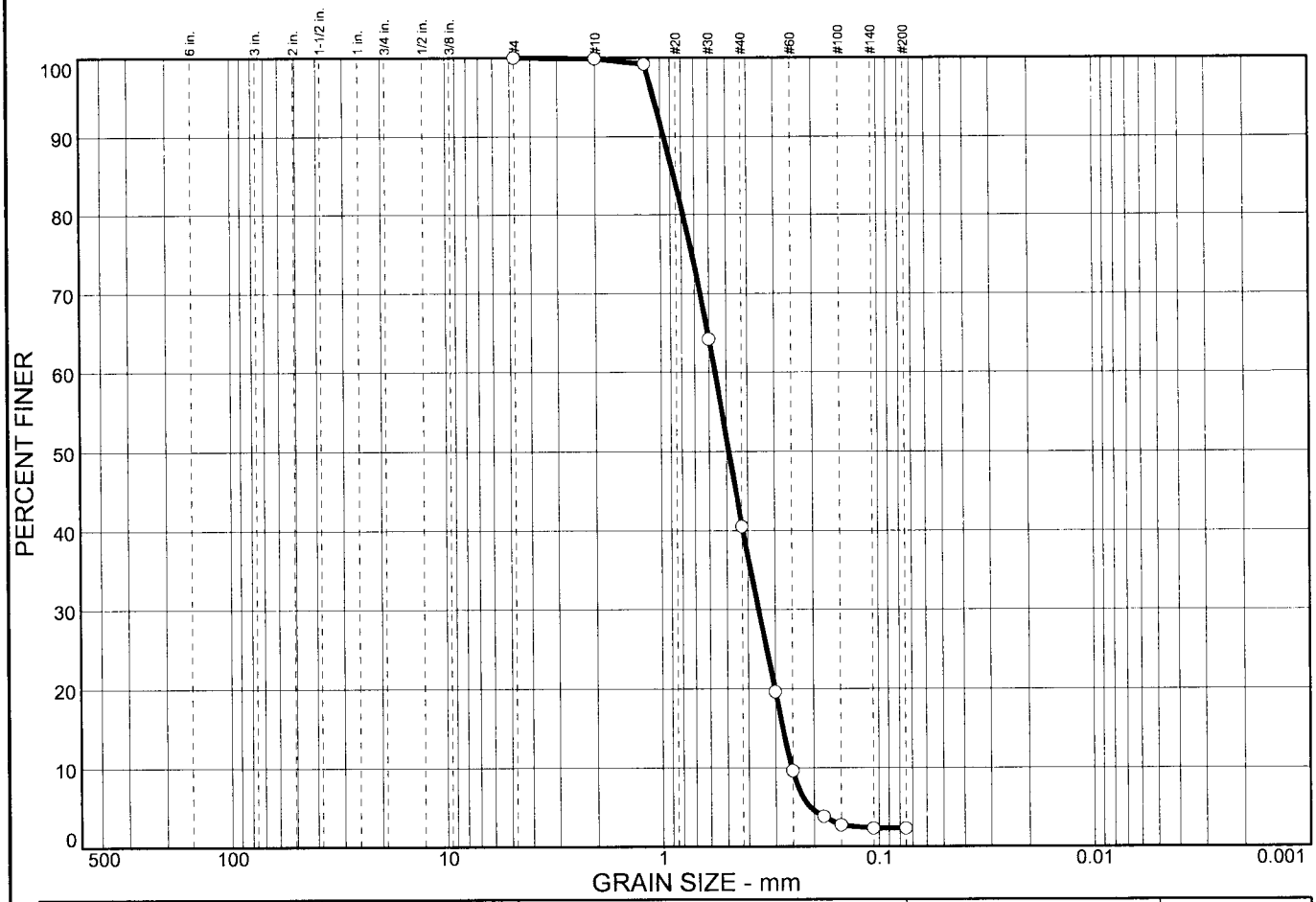
OV-6
Sample B

Sample No.: B **Source of Sample:** **Date:** 4/28/04
Location: OV-6 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 6B

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
0.0	0.0	97.7	2.3	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	100.0		
#10	99.9		
#16	99.2		
#30	64.2		
#40	40.5		
#50	19.6		
#60	9.6		
#80	3.8		
#100	2.7		
#140	2.3		
#200	2.3		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 0.869 D_{60}= 0.564 D_{50}= 0.488
D_{30}= 0.358 D_{15}= 0.278 D_{10}= 0.252
C_u= 2.23 C_c= 0.90

