

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
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Project Name: Reach 8 Geotechnical Investigation

Sample Name: PBVC-05-10 #9

Analysis Date: 03-30-07

Analyzed By: CPE

Easting (ft):

972,852

Northing (ft):

833,882

Coordinate System:

Florida State Plane East

Elevation (ft):

-37.4 NAVD 88

USCS:

SW

Munsell:

Wet - 5Y-5/1

Dry - 5Y-6/1

Washed - 5Y-6/1

Comments:

Dry Weight (g):

93.04

Wash Weight (g):

91.54

Pan Retained (g):

0.03

Sieve Loss (%):

0.00

Fines (%):

#200 - 1.77

#230 - 1.64

Organics (%):

Carbonates (%):

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

0.00

0.00

0.00

0.00

3.5

-2.50

5.66

0.26

0.28

0.26

0.28

4

-2.25

4.76

0.07

0.08

0.33

0.36

5

-2.00

4.00

0.11

0.12

0.44

0.48

7

-1.50

2.83

0.75

0.81

1.19

1.29

10

-1.00

2.00

1.87

2.01

3.06

3.30

14

-0.50

1.41

4.35

4.68

7.41

7.98

18

0.00

1.00

6.60

7.09

14.01

15.07

25

0.50

0.71

9.71

10.44

23.72

25.51

35

1.00

0.50

10.57

11.36

34.29

36.87

45

1.50

0.35

7.66

8.23

41.95

45.10

60

2.00

0.25

7.35

7.90

49.30

53.00

80

2.50

0.18

11.69

12.56

60.99

65.56

120

3.00

0.13

21.66

23.28

82.65

88.84

170

3.50

0.09

8.44

9.07

91.09

97.91

200

3.75

0.07

0.30

0.32

91.39

98.23

230

4.00

0.06

0.12

0.13

91.51

98.36

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.34

2.90

2.70

1.81

0.48

0.04

-0.82

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.51

0.35

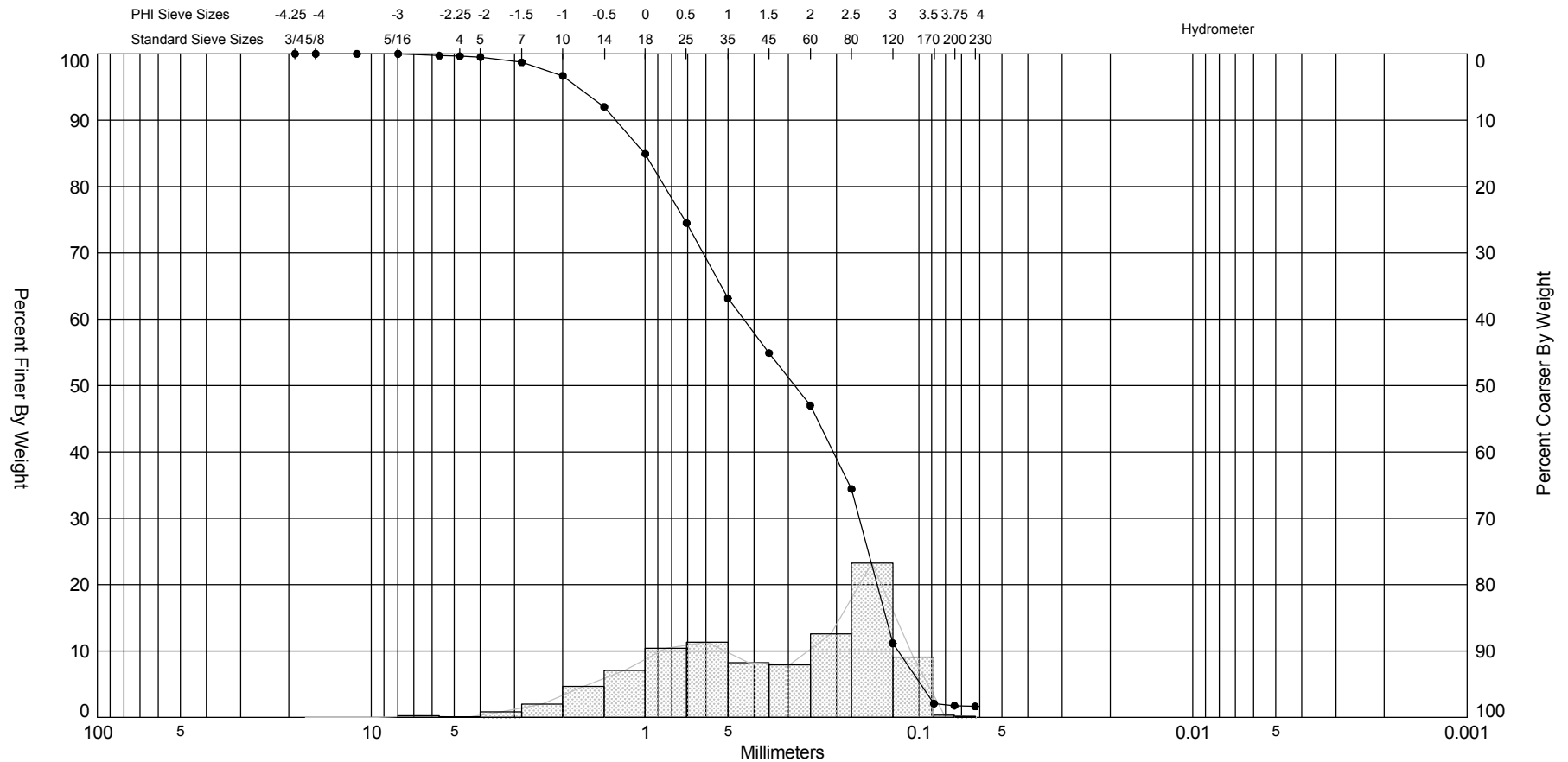
1.33

-0.51


2.3

GRANULARMETRIC REPORT - PALMBEACH_05_NAVD88.GPJ FL DEP ROSS.GDT 5/10/07

SIEVE ANALYSIS PALMBEACH_05_NAVD88.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	
PBVC-05-10 #9	—●—	-37.4	SW	#200 - 1.77 #230 - 1.64			1.81	1.51	-0.51	2.3	1.33	Project Name:	Reach 8 Geotechnical Investigation
Comments:												Analysis Date:	03-30-07
Depths and elevations based on measured values												Analyzed By:	CPE
							Coastal Planning & Engineering						
							2481 NW Boca Raton Blvd, Boca Raton						
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							ph (561) 391-8102						
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												Easting (X, ft):	972,852
												Northing (Y, ft):	833,882
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88