




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-06-17 #1							
Analysis Date: 06-12-06							
Analyzed By: JF							
Easting (ft): 931,611		Northing (ft): 1,074,189		Coordinate System: Florida State Plane East		Elevation (ft): -43.9 NAVD 88	
USCS: SP		Munsell: Wet - 2.5Y-4/1 Dry - 2.5Y-5/2 Washed - 2.5Y-5/2		Comments:			
Dry Weight (g): 85.80	Wash Weight (g): 84.61	Pan Retained (g): 0.00	Sieve Loss (%): 0.02	Fines (%): #200 - 1.45 #230 - 1.43	Organics (%):	Carbonates (%):	Shell Hash (%): 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	0.00	0.00	0.00	0.00	
3.5	-2.50	5.66	0.11	0.13	0.11	0.13	
4	-2.25	4.76	0.06	0.07	0.17	0.20	
5	-2.00	4.00	0.15	0.17	0.32	0.37	
7	-1.50	2.83	0.24	0.28	0.56	0.65	
10	-1.00	2.00	0.73	0.85	1.29	1.50	
14	-0.50	1.41	1.48	1.72	2.77	3.22	
18	0.00	1.00	2.24	2.61	5.01	5.83	
25	0.50	0.71	5.28	6.15	10.29	11.98	
35	1.00	0.50	11.21	13.07	21.50	25.05	
45	1.50	0.35	19.64	22.89	41.14	47.94	
60	2.00	0.25	29.80	34.73	70.94	82.67	
80	2.50	0.18	11.36	13.24	82.30	95.91	
120	3.00	0.13	1.83	2.13	84.13	98.04	
170	3.50	0.09	0.38	0.44	84.51	98.48	
200	3.75	0.07	0.06	0.07	84.57	98.55	
230	4.00	0.06	0.02	0.02	84.59	98.57	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.47	2.05	1.89	1.53	1.00	0.65	-0.16	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.36	0.39	0.8	-1.2	5.71		

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-06-17 #2							
Analysis Date: 05-31-06							
Analyzed By: JF							
Easting (ft): 931,611		Northing (ft): 1,074,189		Coordinate System: Florida State Plane East		Elevation (ft): -47.9 NAVD 88	
USCS: SW		Munsell: Wet - 2.5Y-4/1 Dry - 2.5Y-5/2 Washed - 2.5Y-6/1		Comments:			
Dry Weight (g): 84.55	Wash Weight (g): 83.59	Pan Retained (g): 0.03	Sieve Loss (%): 0.02	Fines (%): #200 - 1.32 #230 - 1.20	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	0.62	0.73	0.62	0.73	
3.5	-2.50	5.66	0.26	0.31	0.88	1.04	
4	-2.25	4.76	0.16	0.19	1.04	1.23	
5	-2.00	4.00	0.24	0.28	1.28	1.51	
7	-1.50	2.83	0.85	1.01	2.13	2.52	
10	-1.00	2.00	1.43	1.69	3.56	4.21	
14	-0.50	1.41	2.38	2.81	5.94	7.02	
18	0.00	1.00	3.83	4.53	9.77	11.55	
25	0.50	0.71	6.84	8.09	16.61	19.64	
35	1.00	0.50	13.42	15.87	30.03	35.51	
45	1.50	0.35	19.56	23.13	49.59	58.64	
60	2.00	0.25	20.52	24.27	70.11	82.91	
80	2.50	0.18	9.46	11.19	79.57	94.10	
120	3.00	0.13	3.10	3.67	82.67	97.77	
170	3.50	0.09	0.61	0.72	83.28	98.49	
200	3.75	0.07	0.16	0.19	83.44	98.68	
230	4.00	0.06	0.10	0.12	83.54	98.80	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.62	2.05	1.84	1.31	0.67	0.28	-0.86	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.14	0.45	1.04	-1.2	5.63		

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-06-17 #3							
Analysis Date: 06-12-06							
Analyzed By: JF							
Easting (ft): 931,611		Northing (ft): 1,074,189		Coordinate System: Florida State Plane East		Elevation (ft): -50.4 NAVD 88	
USCS: SW		Munsell: Wet - 2.5Y-4/1 Dry - 2.5Y-5/2 Washed - 2.5Y-5/2		Comments:			
Dry Weight (g): 88.49	Wash Weight (g): 86.91	Pan Retained (g): 0.01	Sieve Loss (%): 0.08	Fines (%): #200 - 1.96 #230 - 1.89	Organics (%):	Carbonates (%):	Shell Hash (%): 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	0.12	0.14	0.12	0.14	
3.5	-2.50	5.66	0.17	0.19	0.29	0.33	
4	-2.25	4.76	0.06	0.07	0.35	0.40	
5	-2.00	4.00	0.17	0.19	0.52	0.59	
7	-1.50	2.83	0.68	0.77	1.20	1.36	
10	-1.00	2.00	1.95	2.20	3.15	3.56	
14	-0.50	1.41	4.03	4.55	7.18	8.11	
18	0.00	1.00	7.08	8.00	14.26	16.11	
25	0.50	0.71	14.95	16.89	29.21	33.00	
35	1.00	0.50	20.45	23.11	49.66	56.11	
45	1.50	0.35	18.99	21.46	68.65	77.57	
60	2.00	0.25	12.06	13.63	80.71	91.20	
80	2.50	0.18	4.26	4.81	84.97	96.01	
120	3.00	0.13	1.28	1.45	86.25	97.46	
170	3.50	0.09	0.42	0.47	86.67	97.93	
200	3.75	0.07	0.10	0.11	86.77	98.04	
230	4.00	0.06	0.06	0.07	86.83	98.11	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.40	1.74	1.44	0.87	0.26	-0.01	-0.84	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	0.8	0.57	0.92	-0.45	4.02		

