

# Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering  
2481 NW Boca Raton Blvd, Boca Raton  
FL 33431  
ph (561) 391-8102  
fax (561) 391-9116

Project Name: St. Lucie Vibracores

Sample Name: SLVC-06-37 #1

Analysis Date: 06-20-06

Analyzed By: DA

Easting (ft):

930,695

Northing (ft):

1,072,025

Coordinate System:

Florida State Plane East

Elevation (ft):

-44.0 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-4/2

Dry - 2.5Y-6/2

Washed - 2.5Y-6/2

Comments:

Dry Weight (g):

84.13

Wash Weight (g):

82.73

Pan Retained (g):

0.01

Sieve Loss (%):

0.07

Fines (%):

#200 - 1.77  
#230 - 1.76

Organics (%):

Carbonates (%):

Shell Hash (%):

4

Sieve Number

Sieve Size (Phi)

Sieve Size (Millimeters)

Grams Retained

% Weight Retained

Cum. Grams Retained

C. % Weight Retained

3/4"

-4.25

19.03

0.00

0.00

0.00

0.00

5/8"

-4.00

16.00

0.00

0.00

0.00

0.00

7/16"

-3.50

11.31

0.41

0.49

0.41

0.49

5/16"

-3.00

8.00

0.29

0.34

0.70

0.83

3.5

-2.50

5.66

0.27

0.32

0.97

1.15

4

-2.25

4.76

0.28

0.33

1.25

1.48

5

-2.00

4.00

0.58

0.69

1.83

2.17

7

-1.50

2.83

1.62

1.93

3.45

4.10

10

-1.00

2.00

2.20

2.62

5.65

6.72

14

-0.50

1.41

3.93

4.67

9.58

11.39

18

0.00

1.00

4.55

5.41

14.13

16.80

25

0.50

0.71

9.61

11.42

23.74

28.22

35

1.00

0.50

16.39

19.48

40.13

47.70

45

1.50

0.35

20.26

24.08

60.39

71.78

60

2.00

0.25

16.14

19.18

76.53

90.96

80

2.50

0.18

4.63

5.50

81.16

96.46

120

3.00

0.13

1.22

1.45

82.38

97.91

170

3.50

0.09

0.22

0.26

82.60

98.17

200

3.75

0.07

0.05

0.06

82.65

98.23

230

4.00

0.06

0.01

0.01

82.66

98.24

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.37

1.82

1.58

1.05

0.36

-0.07

-1.33

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.82

0.57

1.08

-1.2

5.16

GRANULARMETRIC REPORT ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06

# Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering  
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Project Name: St. Lucie Vibracores

Sample Name: SLVC-06-37 #2

Analysis Date: 06-20-06

Analyzed By: AU

Easting (ft):

930,695

Northing (ft):

1,072,025

Coordinate System:

Florida State Plane East

Elevation (ft):

-47.0 NAVD 88

USCS:

SP

Munsell:

Wet - 2.5Y-4/1  
Dry - 5Y-5/1  
Washed - 5Y-5/1

Comments:

Dry Weight (g):

107.69

Wash Weight (g):

105.84

Pan Retained (g):

0.10

Sieve Loss (%):

0.06

Fines (%):

#200 - 2.05  
#230 - 1.89

Organics (%):

Carbonates (%):

Shell Hash (%):

0

Sieve Number

Sieve Size (Phi)

Sieve Size (Millimeters)

Grams Retained

% Weight Retained

Cum. Grams Retained

C. % Weight Retained

3/4"

-4.25

19.03

0.00

0.00

0.00

0.00

5/8"

-4.00

16.00

0.00

0.00

0.00

0.00

7/16"

-3.50

11.31

0.00

0.00

0.00

0.00

5/16"

-3.00

8.00

0.00

0.00

0.00

0.00

3.5

-2.50

5.66

0.00

0.00

0.00

0.00

4

-2.25

4.76

0.08

0.07

0.08

0.07

5

-2.00

4.00

0.08

0.07

0.16

0.14

7

-1.50

2.83

0.16

0.15

0.32

0.29

10

-1.00

2.00

0.22

0.20

0.54

0.49

14

-0.50

1.41

0.68

0.63

1.22

1.12

18

0.00

1.00

1.49

1.38

2.71

2.50

25

0.50

0.71

4.00

3.71

6.71

6.21

35

1.00

0.50

9.22

8.56

15.93

14.77

45

1.50

0.35

18.62

17.29

34.55

32.06

60

2.00

0.25

37.85

35.15

72.40

67.21

80

2.50

0.18

25.03

23.24

97.43

90.45

120

3.00

0.13

6.40

5.94

103.83

96.39

170

3.50

0.09

1.27

1.18

105.10

97.57

200

3.75

0.07

0.41

0.38

105.51

97.95

230

4.00

0.06

0.17

0.16

105.68

98.11

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.88

2.36

2.17

1.76

1.30

1.04

0.34

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.66

0.32

0.73

-0.91

5.67

GRANULARMETRIC REPORT ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06

# Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering  
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FL 33431  
ph (561) 391-8102  
fax (561) 391-9116

Project Name: St. Lucie Vibracores

Sample Name: SLVC-06-37 #3

Analysis Date: 06-20-06

Analyzed By: AU

Easting (ft):

930,695

Northing (ft):

1,072,025

Coordinate System:

Florida State Plane East

Elevation (ft):

-51.0 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-4/1

Dry - 2.5Y-5/2

Washed - 2.5Y-6/2

Comments:

Dry Weight (g):

89.33

Wash Weight (g):

87.78

Pan Retained (g):

0.01

Sieve Loss (%):

0.10

Fines (%):

#200 - 1.87  
#230 - 1.85

Organics (%):

Carbonates (%):

Shell Hash (%):

4

Sieve Number

Sieve Size  
(Phi)

Sieve Size  
(Millimeters)

