

Table 2.2: Grain size analysis of core samples from Kahoolawe. Size fractions are categorized as silt (< 63  $\mu$ m); fine sand (> 63  $\mu$ m but < 500  $\mu$ m) and coarse sand (> 500  $\mu$ m). Numbers after site name indicate area of sampling with 1 nearest beach and 5 farthest away. Letters indicate two layers (subsurface and surface) of cores.

<i>Site Name</i>	<i>Distance from shore (m)</i>	<i>Depth (m)</i>	<i>Silt</i>	<i>Fine Sand</i>	<i>Coarse Sand</i>	<i>Description of sediments</i>
LAE PAKI 2	50	2.70	5.34	76.21	18.45	light brown sand with white grains
LAE PAKI 3	100	7.20	3.43	86.35	10.22	light brown sand with white grains
LAE PAKI 4A	150	8.70	9.41	60.14	30.45	light brown sand with white grains
LAE PAKI 4B	150	8.70	3.60	95.20	1.20	dark brown sand and silt
LAE PAKI 5A	200	10.20	5.92	86.75	7.33	dark brown sand with white grains
LAE PAKI 5B	200	10.20	6.80	90.91	2.29	dark brown sand and clay chunks
HONOKOA 1	0	0.00	3.32	5.22	91.46	brown sand with black grains and some pebbles
HONOKOA 2	50	0.75	6.30	9.53	84.18	light brown sand with white grains and pebbles
HONOKOA 3A	100	2.44	4.63	7.53	87.84	medium brown sand with pebbles
HONOKOA 3B	100	2.44	11.03	46.22	42.76	dark brown silt and black clay chunks
HONOKOA 4	150	3.66	4.80	11.11	84.09	brown sand with dark brown silt and pebbles
Table 2.2: con't HONOKOA 5	200	8.23	0.58	2.93	96.49	brown sand with dark brown silt and pebbles
HONOKOA 6A	250	8.53	0.77	6.79	92.44	pebbles with brown sand and some large gravel
HONOKOA 6B	250	8.53	13.91	25.73	60.36	dark brown sand and silt

AHUPU 2	50	1.14	4.61	95.06	0.33	dark brown sand with silt
AHUPU 3A	100	2.97	5.53	90.88	3.59	medium brown sand with white grains
AHUPU 3B	100	2.97	9.93	81.35	8.71	dark brown sand with clay chunks
AHUPU 4A	150	4.49	18.59	68.45	12.97	medium brown sand with pebbles and white grains
AHUPU 4B	150	4.49	6.36	88.23	5.41	dark brown sand with clay chunks
KAUKAMOKU 1	0	0.00	5.42	46.58	47.99	dark brown sand with white grains
KAUKAMOKU 2	50	2.29	2.17	89.87	7.96	dark brown sand with white grains
KAUKAMOKU 3	100	2.89	3.70	87.49	8.81	dark brown sand with white grains
KAUKAMOKU 4A	150	4.42	4.83	92.04	3.14	brown sand with white grains and silt
KAUKAMOKU 4B	150	4.42	11.05	87.78	1.17	dark brown sand and silt
PAPAKAIKI 1	0	0.00	5.54	34.45	60.01	dark brown with large pebbles and gravel pieces
Table 2.2: con't						
PAPAKAIKI 2	50	2.29	6.84	89.36	3.80	medium brown sand with white grains
PAPAKAIKI 3A	100	4.42	7.80	91.33	0.87	dark brown sand with white grains
PAPAKAIKI 3B	100	4.42	12.12	85.73	2.16	dark brown sand and clay chunks
PAPAKAIKI 4A	150	6.55	30.80	62.05	7.15	medium brown sand with white grains
PAPAKAIKI 4B	150	6.55	15.36	83.94	0.70	dark brown sand and clay chunks