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-06-17 #4

Analysis Date: 05-31-06

Analyzed By: JF

Easting (ft):

931,611

Northing (ft):

1,074,189

Coordinate System:

Florida State Plane East

Elevation (ft):

-51.9 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-4/1

Dry - 2.5Y-5/2

Washed - 2.5Y-6/1

Comments:

Dry Weight (g):

85.27

Wash Weight (g):

84.24

Pan Retained (g):

0.02

Sieve Loss (%):

0.04

Fines (%):

#200 - 1.32
#230 - 1.27

Organics (%):

Carbonates (%):

Shell Hash (%):

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	0.22	0.26	0.22	0.26
5/16"	-3.00	8.00	0.07	0.08	0.29	0.34
3.5	-2.50	5.66	0.10	0.12	0.39	0.46
4	-2.25	4.76	0.00	0.00	0.39	0.46
5	-2.00	4.00	0.00	0.00	0.39	0.46
7	-1.50	2.83	0.67	0.79	1.06	1.25
10	-1.00	2.00	0.88	1.03	1.94	2.28
14	-0.50	1.41	2.11	2.47	4.05	4.75
18	0.00	1.00	3.12	3.66	7.17	8.41
25	0.50	0.71	7.06	8.28	14.23	16.69
35	1.00	0.50	13.96	16.37	28.19	33.06
45	1.50	0.35	21.79	25.55	49.98	58.61
60	2.00	0.25	22.85	26.80	72.83	85.41
80	2.50	0.18	8.12	9.52	80.95	94.93
120	3.00	0.13	2.55	2.99	83.50	97.92
170	3.50	0.09	0.58	0.68	84.08	98.60
200	3.75	0.07	0.07	0.08	84.15	98.68
230	4.00	0.06	0.04	0.05	84.19	98.73

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.51

1.97

1.81

1.33

0.75

0.46

-0.47

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.2

0.44

0.9

-1.17

6.45

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-06-17 #5

Analysis Date: 05-31-06

Analyzed By: JF

Easting (ft):

931,611

Northing (ft):

1,074,189

Coordinate System:

Florida State Plane East

Elevation (ft):

-53.4 NAVD 88

USCS:

SW

Munsell:

Wet - N-4/0

Dry - N-5/0

Washed - N-5/0

Comments:

Dry Weight (g):

85.66

Wash Weight (g):

84.38

Pan Retained (g):

0.02

Sieve Loss (%):

0.08

Fines (%):

#200 - 1.79

#230 - 1.59

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	0.28	0.33	0.28	0.33
4	-2.25	4.76	0.13	0.15	0.41	0.48
5	-2.00	4.00	0.30	0.35	0.71	0.83
7	-1.50	2.83	0.88	1.03	1.59	1.86
10	-1.00	2.00	1.41	1.65	3.00	3.51
14	-0.50	1.41	2.41	2.81	5.41	6.32
18	0.00	1.00	3.59	4.19	9.00	10.51
25	0.50	0.71	6.35	7.41	15.35	17.92
35	1.00	0.50	11.75	13.72	27.10	31.64
45	1.50	0.35	17.27	20.16	44.37	51.80
60	2.00	0.25	21.11	24.64	65.48	76.44
80	2.50	0.18	12.22	14.27	77.70	90.71
120	3.00	0.13	4.89	5.71	82.59	96.42
170	3.50	0.09	1.20	1.40	83.79	97.82
200	3.75	0.07	0.33	0.39	84.12	98.21
230	4.00	0.06	0.17	0.20	84.29	98.41

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.88

2.26

1.97

1.46

0.76

0.37

-0.73

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.28


0.41

1.03

-0.87

4.29

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-06-17 #6							
Analysis Date: 06-12-06							
Analyzed By: JF							
Easting (ft):		Northing (ft):		Coordinate System:		Elevation (ft):	
931,611		1,074,189		Florida State Plane East		-55.7 NAVD 88	
USCS:		Munsell:		Comments:			
SW		Wet - N-4/0 Dry - N-5/0 Washed - N-5/0					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%):	Organics (%):	Carbonates (%):	Shell Hash (%):
85.38	82.78	0.13	0.05	#200 - 3.84 #230 - 3.24			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	0.15	0.18	0.15	0.18	
4	-2.25	4.76	0.30	0.35	0.45	0.53	
5	-2.00	4.00	0.32	0.37	0.77	0.90	
7	-1.50	2.83	1.16	1.36	1.93	2.26	
10	-1.00	2.00	0.90	1.05	2.83	3.31	
14	-0.50	1.41	1.28	1.50	4.11	4.81	
18	0.00	1.00	1.42	1.66	5.53	6.47	
25	0.50	0.71	2.49	2.92	8.02	9.39	
35	1.00	0.50	4.80	5.62	12.82	15.01	
45	1.50	0.35	8.06	9.44	20.88	24.45	
60	2.00	0.25	14.98	17.55	35.86	42.00	
80	2.50	0.18	25.05	29.34	60.91	71.34	
120	3.00	0.13	14.62	17.12	75.53	88.46	
170	3.50	0.09	5.36	6.28	80.89	94.74	
200	3.75	0.07	1.21	1.42	82.10	96.16	
230	4.00	0.06	0.51	0.60	82.61	96.76	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
3.55	2.87	2.61	2.14	1.52	1.05	-0.44	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.87	0.27	1.1	-1.47	5.79		

