



PROJECT OCEANOLOGY

Beach Sand Size Data Sheet



Transact Number: # 1 Location: Salt Pond Date: 6/18/18
Names: Project Oceanology Bushy Beach

Directions: In column 1, mark down your distance on the transact line (you start and 1 then 2, etc.). Take a surface sand sample and compare it to the sediment size card. In column 2 write down the largest sand size present, in column 3, write down the most abundant sand size present in the sample.

1	2	3	4	5
Meter (m)	Largest Sand Size Present	Smallest Sand Size Present	Most Abundant Size Present	Sand Color
50	pebbles	Fine sand	Fine sand	light tan
48	pebbles	medium sand	granules	purple / tan
46	pebbles	medium sand	granules	purple / tan
44	pebbles	coarse sand	granules	tan
42	pebbles	medium sand	pebbles	tan
40	pebbles	coarse sand	pebbles	tan
38	pebbles	fine sand	granules	tan
36	pebbles	coarse sand	pebbles	tan
34	pebbles	fine sand	medium sand	purple / tan
32	pebbles	fine sand	granules	purple / tan
30	granules	very fine sand	granules	purple / tan
28	granules	very fine sand	very fine sand	purple / tan
26	pebbles	very fine sand	very fine sand	purple / tan

[illegible]



PROJECT OCEANOLOGY

Elevation Data Sheet



Names: Project Oceanology Date: 6/18/18

Location: Bushy Point Beach Pine Island Avery Point Newtown Beach

Transect #: 1 (#1 = eastern-most transect)

Directions: Column 1 = meter number on transect line
Column 2 = centimeter reading from elevation tool (moving end must point in direction you are going)
Column 4 = Column 2 (-) Column 3
Column 5 = Project O instructor will help you figure this out.

1	2	3	4	5
Meter (m)	Elevation reading (cm)		Elevation Change (cm)	Cumulative elevation change (cm)
1	73	50	23	0
2	71	50	21	- 2
3	74.5	50	24.5	+ 1.5
4	76	50	26	+ 3.5
5	76	50	26	+ 3.5
6	70.5	50	20.5	- 2
7	71	50	21	- 1.5
8	74.5	50	24.5	+ 2
9	64	50	14	- 8.5
10	66	50	16	- 6.5
11	64	50	14	- 8.5
12	66	50	16	- 6.5
13	63	50	13	- 9.5
14	60	50	10	- 12.5
15	64.5	50	14.5	- 8

1	2	3	4	5
Meter (m)	Elevation reading (cm)		Elevation Change (cm)	Cumulative elevation change (cm)
16	60	50	10	-12.5
17	62	50	12	-10.5
18	61	50	11	-11.5
19	61	50	11	-11.5
20	60.5	50	10.5	-12
21	59	50	9	-13.5
22	56	50	6	-16.5
23	54	50	4	-18.5
24	59	50	9	-13.5
25	59	50	9	-13.5
26	58	50	8	-14.5
27	60	50	10	-12.5
28	58	50	8	-14.5
		50		
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		50		



