

S2 Table. List of the sediment samples collected from the main depositional environments. Percentages of the two principal components obtained by point-counting and classification of bioclasts.

Samples	Bioclasts	Non bioclastic	Molluscs	Rhodophytes	Benthic Foraminifers	Echinoids	Brachiopods	Bryozoans
<b><i>Dunes</i></b>								
SG-A1	51	49	31	32	6	3	22	6
SG-A2	54	46	22	42	4	12	12	7
SG-D3	60	40	31	36	7	13	8	4
SG-D4	50	51	20	43	9	10	16	2
SG-B1	53	47	16	55	6	11	10	2
SG-B2	45	55	17	56	8	6	10	2
SG-B3	50	51	16	40	12	12	12	7
SG-C2	58	42	14	54	3	9	16	4
SG-C3	56	44	15	53	7	9	13	3
SG-A3	54	46	23	41	6	10	13	8
SG-A4	51	49	22	49	2	3	17	7
SG-C4	54	46	17	51	11	10	9	2
SG-D2	54	46	15	45	10	12	14	5
SG-B4	54	46	9	36	12	18	14	11
SG-B5	50	50	20	51	6	5	14	3
<i>Min.</i>	45.2	39.8	9	32	2	3	8	2
<i>Max.</i>	60.2	54.8	31	56	12	18	22	11
<b>Mean</b>	<b>53.0</b>	<b>47.1</b>	<b>19</b>	<b>46</b>	<b>7</b>	<b>10</b>	<b>13</b>	<b>5</b>
<b><i>Subaerial beach</i></b>								
SG-45A	54	46	27	42	6	5	17	4
SG-45B	42	58	23	54	6	4	12	0
SG-A5	35	65	22	43	13	4	13	4
SG-A6	35	65	37	33	4	7	15	4
SG-B6	50	50	19	60	0	7	13	0
SG-B7	44	56	25	57	4	1	12	1
SG-C5	29	71	20	51	6	3	20	0
SG-D5	35	65	19	51	0	12	18	0
SG-D6	44	56	19	55	1	7	15	2
SG-STB	17	83	16	68	0	0	16	0
SG-STPD	42	58	19	50	4	13	11	3
<i>Min.</i>	16.7	45.9	16	33	0	0	11	0
<i>Max.</i>	54.1	83.3	37	68	13	13	20	4
<b>Mean</b>	<b>38.9</b>	<b>61.1</b>	<b>22</b>	<b>51</b>	<b>4</b>	<b>6</b>	<b>15</b>	<b>2</b>
<b><i>Coastal wedge</i></b>								
SG-12	53	47.7	27	19	25	6	3	20
SG-13	49	50.8	35	13	19	6	6	21
SG-14	56	43.6	30	22	16	8	11	14
SG-15	50	50.0	30	26	11	6	10	17
SG-16	55	44.9	32	20	14	10	10	15
SG-19	58	41.8	49	14	17	0	6	14
SG-20	50	49.6	54	20	3	0	7	16
SG-21	55	44.7	48	21	6	1	9	15
SG-22	47	52.9	48	19	10	9	4	9
SG-27	55	45.1	30	27	6	10	3	23
SG-28	60	40.1	25	28	15	8	11	14
SG-29	60	39.6	27	27	15	7	11	14
SG-33	52	47.7	47	19	6	10	0	19
SG-34	52	48.0	44	19	4	11	0	23
SG-35	57	42.7	35	24	17	10	0	13
SG-36	60	39.8	39	35	11	5	2	9
SG-37	56	44.0	33	31	10	8	2	16
SG-38	55	45.2	31	38	11	5	2	13
SG-40	54	46.8	50	15	15	4	4	12
SG-41	43	56.8	41	21	17	8	5	8
SG-42	46	53.7	44	22	11	7	7	11
SG-43	51	48.7	46	22	5	6	8	13
SG-44	54	45.5	37	26	10	5	6	15
SG-45	60	39.8	31	28	14	5	5	17
SG-46	58	42.2	22	28	15	5	13	17
SG-47	50	50.1	23	22	14	10	12	18
<i>Min.</i>	43.2	39.6	22	13	3	0	0	8
<i>Max.</i>	60.4	56.8	54	38	25	11	13	23
<b>Mean</b>	<b>53.8</b>	<b>46.2</b>	<b>37</b>	<b>23</b>	<b>12</b>	<b>6</b>	<b>6</b>	<b>15</b>
<b><i>Offshore</i></b>								
SG-26	48	52.3	25	43	0	3	4	24
SG-32	48	52.4	26	32	3	11	7	20
SG-18	47	52.6	18	48	3	4	5	21
P11	70	30.1	33	15	11	18	7	16
P3	45	54.9	28	35	1	14	6	17
P5	62	39.2	30	22	5	16	5	23
P6	61	38.2	33	16	9	16	7	18
P8	65	35.2	36	13	4	18	8	20
<i>Min.</i>	45.1	30.1	18	13	0	3	4	16
<i>Max.</i>	69.9	54.9	36	48	11	18	8	24
<b>Mean</b>	<b>55.7</b>	<b>44.3</b>	<b>29</b>	<b>28</b>	<b>5</b>	<b>13</b>	<b>6</b>	<b>20</b>