

# 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 #1

Analysis Date: 01-30-07

Analyzed By: st

Easting (ft):

972,805

Northing (ft):

827,886

Coordinate System:

Florida State Plane East

Elevation (ft):

-27.7 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-5/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

85.56

Wash Weight (g):

84.47

Pan Retained (g):

0.02

Sieve Loss (%):

0.11

Fines (%):

#200 - 1.45

#230 - 1.40

Organics (%):

Carbonates (%):

70.00

Shell Hash (%):

3

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

0.80

0.94

0.80

0.94

3.5

-2.50

5.66

0.59

0.69

1.39

1.63

4

-2.25

4.76

0.26

0.30

1.65

1.93

5

-2.00

4.00

0.42

0.49

2.07

2.42

7

-1.50

2.83

1.93

2.26

4.00

4.68

10

-1.00

2.00

2.56

2.99

6.56

7.67

14

-0.50

1.41

3.67

4.29

10.23

11.96

18

0.00

1.00

4.05

4.73

14.28

16.69

25

0.50

0.71

6.58

7.69

20.86

24.38

35

1.00

0.50

9.96

11.64

30.82

36.02

45

1.50

0.35

9.72

11.36

40.54

47.38

60

2.00

0.25

5.97

6.98

46.51

54.36

80

2.50

0.18

6.36

7.43

52.87

61.79

120

3.00

0.13

16.53

19.32

69.40

81.11

170

3.50

0.09

14.52

16.97

83.92

98.08

200

3.75

0.07

0.40

0.47

84.32

98.55

230

4.00

0.06

0.04

0.05

84.36

98.60

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.41

3.09

2.84

1.69

0.53

-0.07

-1.45

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.47

0.36

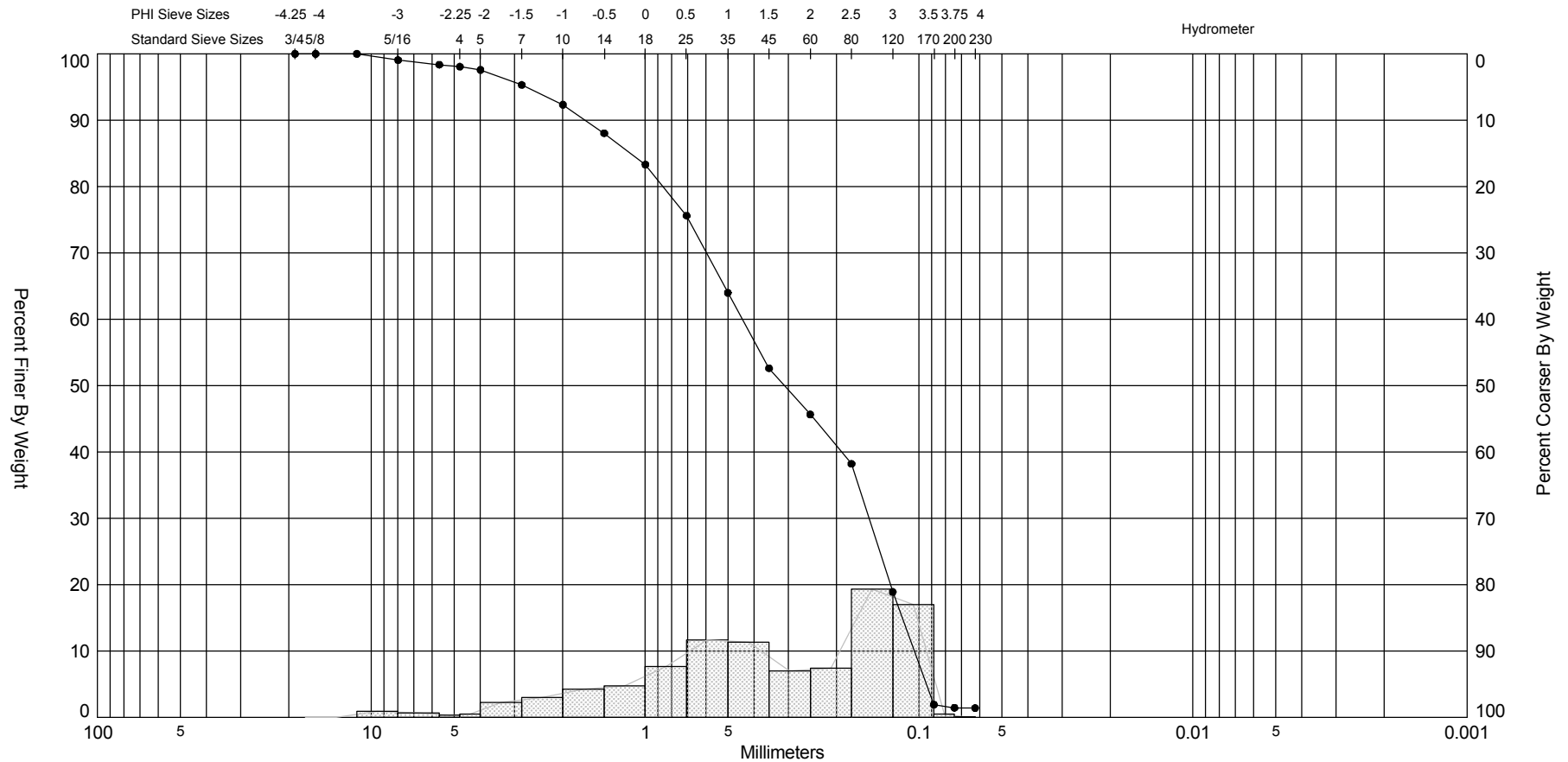
1.55

-0.75


2.92

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 #1	—●—	-27.7	SW	#200 - 1.45 #230 - 1.40		70.00	1.69	1.47	-0.75	2.92	1.55	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	01-30-07
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):	972,805
												Northing (Y, ft):	827,886
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88