Grams  
Retained

% Weight  
Retained

Cum. Grams  
Retained

C. % Weight  
Retained

3/4"

-4.25

19.03

0.00

0.00

0.00

0.00

5/8"

-4.00

16.00

0.00

0.00

0.00

0.00

7/16"

-3.50

11.31

0.00

0.00

0.00

0.00

5/16"

-3.00

8.00

0.58

0.65

0.58

0.65

3.5

-2.50

5.66

0.83

0.93

1.41

1.58

4

-2.25

4.76

0.28

0.31

1.69

1.89

5

-2.00

4.00

0.40

0.45

2.09

2.34

7

-1.50

2.83

1.23

1.38

3.32

3.72

10

-1.00

2.00

2.88

3.22

6.20

6.94

14

-0.50

1.41

5.07

5.68

11.27

12.62

18

0.00

1.00

6.34

7.10

17.61

19.72

25

0.50

0.71

13.01

14.56

30.62

34.28

35

1.00

0.50

17.93

20.07

48.55

54.35

45

1.50

0.35

19.68

22.03

68.23

76.38

60

2.00

0.25

14.23

15.93

82.46

92.31

80

2.50

0.18

3.92

4.39

86.38

96.70

120

3.00

0.13

0.95

1.06

87.33

97.76

170

3.50

0.09

0.26

0.29

87.59

98.05

200

3.75

0.07

0.07

0.08

87.66

98.13

230

4.00

0.06

0.02

0.02

87.68

98.15

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.31

1.74

1.47

0.89

0.18

-0.26

-1.30

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.71


0.61


1.07

-0.95

4.44

GRANULARMETRIC REPORT ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06

<div>Granularmetric Report</div> <div>Depths and elevations based on measured values</div>				<div></div> <div>Coastal Planning &amp; Engineering</div> <div>2481 NW Boca Raton Blvd, Boca Raton</div> <div>FL 33431</div> <div>ph (561) 391-8102</div> <div>fax (561) 391-9116</div>			
Project Name: St. Lucie Vibracores							
Sample Name: SLVC-06-37 #4							
Analysis Date: 06-20-06							
Analyzed By: AU							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
930,695		1,072,025		Florida State Plane East		-52.5 NAVD 88	
USCS:		Munsell: Wet - 5GY-4/1 Dry - 2.5Y-5/1 Washed - 2.5Y-5/1		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #200 - 2.79 #230 - 2.56	Organics (%):	Carbonates (%):	Shell Hash (%):
96.11	93.82	0.09	0.10				1
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16"	-3.00	8.00	0.17	0.18	0.17	0.18	
3.5	-2.50	5.66	0.00	0.00	0.17	0.18	
4	-2.25	4.76	0.29	0.30	0.46	0.48	
5	-2.00	4.00	0.17	0.18	0.63	0.66	
7	-1.50	2.83	0.38	0.40	1.01	1.06	
10	-1.00	2.00	0.83	0.86	1.84	1.92	
14	-0.50	1.41	2.24	2.33	4.08	4.25	
18	0.00	1.00	4.18	4.35	8.26	8.60	
25	0.50	0.71	7.81	8.13	16.07	16.73	
35	1.00	0.50	17.48	18.19	33.55	34.92	
45	1.50	0.35	20.15	20.97	53.70	55.89	
60	2.00	0.25	21.53	22.40	75.23	78.29	
80	2.50	0.18	11.93	12.41	87.16	90.70	
120	3.00	0.13	4.37	4.55	91.53	95.25	
170	3.50	0.09	1.39	1.45	92.92	96.70	
200	3.75	0.07	0.49	0.51	93.41	97.21	
230	4.00	0.06	0.22	0.23	93.63	97.44	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.97	2.23	1.93	1.36	0.73	0.46	-0.41	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.26	0.42	0.95	-0.64	4.59		

<b>Granularmetric Report</b> Depths and elevations based on measured values				 <b>Coastal Planning &amp; Engineering</b> 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116			
Project Name: St. Lucie Vibracores							
Sample Name: SLVC-06-37 #5							
Analysis Date: 06-20-06							
Analyzed By: DA							
Easting (ft): <div style="text-align: center;">930,695</div>		Northing (ft): <div style="text-align: center;">1,072,025</div>		Coordinate System: <div style="text-align: center;">Florida State Plane East</div>		Elevation (ft): <div style="text-align: center;">-54.0 NAVD 88</div>	
USCS: <div style="text-align: center;">SW-SM</div>		Munsell: Wet - N-4/0 Dry - N-5/0 Washed - N-5/0		Comments:			
Dry Weight (g): <div style="text-align: center;">89.03</div>	Wash Weight (g): <div style="text-align: center;">85.12</div>	Pan Retained (g): <div style="text-align: center;">0.21</div>	Sieve Loss (%): <div style="text-align: center;">0.13</div>	Fines (%): #200 - 5.64 #230 - 4.75	Organics (%):	Carbonates (%):	Shell Hash (%): <div style="text-align: center;">3</div>
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00	
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00	
7/16"	-3.50	11.31	0.62	0.70	0.62	0.70	
5/16"	-3.00	8.00	0.10	0.11	0.72	0.81	
3.5	-2.50	5.66	0.15	0.17	0.87	0.98	
4	-2.25	4.76	0.48	0.54	1.35	1.52	
5	-2.00	4.00	0.22	0.25	1.57	1.77	
7	-1.50	2.83	0.89	1.00	2.46	2.77	
10	-1.00	2.00	1.63	1.83	4.09	4.60	
14	-0.50	1.41	2.61	2.93	6.70	7.53	
18	0.00	1.00	2.21	2.48	8.91	10.01	
25	0.50	0.71	3.91	4.39	12.82	14.40	
35	1.00	0.50	6.55	7.36	19.37	21.76	
45	1.50	0.35	9.02	10.13	28.39	31.89	
60	2.00	0.25	12.92	14.51	41.31	46.40	
80	2.50	0.18	19.28	21.66	60.59	68.06	
120	3.00	0.13	17.37	19.51	77.96	87.57	
170	3.50	0.09	4.76	5.35	82.72	92.92	
200	3.75	0.07	1.28	1.44	84.00	94.36	
230	4.00	0.06	0.79	0.89	84.79	95.25	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.93	2.91	2.68	2.08	1.16	0.61	-0.93	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.69	0.31	1.31	-1.37	5.34		

