

# 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-07-17 #7

Analysis Date: 01-30-07

Analyzed By: mc

Easting (ft):

972,453

Northing (ft):

828,499

Coordinate System:

Florida State Plane East

Elevation (ft):

-36.1 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-5/1

Dry - 2.5Y-5/1

Washed - 2.5Y-5/1

Comments:

Dry Weight (g):

89.28

Wash Weight (g):

88.06

Pan Retained (g):

0.02

Sieve Loss (%):

0.11

Fines (%):

#200 - 1.59  
#230 - 1.50

Organics (%):

Carbonates (%):

60.00

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

1.20

1.34

1.20

1.34

3.5

-2.50

5.66

0.05

0.06

1.25

1.40

4

-2.25

4.76

0.55

0.62

1.80

2.02

5

-2.00

4.00

0.04

0.04

1.84

2.06

7

-1.50

2.83

0.98

1.10

2.82

3.16

10

-1.00

2.00

1.81

2.03

4.63

5.19

14

-0.50

1.41

3.36

3.76

7.99

8.95

18

0.00

1.00

4.79

5.37

12.78

14.32

25

0.50

0.71

9.50

10.64

22.28

24.96

35

1.00

0.50

14.94

16.73

37.22

41.69

45

1.50

0.35

13.31

14.91

50.53

56.60

60

2.00

0.25

9.86

11.04

60.39

67.64

80

2.50

0.18

8.48

9.50

68.87

77.14

120

3.00

0.13

12.57

14.08

81.44

91.22

170

3.50

0.09

6.12

6.85

87.56

98.07

200

3.75

0.07

0.30

0.34

87.86

98.41

230

4.00

0.06

0.08

0.09

87.94

98.50

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.28

2.74

2.39

1.28

0.50

0.08

-1.05

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.24

0.42

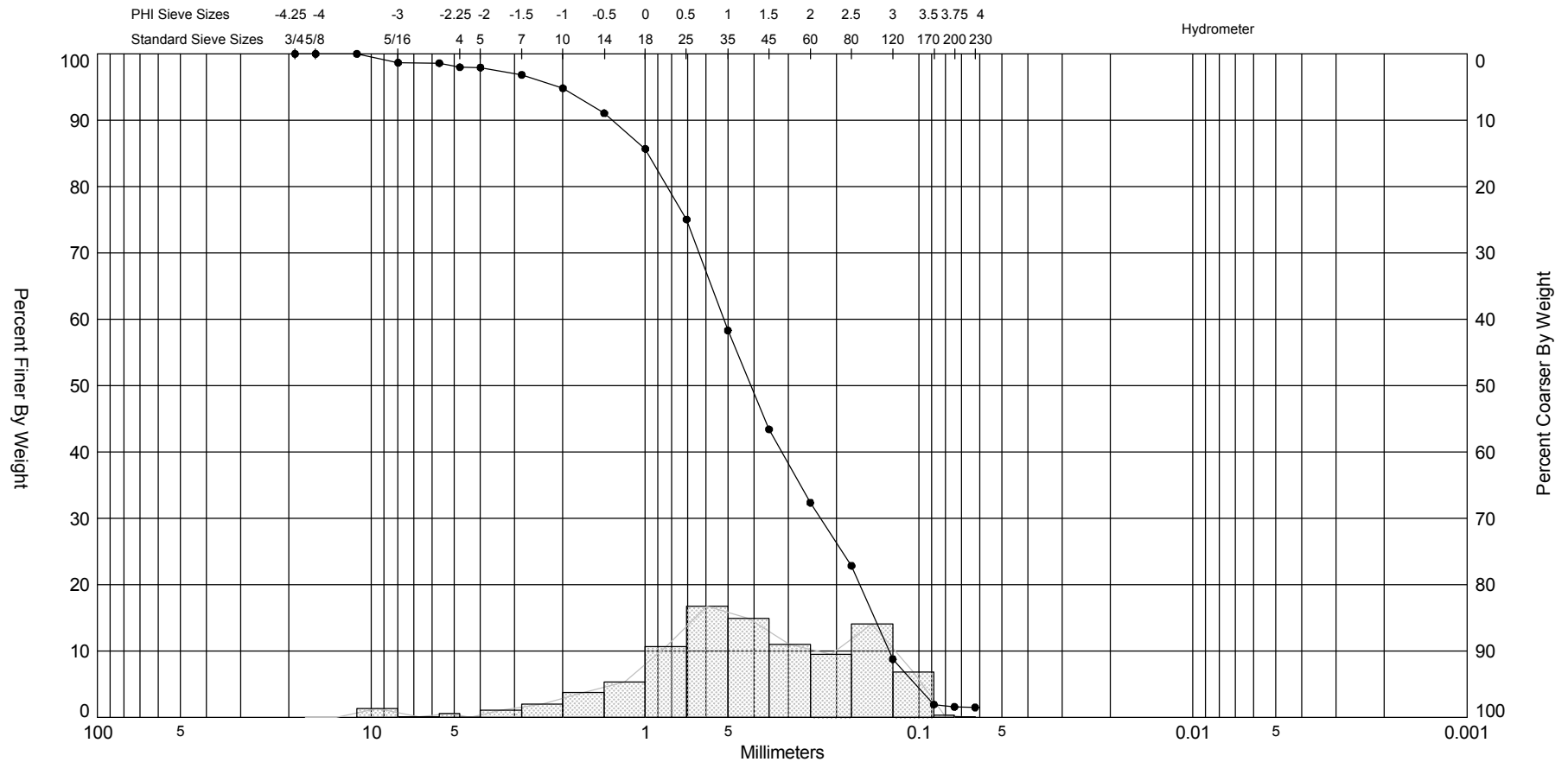
1.33

-0.67


3.68

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-07-17 #7	—●—	-36.1	SW	#200 - 1.59 #230 - 1.50		60.00	1.28	1.24	-0.67	3.68	1.33	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