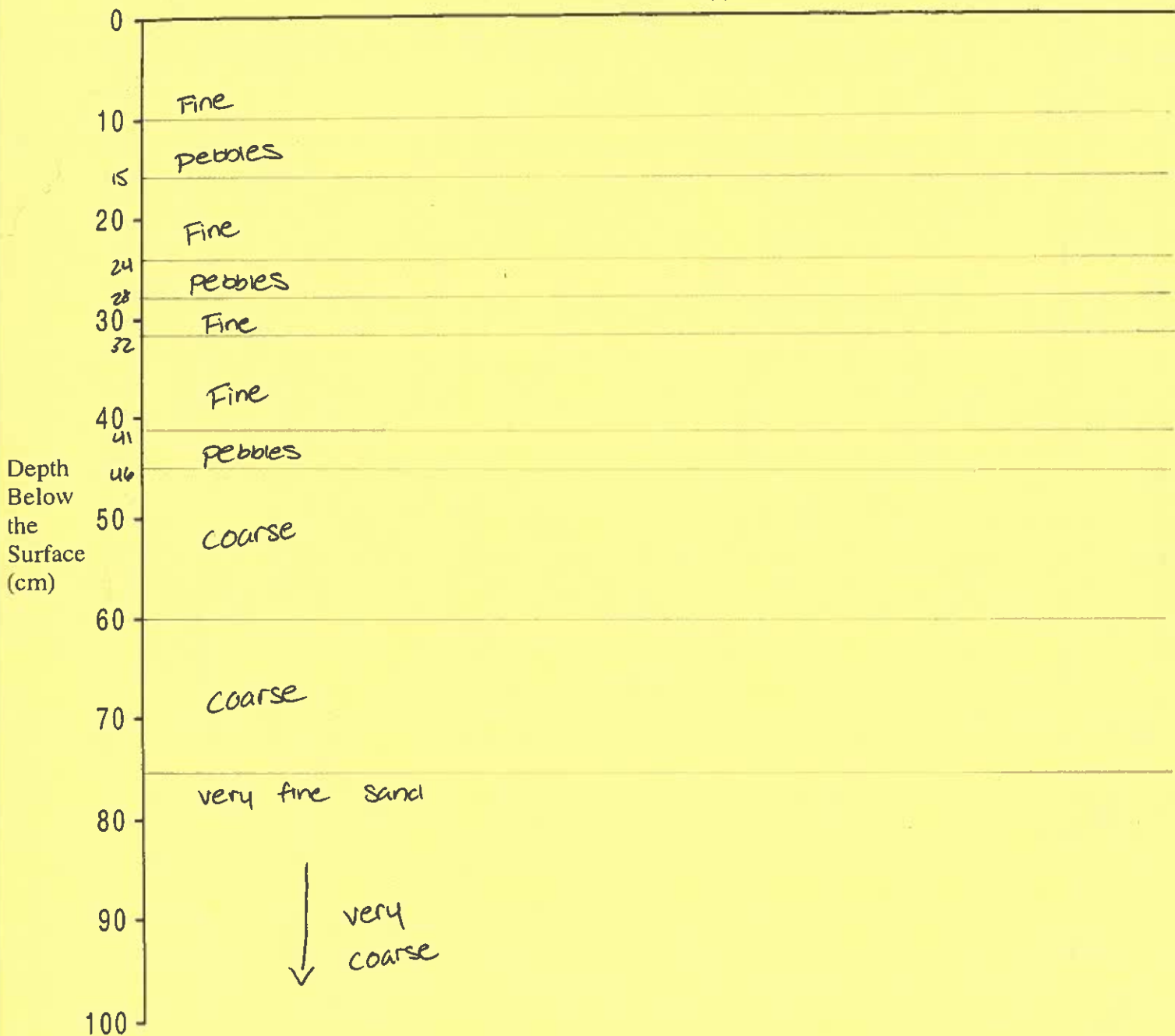
PROJECT OCEANOLOGY



Names: Project Oceanology

Date: 6/18/18 Transect #: 1 Meter#: _____

Sediment Type





PROJECT OCEANOLOGY

Beach Plant Cover Data Sheet



Transect Number: 1 Date: 6/18/18 Location: Salt Pond - Bushy Beach

Names: Project Oceanology

Directions: In column 1 mark down your distance on the transect line (you start and 1 then 2, etc). In column 2 write down the total percent of the quadrat area covered by living plants. In columns 3-7 write down the percent of each species of plant in the quadrat area. NOTE: The total percent (column 2) must equal the sum of columns 3, 4, 5, 6 and 7.

1	2	3	4	5	6	7
Meter (m)	Total Quadrat Area Covered by Plants (%)	Percent Covered by Dune Grass (%)	Percent Covered by Beach Pea (%)	Percent Covered by Beach Rose (%)	Percent Covered by	Percent Covered by
50	0 %	0 %	0 %	0 %		
49	0 %	0 %	0 %	0 %		
48	0 %	0 %	0 %	0 %		
47	0 %	0 %	0 %	0 %		
46	0 %	0 %	0 %	0 %		
45	0 %	0 %	0 %	0 %		
44	0 %	0 %	0 %	0 %		
43	0 %	0 %	0 %	0 %		
42	0 %	0 %	0 %	0 %		
41	0 %	0 %	0 %	0 %		
40	0 %	0 %	0 %	0 %		
39	0 %	0 %	0 %	0 %		
38	0 %	0 %	0 %	0 %		
37	0 %	0 %	0 %	0 %		
36	1 %	1 %	0 %	0 %		

1	2	3	4	5	6	7
Meter (m)	Total Quadrat Area Covered by Plants (%)	Percent Covered by Dune Grass (%)	Percent Covered by Beach Pea (%)	Percent Covered by Beach Rose (%)	Percent Covered by	Percent Covered by
35	17.	17.	0%.	0%.		
34	10%.	10%.	0%.	0%.		
33	8%.	8%.	0%.	0%.		
32	0%.	0%.	0%.	0%.		
31	0%.	0%.	0%.	0%.		
30	0%.	0%.	0%.	0%.		
29	10%.	10%.	0%.	0%.		
28	10%.	10%.	0%.	0%.		
27	0%.	0%.	0%.	0%.		
26	20%.	10%.	10%.	0%.		
25	20%.	10%.	10%.	0%.		
24	30%.	20%.	10%.	0%.		
23	50%.	25%.	25%.	0%.		
22	70%.	35%.	35%.	0%.		
21	100%.	90%.	10%.	0%.		
20	50%.	40%.	10%.	0%.		
19	50%.	40%.	10%.	0%.		
18	40%.	30%.	10%.	0%.		
17	35%.	15%.	20%.	0%.		
16	30%.	20%.	10%.	0%.		
15	25%.	25%.	0%.	0%.		
14	40%.	40%.	0%.	0%.		
13	5%.	0%.	5%.	0%.		



PROJECT OCEANOLOGY

Beach Plant Cover Data Sheet



Transect Number: #1 Date: 6/18/18 Location: Salt Pond - Bushy Beach

Names: Project Oceanology

Directions: In column 1 mark down your distance on the transect line (you start and 1 then 2, etc). In column 2 write down the total percent of the quadrat area covered by living plants. In columns 3-7 write down the percent of each species of plant in the quadrat area. NOTE: The total percent (column 2) must equal the sum of columns 3, 4, 5, 6 and 7.

1	2	3	4	5	6	7
Meter (m)	Total Quadrat Area Covered by Plants (%)	Percent Covered by Dune Grass (%)	Percent Covered by Beach Pea (%)	Percent Covered by Beach Rose (%)	Percent Covered by	Percent Covered by
12	0%	0%	0%	0%		
11	0%	0%	0%	0%		
10	10%	10%	0%	0%		
9	0%	0%	0%	0%		
8	0%	0%	0%	0%		
7	0%	0%	0%	0%		
6	0%	0%	0%	0%		
5	0%	0%	0%	0%		
4	0%	0%	0%	0%		
3	0%	0%	0%	0%		
2	0%	0%	0%	0%		
1	0%	0%	0%	0%		
0	0%	0%	0%	0%		