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-06-17 #7

Analysis Date: 06-12-06

Analyzed By: JF

Easting (ft):

931,611

Northing (ft):

1,074,189

Coordinate System:

Florida State Plane East

Elevation (ft):

-56.5 NAVD 88

USCS:

SW-SM

Munsell:

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

Comments:

Dry Weight (g):

85.15

Wash Weight (g):

79.13

Pan Retained (g):

0.11

Sieve Loss (%):

0.08

Fines (%):

#200 - 9.24
#230 - 7.30

Organics (%):

Carbonates (%):

Shell Hash (%):

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	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	0.38	0.45	0.38	0.45
4	-2.25	4.76	0.20	0.23	0.58	0.68
5	-2.00	4.00	0.11	0.13	0.69	0.81
7	-1.50	2.83	0.56	0.66	1.25	1.47
10	-1.00	2.00	1.15	1.35	2.40	2.82
14	-0.50	1.41	1.50	1.76	3.90	4.58
18	0.00	1.00	1.73	2.03	5.63	6.61
25	0.50	0.71	2.54	2.98	8.17	9.59
35	1.00	0.50	3.12	3.66	11.29	13.25
45	1.50	0.35	3.52	4.13	14.81	17.38
60	2.00	0.25	5.13	6.02	19.94	23.40
80	2.50	0.18	17.23	20.23	37.17	43.63
120	3.00	0.13	22.64	26.59	59.81	70.22
170	3.50	0.09	13.24	15.55	73.05	85.77
200	3.75	0.07	4.25	4.99	77.30	90.76
230	4.00	0.06	1.65	1.94	78.95	92.70

