

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-06-03 #1

Analysis Date: 05-26-06

Analyzed By: AU

Easting (ft):

914,182

Northing (ft):

1,082,856

Coordinate System:

Florida State Plane East

Elevation (ft):

-34.9 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-5/2
Dry - 5Y-5/1
Washed - 5Y-5/1

Comments:

Dry Weight (g):

83.99

Wash Weight (g):

82.28

Pan Retained (g):

0.03

Sieve Loss (%):

0.06

Fines (%):

#200 - 2.27
#230 - 2.13

Organics (%):

Carbonates (%):

Shell Hash (%):

16

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

3.89

4.63

3.89

4.63

5/16"

-3.00

8.00

2.08

2.48

5.97

7.11

3.5

-2.50

5.66

2.31

2.75

8.28

9.86

4

-2.25

4.76

0.76

0.90

9.04

10.76

5

-2.00

4.00

1.37

1.63

10.41

12.39

7

-1.50

2.83

2.61

3.11

13.02

15.50

10

-1.00

2.00

3.87

4.61

16.89

20.11

14

-0.50

1.41

6.07

7.23

22.96

27.34

18

0.00

1.00

6.38

7.60

29.34

34.94

25

0.50

0.71

9.12

10.86

38.46

45.80

35

1.00

0.50

12.02

14.31

50.48

60.11

45

1.50

0.35

12.51

14.89

62.99

75.00

60

2.00

0.25

12.40

14.76

75.39

89.76

80

2.50

0.18

4.53

5.39

79.92

95.15

120

3.00

0.13

1.30

1.55

81.22

96.70

170

3.50

0.09

0.62

0.74

81.84

97.44

200

3.75

0.07

0.24

0.29

82.08

97.73

230

4.00

0.06

0.12

0.14

82.20

97.87

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.49

1.80

1.50

0.65

-0.66

-1.45

-3.43

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.22


0.86


1.66

-0.81

3.01

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 & 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-06-03 #2							
Analysis Date: 05-26-06							
Analyzed By: AU							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
914,182		1,082,856		Florida State Plane East		-36.9 NAVD 88	
USCS:		Munsell: Wet - 2.5Y-4/1 Dry - 5Y-5/1 Washed - 5Y-5/1		Comments:			
SW							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #200 - 1.84 #230 - 1.52	Organics (%):	Carbonates (%):	Shell Hash (%):
85.56	84.35	0.05	0.05				6
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	2.20	2.57	2.20	2.57	
7/16"	-3.50	11.31	0.18	0.21	2.38	2.78	
5/16"	-3.00	8.00	0.30	0.35	2.68	3.13	
3.5	-2.50	5.66	0.91	1.06	3.59	4.19	
4	-2.25	4.76	0.23	0.27	3.82	4.46	
5	-2.00	4.00	0.23	0.27	4.05	4.73	
7	-1.50	2.83	0.67	0.78	4.72	5.51	
10	-1.00	2.00	0.92	1.08	5.64	6.59	
14	-0.50	1.41	2.15	2.51	7.79	9.10	
18	0.00	1.00	3.22	3.76	11.01	12.86	
25	0.50	0.71	5.93	6.93	16.94	19.79	
35	1.00	0.50	10.58	12.37	27.52	32.16	
45	1.50	0.35	15.34	17.93	42.86	50.09	
60	2.00	0.25	24.16	28.24	67.02	78.33	
80	2.50	0.18	11.06	12.93	78.08	91.26	
120	3.00	0.13	2.73	3.19	80.81	94.45	
170	3.50	0.09	2.22	2.59	83.03	97.04	
200	3.75	0.07	0.96	1.12	83.99	98.16	
230	4.00	0.06	0.27	0.32	84.26	98.48	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.11	2.22	1.94	1.50	0.71	0.23	-1.83	
Moment	Mean Phi	Mean mm		Sorting	Skewness	Kurtosis	
Statistics	1.14	0.45		1.42	-1.77	7.17	

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-06-03 #3							
Analysis Date: 06-07-06							
Analyzed By: da							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
914,182		1,082,856		Florida State Plane East		-38.3 NAVD 88	
USCS:		Munsell: Wet - 2.5Y-4/1 Dry - 2.5Y-5/1 Washed - 2.5Y-5/1		Comments:			
SW-SM							
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
88.15	84.69	0.39	0.29	#200 - 8.47 #230 - 4.67			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	0.31	0.35	0.31	0.35	
4	-2.25	4.76	0.42	0.48	0.73	0.83	
5	-2.00	4.00	0.23	0.26	0.96	1.09	
7	-1.50	2.83	0.84	0.95	1.80	2.04	
10	-1.00	2.00	1.24	1.41	3.04	3.45	
14	-0.50	1.41	2.52	2.86	5.56	6.31	
18	0.00	1.00	2.83	3.21	8.39	9.52	
25	0.50	0.71	4.87	5.52	13.26	15.04	
35	1.00	0.50	6.63	7.52	19.89	22.56	
45	1.50	0.35	7.72	8.76	27.61	31.32	
60	2.00	0.25	12.42	14.09	40.03	45.41	
80	2.50	0.18	10.22	11.59	50.25	57.00	
120	3.00	0.13	7.34	8.33	57.59	65.33	
170	3.50	0.09	13.62	15.45	71.21	80.78	
200	3.75	0.07	9.48	10.75	80.69	91.53	
230	4.00	0.06	3.35	3.80	84.04	95.33	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.98	3.57	3.31	2.20	1.14	0.56	-0.73	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.96	0.26	1.42	-0.76	3.11		

