

# 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-07-17 #4

Analysis Date: 01-30-07

Analyzed By: mc

Easting (ft):

972,453

Northing (ft):

828,499

Coordinate System:

Florida State Plane East

Elevation (ft):

-29.7 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/2

Dry - 2.5Y-6/2

Washed - 2.5Y-6/1

Comments:

Dry Weight (g):

86.69

Wash Weight (g):

85.60

Pan Retained (g):

0.00

Sieve Loss (%):

0.01

Fines (%):

#200 - 1.28

#230 - 1.26

Organics (%):

Carbonates (%):

60.00

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

0.00

0.00

0.00

0.00

3.5

-2.50

5.66

0.62

0.72

0.62

0.72

4

-2.25

4.76

0.05

0.06

0.67

0.78

5

-2.00

4.00

0.39

0.45

1.06

1.23

7

-1.50

2.83

1.28

1.48

2.34

2.71

10

-1.00

2.00

1.36

1.57

3.70

4.28

14

-0.50

1.41

3.20

3.69

6.90

7.97

18

0.00

1.00

4.21

4.86

11.11

12.83

25

0.50

0.71

7.96

9.18

19.07

22.01

35

1.00

0.50

11.28

13.01

30.35

35.02

45

1.50

0.35

9.61

11.09

39.96

46.11

60

2.00

0.25

9.67

11.15

49.63

57.26

80

2.50

0.18

12.44

14.35

62.07

71.61

120

3.00

0.13

17.05

19.67

79.12

91.28

170

3.50

0.09

6.17

7.12

85.29

98.40

200

3.75

0.07

0.28

0.32

85.57

98.72

230

4.00

0.06

0.02

0.02

85.59

98.74

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.26

2.81

2.59

1.67

0.61

0.17

-0.90

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.46

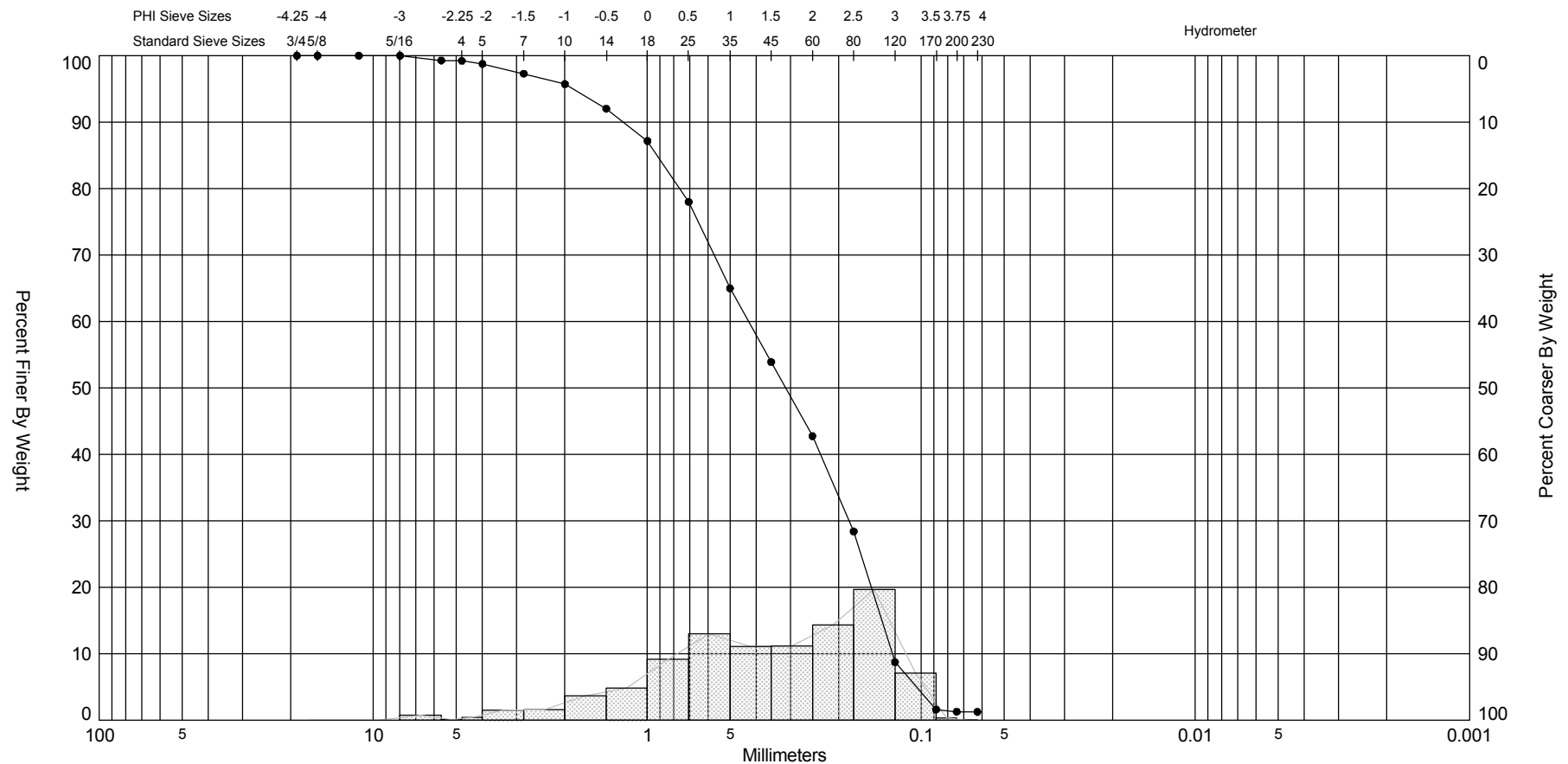
0.36

1.3



-0.7

3.05

GRANULARMETRIC REPORT 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-07-17 #4		-29.7	SW	#200 - 1.28 #230 - 1.26		60.00	1.67	1.46	-0.7	3.05	1.3	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	01-30-07
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):	972,453
												Northing (Y, ft):	828,499
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88