

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-07-11 #3

Analysis Date: 01-29-07

Analyzed By: mc

Easting (ft):

972,457

Northing (ft):

822,632

Coordinate System:

Florida State Plane East

Elevation (ft):

-30.1 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/3

Dry - 2.5Y-6/3

Washed - 2.5Y-6/3

Comments:

Dry Weight (g):

91.66

Wash Weight (g):

90.34

Pan Retained (g):

0.01

Sieve Loss (%):

0.05

Fines (%):

#200 - 1.54

#230 - 1.51

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

1.08

1.18

1.08

1.18

3.5

-2.50

5.66

0.22

0.24

1.30

1.42

4

-2.25

4.76

0.26

0.28

1.56

1.70

5

-2.00

4.00

0.80

0.87

2.36

2.57

7

-1.50

2.83

2.13

2.32

4.49

4.89

10

-1.00

2.00

4.08

4.45

8.57

9.34

14

-0.50

1.41

7.83

8.54

16.40

17.88

18

0.00

1.00

9.75

10.64

26.15

28.52

25

0.50

0.71

16.21

17.68

42.36

46.20

35

1.00

0.50

18.01

19.65

60.37

65.85

45

1.50

0.35

12.01

13.10

72.38

78.95

60

2.00

0.25

7.46

8.14

79.84

87.09

80

2.50

0.18

4.60

5.02

84.44

92.11

120

3.00

0.13

4.13

4.51

88.57

96.62

170

3.50

0.09

1.62

1.77

90.19

98.39

200

3.75

0.07

0.06

0.07

90.25

98.46

230

4.00

0.06

0.03

0.03

90.28

98.49

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.82

1.81

1.35

0.60

-0.17

-0.61

-1.49

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.55

0.68

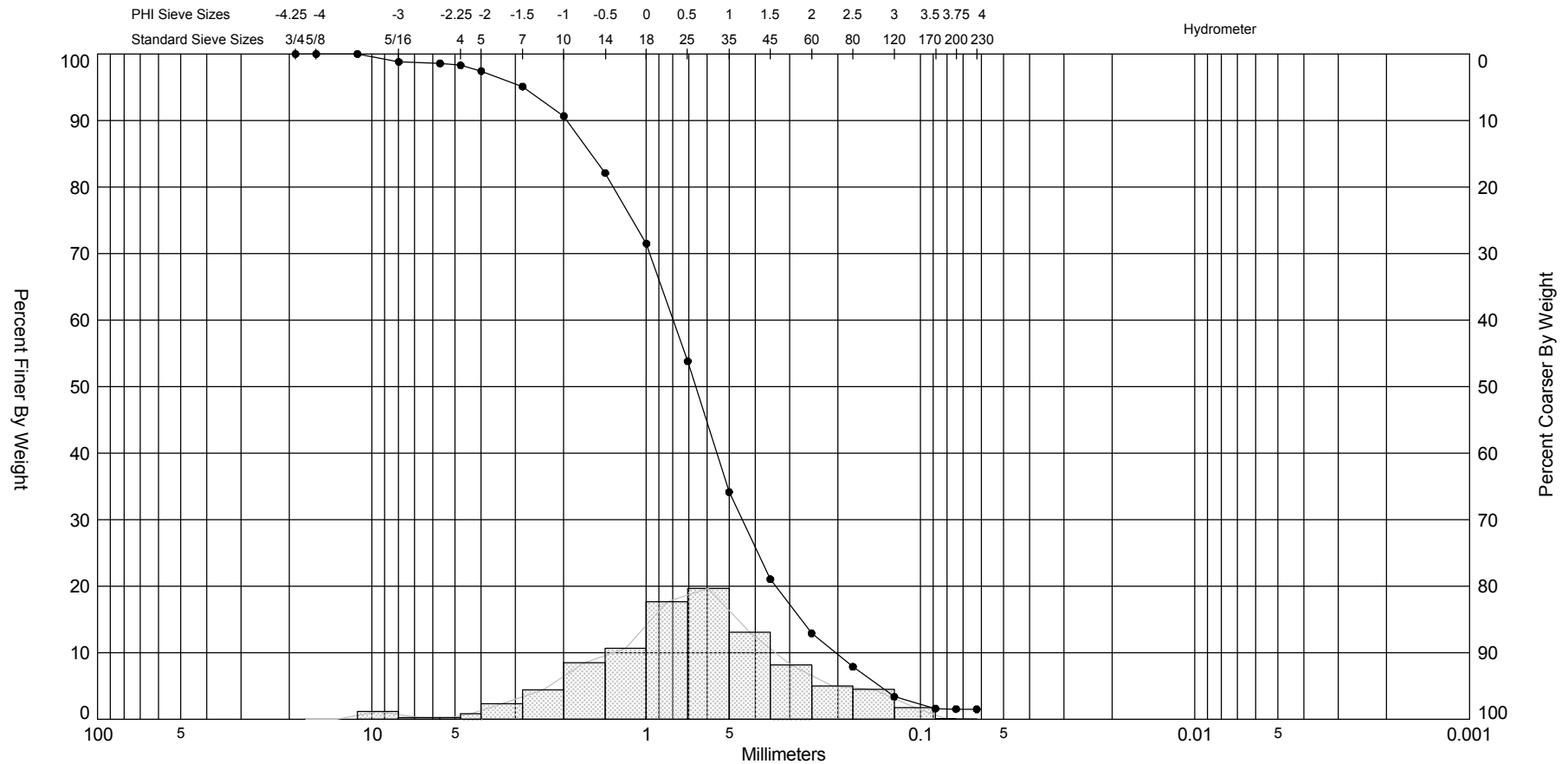
1.22

-0.25


3.43

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-07-11 #3	—●—	-30.1	SW	#200 - 1.54 #230 - 1.51		60.00	0.6	0.55	-0.25	3.43	1.22	Project Name:	2007 Sand Search Investigation
Comments:												Analysis Date:	01-29-07
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):	972,457
												Northing (Y, ft):	822,632
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88