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Depths and elevations based on measured values



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Project Name: St. Lucie Vibracores

Sample Name: SLVC-06-37 #6

Analysis Date: 06-20-06

Analyzed By: DA

Easting (ft):

930,695

Northing (ft):

1,072,025

Coordinate System:

Florida State Plane East

Elevation (ft):

-55.0 NAVD 88

USCS:

SW-SM

Munsell:

Wet - 10Y-4/1  
Dry - N-5/0  
Washed - N-5/0

Comments:

Dry Weight (g):

116.38

Wash Weight (g):

110.10

Pan Retained (g):

0.73

Sieve Loss (%):

0.17

Fines (%):

#200 - 8.03  
#230 - 6.18

Organics (%):

Carbonates (%):

Shell Hash (%):

17

Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	6.23	5.35	6.23	5.35
7/16"	-3.50	11.31	2.38	2.05	8.61	7.40
5/16"	-3.00	8.00	2.51	2.16	11.12	9.56
3.5	-2.50	5.66	2.63	2.26	13.75	11.82
4	-2.25	4.76	0.80	0.69	14.55	12.51
5	-2.00	4.00	1.63	1.40	16.18	13.91
7	-1.50	2.83	3.49	3.00	19.67	16.91
10	-1.00	2.00	4.90	4.21	24.57	21.12
14	-0.50	1.41	5.66	4.86	30.23	25.98
18	0.00	1.00	6.04	5.19	36.27	31.17
25	0.50	0.71	8.18	7.03	44.45	38.20
35	1.00	0.50	9.25	7.95	53.70	46.15
45	1.50	0.35	10.82	9.30	64.52	55.45
60	2.00	0.25	11.26	9.68	75.78	65.13
80	2.50	0.18	12.17	10.46	87.95	75.59
120	3.00	0.13	10.64	9.14	98.59	84.73
170	3.50	0.09	4.77	4.10	103.36	88.83
200	3.75	0.07	3.66	3.14	107.02	91.97
230	4.00	0.06	2.15	1.85	109.17	93.82

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.96

2.47

1.21

-0.60

-1.65

-4.02

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.57

0.67

2.17

-0.68

2.57

GRANULARMETRIC REPORT ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06

# Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering  
2481 NW Boca Raton Blvd, Boca Raton  
FL 33431  
ph (561) 391-8102  
fax (561) 391-9116

Project Name: St. Lucie Vibracores

Sample Name: SLVC-06-37 #7

Analysis Date: 06-21-06

Analyzed By: DA

Easting (ft):

930,695

Northing (ft):

1,072,025

Coordinate System:

Florida State Plane East

Elevation (ft):

-56.0 NAVD 88

USCS:

SW-SM

Munsell:

Wet - N-4/0

Dry - N-4/0

Washed - N-4/0

Comments:

Dry Weight (g):

103.51

Wash Weight (g):

96.64

Pan Retained (g):

0.67

Sieve Loss (%):

0.07

Fines (%):

#200 - 9.80

#230 - 7.36

Organics (%):

Carbonates (%):

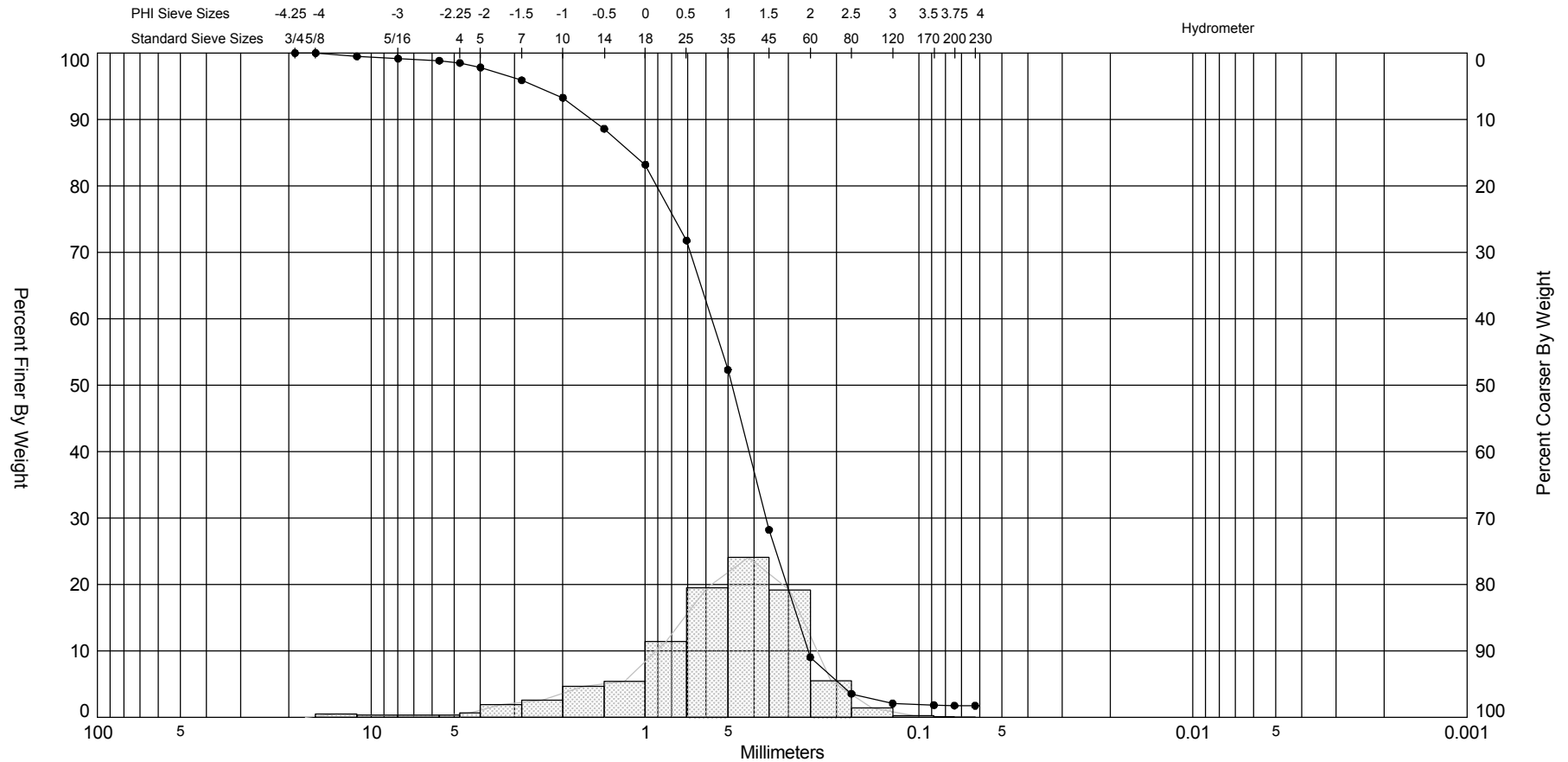
Shell Hash (%):