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.44

3.15

2.62

2.04

1.33

-0.40

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.24

0.21

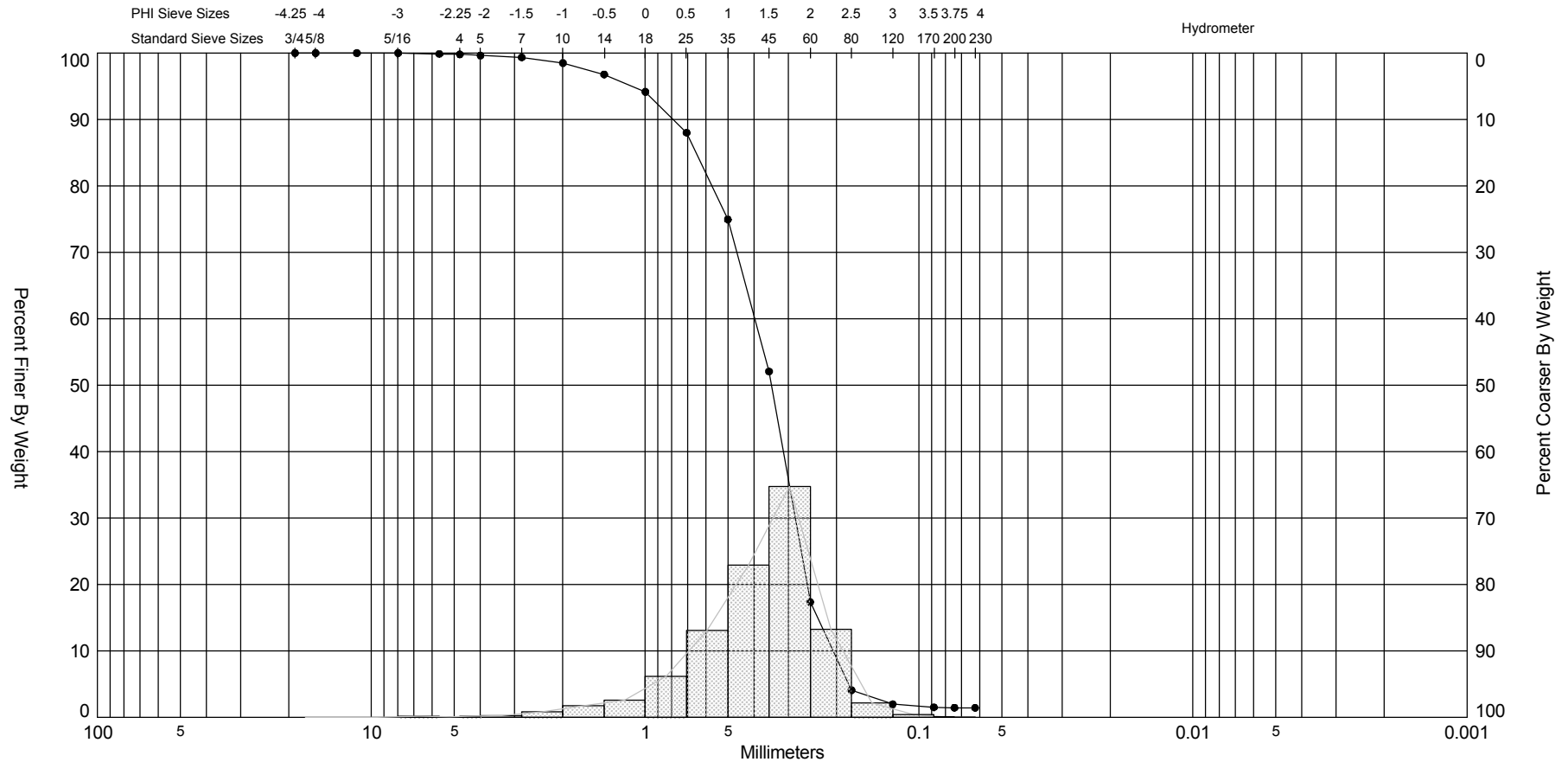
1.21

-1.59


5.6

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

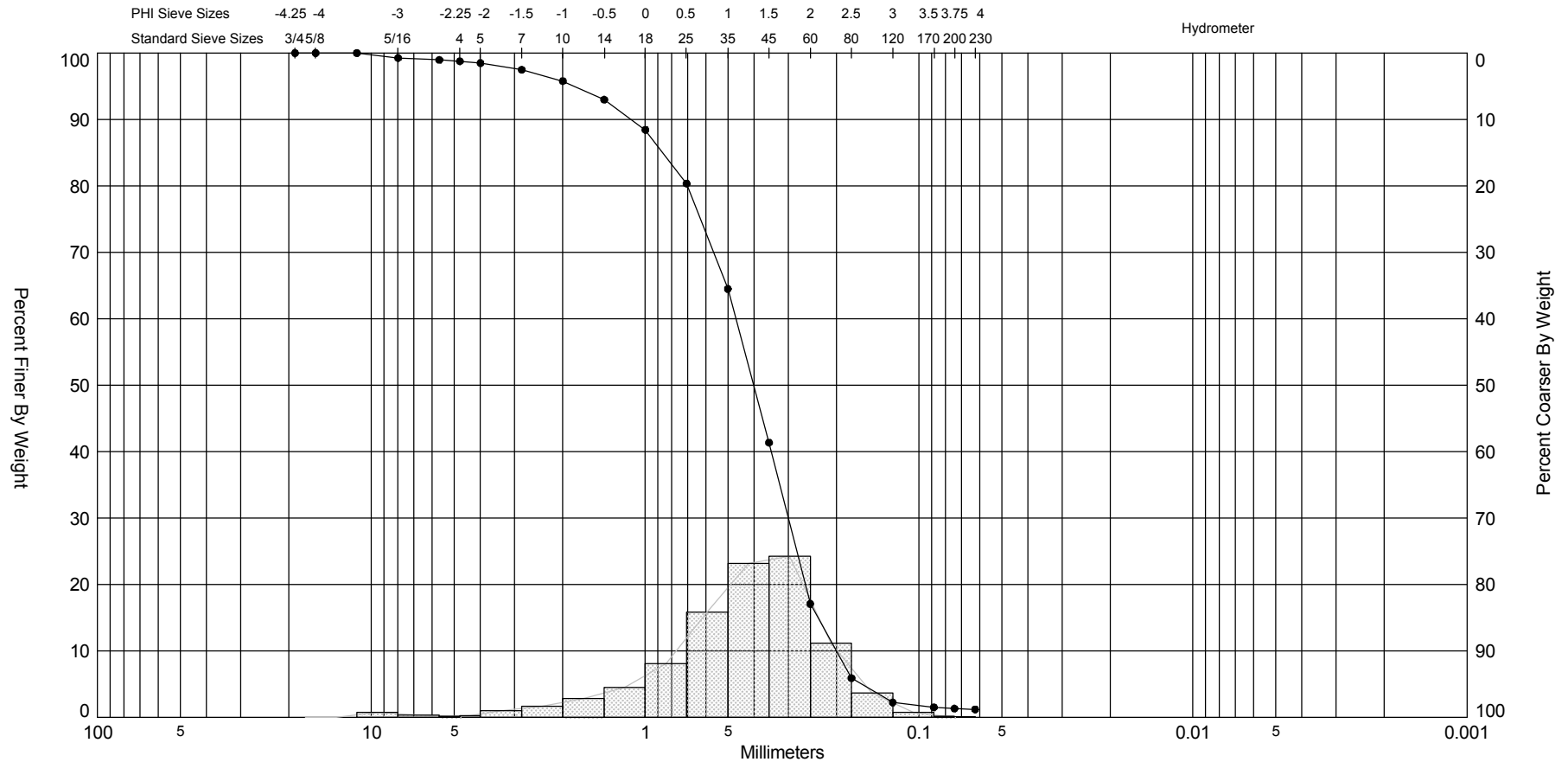
SIEVE ANALYSIS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06




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-06-17 #1	—●—	-43.9	SP	#200 - 1.45 #230 - 1.43			1.53	1.36	-1.2	5.71	0.8	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-12-06
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):	931,611
												Northing (Y, ft):	1,074,189
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

