

# APPENDIX I. CARBON AND CARBONATE ANALYSIS, LEG 76<sup>1</sup>

The Deep Sea Drilling Project, La Jolla, California

## Appendix I. (Continued).

Sample (cm level)	Sub-bottom depth (m)	Total carbon	Percent organic	CaCO <sub>3</sub>	Sample (cm level)	Sub-bottom depth (m)	Total carbon	Percent organic	CaCO <sub>3</sub>
533-1-2, 76	2.26	3.0	0.7	19	533A-17-4, 60	280.60	3.6	1.1	20
533-2-1, 20	2.90	2.8	0.6	18	533A-18-2, 50	287.00	2.5	1.0	13
533-5-1, 9	8.49	1.9	0.4	12	533A-18-4, 50	290.00	2.7	1.1	13
533-6-1, 96	12.36	5.7	0.6	43	533A-19-2, 60	296.60	2.8	1.1	14
533-8-2, 40	22.30	1.8	0.4	12	533A-19-5, 60	301.10	3.0	1.0	16
533-9-2, 49	26.89	2.5	0.5	16	533A-20-2, 80	306.30	2.7	0.8	15
533-10-2, 40	31.30	4.4	0.6	32	533A-20-3, 63	307.63	3.0	1.0	17
533-11-2, 60	36.00	2.0	0.4	13	533A-21-2, 96	315.96	3.3	1.1	18
533-12-2, 45	40.35	3.9	0.6	28	533A-21-5, 95	320.45	3.5	1.1	20
533-13-1, 67	43.57	5.7	0.3	45	533A-22-5, 60	329.60	3.8	1.1	23
533-14-2, 93	49.43	2.3	0.4	16	533A-22-7, 40	332.40	3.3	1.1	19
533-15-2, 80	53.80	6.0	0.5	46	533A-23-1, 100	333.50	4.3	1.1	26
533-17-2, 79	61.79	1.5	0.4	10	533A-23-3, 101	336.51	3.3	1.1	18
533-18, CC (6)	67.45	4.4	0.5	33	533A-24-1, 28	342.28	3.9	1.1	23
533-19, CC (27)	71.60	4.0	0.7	28	533A-24-3, 80	345.80	3.1	1.0	17
533-20-2, 124	75.74	3.7	0.5	26	533A-25-3, 60	355.10	3.3	1.2	18
533-21-2, 105	80.05	4.4	0.3	34	533A-25-6, 100	360.00	2.9	1.1	15
533-22-2, 80	84.30	5.1	0.7	37	533A-26-1, 29	361.29	2.9	1.1	14
533-24-2, 40	92.90	4.2	0.6	30	533A-26-3, 128	365.28	3.5	0.0	29
533-25-3, 100	99.50	3.1	0.5	22	533A-27-2, 38	372.38	2.8	1.1	14
533-26-1, 80	100.80	5.0	0.6	37	533A-27-6, 32	378.32	2.5	1.1	12
533-27-3, 27	107.77	5.6	0.4	43	533A-28-1, 100	381.00	2.9	1.1	15
533-28-1, 40	109.40	2.7	0.4	20	533A-28-2, 72	382.22	3.1	1.2	16
533-29-1, 32	113.82	2.2	0.3	15	533A-29-3, 114	395.34	2.5	0.8	14
533-31-3, 80	126.30	4.5	0.9	30	533A-29-4, 140	397.10	2.0	0.9	9
533-32-2, 81	129.31	2.4	0.4	17	534-1-1, 36	0.36	6.0	0.2	48
533-33-2, 80	133.80	3.6	0.6	25	534-1-1, 115	1.15	3.6	0.3	27
533-34-1, 90	136.90	2.5	0.2	19	534A-2-1, 118	546.98	4.3	1.4	25
533-35-2, 30	142.30	5.0	0.3	39	534A-3-1, 147	556.87	10.1	0.3	82
533-37-2, 79	148.79	3.5	0.4	25	534A-3-2, 119	558.09	4.0	1.5	20
533-38-2, 110	152.10	2.5	0.5	16	534A-4-1, 147	566.47	11.5	0.1	95
533-39-3, 70	157.70	2.8	1.0	15	534A-4-2, 109	567.59	3.6	0.9	23
533-40-1, 102	159.52	2.8	1.1	14	534A-5-2, 64	576.64	6.0	1.4	39
533-41-1, 50	163.50	2.3	1.4	8	534A-5-3, 37	577.87	4.3	0.6	31
533A-6-2, 70	173.20	2.0	0.7	11	534A-6-1, 66	584.66	10.3	0.5	81
533A-6-5, 90	177.90	1.9	0.8	9	534A-6-4, 93	589.43	10.1	0.3	82
533A-7-1, 90	181.40	2.0	0.8	10	534A-7-2, 122	596.22	4.9	0.9	33
533A-8-1, 50	190.50	2.9	1.1	14	534A-7-4, 94	598.94	11.1	0.2	91
533A-8-2, 75	192.25	3.4	1.1	19	534A-10-2, 52	614.52	4.0	0.9	26
533A-9-4, 40	204.40	2.8	0.8	16	534A-10-4, 20	617.20	11.2	0.1	93
533A-9-6, 20	207.20	2.7	0.4	19	534A-11-1, 64	622.64	7.4	0.4	58
533A-10-6, 18	216.68	2.8	1.4	12	534A-12-1, 121	632.71	6.2	0.7	46
533A-11-1, 80	219.30	3.1	1.4	14	534A-12-3, 135	635.85	8.7	0.5	68
533A-11-6, 81	226.81	3.2	1.3	17	534A-13-1, 16	641.16	1.7	0.7	9
533A-13-1, 25	237.75	2.9	1.3	13	534A-13-3, 21	644.21	0.6	0.2	3
533A-13-1, 93	238.43	2.8	1.3	13	534A-14-1, 82	651.32	4.2	1.1	26
533A-14-1, 37	247.37	3.4	1.3	17	534A-14-4, 130	656.30	11.0	0.1	91
533A-15-2, 87	258.87	2.6	1.1	13	534A-15-1, 110	661.10	9.1	0.3	74
533A-16-3, 80	269.80	3.1	1.1	17	534A-16-1, 8	669.58	9.1	0.3	74
533A-16-7, 30	275.30	3.6	1.3	19	534A-16-2, 142	672.42	9.5	0.3	77
533A-17-1, 60	276.10	3.7	1.1	22	534A-17-1, 83	679.33	9.8	0.2	80
					534A-17-6, 108	687.08	10.4	0.1	85
					534A-18-1, 140	688.90	9.8	0.3	79
					534A-18-2, 32	689.32	9.8	0.3	80

