

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
2481 NW Boca Raton Blvd, Boca Raton
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ph (561) 391-8102
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Project Name: Reach 8 Beach Samples

Sample Name: R-125 Mid Berm

Analysis Date: 03-14-07

Analyzed By: AU

Easting (ft):

970,853

Northing (ft):

833,332

Coordinate System:

Florida State Plane East

Elevation (ft):

12.0 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-5/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

107.16

Wash Weight (g):

105.28

Pan Retained (g):

0.12

Sieve Loss (%):

0.07

Fines (%):

#200 - 2.19

#230 - 1.95

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

4.45

4.15

4.45

4.15

7/16

-3.50

11.31

1.84

1.72

6.29

5.87

5/16

-3.00

8.00

0.69

0.64

6.98

6.51

3.5

-2.50

5.66

1.92

1.79

8.90

8.30

4

-2.25

4.76

0.80

0.75

9.70

9.05

5

-2.00

4.00

0.68

0.63

10.38

9.68

7

-1.50

2.83

2.35

2.19

12.73

11.87

10

-1.00

2.00

2.89

2.70

15.62

14.57

14

-0.50

1.41

6.45

6.02

22.07

20.59

18

0.00

1.00

8.75

8.17

30.82

28.76

25

0.50

0.71

13.19

12.31

44.01

41.07

35

1.00

0.50

12.66

11.81

56.67

52.88

45

1.50

0.35

7.83

7.31

64.50

60.19

60

2.00

0.25

3.90

3.64

68.40

63.83

80

2.50

0.18

5.36

5.00

73.76

68.83

120

3.00

0.13

19.00

17.73

92.76

86.56

170

3.50

0.09

11.50

10.73

104.26

97.29

200

3.75

0.07

0.56

0.52

104.82

97.81

230

4.00

0.06

0.26

0.24

105.08

98.05

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.39

2.93

2.67

0.88

-0.23

-0.88

-3.75

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.79

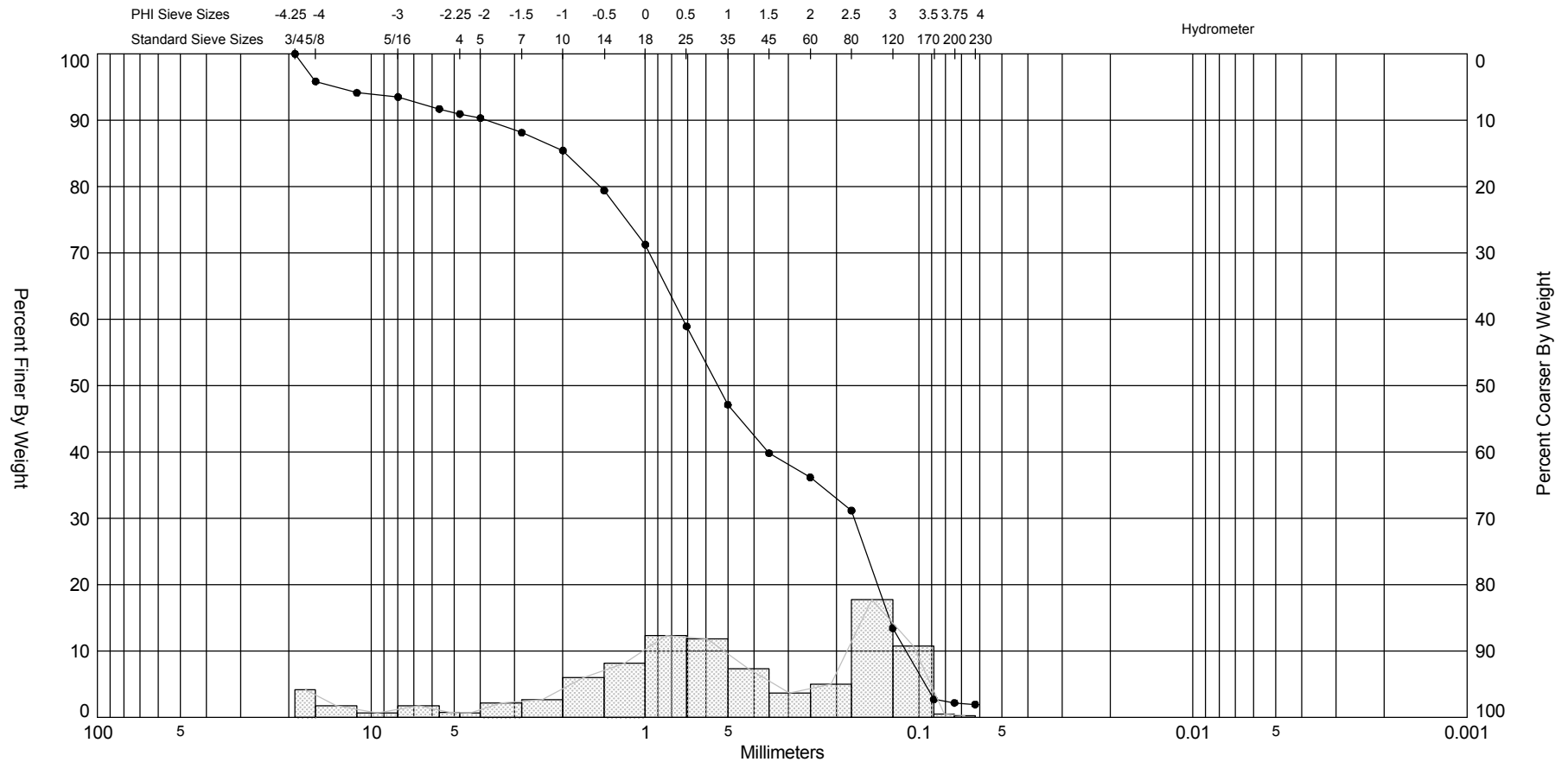
0.58

1.99


-0.75

3.02

GRANULARMETRIC REPORT REACH 8 BEACH 2007.GPJ FL DEP ROSS GDT 4/20/07



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	
R-125 Mid Berm	—●—	12.0	SW	#200 - 2.19 #230 - 1.95			0.88	0.79	-0.75	3.02	1.99	Project Name:	Reach 8 Beach Samples
Comments:												Analysis Date:	03-14-07
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):	970,853
												Northing (Y, ft):	833,332
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88