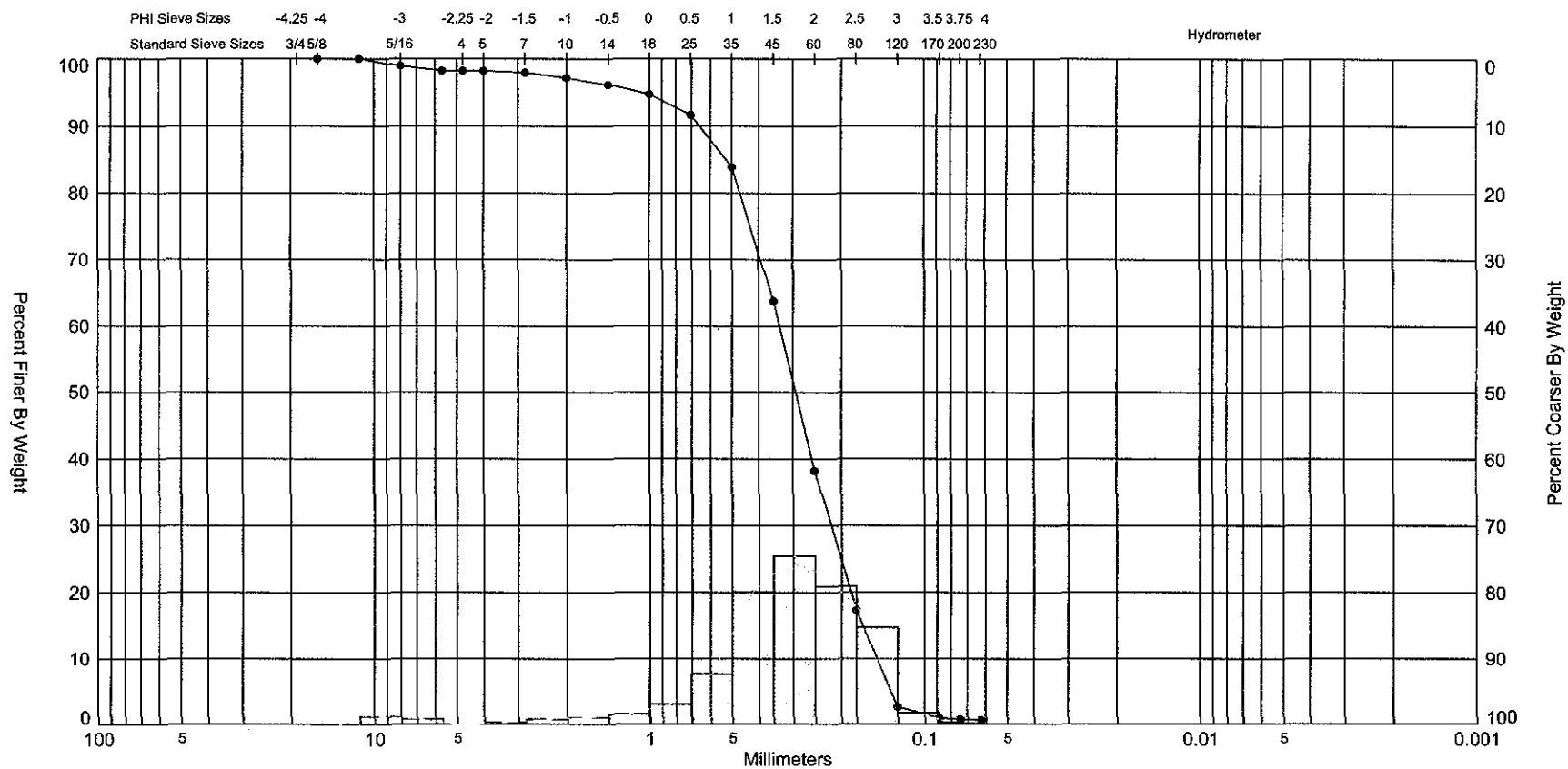


Boring Designation POBC-02

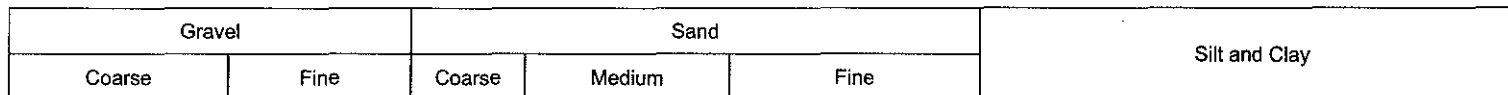
DRILLING LOG		DIVISION	INSTALLATION	SHEET 1 OF 1 SHEETS
1. PROJECT Matagorda County Sand Search Matagorda County, Texas			9. SIZE AND TYPE OF BIT	
2. BORING DESIGNATION POBC-02			10. COORDINATE SYSTEM/DATUM UTM Zone 15	
LOCATION COORDINATES X = Y =			HORIZONTAL NAD 1927	
3. DRILLING AGENCY Coastal Tech			CONTRACTOR FILE NO.	
4. NAME OF DRILLER Randy Parkinson			11. MANUFACTURER'S DESIGNATION OF DRILL Auger	
5. DIRECTION OF BORING ☒ VERTICAL ☐ INCLINED			12. TOTAL SAMPLES DISTURBED UNDISTURBED (UD)	
6. THICKNESS OF OVERBURDEN 0.0 Ft.			13. TOTAL NUMBER CORE BOXES	
7. DEPTH DRILLED INTO ROCK N/A			14. ELEVATION GROUND WATER	
8. TOTAL DEPTH OF BORING 7.0 Ft.			15. DATE BORING 05-13-05	
			STARTED 05-13-05	
			COMPLETED 05-13-05	
			16. ELEVATION TOP OF BORING Not Determined	
			17. TOTAL RECOVERY FOR BORING 7 Ft.	
			18. SIGNATURE AND TITLE OF INSPECTOR	

ELEV. (ft)	DEPTH (ft)	LEGEND	CLASSIFICATION OF MATERIALS Depths and elevations based on measured values	% REC.	BOX OR SAMPLE	REMARKS	
	0.0				1	Sample #1, Depth = 0.0' - 0.5'	0
			Fine grained, quartz, SAND, yellow (10YR-7/6), (SP).				5
	7.0				2	Sample #2, Depth = 6.5' - 7.0'	10
			End of Boring				15
							20
							25

FLORIDA DEP ROSS MATAGORDA COUNTY TEXAS GPJ FL DEP ROSS.GDT 6/7/05



Percent Finer By Weight