<sup>1</sup> Sheridan, R. E., Gradstein, F. M., et al., *Init. Repts. DSDP, 76*: Washington (U.S. Govt. Printing Office).

Appendix I. (Continued).

Sample (cm level)	Sub-bottom depth (m)	Total carbon	Percent organic	CaCO <sub>3</sub>
534A-19-1, 100	697.50	0.1	0.0	0
534A-19-3, 53	700.03	6.9	0.0	57
534A-20-2, 73	707.73	0.4	0.0	3
534A-20-3, 70	709.20	0.1	0.1	0
534A-23-1, 23	732.73	0.1	0.1	0
534A-24-1, 64	742.14	0.1	0.1	0
534A-24-3, 62	745.12	0.1	0.1	0
534A-25-1, 131	751.81	0.2	0.2	0
534A-26, CC	760.59	0.2	0.2	0
534A-27-1, 15	764.65	0.5	0.4	1
534A-27-1, 112	765.62	0.6	0.6	1
534A-28-1, 87	774.87	1.1	1.1	0
534A-28-2, 101	776.51	0.4	0.4	0
534A-29-1, 5	783.55	2.0	2.0	0
534A-29-2, 73	785.73	0.2	0.2	0
534A-31-1, 50	803.00	1.2	1.3	0
534A-32-1, 16	812.16	0.8	0.2	5
534A-33-1, 37	821.87	0.3	0.2	0
534A-34-2, 63	833.13	0.8	0.8	0
534A-34-2, 120	833.70	1.7	1.5	1
534A-35-2, 135	843.35	0.7	0.3	4
534A-35-3, 36	843.86	2.4	0.7	15
534A-36-1, 14	850.14	0.2	0.2	1
534A-36-3, 126	854.26	1.2	1.0	1
534A-37-1, 146	860.96	0.2	0.1	1
534A-37-4, 127	865.27	3.0	2.7	2
534A-38-1, 136	870.36	1.4	1.3	0
534A-38-3, 61	872.61	8.2	1.1	59
534A-39-3, 136	882.36	2.5	2.4	0
534A-39-5, 70	884.70	1.1	1.0	0
534A-41-1, 45	896.45	0.2	0.1	1
534A-41-6, 84	904.34	0.7	0.5	1
534A-42-1, 11	905.11	0.2	0.1	1
534A-42-1, 115	906.15	0.2	0.1	1
534A-43-2, 90	916.40	2.0	1.1	8
534A-43-2, 119	916.69	3.1	1.5	14
534A-44-1, 62	923.62	6.9	2.8	35
534A-44-3, 102	927.02	2.6	2.5	1
534A-45-3, 99	935.99	6.7	2.6	35
534A-45-4, 7	936.57	8.4	0.3	68
534A-46-1, 46	941.46	6.1	0.9	44
534A-47-1, 20	950.20	6.9	2.8	34
534A-47-2, 129	952.79	11.4	0.1	94
534A-48-0, 87	959.87	6.0	2.3	31
534A-48-1, 50	959.50	11.5	0.3	93
534A-48-4, 87	964.37	6.0	2.3	31
534A-49-4, 83	968.83	7.2	1.8	46
534A-49-5, 61	970.11	11.5	0.5	92
534A-50-1, 45	972.95	5.5	1.4	34
534A-50-3, 49	975.99	10.8	0.5	86
534A-51-1, 7	981.57	5.4	0.8	39
534A-52-2, 53	992.53	6.9	0.8	51
534A-52-4, 104	996.04	11.3	0.6	88
534A-53-1, 104	1000.54	11.2	0.1	92
534A-53-4, 26	1004.26	5.8	1.4	37
534A-54-1, 70	1009.20	9.7	0.7	75
534A-54-1, 136	1009.86	10.8	0.2	88
534A-55-3, 1020.50	1020.50	11.1	0.2	91
534A-55-3, 54	1021.04	10.3	0.6	81
534A-56-1, 53	1027.03	9.6	0.6	75
534A-56-2, 50	1028.50	8.2	1.4	57
534A-58-1, 90	1045.40	5.2	0.5	39
534A-58-4, 21	1049.21	3.5	0.1	28
534A-59-1, 13	1053.63	5.1	0.1	41
534A-59-2, 89	1055.89	9.7	0.8	74
534A-60-1, 112	1063.62	11.4	0.1	94
534A-60-4, 103	1068.03	3.7	1.2	21
534A-61-1, 101	1072.51	3.0	1.3	14

