

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
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Project Name: TOPB Beach Composites

Sample Name: TROUGH COMP

Analysis Date: 03-19-07

Analyzed By: JF

Easting (ft):

Northing (ft):

Coordinate System:

Elevation (ft):

USCS:

SW

Munsell:

Comments:

Dry Weight (g):

100.00

Wash Weight (g):

100.00

Pan Retained (g):

1.32

Sieve Loss (%):

0.11

Fines (%):

#200 - 1.44
#230 - 1.43

Organics (%):

Carbonates (%):

Shell Hash (%):

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

0.07

0.07

0.07

0.07

7

-1.50

2.83

0.60

0.60

0.67

0.67

10

-1.00

2.00

0.97

0.97

1.64

1.64

14

-0.50

1.41

2.38

2.38

4.02

4.02

18

0.00

1.00

3.71

3.71

7.73

7.73

25

0.50

0.71

6.67

6.67

14.40

14.40

35

1.00

0.50

14.69

14.69

29.09

29.09

45

1.50

0.35

26.61

26.61

55.70

55.70

60

2.00

0.25

26.53

26.53

82.23

82.23

80

2.50

0.18

10.20

10.20

92.43

92.43

120

3.00

0.13

5.05

5.05

97.48

97.48

170

3.50

0.09

1.07

1.07

98.55

98.55

200

3.75

0.07

0.01

0.01

98.56

98.56

230

4.00

0.06

0.01

0.01

98.57

98.57

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.75

2.09

1.86

1.39

0.86

0.55

-0.37

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.29

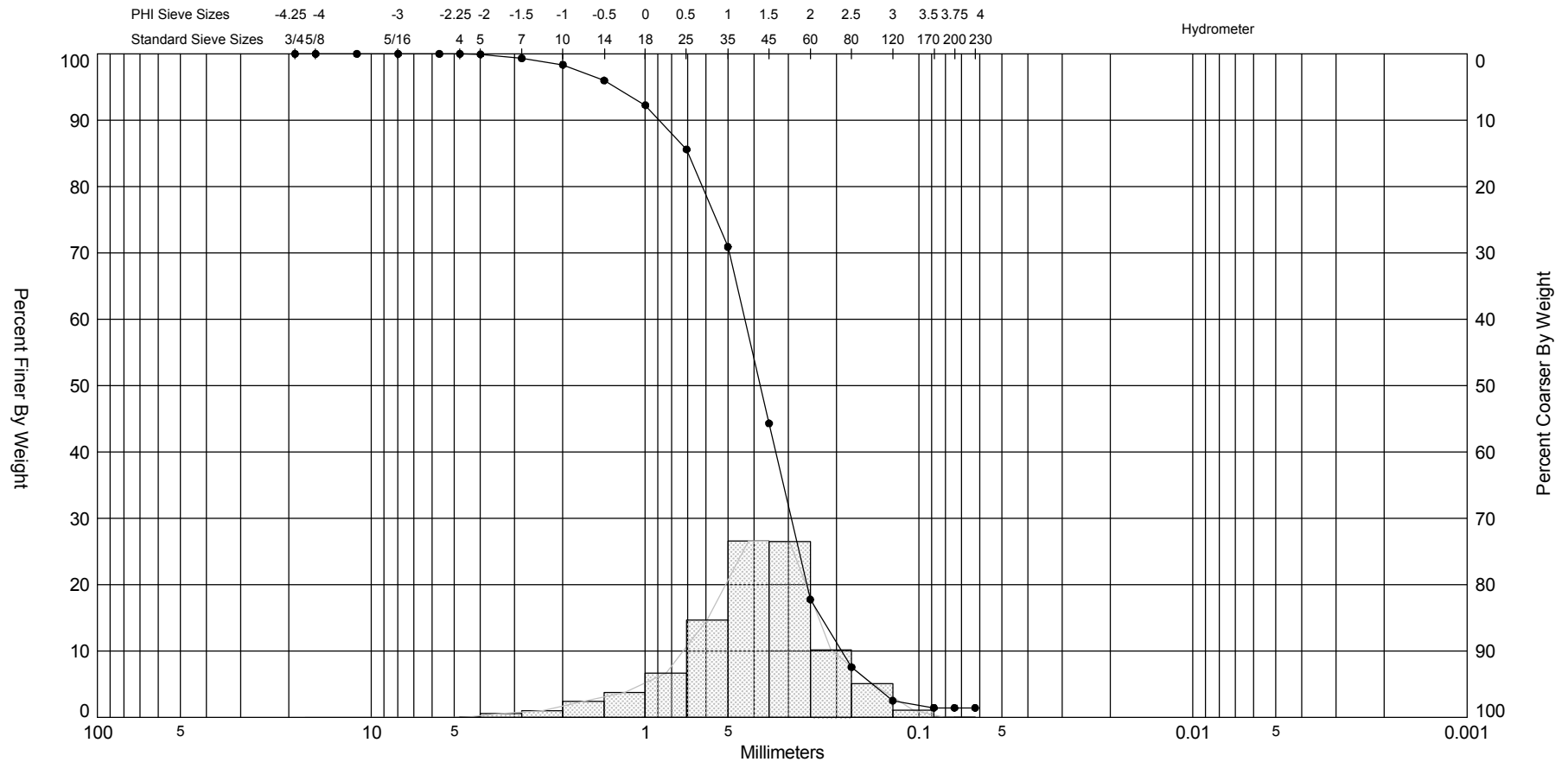
0.41

0.86


-0.71

4.13

GRANULARMETRIC REPORT REACH 8 - 2007 BEACH COMPOSITES.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	
TROUGH COMP	—●—		SW	#200 - 1.44 #230 - 1.43			1.39	1.29	-0.71	4.13	0.86	Project Name:	TOPB Beach Composites
Comments:												Analysis Date:	03-19-07
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):	
												Northing (Y, ft):	
												Horizontal System:	
												Vertical System:	