Sample	Symbol	Elev. (ft)	USCS	% Fines	% Organics	% Carbonates	Median	Mean	Skew	Kurt	Sort	Sample Information	
POBC-02 #2			SW	#200 - 0.74 #230 - 0.57	0.30	5.10	1.69	1.48	-1.58	6.33	0.99	Project Name:	Matagorda County Sand Search
Comments:												Analysis Date:	05-31-05
Depths and elevations based on measured values												Analyzed By:	WJD
 COASTAL TECH Coastal Geology & Sediments Laboratory						Coastal Tech 715 North Drive Suite G Melbourne, Florida 32934 ph 321 751 1135 fax						Easting (X, m):	
												Northing (Y, m):	
												Horizontal System:	NAD 1927
												Vertical System:	Observational

Granulometric Report

Depths and elevations based on measured values



COASTAL TECH

Coastal Geology & Sediments Laboratory

Project Name: Matagorda County Sand Search

Sample Name: POBC-02 #1

Analysis Date: 05-31-05

Analyzed By: WJD

Coastal Tech
715 North Drive Suite G
Melbourne, Florida 32934
ph 321 751 1135
fax

Easting (m):

Northing (m):

Coordinate System:

Elevation (ft):

UTM Zone 15

USCS:

SW

Munsell:

Wet - 10YR-7/6

Comments:

Dry Weight (g):

104.59

Wash Weight (g):

104.59

Pan Retained (g):

0.64

Sieve Loss (%):

0.00

Fines (%):

#200 - 0.71
#230 - 0.61

Organics (%):

0.40

Carbonates (%):

8.60

Shells (%):

Sieve Number

Sieve Size
(Phi)

Sieve Size
(Millimeters)

Grams
Retained

% Weight
Retained

Cum. Grams
Retained

C. % Weight
Retained

5/8"

-4.00

16.00

0.00

0.00

0.00

0.00

11/16"

-3.50

11.31

0.00

0.00

0.00

0.00

5/16"

