

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-06-26 #BOT

Analysis Date: 03-09-06

Analyzed By: AMS

Easting (ft):

914,803

Northing (ft):

1,084,557

Coordinate System:

Florida State Plane East

Elevation (ft):

USCS:

SW

Munsell:

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

Comments:

Dry Weight (g):

89.42

Wash Weight (g):

87.48

Pan Retained (g):

0.09

Sieve Loss (%):

0.04

Fines (%):

#200 - 2.71
#230 - 2.31

Organics (%):

Carbonates (%):

Shells (%):

15

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

1.16

1.30

1.16

1.30

3.5

-2.50

5.66

2.67

2.99

3.83

4.28

4

-2.25

4.76

1.94

2.17

5.77

6.45

5

-2.00

4.00

1.52

1.70

7.29

8.15

7

-1.50

2.83

5.94

6.64

13.23

14.80

10

-1.00

2.00

7.82

8.75

21.05

23.54

14

-0.50

1.41

9.38

10.49

30.43

34.03

18

0.00

1.00

7.92

8.86

38.35

42.89

25

0.50

0.71

8.66

9.68

47.01

52.57

35

1.00

0.50

8.32

9.30

55.33

61.88

45

1.50

0.35

7.35

8.22

62.68

70.10

60

2.00

0.25

11.44

12.79

74.12

82.89

80

2.50

0.18

8.46

9.46

82.58

92.35

120

3.00

0.13

2.73

3.05

85.31

95.40

170

3.50

0.09

1.22

1.36

86.53

96.77

200

3.75

0.07

0.47

0.53

87.00

97.29

230

4.00

0.06

0.35

0.39

87.35

97.69

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.93

2.06

1.69

0.37

-0.93

-1.43

-2.42

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

0.26

0.84

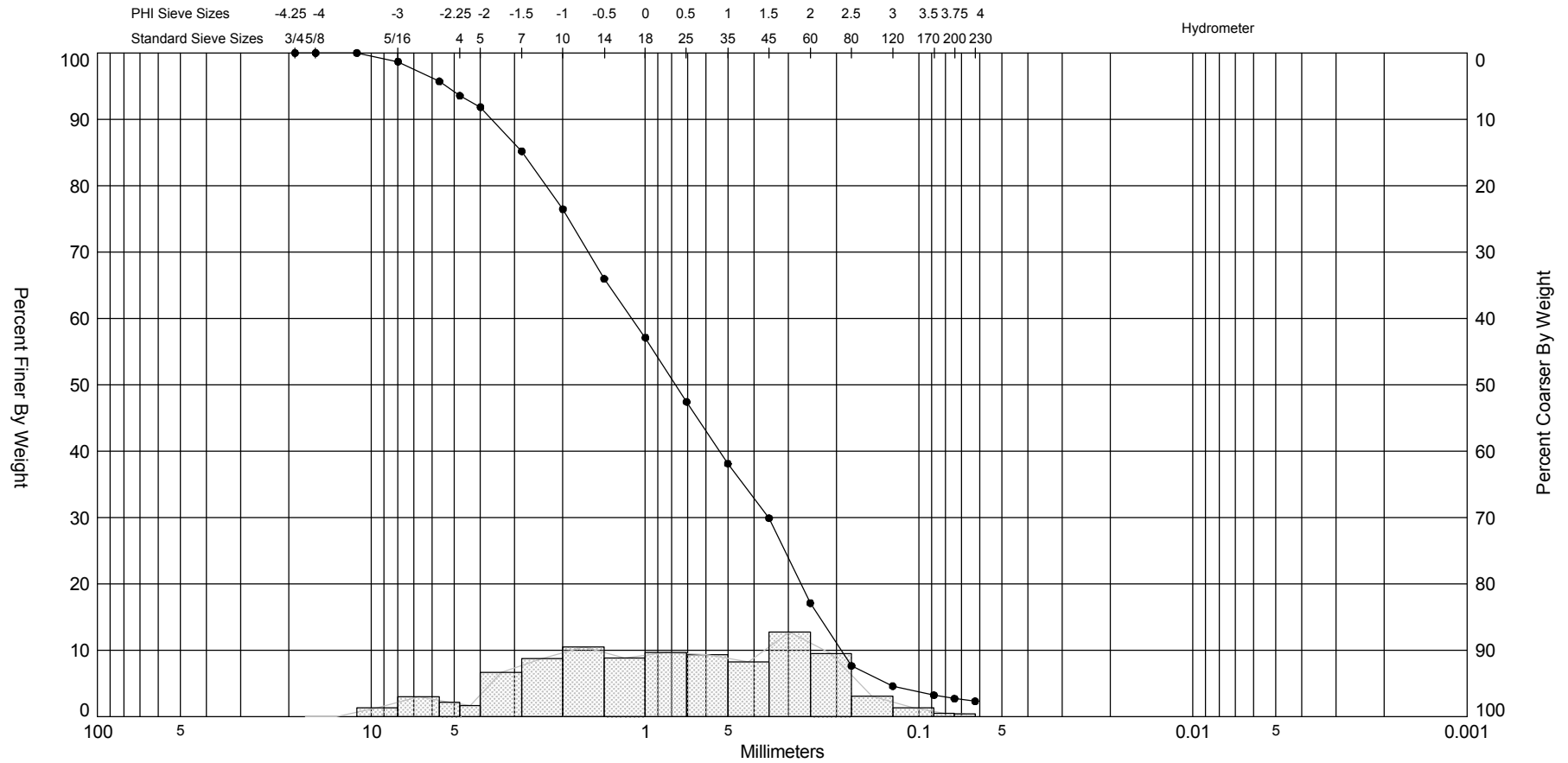
1.59

-0.13



2.18

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-06-26 #BOT			SW	#200 - 2.71 #230 - 2.31			0.37	0.26	-0.13	2.18	1.59	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):	914,803
												Northing (Y, ft):	1,084,557
												Horizontal System:	NAD 1983
												Vertical System:	NAVD 88