2


Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained
3/4"	-4.25	19.03	0.00	0.00	0.00	0.00
5/8"	-4.00	16.00	0.00	0.00	0.00	0.00
7/16"	-3.50	11.31	0.00	0.00	0.00	0.00
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.53	0.51	0.53	0.51
4	-2.25	4.76	0.23	0.22	0.76	0.73
5	-2.00	4.00	0.30	0.29	1.06	1.02
7	-1.50	2.83	0.84	0.81	1.90	1.83
10	-1.00	2.00	1.66	1.60	3.56	3.43
14	-0.50	1.41	2.75	2.66	6.31	6.09
18	0.00	1.00	4.21	4.07	10.52	10.16
25	0.50	0.71	6.09	5.88	16.61	16.04
35	1.00	0.50	7.92	7.65	24.53	23.69
45	1.50	0.35	10.16	9.82	34.69	33.51
60	2.00	0.25	13.67	13.21	48.36	46.72
80	2.50	0.18	15.59	15.06	63.95	61.78
120	3.00	0.13	13.76	13.29	77.71	75.07
170	3.50	0.09	9.55	9.23	87.26	84.30
200	3.75	0.07	6.11	5.90	93.37	90.20
230	4.00	0.06	2.53	2.44	95.90	92.64
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
	3.48	3.00	2.11	1.07	0.50	-0.70
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis	
Statistics	1.78	0.29	1.35	-0.73	3.26	

