

# 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-07-16 #5

Analysis Date: 02-01-07

Analyzed By: au

Easting (ft):

972,805

Northing (ft):

827,886

Coordinate System:

Florida State Plane East

Elevation (ft):

-31.1 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/2

Dry - 2.5Y-6/2

Washed - 2.5Y-6/2

Comments:

Dry Weight (g):

80.55

Wash Weight (g):

79.21

Pan Retained (g):

0.01

Sieve Loss (%):

0.05

Fines (%):

#200 - 1.76

#230 - 1.71

Organics (%):

Carbonates (%):

70.00

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

0.23

0.29

0.23

0.29

3.5

-2.50

5.66

0.32

0.40

0.55

0.69

4

-2.25

4.76

0.05

0.06

0.60

0.75

5

-2.00

4.00

0.17

0.21

0.77

0.96

7

-1.50

2.83

0.50

0.62

1.27

1.58

10

-1.00

2.00

0.81

1.01

2.08

2.59

14

-0.50

1.41

1.26

1.56

3.34

4.15

18

0.00

1.00

1.82

2.26

5.16

6.41

25

0.50

0.71

2.92

3.63

8.08

10.04

35

1.00

0.50

4.95

6.15

13.03

16.19

45

1.50

0.35

5.54

6.88

18.57

23.07

60

2.00

0.25

6.68

8.29

25.25

31.36

80

2.50

0.18

11.23

13.94

36.48

45.30

120

3.00

0.13

28.07

34.85

64.55

80.15

170

3.50

0.09

14.29

17.74

78.84

97.89

200

3.75

0.07

0.28

0.35

79.12

98.24

230

4.00

0.06

0.04

0.05

79.16

98.29

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.42

3.11

2.93

2.57

1.62

0.98

-0.31

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

2.12

0.23

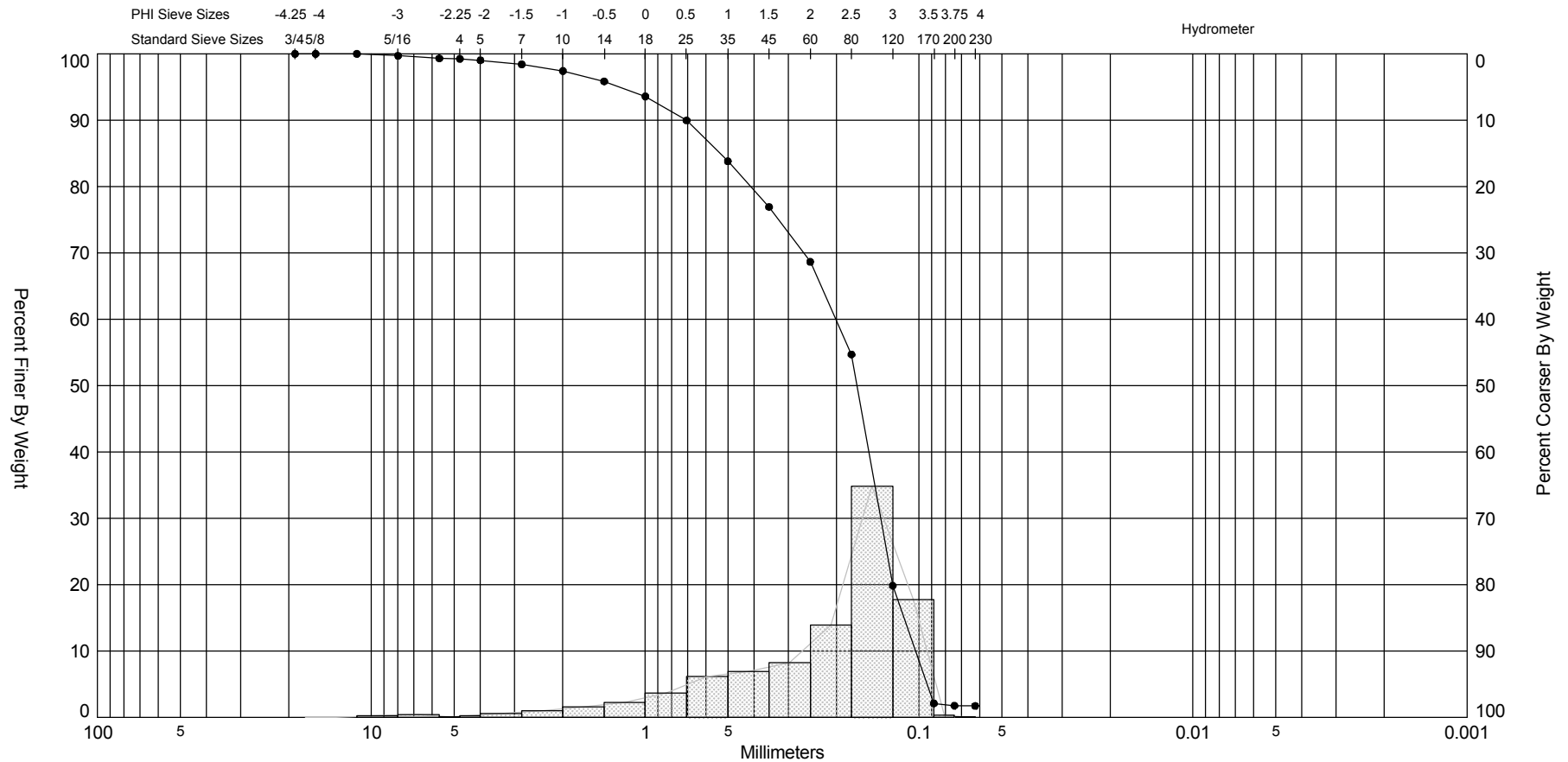
1.18

-1.61


5.78

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-07-16 #5	—●—	-31.1	SW	#200 - 1.76 #230 - 1.71		70.00	2.57	2.12	-1.61	5.78	1.18	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	02-01-07
Depths and elevations based on measured values												Analyzed By:	au
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	972,805
												Northing (Y, ft):	827,886
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88