

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: 2007 Sand Search Investigation

Sample Name: TPVC-07-07 #2

Analysis Date: 01-18-07

Analyzed By: mc

Easting (ft):

972,696

Northing (ft):

827,310

Coordinate System:

Florida State Plane East

Elevation (ft):

-26.9 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-5/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

89.14

Wash Weight (g):

88.14

Pan Retained (g):

0.01

Sieve Loss (%):

0.06

Fines (%):

#200 - 1.22

#230 - 1.19

Organics (%):

Carbonates (%):

40.00

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

0.16

0.18

0.16

0.18

3.5

-2.50

5.66

0.00

0.00

0.16

0.18

4

-2.25

4.76

0.13

0.15

0.29

0.33

5

-2.00

4.00

0.00

0.00

0.29

0.33

7

-1.50

2.83

0.45

0.50

0.74

0.83

10

-1.00

2.00

0.97

1.09

1.71

1.92

14

-0.50

1.41

2.26

2.54

3.97

4.46

18

0.00

1.00

3.14

3.52

7.11

7.98

25

0.50

0.71

5.80

6.51

12.91

14.49

35

1.00

0.50

9.38

10.52

22.29

25.01

45

1.50

0.35

11.25

12.62

33.54

37.63

60

2.00

0.25

10.41

11.68

43.95

49.31

80

2.50

0.18

12.12

13.60

56.07

62.91

120

3.00

0.13

21.11

23.68

77.18

86.59

170

3.50

0.09

10.42

11.69

87.60

98.28

200

3.75

0.07

0.45

0.50

88.05

98.78

230

4.00

0.06

0.03

0.03

88.08

98.81

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.36

2.95

2.76

2.03

1.00

0.57

-0.42

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.78

0.29

1.18

-0.8

3.3

GRANULARMETRIC REPORT TOPB_VC_07.GPJ FL DEP ROSS.GDT 5/10/07

SIEVE ANALYSIS TOPB_VC_07.GPJ FL DEP ROSS.GDT 5/10/07