GRANULARMETRIC REPORT ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06

SIEVE ANALYSIS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06

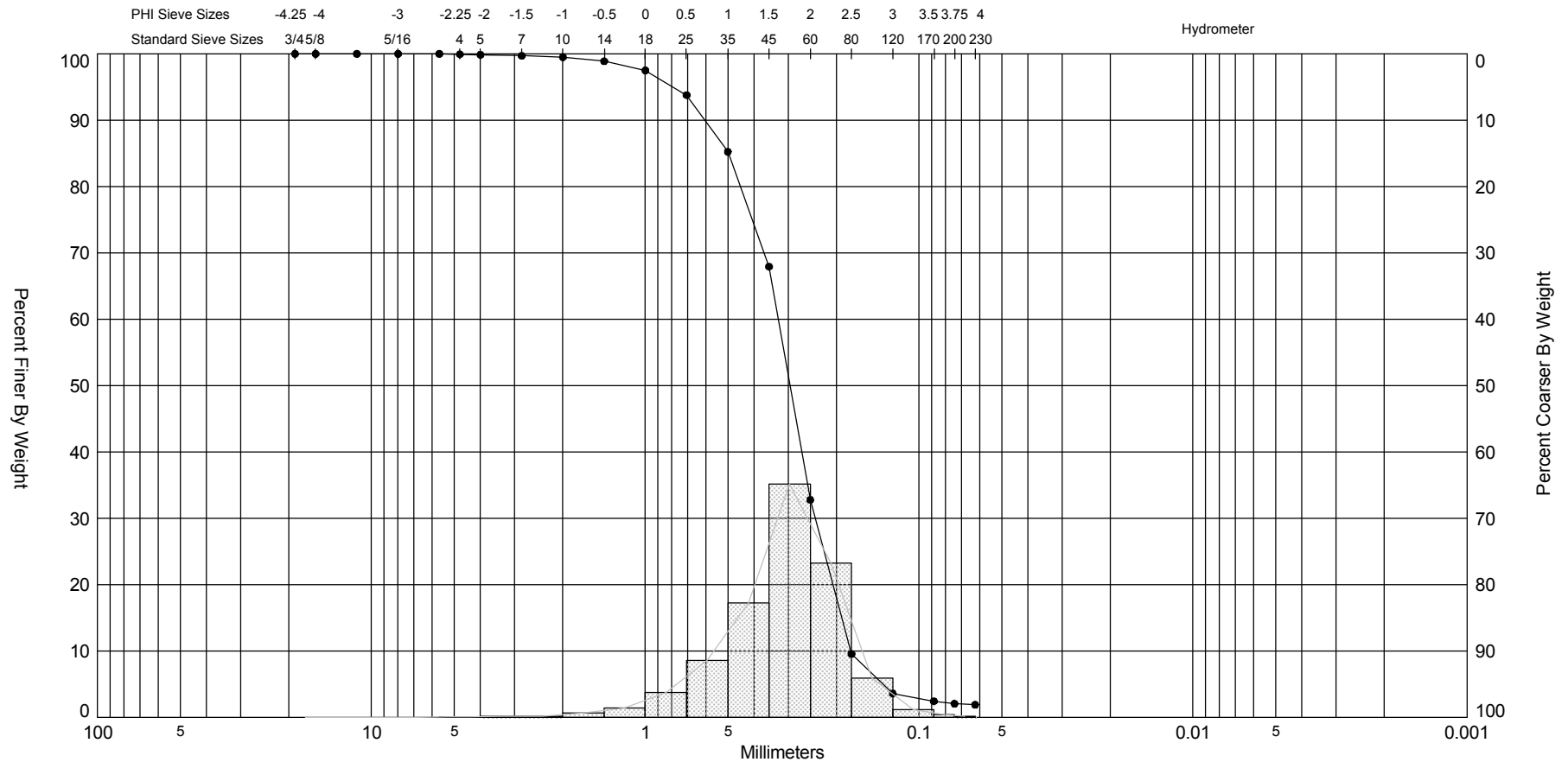


Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	


Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
SLVC-06-37 #1	—●—	-44.0	SW	#200 - 1.77 #230 - 1.76			1.05	0.82	-1.2	5.16	1.08	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-20-06
Depths and elevations based on measured values												Analyzed By:	DA
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	930,695
												Northing (Y, ft):	1,072,025
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88



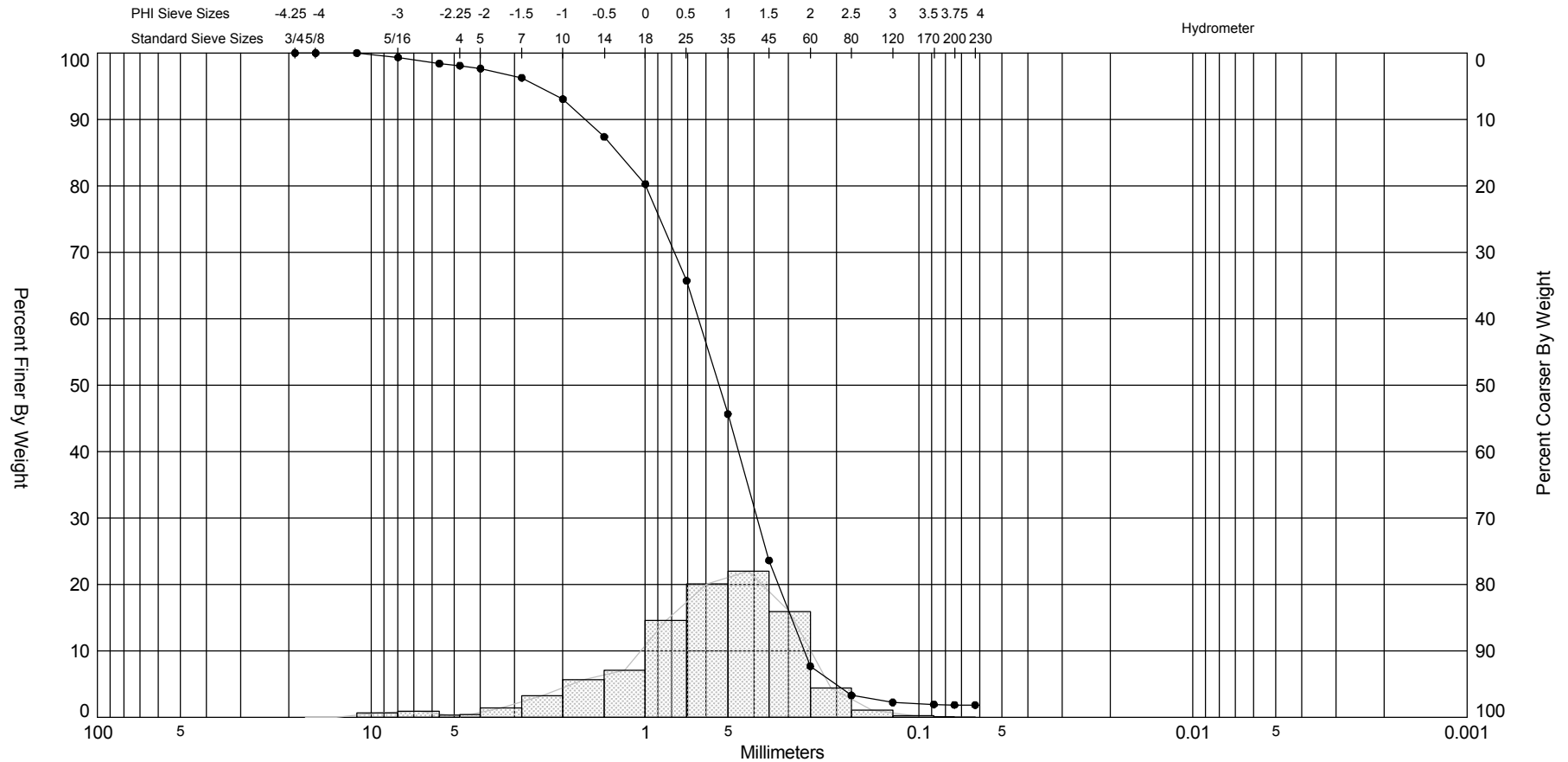
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Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
SLVC-06-37 #2	—●—	-47.0	SP	#200 - 2.05 #230 - 1.89			1.76	1.66	-0.91	5.67	0.73	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-20-06
Depths and elevations based on measured values												Analyzed By:	AU
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	930,695
												Northing (Y, ft):	1,072,025
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