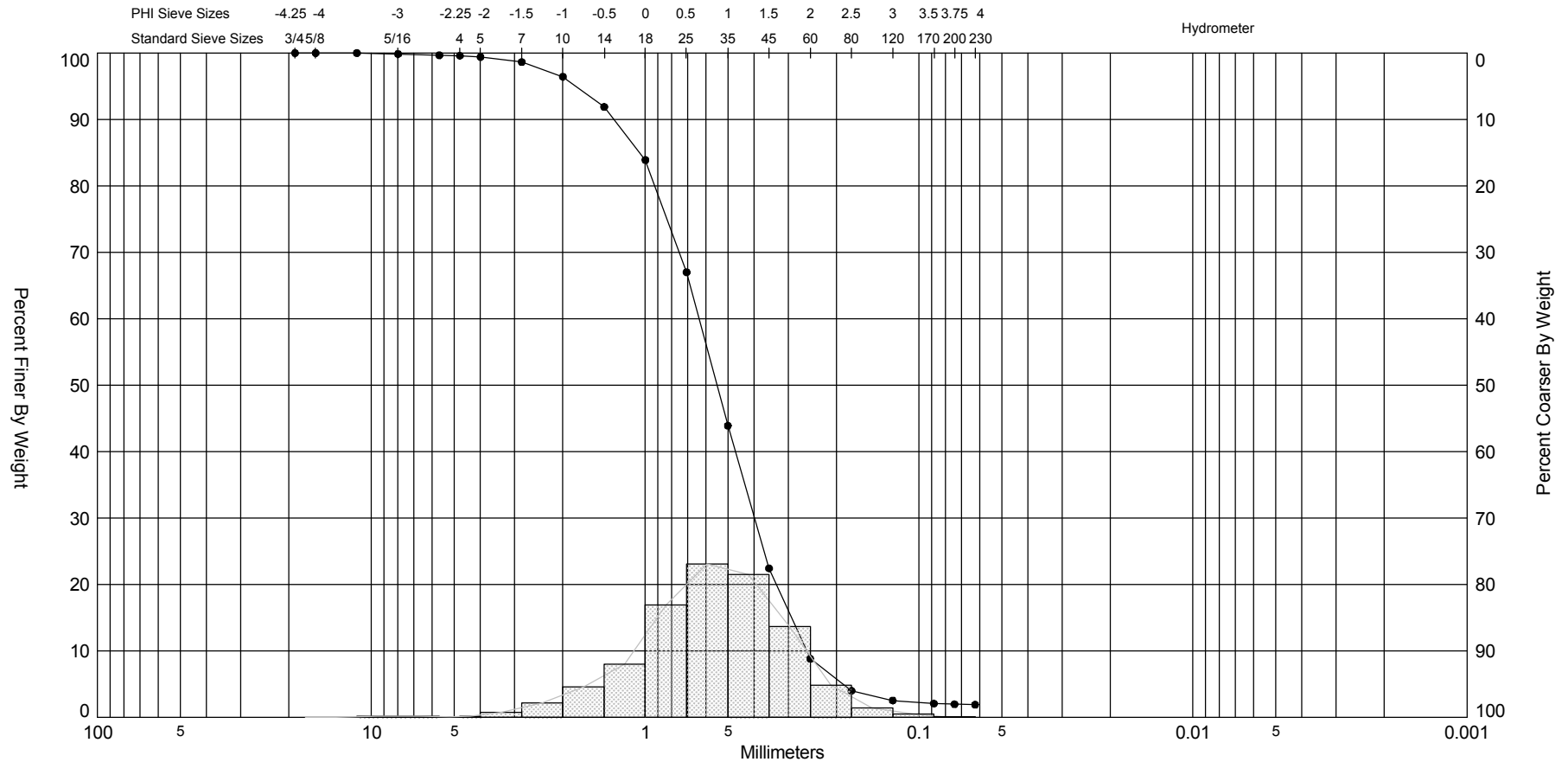
SIEVE ANALYSIS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06




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-06-17 #2	—●—	-47.9	SW	#200 - 1.32 #230 - 1.20			1.31	1.14	-1.2	5.63	1.04	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	05-31-06
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):	931,611
												Northing (Y, ft):	1,074,189
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

