

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
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Project Name: 2007 Sand Search Investigation

Sample Name: TPVC-07-06 #4

Analysis Date: 01-18-07

Analyzed By: mc

Easting (ft):

972,877

Northing (ft):

835,184

Coordinate System:

Florida State Plane East

Elevation (ft):

-40.4 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-5/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

94.04

Wash Weight (g):

93.35

Pan Retained (g):

0.02

Sieve Loss (%):

0.02

Fines (%):

#200 - 0.77
#230 - 0.76

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

0.24

0.26

0.24

0.26

3.5

-2.50

5.66

1.00

1.06

1.24

1.32

4

-2.25

4.76

0.32

0.34

1.56

1.66

5

-2.00

4.00

0.40

0.43

1.96

2.09

7

-1.50

2.83

1.20

1.28

3.16

3.37

10

-1.00

2.00

1.99

2.12

5.15

5.49

14

-0.50

1.41

3.83

4.07

8.98

9.56

18

0.00

1.00

5.42

5.76

14.40

15.32

25

0.50

0.71

10.62

11.29

25.02

26.61

35

1.00

0.50

15.59

16.58

40.61

43.19

45

1.50

0.35

13.81

14.69

54.42

57.88

60

2.00

0.25

10.62

11.29

65.04

69.17

80

2.50

0.18

9.24

9.83

74.28

79.00

120

3.00

0.13

13.05

13.88

87.33

92.88

170

3.50

0.09

5.88

6.25

93.21

99.13

200

3.75

0.07

0.09

0.10

93.30

99.23

230

4.00

0.06

0.01

0.01

93.31

99.24

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.17

2.68

2.30

1.23

0.43

0.03

-1.12

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.2

0.44

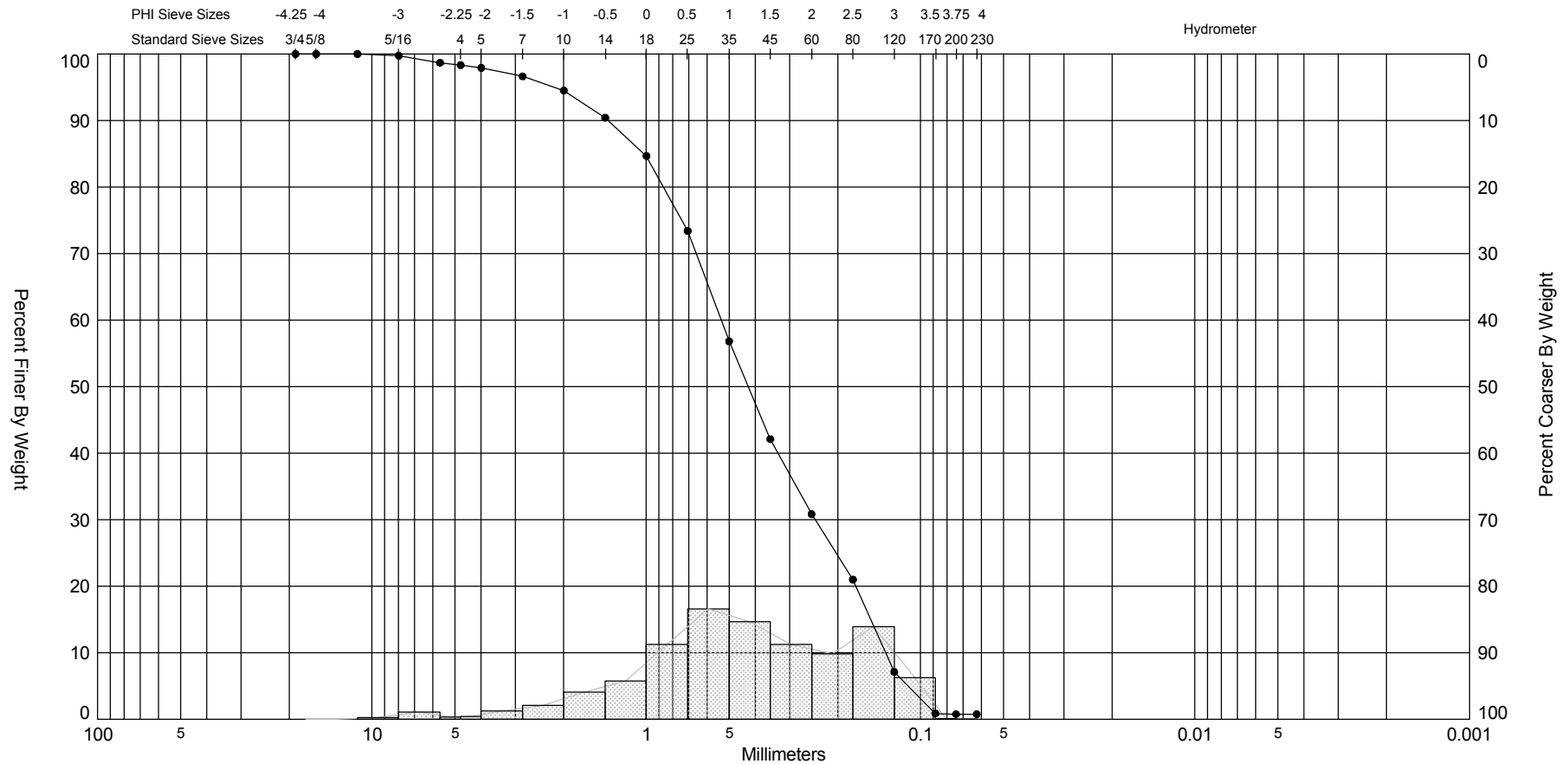
1.31

-0.56


3.23

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



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	
TPVC-07-06 #4	—●—	-40.4	SW	#200 - 0.77 #230 - 0.76			1.23	1.2	-0.56	3.23	1.31	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	01-18-07
Depths and elevations based on measured values												Analyzed By:	mc
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	972,877
												Northing (Y, ft):	835,184
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88