Granularmetric Report

Depths and elevations based on measured values



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FL 33431
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Project Name: St. Lucie Vibracores

Sample Name: SLVC-06-03 #4

Analysis Date: 05-26-06

Analyzed By: AU

Easting (ft):

914,182

Northing (ft):

1,082,856

Coordinate System:

Florida State Plane East

Elevation (ft):

-39.1 NAVD 88

USCS:

SM

Munsell:

Wet - 2.5Y-5/1
Dry - 5Y-6/1
Washed - 5Y-7/1

Comments:

Dry Weight (g):

83.95

Wash Weight (g):

79.76

Pan Retained (g):

0.89

Sieve Loss (%):

0.10

Fines (%):

#200 - 12.72
#230 - 6.14

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

0.00

0.00

0.00

0.00

5

-2.00

4.00

0.03

0.04

0.03

0.04

7

-1.50

2.83

0.00

0.00

0.03

0.04

10

-1.00

2.00

0.06

0.07

0.09

0.11

14

-0.50

1.41

0.23

0.27

0.32

0.38

18

0.00

1.00

0.47

0.56

0.79

0.94

25

0.50

0.71

0.92

1.10

1.71

2.04

35

1.00

0.50

1.68

2.00

3.39

4.04

45

1.50

0.35

2.25

2.68

5.64

6.72

60

2.00

0.25

3.07

3.66

8.71

10.38

80

2.50

0.18

3.29

3.92

12.00

14.30

120

3.00

0.13

6.22

7.41

18.22

21.71

170

3.50

0.09

25.48

30.35

43.70

52.06

200

3.75

0.07

29.57

35.22

73.27

87.28

230

4.00

0.06

5.52

6.58

78.79

93.86

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.73

3.66

3.47

3.05

2.61

1.18

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

3.11

0.12

0.84

-2.17

7.9

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

Granularmetric Report

Depths and elevations based on measured values



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FL 33431
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Project Name: St. Lucie Vibracores

Sample Name: SLVC-06-03 #5

Analysis Date: 05-26-06

Analyzed By: AU

Easting (ft):

914,182

Northing (ft):

1,082,856

Coordinate System:

Florida State Plane East

Elevation (ft):

-40.4 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-4/1
Dry - 5Y-5/1
Washed - 5Y-6/1

Comments:

Dry Weight (g):

83.51

Wash Weight (g):

80.28

Pan Retained (g):

0.12

Sieve Loss (%):

0.08

Fines (%):

#200 - 4.80
#230 - 4.11

Organics (%):

Carbonates (%):

Shell Hash (%):

3

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

0.69

0.83

0.69

0.83

4

-2.25

4.76

0.57

0.68

1.26

1.51

5

-2.00

4.00

0.47

0.56

1.73

2.07

7

-1.50

2.83

0.85

1.02

2.58

3.09

10

-1.00

2.00

1.50

1.80

4.08

4.89

14

-0.50

1.41

2.27

2.72

6.35

7.61

18

0.00

1.00

3.50

4.19

9.85

11.80

25

0.50

0.71

6.93

8.30

16.78

20.10

35

1.00

0.50

11.57

13.85

28.35

33.95

45

1.50

0.35

13.88

16.62

42.23

50.57

60

2.00

0.25

16.87

20.20

59.10

70.77

80

2.50

0.18

7.49

8.97

66.59

79.74

120

3.00

0.13

4.73

5.66

71.32

85.40

170

3.50

0.09

6.04

7.23

77.36

92.63

200

3.75

0.07

2.15

2.57

79.51

95.20

230

4.00

0.06

0.58

0.69

80.09

95.89

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.73

2.88

2.24

1.48

0.68

0.25

-0.98

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.33

0.40

1.27

-0.56

3.69

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-06-03 #6

Analysis Date: 06-08-06

Analyzed By: DA

Easting (ft):

914,182

Northing (ft):

1,082,856

Coordinate System:

Florida State Plane East

Elevation (ft):

-42.1 NAVD 88

USCS:

SW-SC

Munsell:

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

Comments:

Dry Weight (g):

85.41

Wash Weight (g):

78.56

Pan Retained (g):

0.11

Sieve Loss (%):

0.33

Fines (%):

#200 - 9.26
#230 - 8.48

Organics (%):

