

# Granularmetric Report

Depths and elevations based on measured values



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Project Name: Reach 8 Beach Samples

Sample Name: R-128 (-4FT)

Analysis Date: 03-14-07

Analyzed By: MC

Easting (ft):

971,141

Northing (ft):

830,118

Coordinate System:

Florida State Plane East

Elevation (ft):

-4.0 NAVD 88

USCS:

SP

Munsell:

Wet - 2.5Y-5/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

92.87

Wash Weight (g):

91.54

Pan Retained (g):

0.01

Sieve Loss (%):

0.03

Fines (%):

#200 - 1.51

#230 - 1.47

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

0.00

0.00

0.00

0.00

7

-1.50

2.83

0.00

0.00

0.00

0.00

10

-1.00

2.00

1.26

1.36

1.26

1.36

14

-0.50

1.41

0.28

0.30

1.54

1.66

18

0.00

1.00

0.40

0.43

1.94

2.09

25

0.50

0.71

0.85

0.92

2.79

3.01

35

1.00

0.50

2.11

2.27

4.90

5.28

45

1.50

0.35

5.42

5.84

10.32

11.12

60

2.00

0.25

10.72

11.54

21.04

22.66

80

2.50

0.18

16.94

18.24

37.98

40.90

120

3.00

0.13

40.73

43.86

78.71

84.76

170

3.50

0.09

12.58

13.55

91.29

98.31

200

3.75

0.07

0.17

0.18

91.46

98.49

230

4.00

0.06

0.04

0.04

91.50

98.53

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.38

2.99

2.89

2.60

2.06

1.71

0.94

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.37

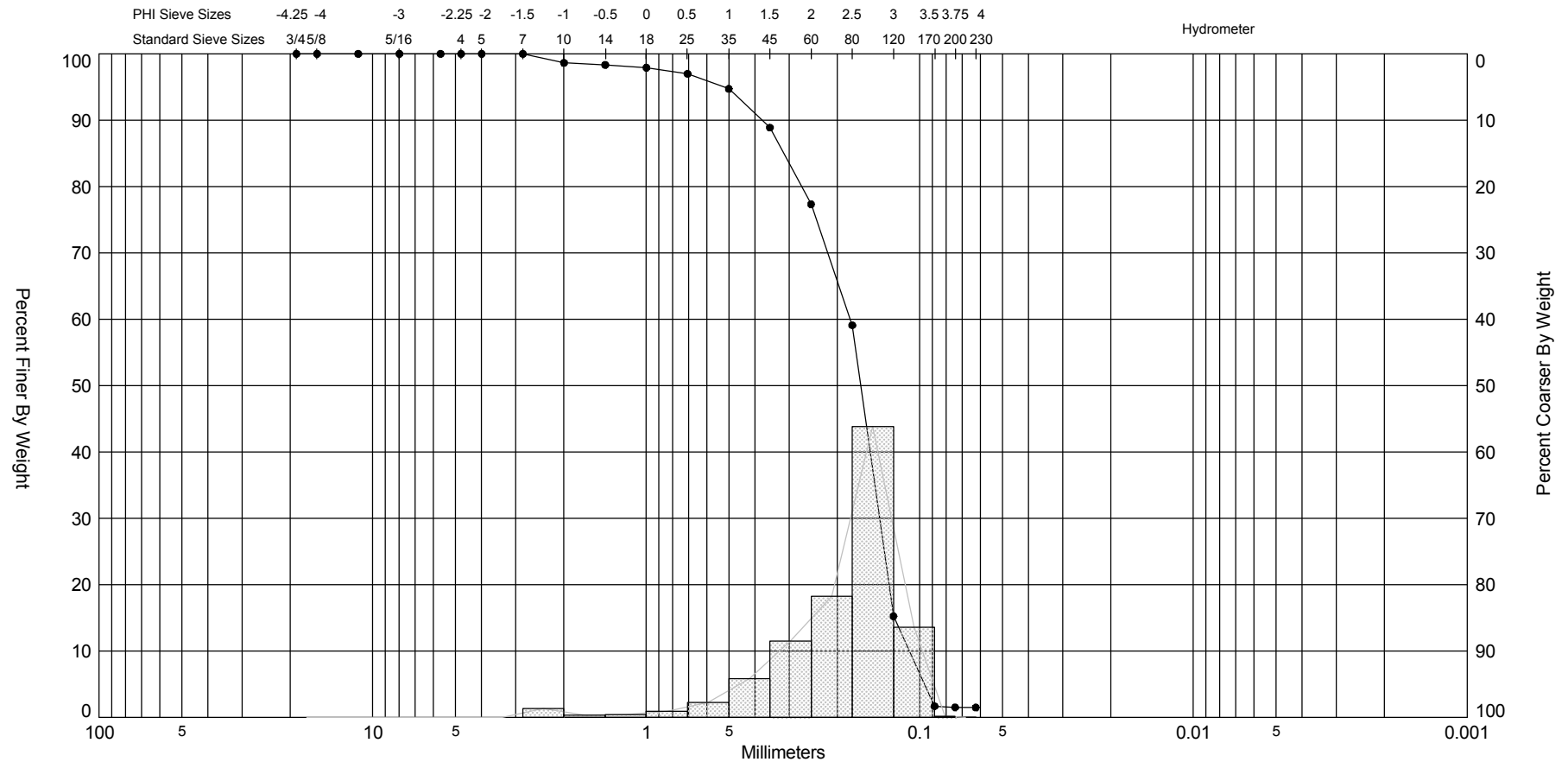
0.19

0.8


-1.97

8.4

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-128 (-4FT)  | —●—    | -4.0       | SP   | #200 - 1.51<br>#230 - 1.47 |            |  | 2.6    | 2.37 | -1.97 | 8.4  | 0.8  | Project Name:      | Reach 8 Beach Samples |
| Comments:   |        |            |      |                            |            |  |        |      |       |      |      | Analysis Date:     | 03-14-07              |
| Depths and elevations based on measured values                                      |        |            |      |                            |            |  |        |      |       |      |      | Analyzed By:       | MC                    |
|  |        |            |      |                            |            | Coastal Planning & Engineering<br>2481 NW Boca Raton Blvd, Boca Raton<br>FL 33431<br>ph (561) 391-8102<br>fax (561) 391-9116 |        |      |       |      |      | Easting (X, ft):   | 971,141               |
|   |        |            |      |                            |            |  |        |      |       |      |      | Northing (Y, ft):  | 830,118               |
|   |        |            |      |                            |            |  |        |      |       |      |      | Horizontal System: | NAD 1983              |
|   |        |            |      |                            |            |  |        |      |       |      |      | Vertical System:   | NAVD 88               |