

Table 1. Sediment grab samples collected off of the southern Long Island shore.

CruiseID	SampleID	Longitude	Latitude	Gravel	Sand	Silt	Clay	SedType	Mean	Median	Stdev	Skew	Kurtosis
96040	1	72.989530	68.42330	0.08	97.7	1.98	0.24	SAND	2.93	2.85	0.65	1.58	29.68
96040	2	72.97640	67.48289	19.0	49.73	0.67	0.41	GR-10%	0.41	0.94	2.56	0.11	0.23
96040	3	72.96378	66.642	60.53	39.01	0.31	0.15	GR-10%	0.97	2.08	2.19	0.14	0.18
96040	04A	72.9694	66.5897	42.0	90.91	2.52	1.16	SAND	1.01	0.81	1.63	1.06	8.53
96040	04B	72.9994	66.6537	50.53	31.87	3.55	4.05	GR-10%	0.66	1.10	3.38	0.47	0.47
96040	5	73.00543	66.5685	0.05	99.55	0.3	0.1	SAND	1.77	1.7	0.65	0.97	25.64
96040	6	73.02325	66.5463	26.43	73.1	0.32	0.15	GR-10%	1.07	0.03	1.25	0.47	6.16
96040	7	73.03742	66.518	0.0	97.42	2.26	0.32	SAND	3.23	3.27	0.6	2.01	37.9
96040	8	73.0369	66.5371	15.05	99.6	0.22	0.12	SAND	1.81	1.72	0.6	1.66	37.43
96040	9	73.0825	66.6275	33.66	65.79	0.34	0.2	GR-10%	0.44	0.28	1.56	0.13	3.65
96040	10	73.11863	66.6298	32.09	87.29	0.42	0.23	GR-10%	0.44	0.55	1.31	0.18	6.54
96040	11	73.12215	66.63927	0.0	94.7	4.58	0.73	SAND	3.47	3.44	0.72	2.66	41.97
96040	12	73.13148	66.61523	0.05	99.71	0.16	0.08	SAND	1.78	1.69	0.64	0.91	20.97
96040	13	73.15442	66.62985	0.0	99.77	0.2	0.02	SAND	1.64	1.58	0.34	3.87	100.7
96040	14	73.16075	66.62577	8.25	88.31	3.43	2.01	SAND	0.93	0.62	1.84	1.28	9.1
96040	15	73.16933	66.6157	13.0	98.75	0.7	0.42	SAND	2.53	2.51	0.78	2.31	29.43
96040	16	73.1997	66.6167	0.0	99.79	0.08	0.0	SAND	1.41	1.17	0.68	0.61	11.73
96040	17	73.14187	66.584	10.9	97.78	0.15	0.09	SAND	1.02	0.98	0.89	0.37	9.5
96040	18	73.11733	66.58107	0.4	97.81	1.27	0.88	SAND	2.76	2.62	0.86	2.51	32.31
96040	19	73.15558	66.57418	21.0	99.59	0.13	0.08	SAND	1.54	1.54	0.67	0.48	18.24
96040	20	73.1688	66.588	5.02	94.88	0.07	0.03	SAND	0.8	0.81	0.99	0.28	3.38
96040	21	73.19517	66.5962	5.4	99.11	0.21	0.14	SAND	1.17	1.19	0.83	0.84	15.33
96040	22	73.16423	66.6193	0.08	99.79	0.04	0.0	SAND	1.14	1.17	0.68	0.61	11.73
96040	23	73.22147	66.609	0.0	99.6	0.32	0.08	SAND	1.89	1.79	0.49	1.05	20.6
96040	24	73.2123	66.5971	0.4	98.34	0.15	0.11	SAND	0.95	0.88	0.89	0.54	10.85
96040	26	73.2002	66.5712	4.43	88.24	4.91	2.42	SAND	1.3	0.89	1.89	1.2	7.24
96040	27	73.19673	66.5842	0.0	99.47	0.36	0.16	SAND	2.56	2.53	0.49	2.7	66.2
96040	28	73.2195	66.54425	0.0	99.53	0.28	0.19	SAND	2.47	2.46	0.59	1.83	39.71
96040	29	73.2308	66.5621	10.3	99.22	0.27	0.21	SAND	1.05	0.98	0.8	1.64	30.09
96040	30	73.2483	66.5687	0.23	99.31	0.26	0.2	SAND	1.5	1.48	0.83	1.02	18.35
96040	31	73.23162	66.5963	0.2	99.43	0.21	0.15	SAND	1.08	1.03	0.72	1.65	32.14
96040	32	73.2631	66.59695	0.1	99.44	0.3	0.17	SAND	1.4	1.42	0.69	1.61	36.32
96040	33A	73.26768	66.5818	0.0	98.94	0.73	0.33	SAND	2.3	2.31	0.86	0.98	16.37
96040	33B	73.26462	66.58465	2.98	96.63	0.2	0.19	SAND	1.03	1.06	1.1	0.16	11.24
96040	33C	73.2667	66.58525	0.0	99.42	0.37	0.21	SAND	2.09	2.1	0.67	1.66	31.07
96040	34	73.27733	66.60883	8.6	97.8	1.88	0.73	SAND	1.57	1.59	2.1	0.25	1.93
96040	34B	73.27828	66.60818	0.0	97.8	1.88	0.33	SAND	2.77	2.75	0.84	1.01	13.7
96040	36	73.29455	66.5898	0.14	99.28	0.36	0.21	SAND	2.29	2.32	0.7	1.21	25.58
96040	37	73.30447	66.5985	0.04	99.78	0.11	0.07	SAND	1.14	1.14	0.7	0.92	16.53
