

# 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-07-10 #4

Analysis Date: 01-19-07

Analyzed By: st

Easting (ft):

972,474

Northing (ft):

820,638

Coordinate System:

Florida State Plane East

Elevation (ft):

-31.8 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/2

Dry - 2.5Y-6/2

Washed - 2.5Y-6/2

Comments:

Dry Weight (g):

88.93

Wash Weight (g):

87.91

Pan Retained (g):

0.03

Sieve Loss (%):

0.06

Fines (%):

#200 - 1.29

#230 - 1.25

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

0.92

1.03

0.92

1.03

4

-2.25

4.76

0.00

0.00

0.92

1.03

5

-2.00

4.00

0.64

0.72

1.56

1.75

7

-1.50

2.83

1.52

1.71

3.08

3.46

10

-1.00

2.00

2.65

2.98

5.73

6.44

14

-0.50

1.41

5.18

5.82

10.91

12.26

18

0.00

1.00

5.85

6.58

16.76

18.84

25

0.50

0.71

8.30

9.33

25.06

28.17

35

1.00

0.50

9.29

10.45

34.35

38.62

45

1.50

0.35

8.04

9.04

42.39

47.66

60

2.00

0.25

6.83

7.68

49.22

55.34

80

2.50

0.18

10.09

11.35

59.31

66.69

120

3.00

0.13

21.00

23.61

80.31

90.30

170

3.50

0.09

7.32

8.23

87.63

98.53

200

3.75

0.07

0.16

0.18

87.79

98.71

230

4.00

0.06

0.04

0.04

87.83

98.75

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.29

2.87

2.68

1.65

0.33

-0.22

-1.24

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.38

0.38

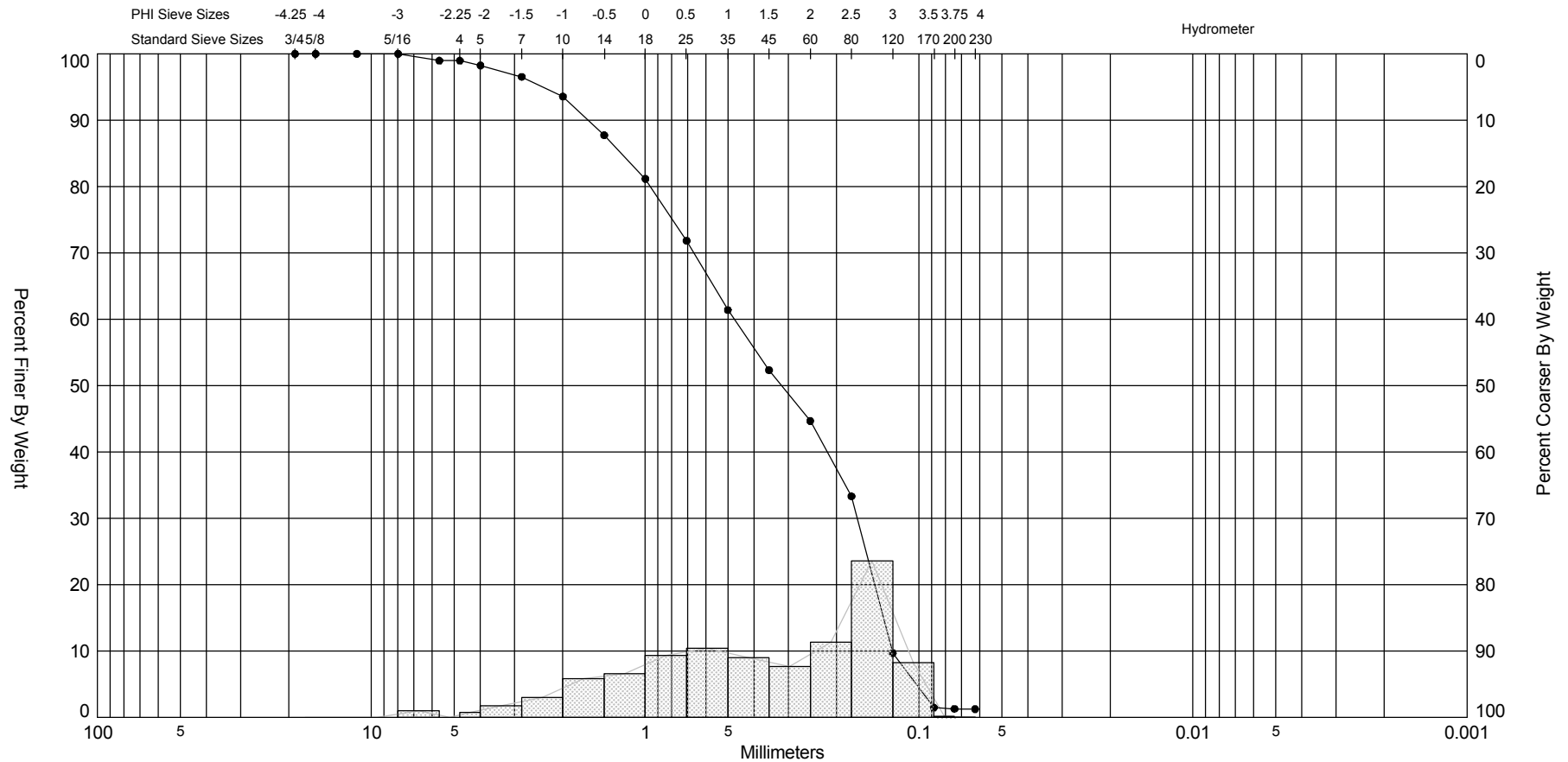
1.45

-0.61


2.5

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-07-10 #4	—●—	-31.8	SW	#200 - 1.29 #230 - 1.25		60.00	1.65	1.38	-0.61	2.5	1.45	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	01-19-07
Depths and elevations based on measured values												Analyzed By:	st
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	972,474
												Northing (Y, ft):	820,638
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88