

Data Repository Item 2003162

Table DR1. Downcore content and isotopic composition of black carbon from Ocean Drilling Program (ODP) Sites 1147 and 1148

Sample	Depth (mcd)	Age (Ma)	BC content (%)	$\delta^{13}\text{C}_{\text{BC}}$ (‰)
1147B-1H-1, 56-57 cm	0.56	0.008	0.072	-27.19
1147B-1H-3, 56-57 cm	3.56	0.024	0.132	-27.50
1147B-1H-5, 56-57 cm	6.56	0.045	0.088	-23.07
1147C-2H-5, 56-57 cm	9.76	0.059	0.083	-24.86
1147B-2H-2, 56-57 cm	12.06	0.084	0.123	-23.04
1147B-2H-4, 56-57 cm	15.06	0.111	0.193	-26.42
1147B-2H-6, 56-57 cm	18.06	0.134	0.138	-25.51
1147A-3H-3, 56-57 cm	20.21	0.175	0.090	-26.35
1147A-3H-5, 56-57 cm	23.21	0.223	0.090	-24.66
1147C-4H-2, 56-57 cm	25.71	0.314	0.146	-26.61
1147C-4H-4, 56-57 cm	28.71	0.339	0.089	-23.76
1147B-4H-1, 56-57 cm	30.76	0.420	0.112	-24.31
1147B-4H-3, 56-57 cm	33.76	0.474	0.072	-26.51
1147B-4H-4, 56-57 cm	35.26	0.514	0.124	-25.84
1147B-4H-5, 56-57 cm	36.76	0.551	0.113	-23.81
1147C-5H-4, 56-57 cm	38.36	0.572	0.094	-26.40
1147C-5H-6, 56-57 cm	41.36	0.615	0.124	-24.66
1147B-5H-3, 56-57 cm	43.46	0.644	0.087	-29.22
1147B-5H-5, 56-57 cm	46.46	0.681	0.074	-27.42
1148A-6H-4, 56-57 cm	49.66	0.719	0.096	-24.37
1148A-6H-6, 56-57 cm	52.66	0.756	0.125	-24.63
1148B-6H-4, 56-57 cm	55.51	0.792	0.083	-21.81
1148A-7H-4, 56-57 cm	60.26	0.870	0.112	-23.92
1148B-7H-3, 56-57 cm	63.29	0.905	0.088	-21.34
1148A-8H-2, 56-57 cm	67.23	0.968	0.077	-22.87
1148A-8H-4, 56-57 cm	70.23	1.014	0.101	-24.32
1148A-8H-6, 56-57 cm	73.23	1.076	0.053	-21.97
1148B-8H-4, 56-57 cm	75.88	1.117	0.088	-20.93
1148A-9H-4, 56-57 cm	80.03	1.212	0.098	-24.71
1148A-9H-6, 56-57 cm	82.83	1.259	0.088	-23.63
1148B-9H-5, 56-57 cm	86.73	1.319	0.088	-21.78
1148A-10H-3, 56-57 cm	88.03	1.340	0.106	-22.05
1148A-10H-5, 56-57 cm	91.03	1.393	0.081	-23.26
1148A-10H-7, 56-57 cm	94.03	1.443	0.083	-22.54
1148B-10H-5, 56-57 cm	96.98	1.505	0.094	-21.92
1148A-11H-4, 56-57 cm	100.08	1.545	0.091	-23.27
1148A-11H-6, 56-57 cm	103.08	1.604	0.071	-23.01
1148B-11H-5, 56-57 cm	107.48	1.702	0.064	-21.89