Carbonates (%):

Shell Hash (%):

29

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

5.02

5.88

5.02

5.88

7/16"

-3.50

11.31

0.00

0.00

5.02

5.88

5/16"

-3.00

8.00

2.59

3.03

7.61

8.91

3.5

-2.50

5.66

5.23

6.12

12.84

15.03

4

-2.25

4.76

1.56

1.83

14.40

16.86

5

-2.00

4.00

3.25

3.81

17.65

20.67

7

-1.50

2.83

7.38

8.64

25.03

29.31

10

-1.00

2.00

7.64

8.95

32.67

38.26

14

-0.50

1.41

8.02

9.39

40.69

47.65

18

0.00

1.00

5.84

6.84

46.53

54.49

25

0.50

0.71

5.87

6.87

52.40

61.36

35

1.00

0.50

5.63

6.59

58.03

67.95

45

1.50

0.35

4.81

5.63

62.84

73.58

60

2.00

0.25

4.71

5.51

67.55

79.09

80

2.50

0.18

2.57

3.01

70.12

82.10

120

3.00

0.13

1.88

2.20

72.00

84.30

170

3.50

0.09

3.25

3.81

75.25

88.11

200

3.75

0.07

2.25

2.63

77.50

90.74

230

4.00

0.06

0.67

0.78

78.17

91.52

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.93

1.63

-0.33

-1.75

-2.37

-3.61

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

-0.41

1.33

2.05

0.16

2.34

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-06-03 #7

Analysis Date: 06-06-06

Analyzed By: JF

Easting (ft):

914,182

Northing (ft):

1,082,856

Coordinate System:

Florida State Plane East

Elevation (ft):

-38.7 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-4/1

Dry - 5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

72.58

Wash Weight (g):

70.57

Pan Retained (g):

0.06

Sieve Loss (%):

0.08

Fines (%):

#200 - 3.74

#230 - 2.91

Organics (%):

Carbonates (%):

Shell Hash (%):

10

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

1.38

1.90

1.38

1.90

5/16"

