

Sample	Depth (CCSF- A, mbsf)	AGE (ka)	Mean (μm)	Sorting	Mean	Sorting
U1345A 12H-4 66 cm	112.97	368.82	20.1	2.9	Coarse Silt	Poorly Sorted
U1345A 12H-4 85 cm	113.16	369.24	17.8	3.0	Coarse Silt	Poorly Sorted
U1345A 12H-4 126 cm	113.57	370.15	14.0	2.8	Medium Silt	Poorly Sorted
U1345A 12H-5 8 cm	113.83	370.72	18.7	2.8	Coarse Silt	Poorly Sorted
U1345A 12H-5 34 cm	114.09	371.30	18.4	2.6	Coarse Silt	Poorly Sorted
U1345A 12H-5 86 cm	114.61	371.88	17.2	2.8	Coarse Silt	Poorly Sorted
U1345A 12H-5 60 cm	114.35	372.45	17.1	2.7	Coarse Silt	Poorly Sorted
U1345A 12H-5 112 cm	114.87	373.03	19.1	2.9	Coarse Silt	Poorly Sorted
U1345A 12H-5 138 cm	115.13	373.61	16.0	2.9	Coarse Silt	Poorly Sorted
U1345A 12H-6 14 cm	115.39	374.03	11.9	2.5	Medium Silt	Poorly Sorted
U1345A 12H-6 40 cm	115.65	374.87	15.7	3.1	Coarse Silt	Poorly Sorted
U1345A 12H-6 66 cm	115.91	375.65	12.9	2.8	Medium Silt	Poorly Sorted
U1345A 12H-6 85 cm	116.10	376.24	13.5	2.9	Medium Silt	Poorly Sorted
U1345A 12H-6 105 cm	116.30	376.86	19.9	3.3	Coarse Silt	Poorly Sorted
U1345A 12H-6 126 cm	116.51	377.51	14.8	2.9	Medium Silt	Poorly Sorted
U1345A 12H-6 146 cm	116.71	378.13	17.2	2.9	Coarse Silt	Poorly Sorted
U1345A 12H-7 35 cm	117.10	379.34	17.7	2.8	Coarse Silt	Poorly Sorted
U1345A 12H-7 55 cm	117.30	379.96	15.0	2.8	Medium Silt	Poorly Sorted
U1345A 12H-7 73 cm	117.48	380.51	16.5	2.7	Coarse Silt	Poorly Sorted
U1345A 12H-7 90 cm	117.61	381.04	16.3	2.8	Coarse Silt	Poorly Sorted
U1345A 12H-CC 25 cm	117.87	381.82	22.8	3.1	Coarse Silt	Poorly Sorted
U1345C 12H-5 4 cm	118.07	382.44	23.2	4.3	Coarse Silt	Very Poorly Sorted
U1345C 12H-5 24 cm	118.27	383.06	22.0	3.1	Coarse Silt	Poorly Sorted
U1345C 12H-5 44 cm	118.47	383.68	17.5	2.7	Coarse Silt	Poorly Sorted
U1345C 12H-5 64 cm	118.67	384.30	20.2	2.9	Coarse Silt	Poorly Sorted
U1345C 12H-5 84 cm	118.87	384.92	19.8	3.1	Coarse Silt	Poorly Sorted
U1345C 12H-5 104 cm	119.07	385.54	16.8	2.9	Coarse Silt	Poorly Sorted
U1345C 12H-5 124 cm	119.27	386.16	12.7	2.7	Medium Silt	Poorly Sorted
U1345C 12H-5 144 cm	119.47	386.78	13.7	3.1	Medium Silt	Poorly Sorted
U1345C 12H-6 16 cm	119.67	387.40	13.8	2.9	Medium Silt	Poorly Sorted
U1345C 12H-6 36 cm	119.87	388.02	15.4	2.8	Medium Silt	Poorly Sorted
U1345C 12H-6 56 cm	120.07	388.64	20.2	3.0	Coarse Silt	Poorly Sorted
U1345C 12H-6 76 cm	120.27	389.26	19.4	2.9	Coarse Silt	Poorly Sorted
U1345A 13H-1 55 cm	120.65	390.42	18.9	2.8	Coarse Silt	Poorly Sorted
U1345A 13H-1 75 cm	120.85	391.04	16.9	2.9	Coarse Silt	Poorly Sorted
U1345A 13H-2 5 cm	121.05	391.63	16.6	2.9	Coarse Silt	Poorly Sorted
U1345A 13H-2 22 cm	121.22	392.16	16.2	3.1	Coarse Silt	Poorly Sorted
