

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: Reach 8 Geotechnical Investigation

Sample Name: PBVC-05-10 #8

Analysis Date: 03-30-07

Analyzed By: CPE

Easting (ft):

972,852

Northing (ft):

833,882

Coordinate System:

Florida State Plane East

Elevation (ft):

-35.4 NAVD 88

USCS:

SW

Munsell:

Wet - 5Y-6/3
Dry - 5Y-7/3
Washed - 5Y-7/3

Comments:

Dry Weight (g):

97.24

Wash Weight (g):

96.21

Pan Retained (g):

0.01

Sieve Loss (%):

0.00

Fines (%):

#200 - 1.11
#230 - 1.05

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

0.35

0.36

0.35

0.36

5/16

-3.00

8.00

0.36

0.37

0.71

0.73

3.5

-2.50

5.66

1.25

1.29

1.96

2.02

4

-2.25

4.76

1.00

1.03

2.96

3.05

5

-2.00

4.00

1.24

1.28

4.20

4.33

7

-1.50

2.83

2.46

2.53

6.66

6.86

10

-1.00

2.00

3.01

3.10

9.67

9.96

14

-0.50

1.41

5.36

5.51

15.03

15.47

18

0.00

1.00

6.70

6.89

21.73

22.36

25

0.50

0.71

10.65

10.95

32.38

33.31

35

1.00

0.50

12.56

12.92

44.94

46.23

45

1.50

0.35

10.43

10.73

55.37

56.96

60

2.00

0.25

8.98

9.23

64.35

66.19

80

2.50

0.18

12.20

12.55

76.55

78.74

120

3.00

0.13

14.99

15.42

91.54

94.16

170

3.50

0.09

4.38

4.50

95.92

98.66

200

3.75

0.07

0.22

0.23

96.14

98.89

230

4.00

0.06

0.06

0.06

96.20

98.95

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.09

2.67

2.35

1.18

0.12

-0.46

-1.87

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.04

0.49

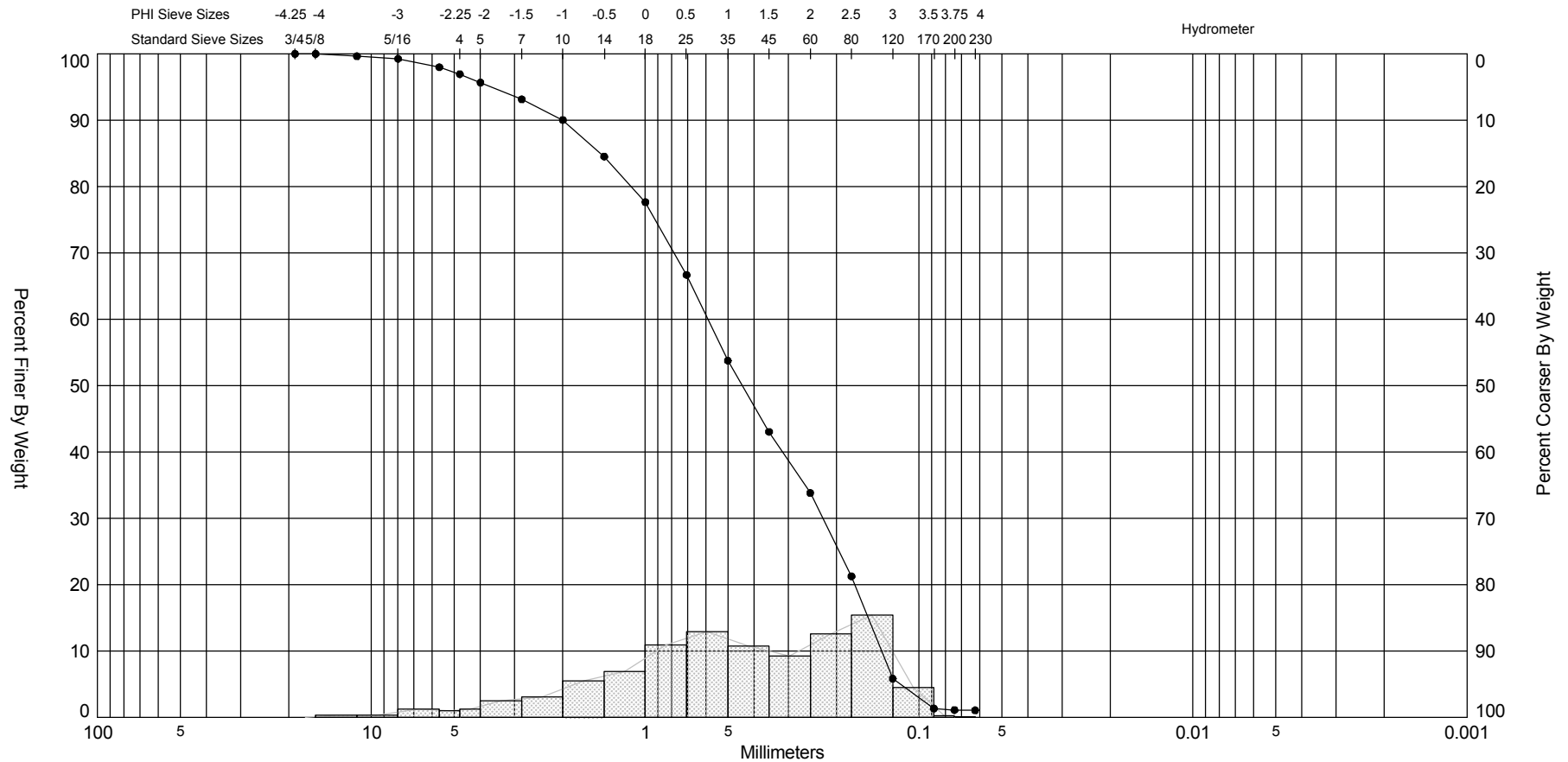
1.5

-0.62


2.86

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 #8	—●—	-35.4	SW	#200 - 1.11 #230 - 1.05		70.00	1.18	1.04	-0.62	2.86	1.5	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 FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	972,852
												Northing (Y, ft):	833,882
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88