

Sample No.	Core No.	Seafloor Depth (m, MSL)	Depth Below Seafloor (m) <sup>†</sup>	Description*	Calibrated Age <sup>‡</sup> (BP)	Cal. Age Range (2σ)	lat & long
<b>Kailua, Oahu</b>							
SOC1-2-70	K20	10.4	0.09	IS coral	5046	5267-4888	21 24.977°N 157 42.957°W
SOC1-7-332	K20	10.4	2.79	IS coral	5709	5865-5593	21 24.977°N 157 42.957°W
NEU3-05-105	K21	13.1	1.35	IS coral	5270	5438-5013	21 25.083°N 157 42.797°W
NEU3-12-365	K21	13.1	3.95	IS coral	5718	5892-5583	21 25.083°N 157 42.797°W
NEU3-26-753	K21	13.1	7.83	IS coral	6577	6786-6347	21 25.083°N 157 42.797°W
NEU3-30-1080	K21	13.1	11.10	IS coral	7080	7018-7142	21 25.083°N 157 42.797°W
KAE1-1-10	K27	10.4	0.10	IS coral	5598	5762-5456	21 24.745°N 157 42.755°W
KAE1-3-115	K27	10.4	1.15	IS coral	6357	6505-6226	21 24.745°N 157 42.755°W
<b>Hale O Lono, Molokai</b>							
H18-D1-T	HOL18	5.5	0.23	IS coral	4812	4614-4935	21 05' 07"N 157 15' 36"W
H18-D3-B	HOL18	5.5	1.62	IS coral	5427	5279-5553	21 05' 07"N 157 15' 36"W
Hale46-2A	HOL46-2	14.0	0.58	IS coral	6667	6646-6977	21 04' 54"N 157 15' 43"W
Hale69-1A1	HOL69-1	21.0	0.24	IS coral	8110	8041-8323	21 04' 47"N 157 15' 39"W
H69-1-D2-B	HOL69-1	21.0	0.44	IS coral	8147	7992-8287	21 04' 47"N 157 15' 39"W
<b>Hikauhi, Molokai</b>							
R13-D1-B	ROCKS13	4.0	0.18	IS coral	modern	modern	21 05' 01"N 157 10' 00"W
R13-D4-B	ROCKS13	4.0	2.38	IS coral	303	229-463	21 05' 01"N 157 10' 00"W
R13-D5-B	ROCKS13	4.0	3.57	IS coral	500	394-618	21 05' 01"N 157 10' 00"W
R32-D2-T	ROCKS32	9.8	0.77	IS coral	modern	modern	21 04' 55"N 157 10' 00"W
R32-D2-B	ROCKS32	9.8	1.43	IS coral	140	43-263	21 04' 55"N 157 10' 00"W

R32-D4-T	ROCKS32	9.8	2.51	IS coral	398	280-473	21 04' 55"N 157 10' 00"W
R65-D2-B	ROCKS65	19.8	0.91	IS coral	83	0-238	21 04' 50"N 157 10' 07"W
R65-D3-B	ROCKS65	19.8	2.08	IS coral	502	419-609	21 04' 50"N 157 10' 07"W
<b>Punaluu, Oahu</b>							
Punaluu12	reef flat #6	1.0	0.16	IS coral	55, 17	305-0	21 35' 13"N 157 53' 12"W
Punaluu13	reef flat #7	1.0	0.15	coral rubble	5326	5595-5035	21 35' 13"N 157 53' 12"W
Punaluu14	reef flat #7	1.0	0.63	coral rubble	5609	5886-5427	21 35' 13"N 157 53' 12"W
Punaluu28	reef crest	1.2	0.65	NIS coral	4920	5283-4672	21 35' 22"N 157 53' 00"W
Punaluu29	reef crest	1.2	0.84	gastropod	4857	5255-4600	21 35' 22"N 157 53' 00"W
Punaluu03	reef crest	1.2	1.60	ECA	5553	5741-5277	21 35' 22"N 157 53' 00"W
Punaluu17	11.3 m core	11.3	0.10	coral rubble	6640	6901-6382	21 35' 37"N 157 52' 41"W
Punaluu19	11.3 m core	11.3	0.83	IS coral	6950	7235-6671	21 35' 37"N 157 52' 41"W
<b>Mana, Kauai</b>							
Mana62	NA	18.9	0	IS coral	modern	modern	22.117N 159.767W
Mana63	NA	18.9	0.3	IS coral	modern	modern	22.117N 159.767W
Mana65	NA	18.9	0.9	IS coral	7358	7462-7213	22.117N 159.767W
Mana75	NA	18.9	4.0	IS coral	4543	4738-4412	22.117N 159.767W
Mana80	NA	18.9	5.5	IS coral	6882	7047-6730	22.117N 159.767W
Mana84	NA	18.9	6.7	IS coral	6616	6764-6416	22.117N 159.767W
Mana89	NA	18.9	8.4	IS coral	8279	8383-8107	22.117N 159.767W

\* IS=*in situ*; NIS=*non-in situ*; ECA=encrusting coralline algae;

† depths below seafloor at Mana site are reported as depths below top of reef surface adjacent to the wall from which samples were collected

‡ all dates are NOSAMS <sup>14</sup>C AMS analysis except sample NEU3-30-1080 which is from TIMS <sup>230</sup>Th analysis