

Tidal inlet seafloor changes induced by recently built hard structures

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Supporting Information

S1 Table Grain size and textural parameters of sediment samples. The position of every sample is shown in Fig 5.

Sample	Textural group	Mean	Sorting	Mode 1	Mode 2	D50	Gravel (%)	Sand (%)	Mud (%)
A01	Gravel	5685.66	6.49	12000.00	-	10869.65	83.3	12.9	3.8
A02	Sandy Mud	22.42	4.42	26.70	106.70	25.56	0.0	28.7	71.3
A03	Muddy Sandy Gravel Gravelly	1082.41	7.33	302.00	12000.00	1200.40	45.8	48.5	5.6
A04	Muddy Sand	227.34	4.11	213.50	-	222.39	8.4	82.3	9.3
A05	Muddy Sandy Gravel	958.34	8.63	302.00	12000.00	1395.53	47.1	44.8	8.1
A06	Muddy Sandy Gravel	510.80	14.10	213.50	12000.00	255.95	37.2	44.1	18.7
A07	Slightly Gravelly Sand	242.86	2.51	302.00	-	269.64	0.9	93.7	5.4
A08	Muddy Sandy Gravel	3422.55	11.67	47250.00	12000.00	7358.47	68.6	24.1	7.3
A09	Gravelly Sand	606.94	4.75	302.00	-	362.86	22.9	74.0	3.1
A10	Muddy Sandy Gravel	1439.15	6.58	6000.00	302.00	2542.22	55.5	39.8	4.7
A11	Gravelly Sand	378.84	3.28	302.00	-	338.15	8.3	87.6	4.1
A12	Gravelly Sand	688.69	4.61	427.00	12000.00	462.26	23.7	72.5	3.8
A13	Gravelly Sand	458.24	2.85	427.00	-	432.78	5.4	91.5	3.1
A14	Sandy Gravel	1180.10	7.75	6000.00	163.00	2296.56	52.3	43.8	3.9
A15	Sandy Gravel	1285.05	6.85	302.00	12000.00	1114.69	44.2	52.9	3.0
A16	Sandy Gravel	2308.41	5.69	12000.00	302.00	4044.50	60.8	37.4	1.8
A17	Sand	233.41	1.44	213.50	-	232.40	0.0	100.0	0.0
A18	Muddy Sandy Gravel	882.39	9.52	213.50	12000.00	346.88	39.8	53.1	7.1
A19	Muddy Sandy Gravel	849.83	8.60	213.50	6000.00	389.07	41.4	51.0	7.6
A20	Sandy Gravel	1408.69	6.53	427.00	1500.00	870.51	33.9	64.0	2.2