

Granularmetric Report

Depths and elevations based on measured values



Coastal Planning & Engineering
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Project Name: St. Lucie Sand Search

Sample Name: SLJP-06-23 #MID

Analysis Date: 03-09-06

Analyzed By: AMS

Easting (ft):

929,973

Northing (ft):

1,075,216

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SW

Munsell:

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

Comments:

Dry Weight (g):

111.65

Wash Weight (g):

109.55

Pan Retained (g):

0.06

Sieve Loss (%):

0.03

Fines (%):

#200 - 2.14
#230 - 1.96

Organics (%):

Carbonates (%):

Shells (%):

6

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	0.75	0.67	0.75	0.67
5/16"	-3.00	8.00	0.73	0.65	1.48	1.33
3.5	-2.50	5.66	0.92	0.82	2.40	2.15
4	-2.25	4.76	0.51	0.46	2.91	2.61
5	-2.00	4.00	0.98	0.88	3.89	3.48
7	-1.50	2.83	2.40	2.15	6.29	5.63
10	-1.00	2.00	3.48	3.12	9.77	8.75
14	-0.50	1.41	5.17	4.63	14.94	13.38
18	0.00	1.00	7.39	6.62	22.33	20.00
25	0.50	0.71	13.19	11.81	35.52	31.81
35	1.00	0.50	20.88	18.70	56.40	50.52
45	1.50	0.35	22.08	19.78	78.48	70.29
60	2.00	0.25	15.59	13.96	94.07	84.25
80	2.50	0.18	7.56	6.77	101.63	91.03
120	3.00	0.13	5.18	4.64	106.81	95.67
170	3.50	0.09	2.09	1.87	108.90	97.54
200	3.75	0.07	0.36	0.32	109.26	97.86
230	4.00	0.06	0.20	0.18	109.46	98.04

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.93

1.99

1.67

0.99

0.21

-0.30

-1.65

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.81

0.57

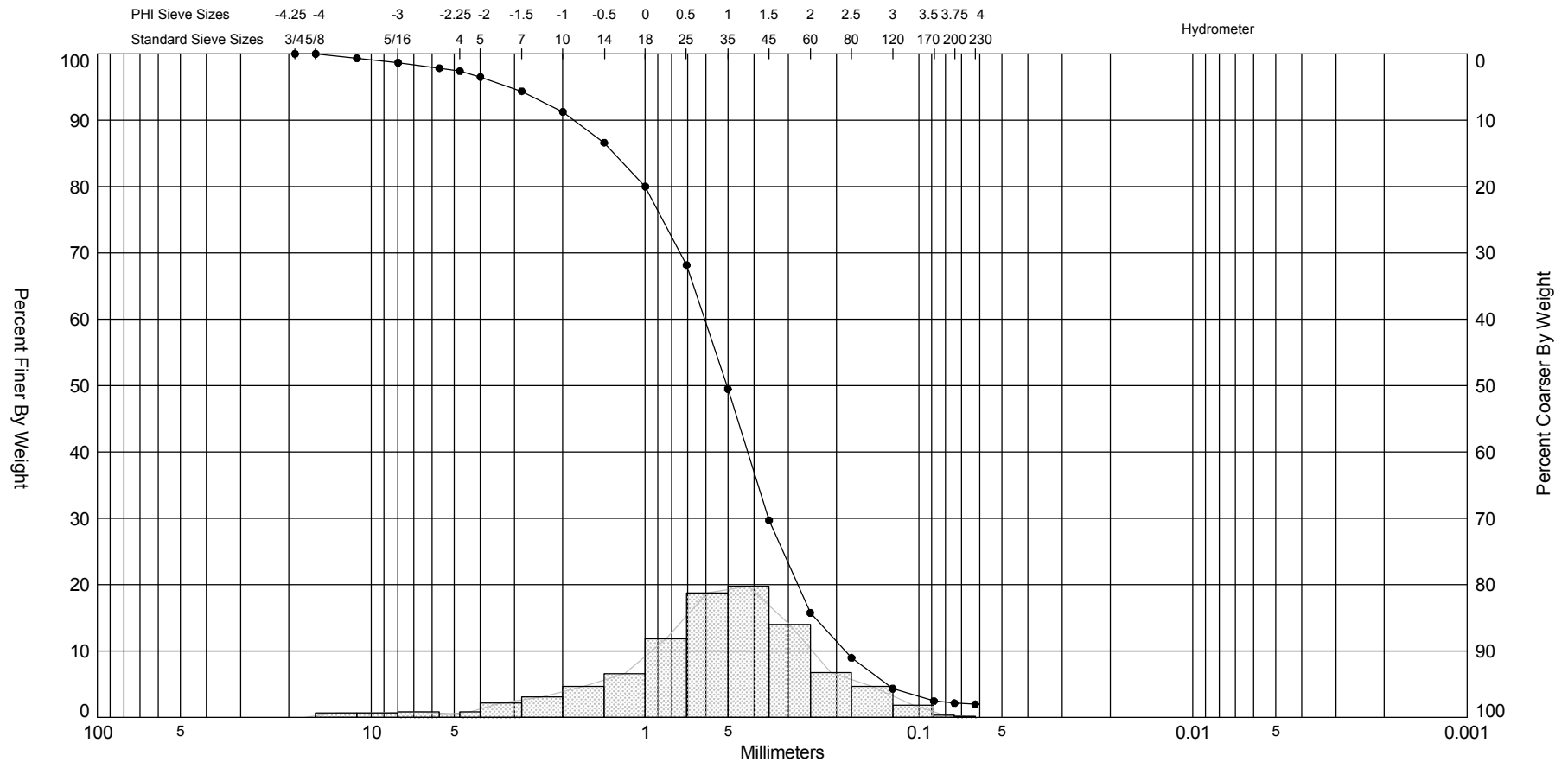
1.28

-0.81


4.23

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



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	
SLJP-06-23 #MID	—●—		SW	#200 - 2.14 #230 - 1.96			0.99	0.81	-0.81	4.23	1.28	Project Name:	St. Lucie Sand Search
Comments:												Analysis Date:	03-09-06
Depths and elevations based on measured values												Analyzed By:	AMS
						Coastal Planning & Engineering 2481 NW Boca Raton Blvd, Boca Raton FL 33431 ph (561) 391-8102 fax (561) 391-9116						Easting (X, ft):	929,973
												Northing (Y, ft):	1,075,216
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88