Appendix I. (Continued).

Sample (cm level)	Sub-bottom depth (m)	Total carbon	Percent organic	CaCO <sub>3</sub>
534A-61-2, 59	1073.59	10.0	0.3	81
534A-62-1, 33	1080.83	8.9	0.6	69
534A-63-1, 42	1089.92	5.2	0.8	37
534A-63-2, 62	1091.62	4.2	1.8	20
534A-64-1, 115	1099.65	11.0	0.1	91
534A-64-4, 88	1103.88	10.6	0.6	83
534A-65-1, 137	1108.87	2.4	0.7	14
534A-65-3, 90	1111.40	10.6	0.3	86
534A-66-1, 115	1117.65	5.1	1.1	34
534A-66-3, 99	1120.49	11.2	0.1	93
534A-67-1, 27	1125.77	10.1	0.2	83
534A-67-3, 118	1129.68	4.5	0.5	33
534A-68-1, 127	1131.27	11.1	0.8	86
534A-68-6, 21	1137.71	6.2	2.8	29
534A-69-1, 32	1139.32	11.3	0.1	93
534A-69-5, 27	1145.27	5.0	0.9	34
534A-70-2, 76	1150.26	11.3	0.1	93
534A-70-5, 23	1154.23	10.8	0.6	85
534A-71-1, 70	1157.70	11.6	0.5	93
534A-71-4, 13	1161.63	8.2	0.7	63
534A-72-3, 26	1169.26	3.3	1.5	15
534A-72-6, 44	1173.94	11.1	0.1	92
534A-73-1, 85	1175.85	4.3	0.7	30
534A-73-3, 94	1178.94	10.9	0.1	90
534A-74-2, 81	1186.31	10.4	0.6	82
534A-74-4, 23	1188.73	10.7	0.1	89
534A-75-1, 55	1193.55	10.4	0.8	80
534A-75-6, 52	1201.02	3.4	0.4	25
534A-76-4, 52	1207.02	2.6	0.5	17
534A-76-6, 61	1210.11	11.2	0.3	91
534A-77-1, 62	1211.62	10.2	0.5	81
534A-77-2, 56	1213.06	2.4	0.9	13
534A-78-1, 70	1216.20	2.9	0.7	19
534A-78-4, 79	1220.79	9.4	6.2	27
534A-79-2, 9	1226.09	2.7	0.9	15
534A-79-4, 24	1229.24	9.8	6.4	28
534A-80-3, 57	1237.07	10.0	0.8	77
534A-80-4, 50	1238.50	6.4	0.9	45
534A-81-2, 48	1244.48	9.8	0.1	81
534A-81-4, 28	1247.28	10.5	0.5	83
534A-82-1, 18	1251.68	11.1	0.3	90
534A-82-2, 23	1253.23	10.3	0.1	85
534A-83-2, 54	1262.54	10.6	0.8	81
534A-83-5, 87	1267.37	7.2	0.1	59
534A-84-4, 81	1273.31	8.9	0.1	73
534A-85-1, 28	1277.28	10.0	0.6	79
534A-85-1, 28	1277.28	9.9	0.4	79
534A-85-3, 73	1280.73	9.3	0.1	77
534A-86-1, 36	1286.36	10.4	0.1	86
534A-86-3, 62	1289.62	10.2	0.1	84
534A-87-1, 33	1295.33	10.6	0.1	88
534A-87-4, 20	1299.70	10.4	0.1	86
534A-88-1, 20	1304.20	10.9	0.1	90
534A-88-4, 20	1308.70	11.1	0.1	92
534A-89-3, 20	1316.20	11.5	0.1	95
534A-89-4, 20	1317.70	10.6	0.1	88
534A-90-1, 107	1323.07	9.4	0.1	77
534A-90-4, 149	1327.99	6.3	0.2	51
534A-91-1, 32	1331.32	10.9	0.1	91
534A-91-4, 63	1336.13	10.5	0.0	88
534A-92-2, 22	1341.72	8.1	0.1	67
534A-92-6, 19	1347.69	6.8	0.1	56
534A-93-3, 86	1352.86	11.4	0.1	94
534A-93-4, 8	1353.58	7.9	0.1	65
534A-94-2, 11	1355.11	7.5	0.1	62
534A-94-4, 63	1358.63	10.8	0.1	89
534A-95-3, 60	1366.10	4.0	0.2	31
534A-95-5, 32	1368.82	4.8	0.2	39

