

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 #6

Analysis Date: 01-30-07

Analyzed By: mc

Easting (ft):

972,453

Northing (ft):

828,499

Coordinate System:

Florida State Plane East

Elevation (ft):

-31.8 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/3

Dry - 2.5Y-6/3

Washed - 2.5Y-6/3

Comments:

Dry Weight (g):

88.70

Wash Weight (g):

87.71

Pan Retained (g):

0.01

Sieve Loss (%):

0.06

Fines (%):

#200 - 1.20

#230 - 1.18

Organics (%):

Carbonates (%):

60.00

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

0.00

0.00

0.00

0.00

3.5

-2.50

5.66

0.13

0.15

0.13

0.15

4

-2.25

4.76

0.23

0.26

0.36

0.41

5

-2.00

4.00

0.64

0.72

1.00

1.13

7

-1.50

2.83

2.08

2.34

3.08

3.47

10

-1.00

2.00

3.98

4.49

7.06

7.96

14

-0.50

1.41

8.42

9.49

15.48

17.45

18

0.00

1.00

11.64

13.12

27.12

30.57

25

0.50

0.71

17.61

19.85

44.73

50.42

35

1.00

0.50

17.00

19.17

61.73

69.59

45

1.50

0.35

7.90

8.91

69.63

78.50

60

2.00

0.25

3.54

3.99

73.17

82.49

80

2.50

0.18

4.53

5.11

77.70

87.60

120

3.00

0.13

7.13

8.04

84.83

95.64

170

3.50

0.09

2.67

3.01

87.50

98.65

200

3.75

0.07

0.13

0.15

87.63

98.80

230

4.00

0.06

0.02

0.02

87.65

98.82

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.96

2.15

1.30

0.49

-0.21

-0.58

-1.33

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.59

0.66

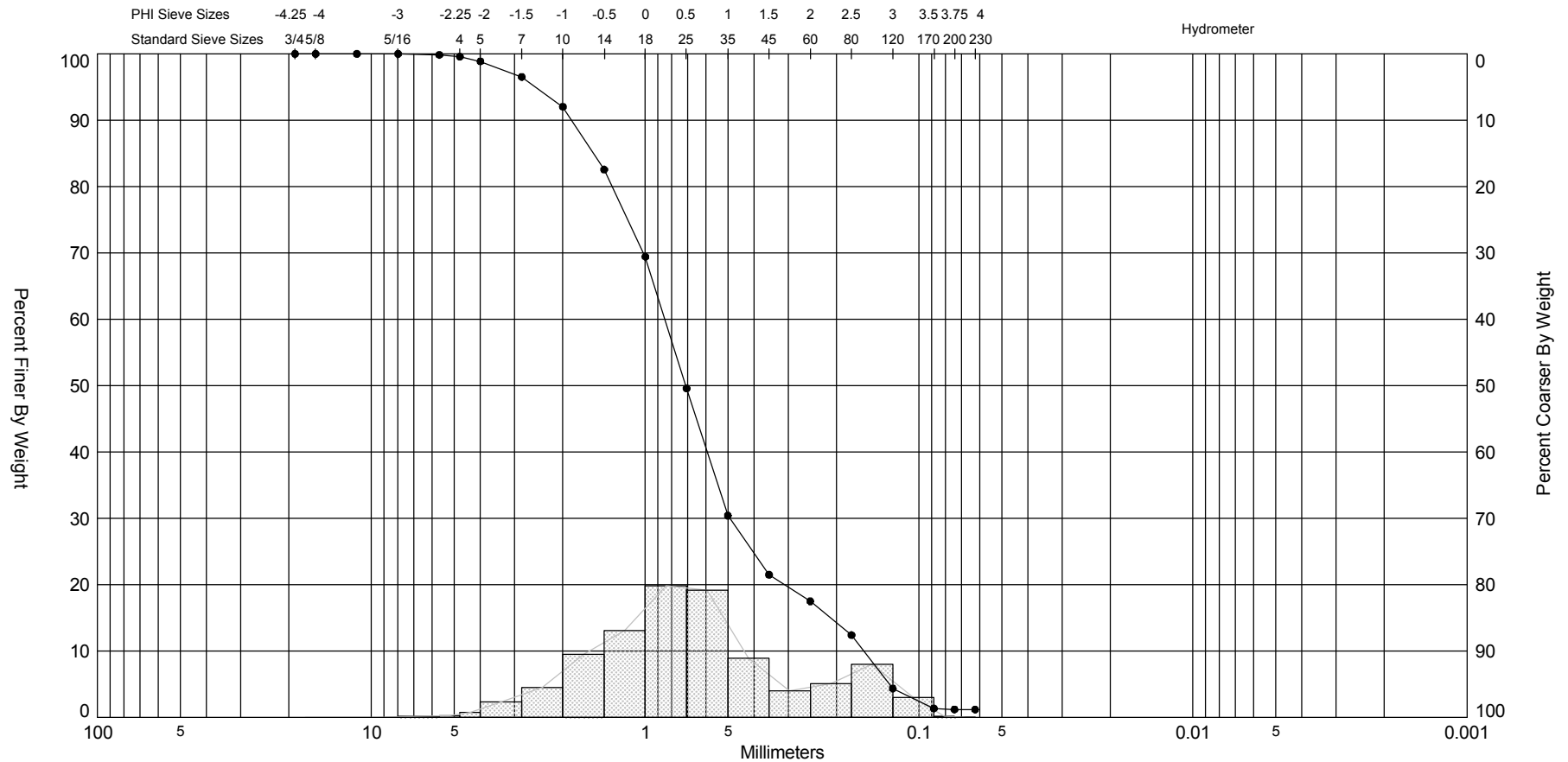
1.23

0.31


2.74

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 #6	—●—	-31.8	SW	#200 - 1.20 #230 - 1.18		60.00	0.49	0.59	0.31	2.74	1.23	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