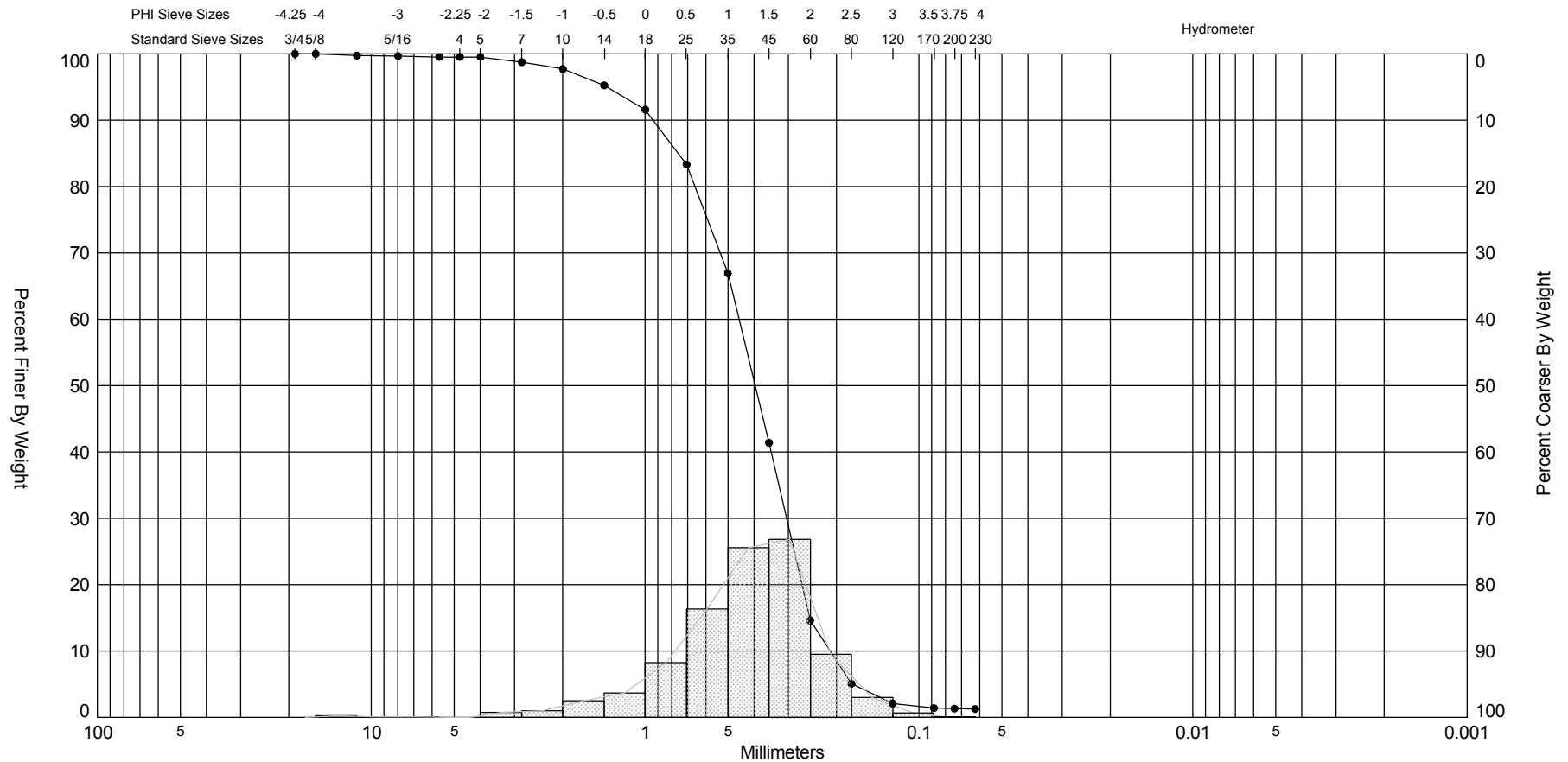
SIEVE ANALYSIS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06




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-06-17 #3	—●—	-50.4	SW	#200 - 1.96 #230 - 1.89			0.87	0.8	-0.45	4.02	0.92	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-12-06
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):	931,611
												Northing (Y, ft):	1,074,189
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

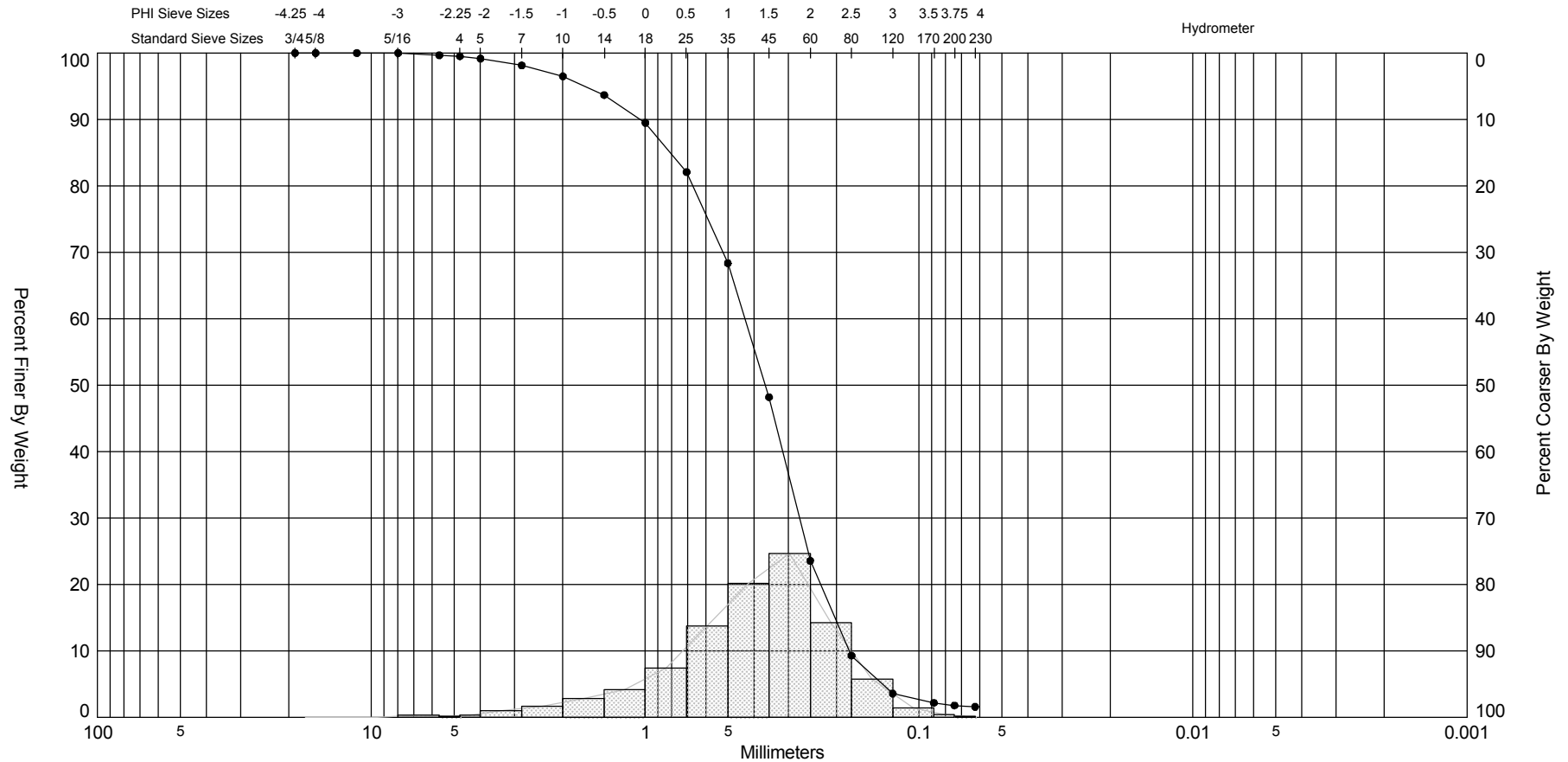
SIEVE ANALYSIS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06