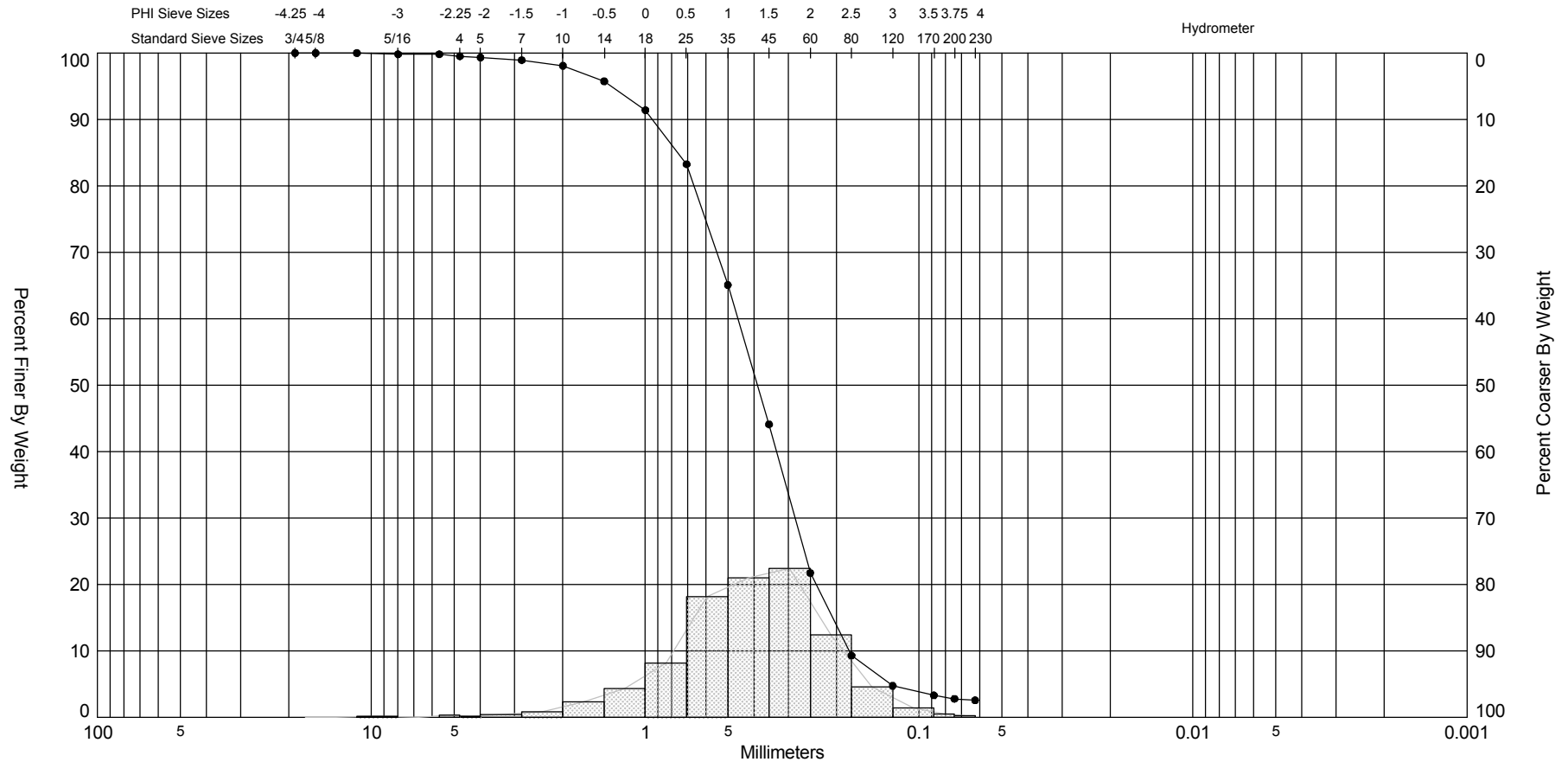
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Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
SLVC-06-37 #3	—●—	-51.0	SW	#200 - 1.87 #230 - 1.85			0.89	0.71	-0.95	4.44	1.07	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-20-06
Depths and elevations based on measured values												Analyzed By:	AU
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	930,695
												Northing (Y, ft):	1,072,025
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