-3.00

8.00

1.13

1.08

1.13

1.08

3.5

-2.50

5.66

0.77

0.74

1.90

1.82

4

-2.25

4.76

0.00

0.00

1.90

1.82

5

-2.00

4.00

0.00

0.00

1.90

1.82

7

-1.50

2.83

0.26

0.25

2.16

2.07

10

-1.00

2.00

0.80

0.76

2.96

2.83

14

-0.50

1.41

1.06

1.01

4.02

3.84

18

0.00

1.00

1.54

1.47

5.56

5.32

25

0.50

0.71

3.17

3.03

8.73

8.35

35

1.00

0.50

8.07

7.72

16.80

16.06

45

1.50

0.35

21.06

20.14

37.86

36.20

60

2.00

0.25

26.71

25.54

64.57

61.74

80

2.50

0.18

21.88

20.92

86.45

82.66

120

3.00

0.13

15.43

14.75

101.88

97.41

170

3.50

0.09

1.74

1.66

103.62

99.07

200

3.75

0.07

0.23

0.22

103.85

99.29

230

4.00

0.06

0.10

0.10

103.95

99.39

Phi 5

Phi 16

Phi 25

Phi 50

Phi 75

Phi 84

Phi 95

2.92

2.55

2.32

1.77

1.22

1.00

-0.11

Moment

Mean Phi

Mean mm

Sorting

Skewness

Kurtosis

Statistics

1.64

0.32

1.04

-1.97

9.37

GRANULOMETRIC REPORT MATAGORDA COUNTY TEXAS.GPJ FL DEP ROSS.GDT 6/7/05

Granularmetric Report Depths and elevations based on measured values				 COASTAL TECH Coastal Geology & Sediments Laboratory Coastal Tech 715 North Drive Suite G Melbourne, Florida 32934 ph 321 751 1135 fax			
Project Name: Matagorda County Sand Search				Coastal Tech 715 North Drive Suite G Melbourne, Florida 32934 ph 321 751 1135 fax			
Sample Name: POBC-02 #2							
Analysis Date: 05-31-05							
Analyzed By: WJD							
Easting (m):		Northing (m):		Coordinate System:		Elevation (ft):	
				UTM Zone 15			
USCS:		Munsell:		Comments:			
SW		Wet - 10YR-7/6					
Dry Weight (g):	Wash Weight (g):	Pan Retained (g):	Sieve Loss (%):	Fines (%): #200 - 0.74 #230 - 0.57	Organics (%):	Carbonates (%):	Shells (%):
109.96	109.96	0.63	0.00		0.30	5.10	
Sieve Number	Sieve Size (Phi)	Sieve Size (Millimeters)	Grams Retained	% Weight Retained	Cum. Grams Retained	C. % Weight Retained	
5/8"	-4.00	16.00		0.00	0.00	0.00	
11/16"	-3.50	11.31	0.00	0.00	0.00	0.00	
5/16"	-3.00	8.00	0.00	0.00	0.00	0.00	
3.5	-2.50	5.66	0.43	0.39	0.43	0.39	
4	-2.25	4.76	0.00	0.00	0.43	0.39	
5	-2.00	4.00	0.83	0.75	1.26	1.15	
7	-1.50	2.83	0.83	0.75	2.09	1.90	
10	-1.00	2.00	3.43	3.12	5.52	5.02	
14	-0.50	1.41	0.63	0.57	6.15	5.59	
18	0.00	1.00	3.11	2.83	9.26	8.42	
25	0.50	0.71	3.92	3.56	13.18	11.99	
35	1.00	0.50	6.90	6.28	20.08	18.26	
45	1.50	0.35	19.25	17.51	39.33	35.77	
60	2.00	0.25	41.96	38.16	81.29	73.93	
80	2.50	0.18	21.21	19.29	102.50	93.22	
120	3.00	0.13	4.46	4.06	106.96	97.27	
170	3.50	0.09	1.96	1.78	108.92	99.05	
200	3.75	0.07	0.23	0.21	109.15	99.26	
230	4.00	0.06	0.18	0.16	109.33	99.43	
Phi 5	Phi 16	Phi 25	Phi 50	Phi 75	Phi 84	Phi 95	
2.72	2.26	2.03	1.69	1.19	0.82	-1.00	
Moment	Mean Phi	Mean mm	Sorting	Skewness	Kurtosis		
Statistics	1.48	0.36	0.99	-1.58	6.33		

GRANULARMETRIC REPORT MATAGORDA COUNTY TEXAS.GPJ FL DEP ROSS.GDT 6/7/05