

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-06-07 #MID

Analysis Date: 03-13-06

Analyzed By: AMS

Easting (ft):

914,490

Northing (ft):

1,083,215

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):

97.45

Wash Weight (g):

95.69

Pan Retained (g):

0.08

Sieve Loss (%):

0.04

Fines (%):

#200 - 2.34
#230 - 1.93

Organics (%):

Carbonates (%):

Shells (%):

10

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

2.01

2.06

2.01

2.06

7/16"

-3.50

11.31

1.34

1.38

3.35

3.44

5/16"

-3.00

8.00

1.14

1.17

4.49

4.61

3.5

-2.50

5.66

2.73

2.80

7.22

7.41

4

-2.25

4.76

0.33

0.34

7.55

7.75

5

-2.00

4.00

0.57

0.58

8.12

8.33

7

-1.50

2.83

1.64

1.68

9.76

10.02

10

-1.00

2.00

1.98

2.03

11.74

12.05

14

-0.50

1.41

3.61

3.70

15.35

15.75

18

0.00

1.00

4.61

4.73

19.96

20.48

25

0.50

0.71

7.42

7.61

27.38

28.10

35

1.00

0.50

11.80

12.11

39.18

40.21

45

1.50

0.35

15.55

15.96

54.73

56.16

60

2.00

0.25

23.40

24.01

78.13

80.17

80

2.50

0.18

11.64

11.94

89.77

92.12

120

3.00

0.13

2.96

3.04

92.73

95.16

170

3.50

0.09

1.74

1.79

94.47

96.94

200

3.75

0.07

0.70

0.72

95.17

97.66

230

4.00

0.06

0.40

0.41

95.57

98.07

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.97

2.16

1.89

1.31

0.30

-0.47

-2.93

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.83

0.56

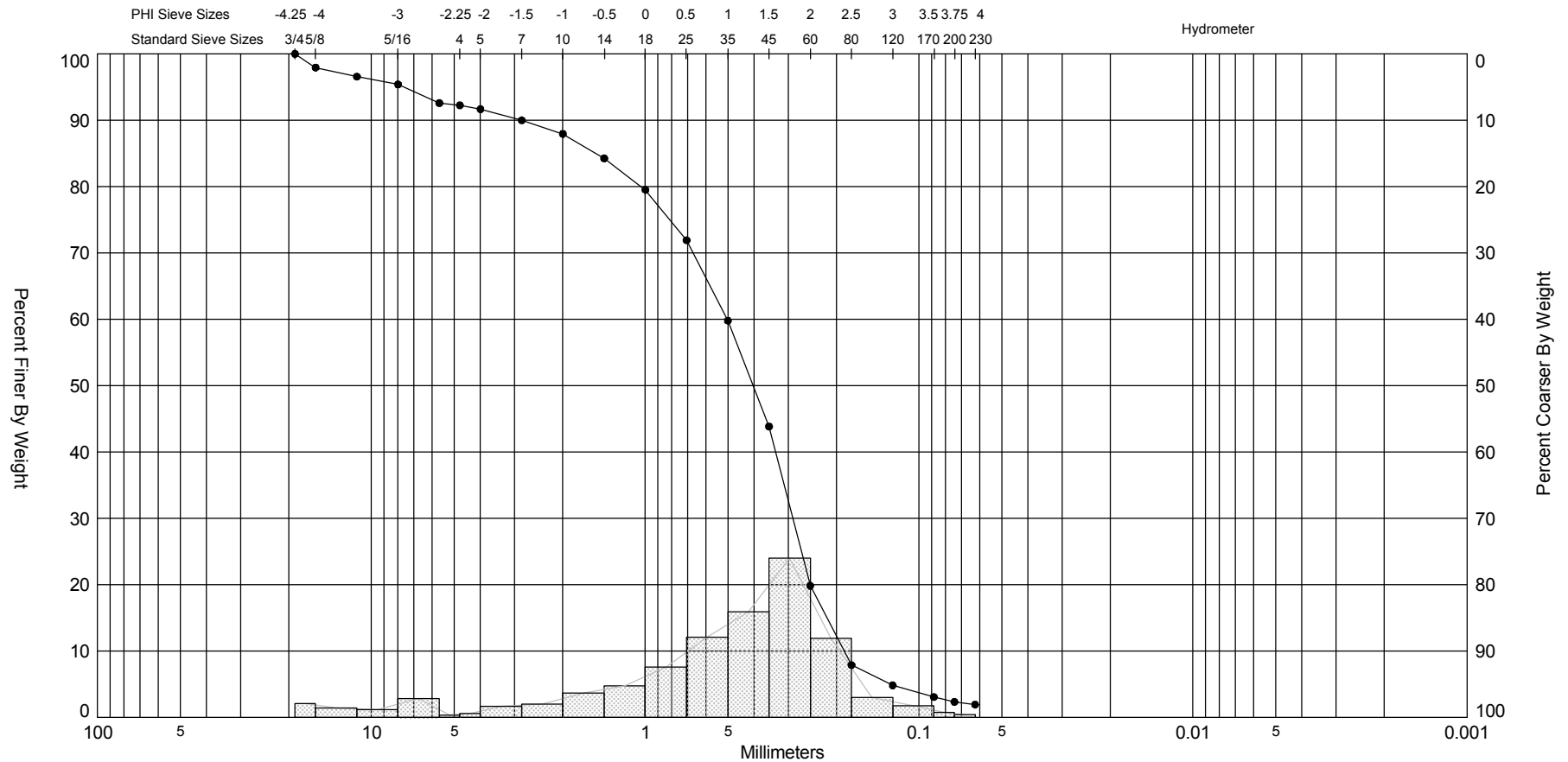
1.63

-1.33


4.54

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-06-07 #MID	—●—		SW	#200 - 2.34 #230 - 1.93			1.31	0.83	-1.33	4.54	1.63	Project Name:	St. Lucie Sand Search
Comments:												Analysis Date:	03-13-06
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):	914,490
												Northing (Y, ft):	1,083,215
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88