

# Granularmetric Report

Depths and elevations based on measured values



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Project Name: Amelia Island

Sample Name: NCVB-15-05 #B

Analysis Date:

Analyzed By: CM

Easting (ft): 553,612	Northing (ft): 2,275,830	Coordinate System: Florida State Plane East	Elevation (ft): -46.7 NAVD 88
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USCS: SP	Munsell:	Comments:
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Dry Weight (g): 105.63	Wash Weight (g): 104.34	Pan Retained (g):	Sieve Loss (%):	Fines (%): #200 - 1.54 #230 - 1.23	Organics (%):	Carbonates (%):	Shells (%): 11.94
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Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	% Passing Sieve
3/4	-4.25	19.03		0.00		100.00
5/8	-4.00	16.00		0.00		100.00
3.5	-2.50	5.66		0.00		100.00
4	-2.25	4.76		0.09		99.91
5	-2.00	4.00		0.10		99.81
7	-1.50	2.83		0.25		99.56
10	-1.00	2.00		0.27		99.29
14	-0.50	1.41		0.45		98.84
18	0.00	1.00		0.63		98.21
25	0.50	0.71		0.69		97.52
35	1.00	0.50		0.96		96.56
45	1.50	0.35		2.12		94.44
60	2.00	0.25		7.18		87.26
80	2.50	0.18		32.26		55.00
120	3.00	0.13		45.35		9.65
170	3.50	0.09		7.22		2.43
200	3.75	0.07		0.89		1.54
230	4.00	0.06		0.31		1.23

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Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95
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3.32	2.93	2.83	2.56	2.19	2.05	1.37
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Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis
Statistics	2.43	0.19	0.68	-2.78	15.45

GRANULARMETRIC REPORT AMELIA\_ISLAND.GPJ FL DEP ROSS.GDT 12/14/15