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-06-17 #4	—●—	-51.9	SW	#200 - 1.32 #230 - 1.27			1.33	1.2	-1.17	6.45	0.9	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	05-31-06
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):	931,611
												Northing (Y, ft):	1,074,189
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

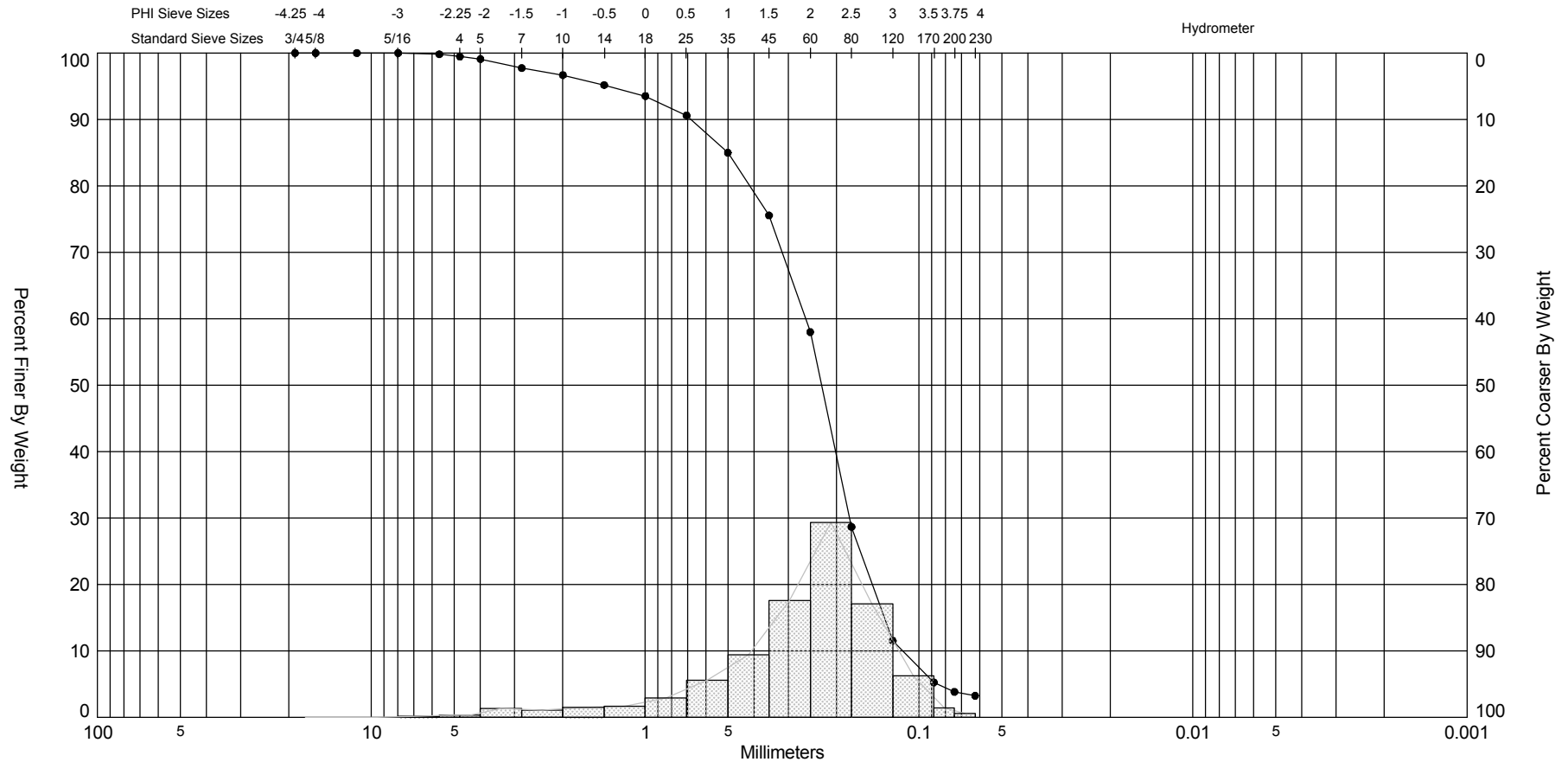
SIEVE ANALYSIS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06




