

# 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: St. Lucie Sand Search

Sample Name: SLJP-06-21 #BOT

Analysis Date: 03-09-06

Analyzed By: AMS

Easting (ft):

931,625

Northing (ft):

1,073,584

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SW

Munsell:

Wet - 5Y-4/1  
Dry - 2.5Y-5/1  
Washed - 5Y-6/1

Comments:

Dry Weight (g):

116.27

Wash Weight (g):

113.42

Pan Retained (g):

0.16

Sieve Loss (%):

0.02

Fines (%):

#200 - 2.93  
#230 - 2.61

Organics (%):

Carbonates (%):

Shells (%):

2

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	0.44	0.38	0.44	0.38
5/16"	-3.00	8.00	0.23	0.20	0.67	0.58
3.5	-2.50	5.66	0.49	0.42	1.16	1.00
4	-2.25	4.76	0.22	0.19	1.38	1.19
5	-2.00	4.00	0.25	0.22	1.63	1.40
7	-1.50	2.83	0.91	0.78	2.54	2.18
10	-1.00	2.00	1.57	1.35	4.11	3.53
14	-0.50	1.41	2.24	1.93	6.35	5.46
18	0.00	1.00	3.24	2.79	9.59	8.25
25	0.50	0.71	6.15	5.29	15.74	13.54
35	1.00	0.50	13.32	11.46	29.06	24.99
45	1.50	0.35	22.57	19.41	51.63	44.41
60	2.00	0.25	32.25	27.74	83.88	72.14
80	2.50	0.18	16.39	14.10	100.27	86.24
120	3.00	0.13	7.93	6.82	108.20	93.06
170	3.50	0.09	4.04	3.47	112.24	96.53
200	3.75	0.07	0.62	0.53	112.86	97.07
230	4.00	0.06	0.38	0.33	113.24	97.39

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

3.28

2.42

2.10

1.60

1.00

0.61

-0.62

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.42

0.37

1.09

-1.28

6.44

GRANULARMETRIC REPORT ST. LUCIE JP.GPJ FL DEP ROSS.GDT 3/30/06

SIEVE ANALYSIS ST. LUCIE JP.GPJ FL DEP ROSS.GDT 8/8/06