Appendix I. (Continued).

Sample (cm level)	Sub-bottom depth (m)	Total carbon	Percent organic	CaCO <sub>3</sub>
534A-96-1, 68	1372.18	10.9	2.1	73
534A-96-2, 141	1374.41	2.5	0.4	18
534A-99-2, 141	1398.41	3.9	1.1	23
534A-99-2, 146	1398.46	4.7	1.0	31
534A-99-3, 63	1399.13	3.1	0.2	24
534A-100-1, 87	1401.87	7.6	3.1	37
534A-100-3, 90	1404.90	2.4	1.3	10
534A-100-3, 93	1404.93	3.6	1.5	18
534A-101-3, 15	1413.15	7.3	0.2	59
534A-101-3, 46	1413.46	2.9	0.2	23
534A-102-2, 36	1420.86	1.6	0.2	12
534A-102-3, 67	1422.67	1.9	0.5	11
534A-103-1, 55	1428.55	6.5	0.2	52
534A-104-1, 11	1437.11	10.3	0.2	84
534A-104-4, 3	1441.53	6.3	0.3	50
534A-105-1, 35	1446.35	11.5	0.1	95
534A-105-2, 61	1448.11	2.5	0.1	20
534A-106-1, 29	1455.29	11.9	0.1	99
534A-106-2, 59	1457.09	10.9	0.1	90
534A-107-1, 31	1464.31	9.8	0.1	81
534A-107-2, 98	1466.48	2.1	0.1	17
534A-108-1, 62	1469.12	4.9	0.0	40

Appendix I. (Continued).

Sample (cm level)	Sub-bottom depth (m)	Total carbon	Percent organic	CaCO <sub>3</sub>
534A-112-1, 18	1504.68	7.1	0.1	58
534A-113-1, 50	1514.00	3.8	0.2	30
534A-114-1, 76	1523.26	8.6	0.4	68
534A-114-1, 93	1523.43	1.0	1.0	0
534A-115-1, 85	1532.35	2.4	1.3	9
534A-115-1, 97	1532.47	4.1	3.9	2
534A-117-1, 40	1549.90	10.1	0.1	83
534A-118-1, 89	1559.39	10.4	0.2	85
534A-120-1, 60	1572.60	11.0	0.1	91
534A-121-1, 42	1581.42	11.0	0.2	90
534A-122-1, 7	1590.07	10.0	0.3	81
534A-122-2, 73	1592.23	0.3	0.4	0
534A-123-1, 12	1594.12	8.0	0.2	64
534A-123-4, 38	1598.88	3.9	0.3	30
534A-124-1, 78	1604.28	3.4	0.4	25
534A-125-3, 15	1615.65	4.5	1.2	28
534A-125-5, 61	1619.11	5.1	2.8	20
534A-126-1, 90	1622.40	4.0	1.9	18
534A-126-3, 148	1625.98	3.2	0.5	23
534A-127-1, 144	1631.94	2.3	0.9	11
534A-127-3, 44	1633.94	2.8	0.1	23

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