

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
2481 NW Boca Raton Blvd, Boca Raton
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Project Name: Reach 8 Beach Samples

Sample Name: R-131 Bar

Analysis Date: 03-14-07

Analyzed By: MC

Easting (ft):

971,359

Northing (ft):

826,367

Coordinate System:

Florida State Plane East

Elevation (ft):

-6.0 NAVD 88

USCS:

SP

Munsell:

Wet - 2.5Y-6/4

Dry - 2.5Y-6/3

Washed - 2.5Y-6/3

Comments:

Dry Weight (g):

99.21

Wash Weight (g):

97.90

Pan Retained (g):

0.00

Sieve Loss (%):

0.00

Fines (%):

#200 - 1.33

#230 - 1.33

Organics (%):

Carbonates (%):

Shell Hash (%):

0

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	0.00	0.00	0.00	0.00
4	-2.25	4.76	0.00	0.00	0.00	0.00
5	-2.00	4.00	0.02	0.02	0.02	0.02
7	-1.50	2.83	0.00	0.00	0.02	0.02
10	-1.00	2.00	0.04	0.04	0.06	0.06
14	-0.50	1.41	0.10	0.10	0.16	0.16
18	0.00	1.00	0.54	0.54	0.70	0.70
25	0.50	0.71	2.72	2.74	3.42	3.44
35	1.00	0.50	13.27	13.38	16.69	16.82
45	1.50	0.35	35.57	35.85	52.26	52.67
60	2.00	0.25	34.50	34.77	86.76	87.44
80	2.50	0.18	8.61	8.68	95.37	96.12
120	3.00	0.13	2.11	2.13	97.48	98.25
170	3.50	0.09	0.42	0.42	97.90	98.67
200	3.75	0.07	0.00	0.00	97.90	98.67
230	4.00	0.06	0.00	0.00	97.90	98.67

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.44

1.95

1.82

1.46

1.11

0.97

0.56

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.45

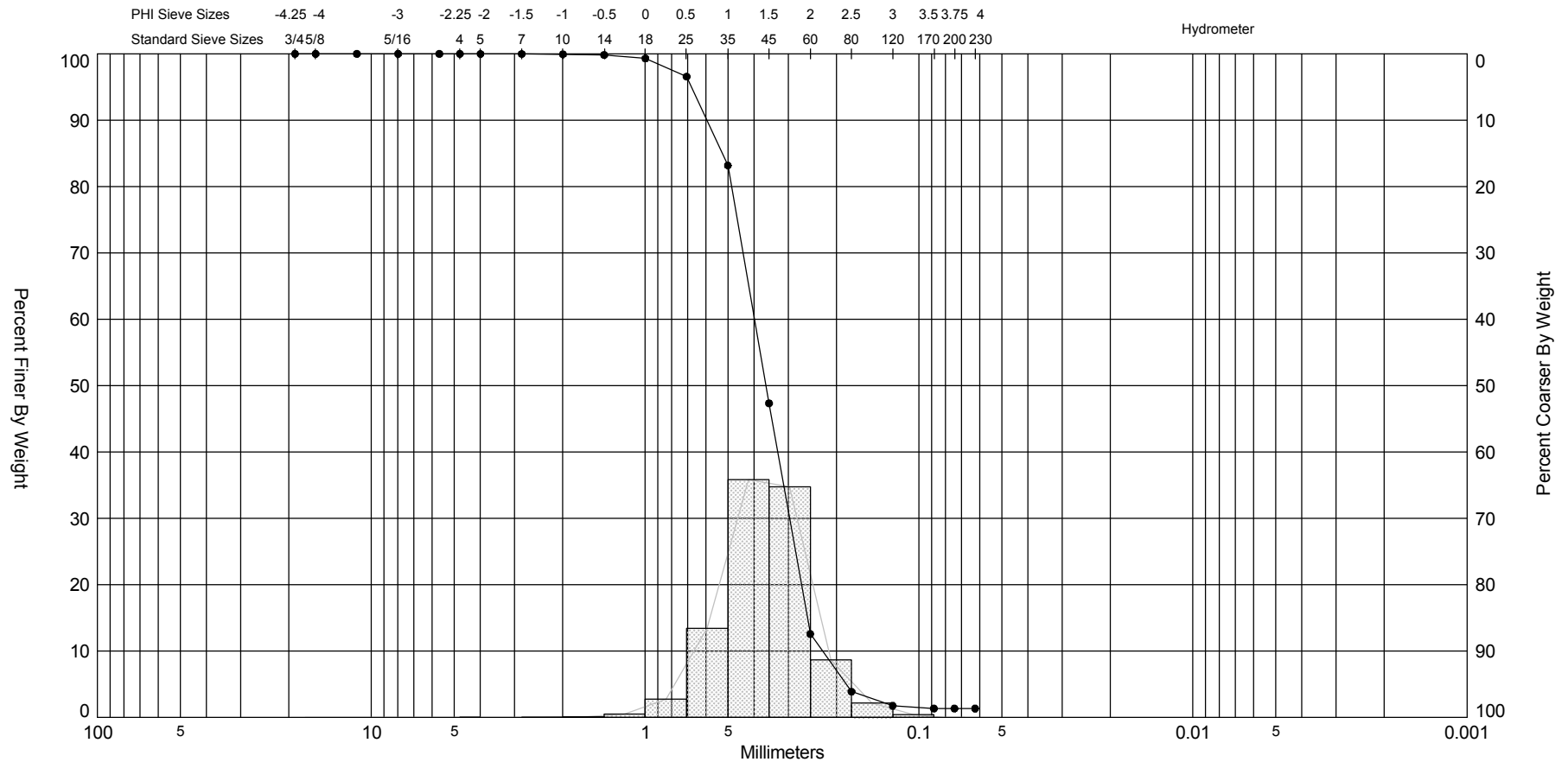
0.37

0.53


-0.16

4.42

GRANULARMETRIC REPORT REACH 8 BEACH 2007.GPJ FL DEP ROSS.GDT 4/20/07



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	
R-131 Bar	—●—	-6.0	SP	#200 - 1.33 #230 - 1.33			1.46	1.45	-0.16	4.42	0.53	Project Name:	Reach 8 Beach Samples
Comments:												Analysis Date:	03-14-07
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):	971,359
												Northing (Y, ft):	826,367
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88