

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 MLW

Analysis Date: 03-13-07

Analyzed By: MC

Easting (ft):

970,990

Northing (ft):

826,358

Coordinate System:

Florida State Plane East

Elevation (ft):

-2.0 NAVD 88

USCS:

SW

Munsell:

Wet - 2.5Y-6/3

Dry - 2.5Y-6/3

Washed - 2.5Y-6/2

Comments:

Dry Weight (g):

102.17

Wash Weight (g):

101.07

Pan Retained (g):

0.00

Sieve Loss (%):

0.03

Fines (%):

#200 - 1.10

#230 - 1.10

Organics (%):

Carbonates (%):

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	0.00	0.00	0.00	0.00
3.5	-2.50	5.66	1.66	1.62	1.66	1.62
4	-2.25	4.76	0.42	0.41	2.08	2.03
5	-2.00	4.00	1.05	1.03	3.13	3.06
7	-1.50	2.83	3.28	3.21	6.41	6.27
10	-1.00	2.00	3.97	3.89	10.38	10.16
14	-0.50	1.41	5.04	4.93	15.42	15.09
18	0.00	1.00	4.28	4.19	19.70	19.28
25	0.50	0.71	6.18	6.05	25.88	25.33
35	1.00	0.50	10.94	10.71	36.82	36.04
45	1.50	0.35	21.31	20.86	58.13	56.90
60	2.00	0.25	25.62	25.08	83.75	81.98
80	2.50	0.18	12.91	12.64	96.66	94.62
120	3.00	0.13	4.05	3.96	100.71	98.58
170	3.50	0.09	0.32	0.31	101.03	98.89
200	3.75	0.07	0.01	0.01	101.04	98.90
230	4.00	0.06	0.00	0.00	101.04	98.90

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.55

2.08

1.86

1.33

0.47

-0.39

-1.70

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.98

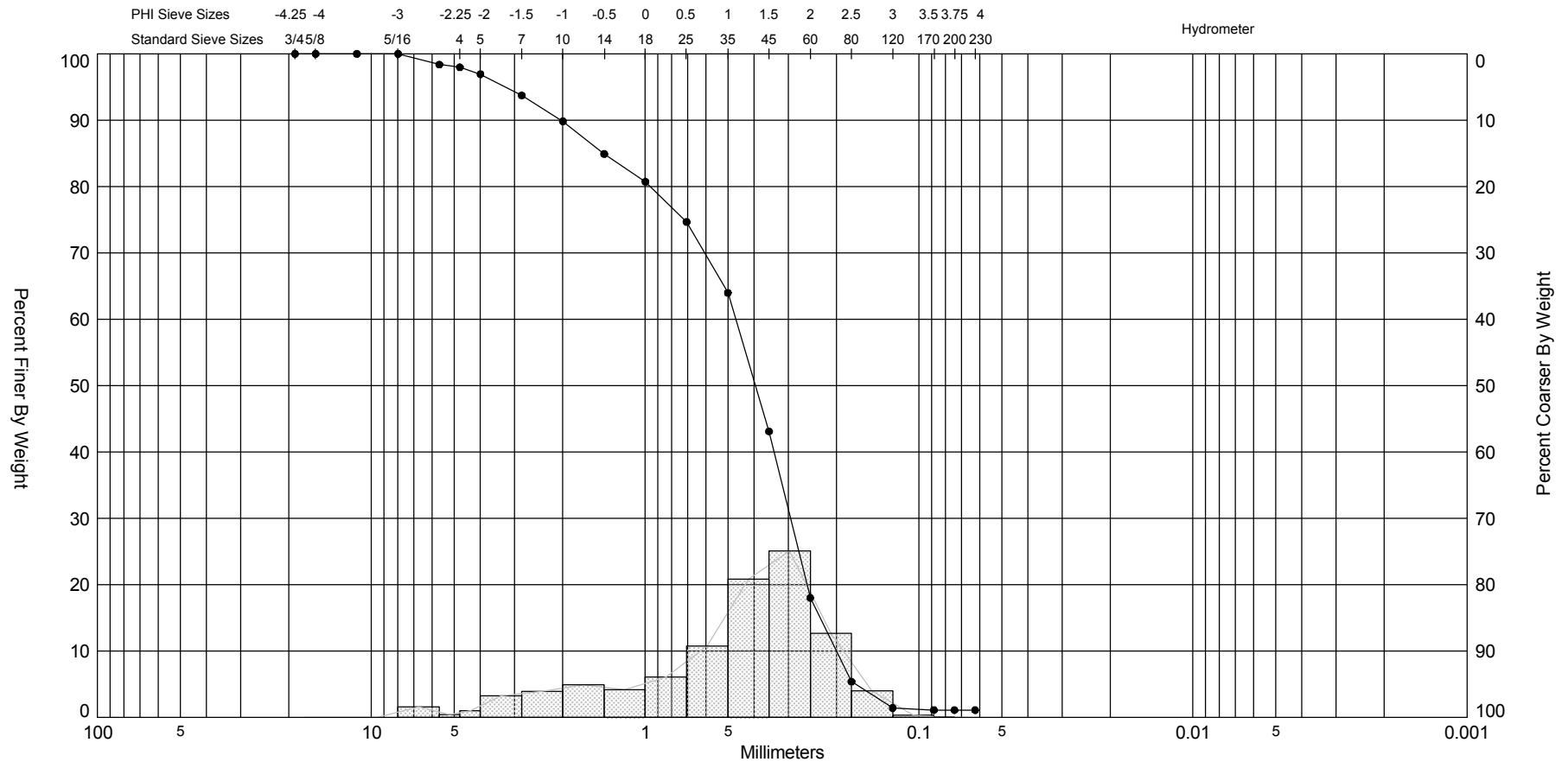
0.51

1.26


-1.08

3.58

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 MLW	—●—	-2.0	SW	#200 - 1.10 #230 - 1.10			1.33	0.98	-1.08	3.58	1.26	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):	970,990
												Northing (Y, ft):	826,358
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88