Classification

USCS= SP AASHTO= A-1-b

Remarks

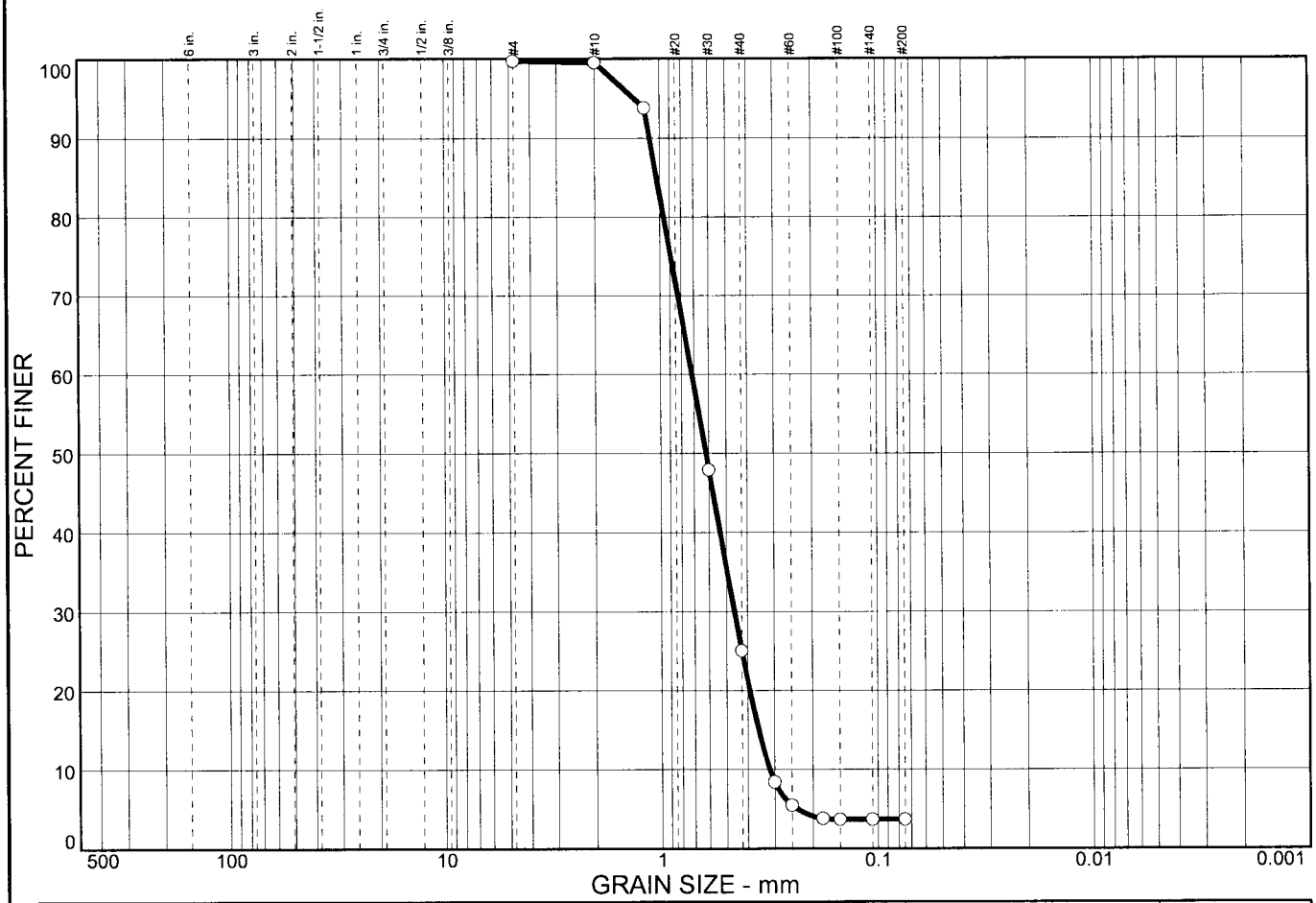
OV-6
Sample C

Sample No.: C **Source of Sample:** **Date:** 4/28/04
Location: OV-6 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 6C

Particle Size Distribution Report



% COBBLES	% GRAVEL	% SAND	% SILT	% CLAY
		96.0	3.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
#4	99.7		
#10	99.5		
#16	93.8		
#30	47.9		
#40	25.0		
#50	8.4		
#60	5.5		
#80	3.8		
#100	3.7		
#140	3.7		
#200	3.7		

* (no specification provided)

Soil Description

Tan, Poorly Graded SAND

Atterberg Limits

PL= NP LL= NP PI= NP

Coefficients

D_{85}= 1.04 D_{60}= 0.716 D_{50}= 0.619
D_{30}= 0.460 D_{15}= 0.356 D_{10}= 0.316
C_u= 2.27 C_c= 0.93

Classification

USCS= SP AASHTO= A-1-b

Remarks

OV-6
Sample D

Sample No.: D **Source of Sample:** **Date:** 4/28/04
Location: OV-6 **Elev./Depth:** NA

GET SOLUTIONS, INC.

Client: Waterway Surveys and Engineering, LTD
Project: Ocean View Sediment Analysis
Project No: VB04-131G **Figure** 6D