-3.00

8.00

1.25

1.72

2.63

3.62

3.5

-2.50

5.66

0.53

0.73

3.16

4.35

4

-2.25

4.76

0.46

0.63

3.62

4.98

5

-2.00

4.00

1.00

1.38

4.62

6.36

7

-1.50

2.83

2.32

3.20

6.94

9.56

10

-1.00

2.00

3.80

5.24

10.74

14.80

14

-0.50

1.41

4.82

6.64

15.56

21.44

18

0.00

1.00

5.08

7.00

20.64

28.44

25

0.50

0.71

7.81

10.76

28.45

39.20

35

1.00

0.50

8.49

11.70

36.94

50.90

45

1.50

0.35

8.30

11.44

45.24

62.34

60

2.00

0.25

11.08

15.27

56.32

77.61

80

2.50

0.18

7.10

9.78

63.42

87.39

120

3.00

0.13

2.35

3.24

65.77

90.63

170

3.50

0.09

2.37

3.27

68.14

93.90

200

3.75

0.07

1.71

2.36

69.85

96.26

230

4.00

0.06

0.60

0.83

70.45

97.09

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.62

2.33

1.91

0.96

-0.25

-0.91

-2.25

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.7

0.62

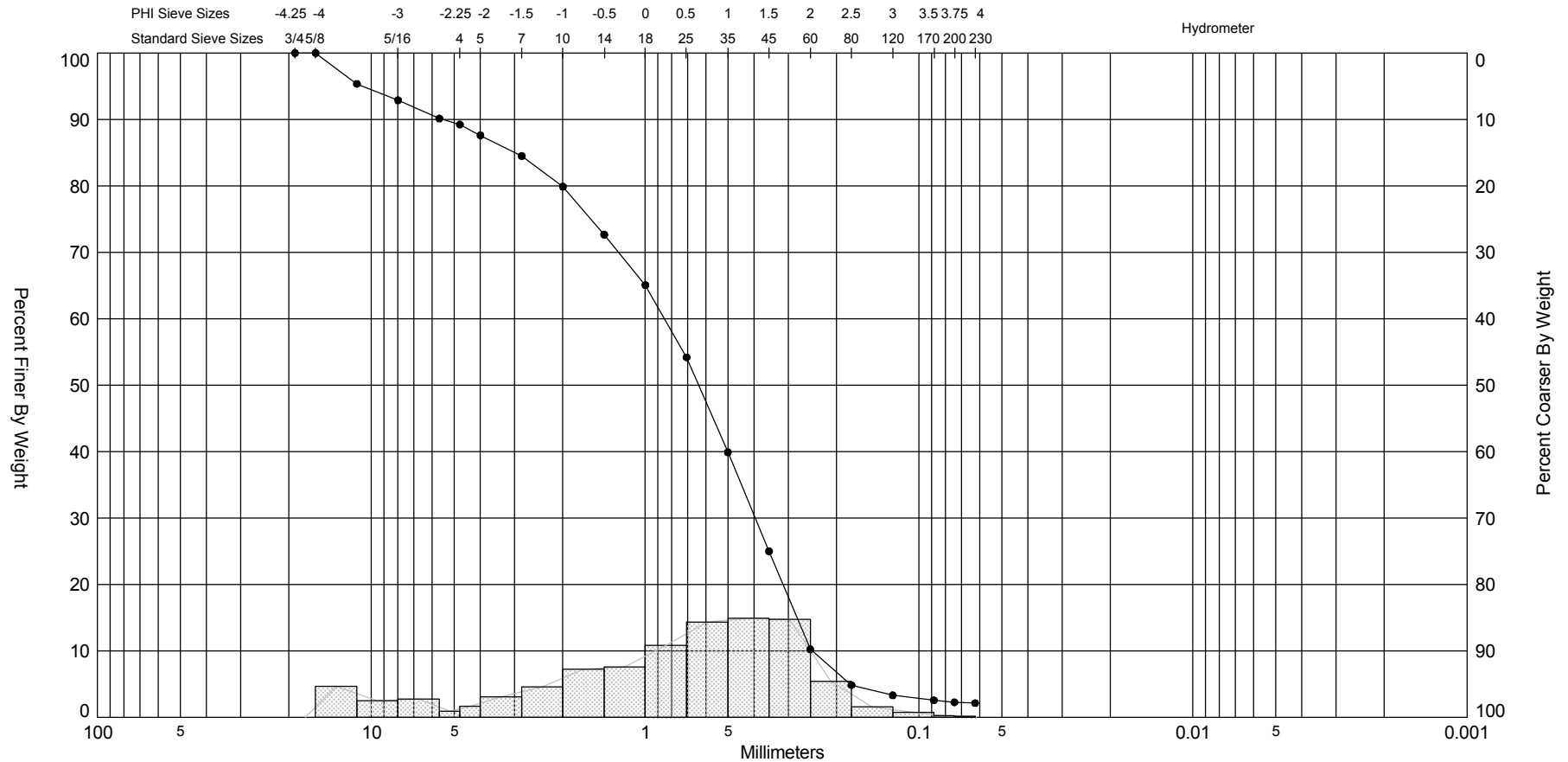
1.63

-0.57


3.13

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

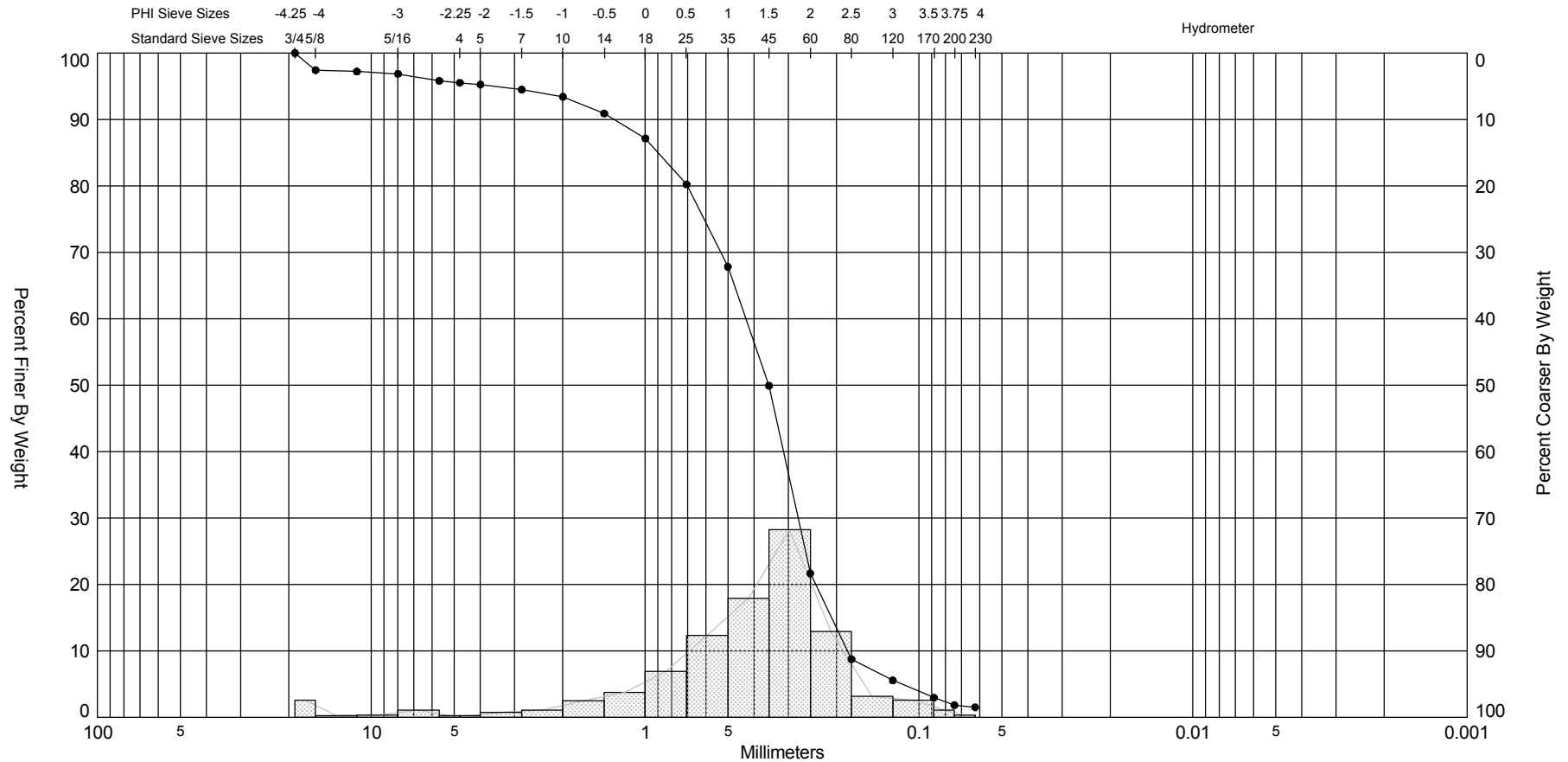
SIEVE ANALYSIS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06





Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

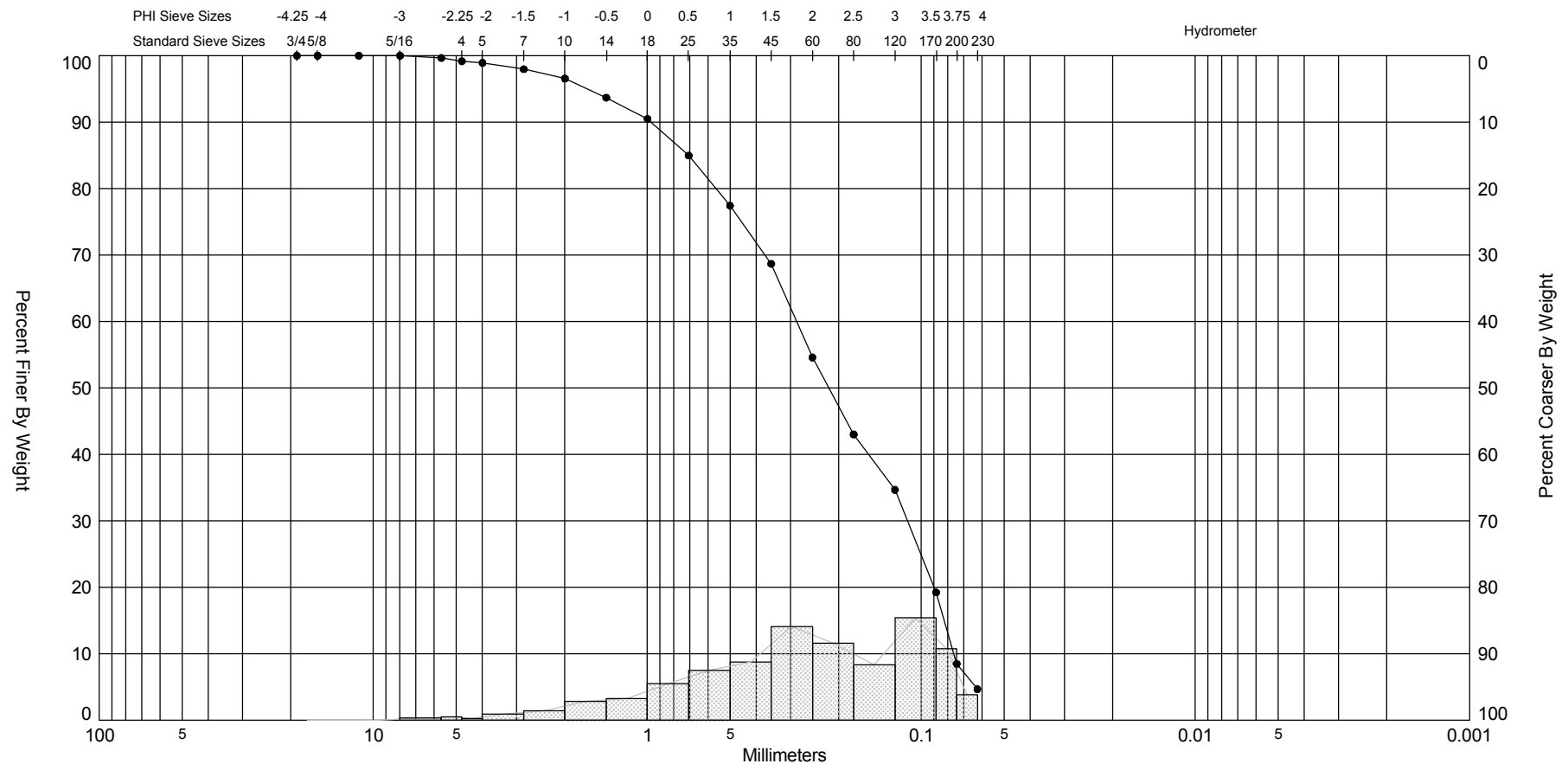
Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
SLVC-06-03 #1	—●—	-34.9	SW	#200 - 2.27 #230 - 2.13			0.65	0.22	-0.81	3.01	1.66	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	05-26-06
Depths and elevations based on measured 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):	914,182
												Northing (Y, ft):	1,082,856
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