U1345A 13H-2 42 cm	121.42	392.78	17.4	3.3	Coarse Silt	Poorly Sorted
U1345A 13H-2 62 cm	121.62	393.40	11.6	2.9	Medium Silt	Poorly Sorted
U1345A 13H-2 82 cm	121.82	394.02	17.5	3.0	Coarse Silt	Poorly Sorted
U1345A 13H-2 102 cm	122.02	394.64	18.0	3.2	Coarse Silt	Poorly Sorted
U1345A 13H-2 122 cm	122.22	395.26	21.4	3.1	Coarse Silt	Poorly Sorted
U1345A 13H-2 142 cm	122.42	395.88	23.2	3.3	Coarse Silt	Poorly Sorted
U1345A 13H-3 12 cm	122.62	396.50	18.0	3.2	Coarse Silt	Poorly Sorted
U1345A 13H-3 32 cm	122.82	397.12	17.3	3.1	Coarse Silt	Poorly Sorted
U1345A 13H-3 52 cm	123.02	397.74	16.9	2.9	Coarse Silt	Poorly Sorted

Sample	Depth (CCSF- A, mbsf)	AGE (ka)	Mean (μm)	Sorting	Mean	Sorting
U1345A 13H-3 72 cm	123.22	399.02	15.9	2.9	Coarse Silt	Poorly Sorted
U1345A 13H-3 96 cm	123.46	399.85	17.1	3.1	Coarse Silt	Poorly Sorted
U1345A 13H-3 112 cm	123.62	400.40	20.1	2.9	Coarse Silt	Poorly Sorted
U1345A 13H-3 132 cm	123.82	401.09	27.3	3.2	Coarse Silt	Poorly Sorted
U1345A 13H-4 6 cm	124.06	401.92	28.5	3.2	Coarse Silt	Poorly Sorted
U1345A 13H-4 22 cm	124.22	402.47	30.3	3.3	Coarse Silt	Poorly Sorted
U1345A 13H-4 42 cm	124.42	403.16	48.9	3.3	Very Coarse Silt	Poorly Sorted
U1345A 13H-4 62 cm	124.62	403.85	69.6	2.9	Very Fine Sand	Poorly Sorted
U1345A 13H-4 82 cm	124.82	404.54	58.4	2.8	Very Coarse Silt	Poorly Sorted
U1345A 13H-4 102 cm	125.02	405.23	34.3	2.9	Very Coarse Silt	Poorly Sorted
U1345A 13H-4 122 cm	125.22	405.92	26.3	2.9	Coarse Silt	Poorly Sorted
U1345A 13H-4 142 cm	125.42	406.61	45.9	2.9	Very Coarse Silt	Poorly Sorted
U1345A 13H-5 12 cm	125.62	407.20	25.1	2.7	Coarse Silt	Poorly Sorted
U1345A 13H-5 32 cm	125.82	407.89	21.4	2.8	Coarse Silt	Poorly Sorted
U1345A 13H-5 52 cm	126.02	408.58	20.3	2.8	Coarse Silt	Poorly Sorted
U1345A 13H-5 72 cm	126.22	409.27	19.4	2.8	Coarse Silt	Poorly Sorted
U1345A 13H-5 92 cm	126.42	409.96	22.1	2.8	Coarse Silt	Poorly Sorted
U1345A 13H-5 112 cm	126.62	410.65	21.6	2.8	Coarse Silt	Poorly Sorted
U1345A 13H-5 132 cm	126.82	411.34	17.3	2.8	Coarse Silt	Poorly Sorted
U1345A 13H-6 2 cm	127.02	412.03	21.0	3.0	Coarse Silt	Poorly Sorted
U1345A 13H-6 22 cm	127.22	412.72	22.7	3.0	Coarse Silt	Poorly Sorted
U1345A 13H-6 42 cm	127.42	413.41	20.5	2.7	Coarse Silt	Poorly Sorted
U1345A 13H-6 62 cm	127.62	414.10	20.7	2.8	Coarse Silt	Poorly Sorted
U1345A 13H-6 82 cm	127.82	414.79	17.3	2.8	Coarse Silt	Poorly Sorted
U1345A 13H-6 102 cm	128.02	415.48	17.3	2.8	Coarse Silt	Poorly Sorted
U1345A 13H-6 122 cm	128.22	416.17	19.7	3.0	Coarse Silt	Poorly Sorted
U1345A 13H-6 142 cm	128.42	416.86	16.8	2.8	Coarse Silt	Poorly Sorted
U1345A 13H-7 12 cm	128.62	417.55	21.1	2.9	Coarse Silt	Poorly Sorted
