

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
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Project Name: Reach 8 Beach Samples

Sample Name: R-131 Mid Berm

Analysis Date: 03-13-07

Analyzed By: MC

Easting (ft):

970,898

Northing (ft):

826,357

Coordinate System:

Florida State Plane East

Elevation (ft):

10.0 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-5/1

Dry - 2.5Y-5/1

Washed - 2.5Y-6/1

Comments:

Dry Weight (g):

100.77

Wash Weight (g):

99.76

Pan Retained (g):

0.01

Sieve Loss (%):

0.09

Fines (%):

#200 - 1.15
#230 - 1.11

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	2.23	2.21	2.23	2.21
3.5	-2.50	5.66	0.55	0.55	2.78	2.76
4	-2.25	4.76	0.32	0.32	3.10	3.08
5	-2.00	4.00	0.37	0.37	3.47	3.45
7	-1.50	2.83	0.78	0.77	4.25	4.22
10	-1.00	2.00	0.88	0.87	5.13	5.09
14	-0.50	1.41	1.84	1.83	6.97	6.92
18	0.00	1.00	2.27	2.25	9.24	9.17
25	0.50	0.71	4.16	4.13	13.40	13.30
35	1.00	0.50	7.32	7.26	20.72	20.56
45	1.50	0.35	11.44	11.35	32.16	31.91
60	2.00	0.25	11.37	11.28	43.53	43.19
80	2.50	0.18	17.90	17.76	61.43	60.95
120	3.00	0.13	30.57	30.34	92.00	91.29
170	3.50	0.09	7.40	7.34	99.40	98.63
200	3.75	0.07	0.22	0.22	99.62	98.85
230	4.00	0.06	0.04	0.04	99.66	98.89

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.25

2.88

2.73

2.19

1.20

0.69

-1.05

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.76

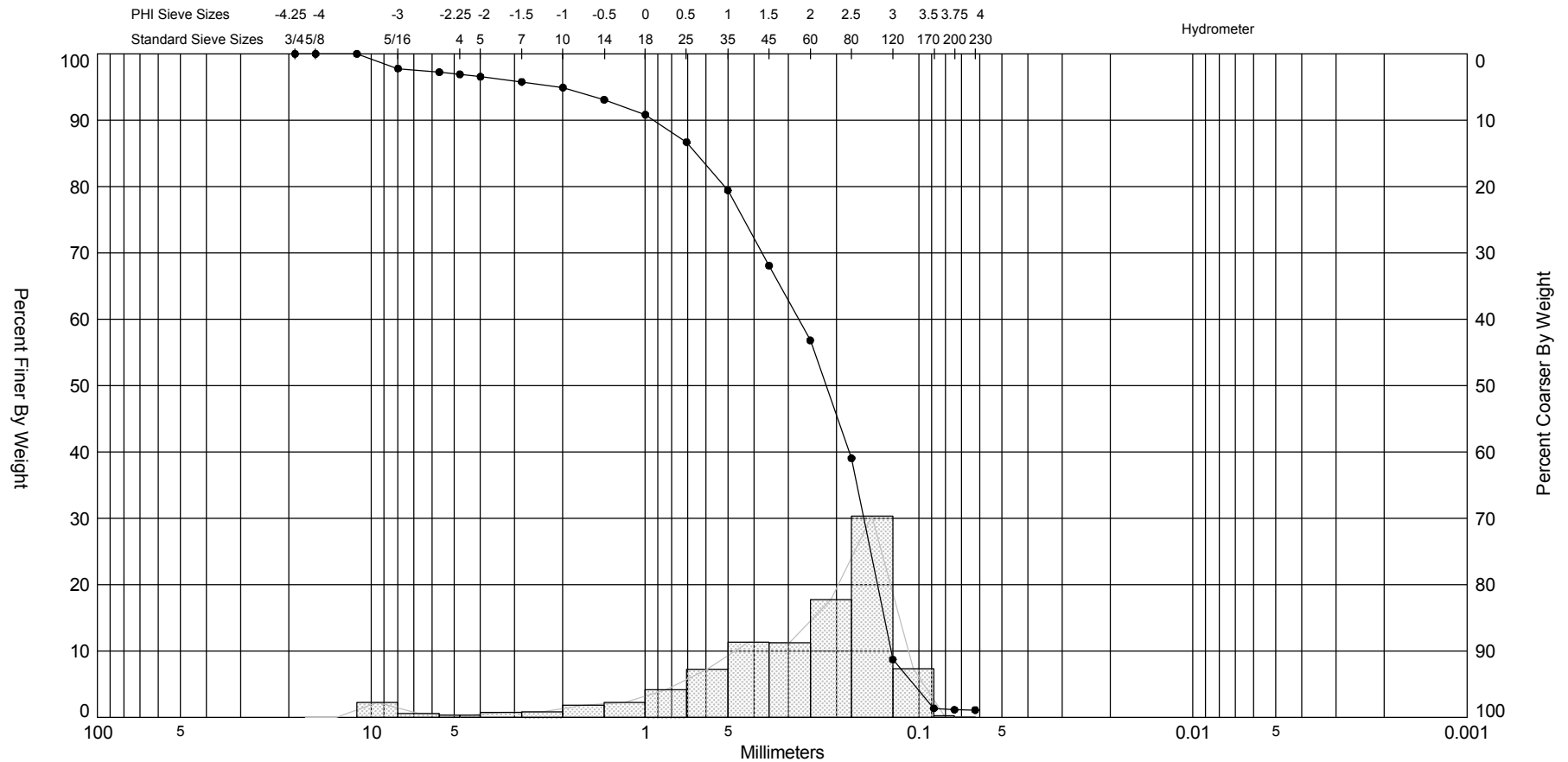
0.30

1.37


-1.72

6.22

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 Mid Berm	—●—	10.0	SW	#200 - 1.15 #230 - 1.11			2.19	1.76	-1.72	6.22	1.37	Project Name:	Reach 8 Beach Samples
Comments:												Analysis Date:	03-13-07
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):	970,898
												Northing (Y, ft):	826,357
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88