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





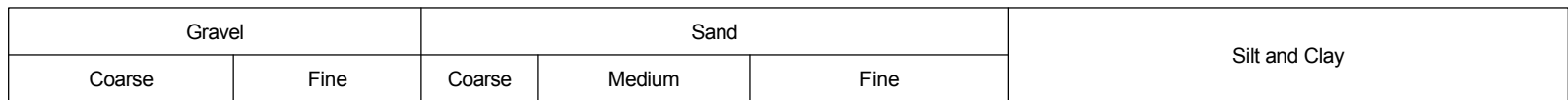
Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
SLVC-06-03 #2		-36.9	SW	#200 - 1.84 #230 - 1.52			1.5	1.14	-1.77	7.17	1.42	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	05-26-06
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):	914,182
												Northing (Y, ft):	1,082,856
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88



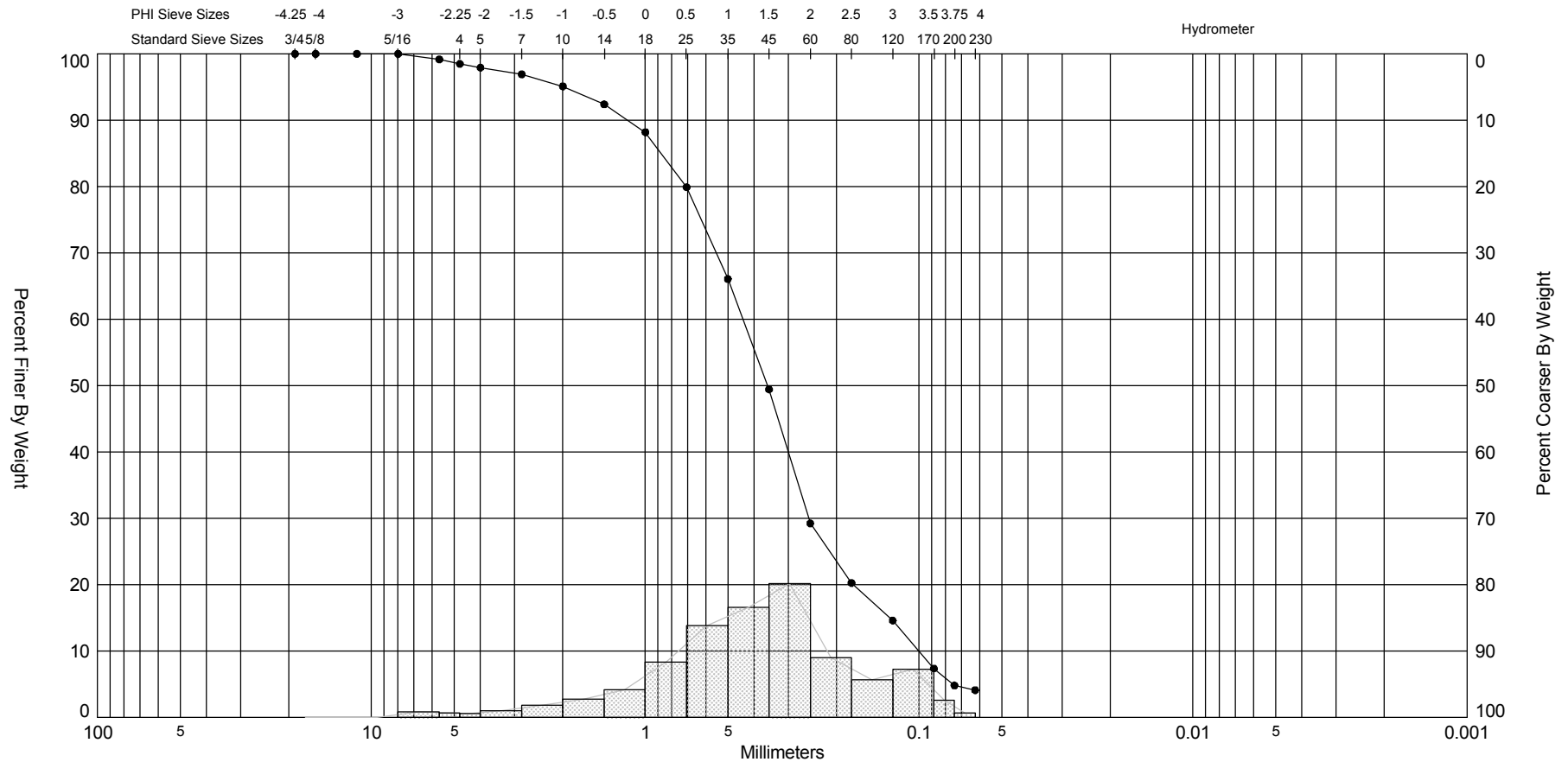
Gravel		Sand			Silt and Clay
Coarse	Fine	Coarse	Medium	Fine	

Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
SLVC-06-03 #3		-38.3	SW-SM	#200 - 8.47 #230 - 4.67			2.2	1.96	-0.76	3.11	1.42	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-07-06
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):	914,182
												Northing (Y, ft):	1,082,856
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88




Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
SLVC-06-03 #4		-39.1	SM	#200 - 12.72 #230 - 6.14			3.47	3.11	-2.17	7.9	0.84	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	05-26-06
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):	914,182
												Northing (Y, ft):	1,082,856
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

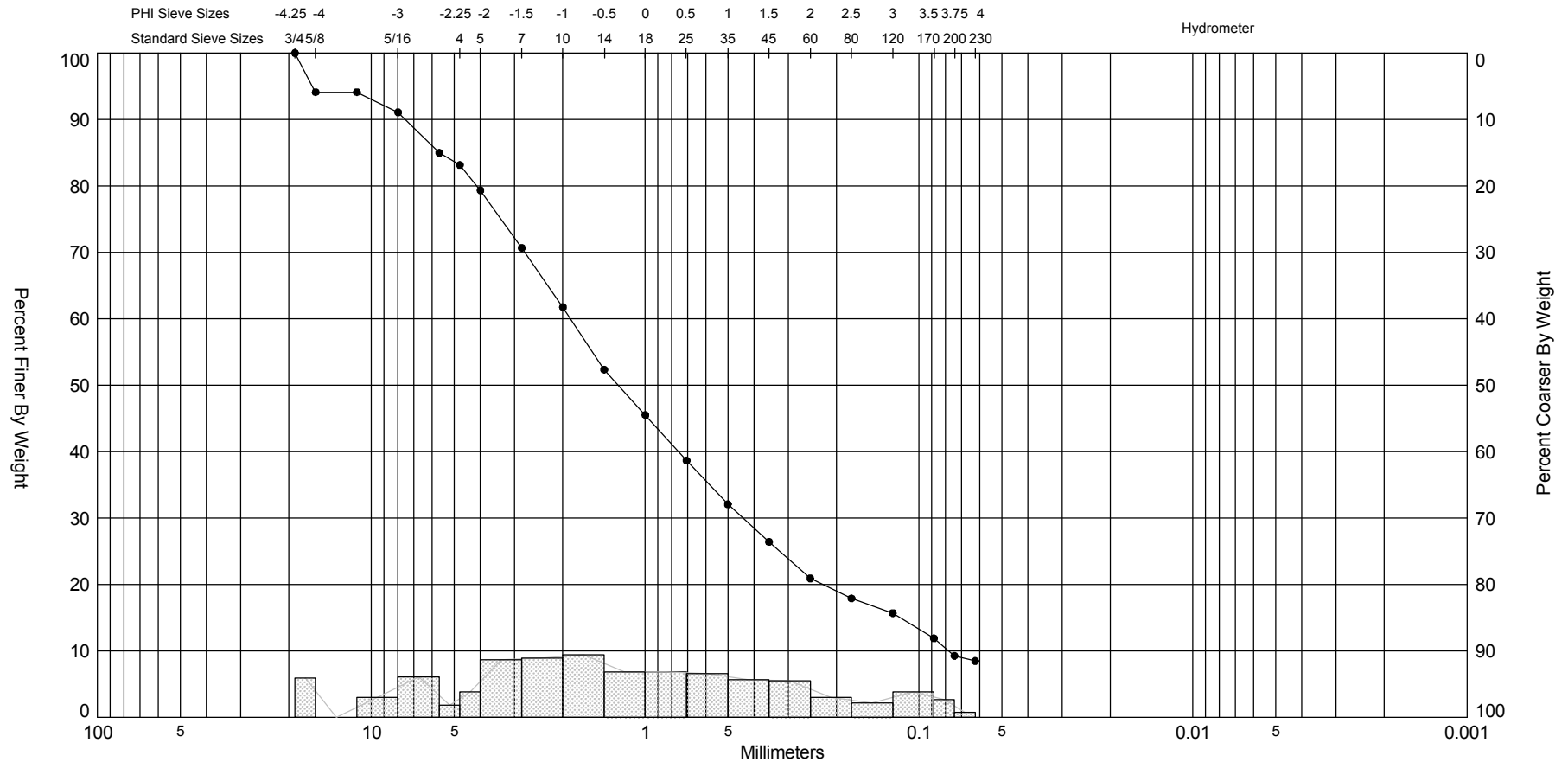
SIEVE ANALYSIS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06