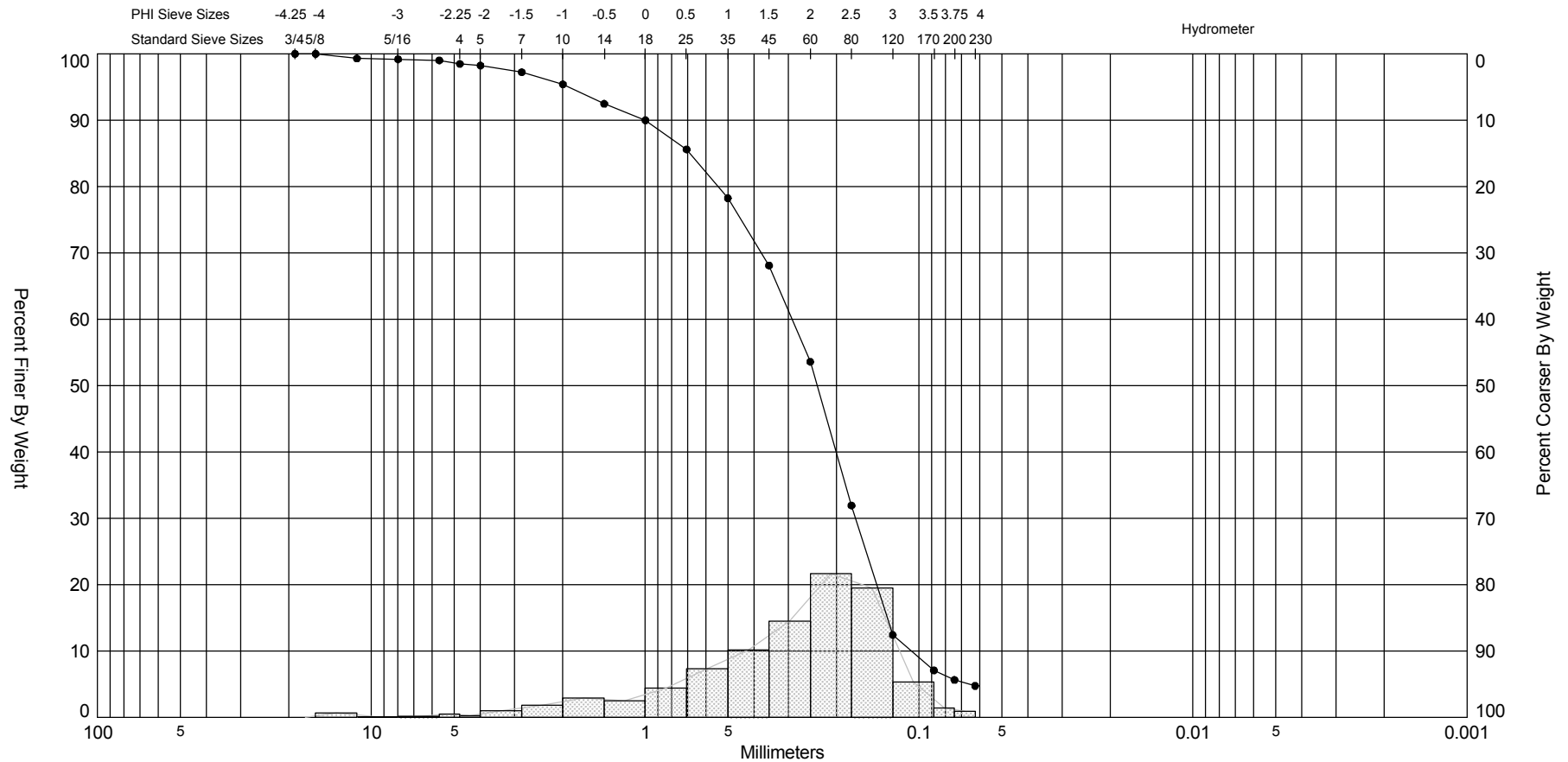
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Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
SLVC-06-37 #4	—●—	-52.5	SW	#200 - 2.79 #230 - 2.56			1.36	1.26	-0.64	4.59	0.95	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-20-06
Depths and elevations based on measured values												Analyzed By:	AU
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	930,695
												Northing (Y, ft):	1,072,025
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

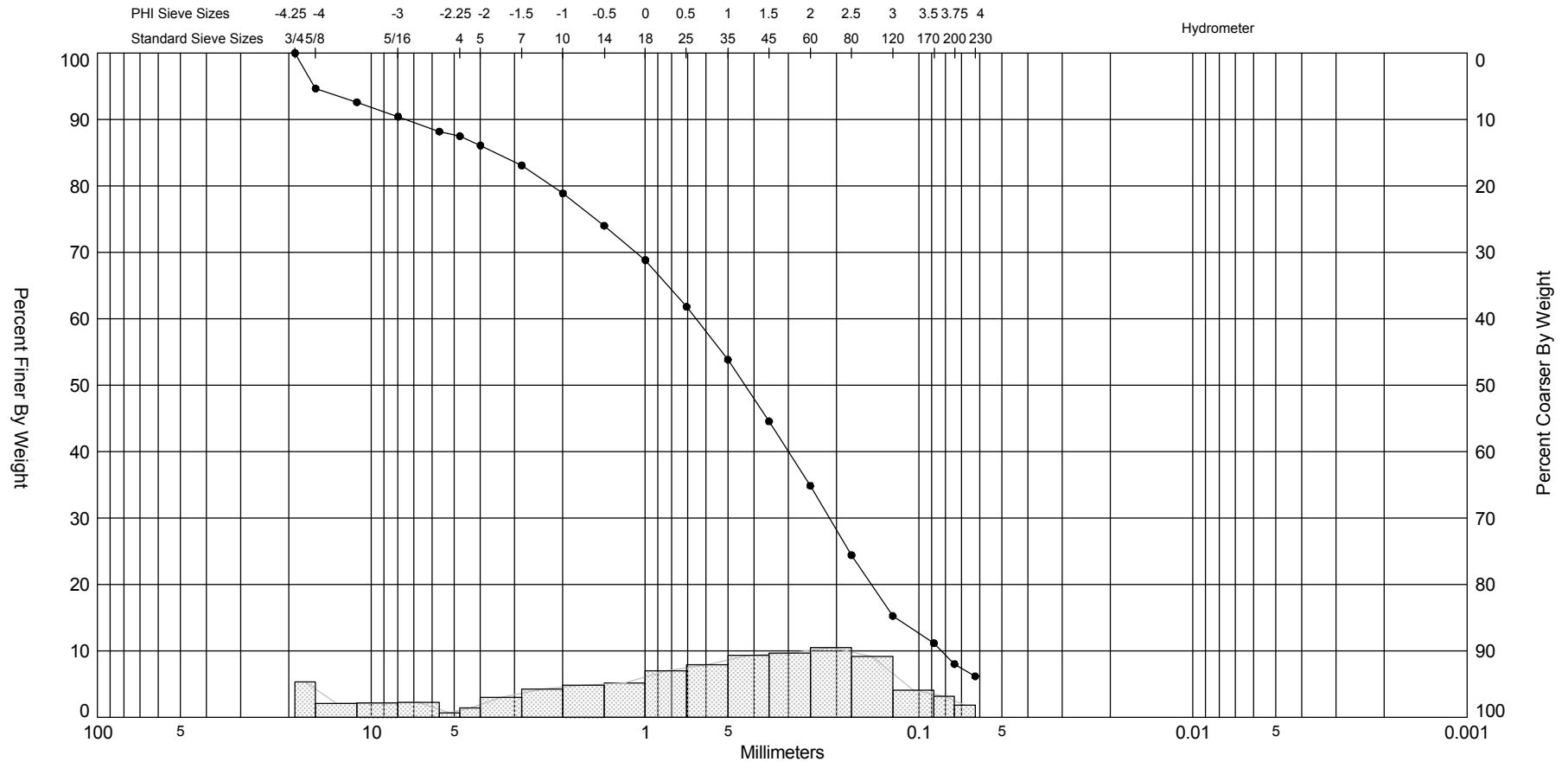
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Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
SLVC-06-37 #5	—●—	-54.0	SW-SM	#200 - 5.64 #230 - 4.75			2.08	1.69	-1.37	5.34	1.31	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-20-06
Depths and elevations based on measured values												Analyzed By:	DA
							Coastal Planning & Engineering						
							2481 NW Boca Raton Blvd, Boca Raton						
							FL 33431						
							ph (561) 391-8102						
							fax (561) 391-9116						
												Easting (X, ft):	930,695
												Northing (Y, ft):	1,072,025
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