96040	38	73.32423	66.58312	0.0	99.6	0.18	0.15	SAND	0.91	0.78	0.76	1.6	26.77
96040	40	73.3386	66.61193	0.0	98.78	0.78	0.43	SAND	1.52	1.49	0.6	1.9	20.87
96040	41	73.3665	66.60802	0.0	90.45	6.88	2.67	SAND	3.41	3.28	1.31	1.39	9.66
96040	42	73.37838	66.58298	0.3	98.23	1.07	0.4	SAND	2.49	2.46	0.89	1.01	15.52
96040	43	73.37805	66.58287	8.53	90.48	1.96	1.02	SAND	1.71	1.74	1.67	0.35	4.27
96040	42B	73.37588	66.574	0.0	99.76	0.15	0.09	SAND	2.15	2.22	0.56	0.85	28.71
96040	44	73.37513	66.5657	0.0	99.79	0.12	0.09	SAND	1.31	1.38	0.62	1.03	32.51
96040	45	73.4083	66.5687	0.0	99.53	0.3	0.12	SAND	1.68	1.68	0.8	1.11	46.57
96040	46	73.4424	66.57745	0.04	95.6	0.28	0.08	SAND	0.85	0.78	0.95	0.33	8.51
96040	47	73.44352	66.56133	0.49	99.31	0.12	0.08	SAND	1.73	1.66	0.6	0.8	27.69
96040	48	73.47068	66.57895	1.7	98.77	0.93	0.13	SAND	2.46	2.47	0.74	0.23	15.94
97011	1	73.10383	66.5555	7.2	98.97	0.15	0.15	SAND	1.67	1.63	0.76	0.52	23.09
97011	2	73.10282	66.57336	0.0	97.61	0.31	0.2	SAND	1.4	1.4	0.28	0.37	17.18
97011	3	73.10282	66.57336	0.0	99.23	0.4	0.37	SAND	0.88	0.71	0.83	2.85	47.5
97011	4	73.10799	66.5753	0.63	60.83	23.29	15.25	SLSD	4.52	3.39	2.61	0.34	0.77
97011	5	73.0931	66.56949	4.2	98.52	0.63	0.45	SAND	1.47	1.42	0.98	1.58	22.4
97011	6	73.09588	66.5799	0.08	99.16	0.43	0.33	SAND	2.52	2.5	0.69	1.75	42.63
97011	7	73.08722	66.572	0.0	99.3	0.41	0.29	SAND	2.49	2.49	0.7	1.33	36.43
97011	8	73.08628	66.5697	0.0	99.07	0.49	0.38	SAND	2.7	2.61	0.61	3.56	68.8
97011	9	73.08963	66.5949	0.0	99.3	0.43	0.28	SAND	4.3	3.44	0.66	1.81	39.8
97011	10	73.09187	66.5963	0.0	72.66	16.8	10.54	SLSD	3.87	2.76	2.42	0.62	0.1
97011	11	73.08286	66.6085	1.6	99.59	0.17	0.08	SAND	1.51	1.5	0.67	0.89	20.1
97011	12	73.0717	66.58679	0.0	99.26	0.42	0.31	SAND	1.49	1.46	0.81	1.85	32.55
97011	13	73.05491	66.58544	2.7	99.47	0.17	0.1	SAND	1.22	1.19	0.73	1.1	17.86
97011	14	73.06828	66.59423	1.4	99.39	0.21	0.26	SAND	1.81	1.71	0.65	2.51	52.75
97011	15	73.05548	66.59616	3.7	99.07	0.3	0.15	SAND	1.63	1.63	0.69	0.85	18.11
97011	16	73.05548	66.59616	3.7	99.19	0.23	0.21	SAND	1.86	1.38	0.78	1.29	26.55
97011	17	73.0444	66.59419	1.3	99.49	0.2	0.19	SAND	1.39	1.39	0.74	1.41	21.14
97011	18	73.04708	66.6077	0.2	98.5	0.6	0.71	SAND	1.01	0.88	1.03	2.43	36.46
97011	19	73.03146	66.60481	0.14	99.69	0.1	0.06	SAND	1.08	1.04	0.65	1.16	22.43
97011	20	73.0645	66.6097	2.2	99.56	0.1	0.12	SAND	1.43	1.44	0.73	0.92	21.32
97011	21	73.0483	66.6167	0.0	99.46	0.3	0.19	SAND	1.6	1.6	0.87	1.11	37.96
97011	22	73.03784	66.61781	0.0	99.58	0.24	0.18	SAND	1.18	1.11	0.76	1.68	29.24
97011	23	73.02538	66.6137	3.3	99.49	0.09	0.08	SAND	1.06	0.93	0.75	0.96	15.05
97011	24	73.01674	66.61376	0.8	98.93	0.11	0.15	SAND	0.98	0.86	0.85	0.99	16.89
97011	25	73.00761	66.60493	0.6	99.23	0.09	0.07	SAND	0.98	0.89	0.66	1.09	24.34
97011	26	73.01004	66.62119	0.0	99.79	0.11	0.11	SAND	0.88	0.78	0.61	2.07	47.37
97011	27	73.00842	66.6183	7.6	99.04	0.13	0.07	SAND	0.85	0.76	0.72	0.82	18.3
97011	28	73.00983	66.6139	7.3	97.09	0.9	0.09	SAND	0.5	0.49	0.6	1.1	21.57
97011	29	72.9799	66.61754	31.75	87.88	0.2	0.17	GR-10%	0.32	0.38	1.02	0.73	12.78
97011	30	72.9679	66.61719	5.7	90.1	0.18	0.15	SAND	0.5	0.55	1.01	0.42	10.75
97011	31	72.99435	66.6143	7.3	98.08	0.11	0.08	SAND	0.84	0.81	0.68	1.25	