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-06-03 #5	—●—	-40.4	SW	#200 - 4.80 #230 - 4.11			1.48	1.33	-0.56	3.69	1.27	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	05-26-06
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):	914,182
												Northing (Y, ft):	1,082,856
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

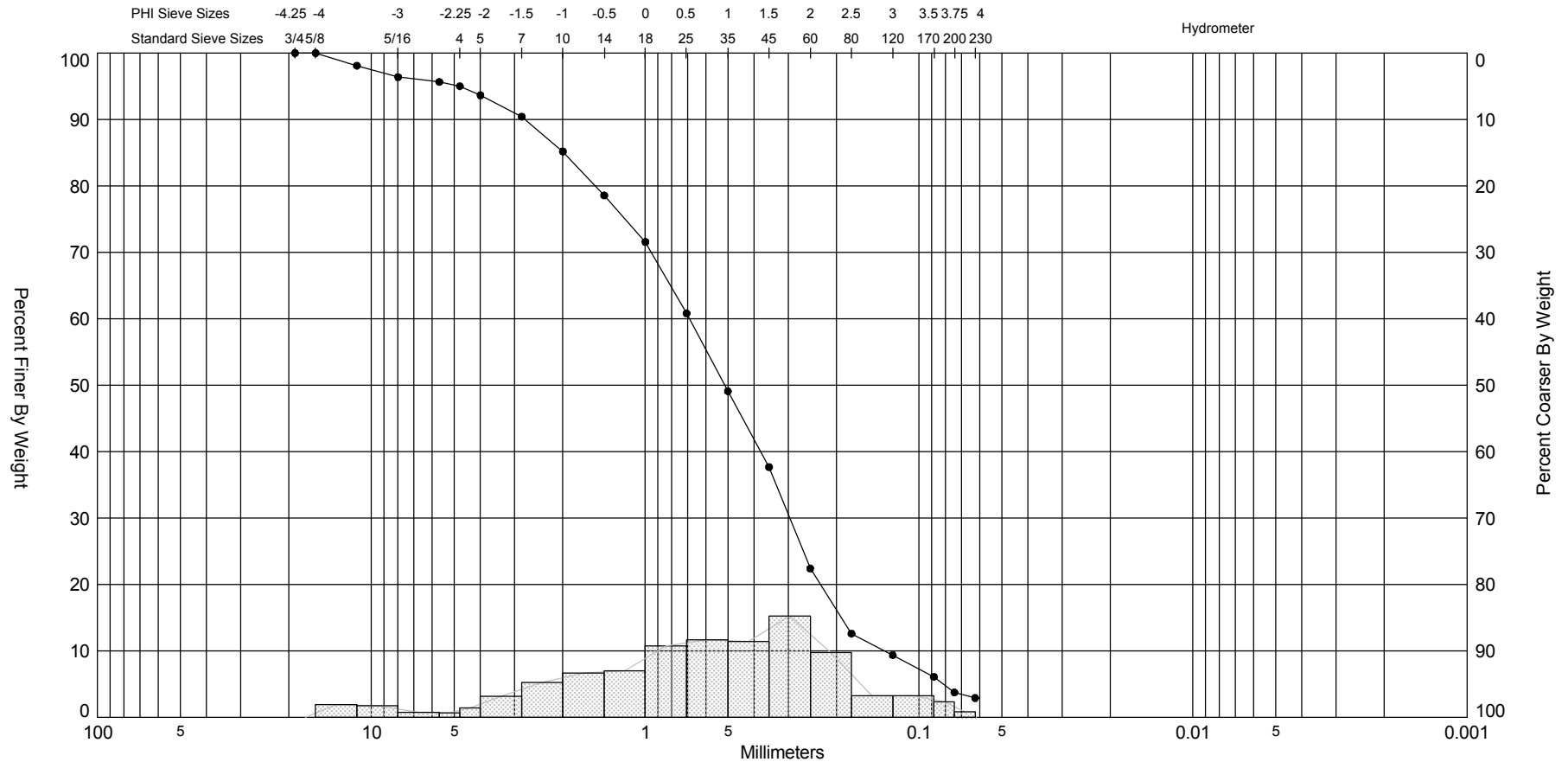
SIEVE ANALYSIS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06




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-06-03 #6	—●—	-42.1	SW-SC	#200 - 9.26 #230 - 8.48				-0.41	0.16	2.34	2.05	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-08-06
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):	914,182
												Northing (Y, ft):	1,082,856
												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-06-03 #7	—●—	-38.7	SW	#200 - 3.74 #230 - 2.91			0.96	0.7	-0.57	3.13	1.63	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-06-06
Depths and elevations based on measured values												Analyzed By:	JF
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	914,182
												Northing (Y, ft):	1,082,856
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88