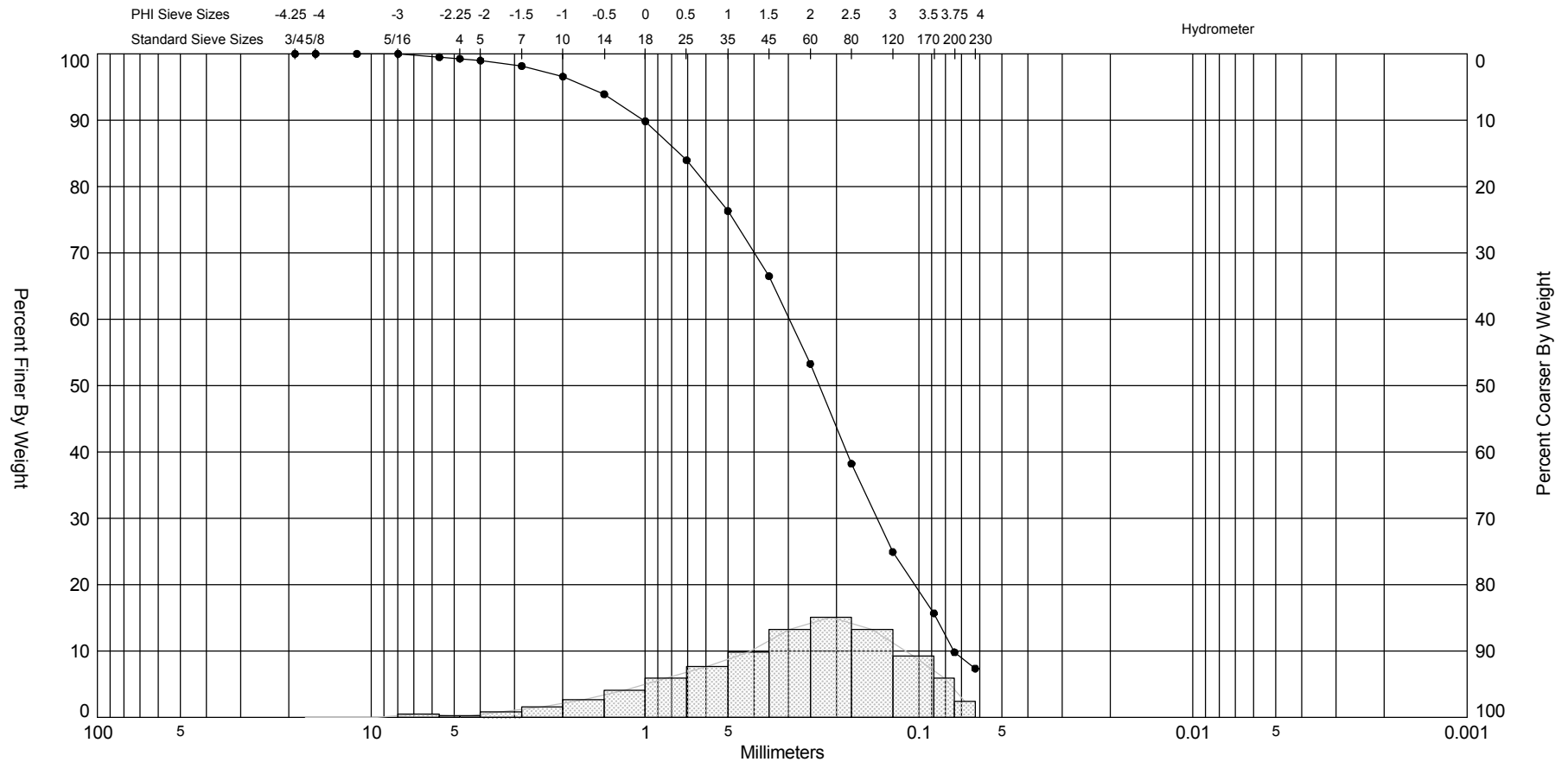
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Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
SLVC-06-37 #6	—●—	-55.0	SW-SM	#200 - 8.03 #230 - 6.18			1.21	0.57	-0.68	2.57	2.17	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-20-06
Depths and elevations based on measured values												Analyzed By:	DA
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	930,695
												Northing (Y, ft):	1,072,025
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

SIEVE ANALYSIS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06



Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
SLVC-06-37 #7	—●—	-56.0	SW-SM	#200 - 9.80 #230 - 7.36			2.11	1.78	-0.73	3.26	1.35	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-21-06
Depths and elevations based on measured values												Analyzed By:	DA
							Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116					Easting (X, ft):	930,695
												Northing (Y, ft):	1,072,025
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88