U1345A 13H-7 32 cm	128.82	418.24	20.5	2.9	Coarse Silt	Poorly Sorted
U1345A 13H-7 52 cm	129.02	418.93	20.3	2.9	Coarse Silt	Poorly Sorted
U1345A 13H-7 72 cm	129.22	419.62	21.8	3.0	Coarse Silt	Poorly Sorted
U1345A 13H-7 92 cm	129.42	420.31	24.8	3.0	Coarse Silt	Poorly Sorted
U1345A 13H-7 112 cm	129.62	421.00	22.7	3.0	Coarse Silt	Poorly Sorted
U1345A 13H-7 132 cm	129.82	421.69	19.1	2.9	Coarse Silt	Poorly Sorted
U1345A 13H-CC 2 cm	129.92	421.90	23.2	2.9	Coarse Silt	Poorly Sorted
U1345A 13H-CC 13 cm	130.03	422.28	25.2	2.9	Coarse Silt	Poorly Sorted
U1345D 13H-4 100 cm	130.17	423.05	24.3	2.8	Coarse Silt	Poorly Sorted
U1345D 13H-4 115 cm	130.32	423.56	22.3	2.7	Coarse Silt	Poorly Sorted
U1345D 13H-4 145 cm	130.62	423.61	23.8	2.8	Coarse Silt	Poorly Sorted
U1345D 13H-5 10 cm	130.77	424.05	19.9	2.7	Coarse Silt	Poorly Sorted
U1345D 13H-4 130 cm	130.47	424.08	19.3	2.7	Coarse Silt	Poorly Sorted
U1345A 14H-1 12 cm	130.92	424.51	14.1	2.7	Medium Silt	Poorly Sorted
U1345A 14H-1 32 cm	131.12	425.10	15.4	2.8	Medium Silt	Poorly Sorted
U1345A 14H-1 49 cm	131.29	425.61	14.2	2.7	Medium Silt	Poorly Sorted
U1345A 14H-2 6 cm	131.37	425.79	13.1	2.6	Medium Silt	Poorly Sorted
U1345A 14H-2 22 cm	131.53	426.27	14.6	2.8	Medium Silt	Poorly Sorted

Sample	Depth (CCSF- A, mbsf)	AGE (ka)	Mean (μm)	Sorting	Mean	Sorting
U1345A 14H-2 42 cm	131.73	426.86	13.8	2.4	Medium Silt	Poorly Sorted
U1345A 14H-2 62 cm	131.93	427.46	15.2	2.7	Medium Silt	Poorly Sorted
U1345A 14H-2 82 cm	132.13	428.05	16.0	3.0	Coarse Silt	Poorly Sorted
U1345A 14H-2 99 cm	132.30	428.56	16.7	2.9	Coarse Silt	Poorly Sorted
U1345A 14H-2 130 cm	132.61	429.48	13.3	2.3	Medium Silt	Poorly Sorted
U1345A 14H-3 15 cm	132.92	430.41	13.5	2.4	Medium Silt	Poorly Sorted
U1345A 14H-3 40 cm	133.17	431.15	11.7	2.5	Medium Silt	Poorly Sorted
U1345A 14H-3 66 cm	133.43	431.93	10.9	2.8	Medium Silt	Poorly Sorted
U1345A 14H-3 95 cm	133.72	432.79	13.4	2.8	Medium Silt	Poorly Sorted
U1345A 14H-3 135 cm	134.12	433.98	13.9	2.8	Medium Silt	Poorly Sorted
U1345A 14H-4 10 cm	134.37	434.73	17.6	2.9	Coarse Silt	Poorly Sorted
U1345A 14H-4 36 cm	134.63	435.50	12.8	2.9	Medium Silt	Poorly Sorted
U1345A 14H-4 65 cm	134.92	436.37	17.2	3.0	Coarse Silt	Poorly Sorted
U1345A 14H-4 96 cm	135.23	437.29	11.5	2.5	Medium Silt	Poorly Sorted
U1345A 14H-4 145 cm	135.72	438.75	13.3	2.9	Medium Silt	Poorly Sorted
U1345A 14H-5 29 cm	136.06	439.76	19.4	3.0	Coarse Silt	Poorly Sorted
U1345A 14H-5 63 cm	136.40	440.78	10.1	3.5	Medium Silt	Poorly Sorted

Table S1. Grain size analysis using the Folk and Ward method (Blott and Pye, 2001) for calculating mean grain size and sorting both in quantitative and descriptive terms.