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-06-17 #5	—●—	-53.4	SW	#200 - 1.79 #230 - 1.59			1.46	1.28	-0.87	4.29	1.03	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	05-31-06
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):	931,611
												Northing (Y, ft):	1,074,189
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88

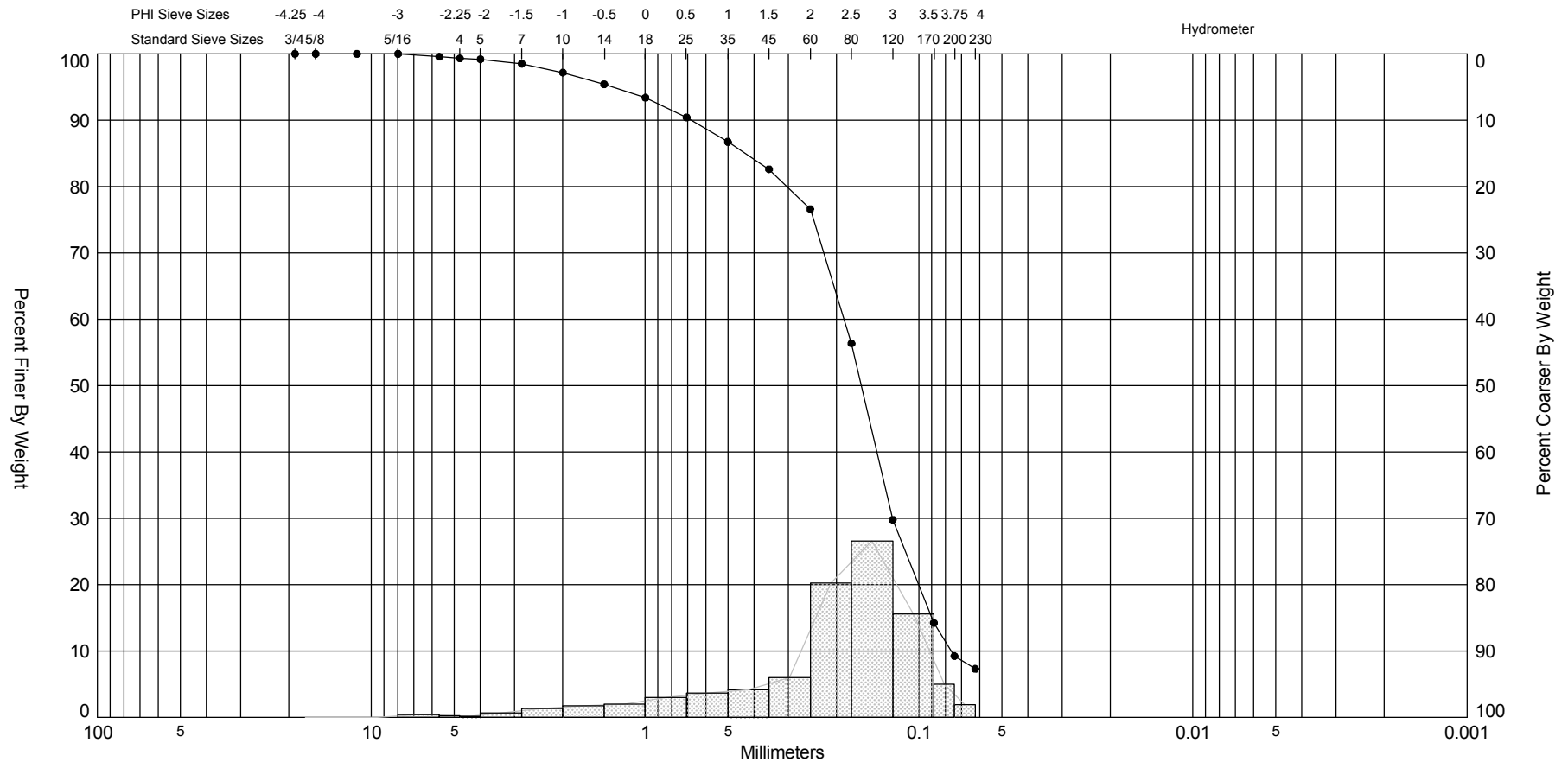
SIEVE ANALYSIS ST LUCIE VC.GPJ FL DEP ROSS.GDT 6/28/06




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-06-17 #6	—●—	-55.7	SW	#200 - 3.84 #230 - 3.24			2.14	1.87	-1.47	5.79	1.1	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-12-06
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):	931,611
												Northing (Y, ft):	1,074,189
												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-06-17 #7	—●—	-56.5	SW-SM	#200 - 9.24 #230 - 7.30			2.62	2.24	-1.59	5.6	1.21	Project Name:	St. Lucie Vibracores
Comments:												Analysis Date:	06-12-06
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):	931,611
												Northing (Y, ft):	1,074,189
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88