1148A-12H-3, 56-57 cm	109.03	1.737	0.116	-22.18
1148A-12H-5, 56-57 cm	112.04	1.785	0.061	-21.77
1148B-12H-4, 56-57 cm	116.24	1.879	0.061	-21.41
1148A-13H-3, 56-57 cm	119.96	1.975	0.107	-24.09
1148A-13H-4, 56-57 cm	121.46	2.011	0.082	-25.10
1148A-13H-5, 56-57 cm	122.71	2.041	0.080	-25.42
1148A-14H-1, 56-57 cm	126.91	2.143	0.060	-26.11
1148A-14H-3, 56-57 cm	129.91	2.207	0.061	-23.75
1148A-14H-5, 56-57 cm	132.91	2.282	0.108	-24.59
1148B-14H-4, 56-57 cm	136.36	2.371	0.083	-21.71
1148A-15H-2, 56-57 cm	138.36	2.427	0.047	-24.67
1148A-15H-4, 56-57 cm	141.36	2.487	0.107	-25.40
1148A-15H-6, 56-57 cm	144.36	2.549	0.042	-23.32
1148B-15H-4, 56-57 cm	146.63	2.617	0.065	-21.71
1148A-16H-4, 56-57 cm	151.08	2.780	0.041	-24.21
1148A-17X-2, 56-57 cm	157.58	3.043	0.050	-24.82
1148A-17X-4, 56-57 cm	160.58	3.189	0.075	-24.20
1148A-17X-6, 56-57 cm	163.58	3.404	0.110	-25.64
1148A-18X-2, 56-57 cm	167.18	3.721	0.123	-24.93
1148A-18X-4, 56-57 cm	170.18	4.003	0.064	-24.23
1148A-18X-6, 56-57 cm	173.18	4.279	0.057	-26.27
1148A-19X-2, 56-57 cm	176.78	4.610	0.050	-25.89
1148A-19X-4, 56-57 cm	179.78	4.882	0.052	-23.52
1148A-19X-6, 56-57 cm	182.78	5.053	0.055	-24.31
1148A-20X-2, 56-57 cm	186.38	5.258	0.059	-22.91
1148A-20X-4, 56-57 cm	189.38	5.444	0.028	-24.60
1148A-20X-5, 56-57 cm	190.88	5.546	0.029	-21.70
1148A-20X-6, 56-57 cm	192.38	5.649	0.070	-24.40
1148A-21X-2, 56-57 cm	196.08	5.820	0.046	-24.60
1148A-21X-4, 56-57 cm	199.08	6.021	0.039	-23.81
1148A-21X-6, 56-57 cm	202.08	6.203	0.027	-24.14
1148A-22X-2, 56-57 cm	205.78	6.427	0.022	-24.36
1148A-22X-4, 56-57 cm	208.78	6.609	0.049	-24.95
1148A-22X-6, 56-57 cm	211.78	6.790	0.033	-24.52
1148A-23X-2, 56-57 cm	215.38	7.003	0.030	-25.11
1148A-23X-4, 56-57 cm	218.38	7.181	0.035	-24.30
1148A-23X-6, 56-57 cm	221.38	7.323	0.017	-23.87
1148A-24X-1, 56-57 cm	223.58	7.414	0.026	-24.95
1148A-24X-2, 56-57 cm	225.08	7.476	0.013	-25.14
1148A-24X-4, 56-57 cm	228.08	7.600	0.013	-25.66
1148A-24X-6, 56-57 cm	231.08	7.724	0.011	-22.50
1148A-25X-2, 56-57 cm	234.68	7.873	0.013	-25.09
1148A-25X-4, 56-57 cm	237.68	7.997	0.025	-25.67
1148A-25X-5, 56-57 cm	239.18	8.059	0.028	-23.42

1148A-25X-6, 56-57 cm	240.68	8.121	0.024	-24.28
1148A-26X-2, 56-57 cm	244.28	8.301	0.012	-26.89
1148A-26X-4, 56-57 cm	247.28	8.383	0.019	-26.22
1148A-26X-6, 56-57 cm	250.28	8.465	0.019	-25.89
1148A-27X-2, 56-57 cm	253.88	8.694	0.024	-26.59
1148A-27X-4, 56-57 cm	256.88	9.464	0.024	-25.17
1148A-27X-6, 56-57 cm	259.88	9.828	0.018	-25.56
1148A-28X-2, 56-57 cm	263.48	9.983	0.017	-25.64
1148A-28X-4, 56-57 cm	266.48	10.113	0.014	-24.40
1148A-28X-6, 56-57 cm	269.48	10.242	0.011	-25.57
1148A-29X-2, 56-57 cm	273.08	10.398	0.020	-26.12
1148A-29X-4, 56-57 cm	276.08	10.535	0.022	-23.44
1148A-29X-5, 56-57 cm	277.58	10.614	0.028	-22.01
1148A-29X-6, 56-57 cm	279.08	10.693	0.031	-24.12
1148A-30X-2, 56-57 cm	282.68	11.031	0.023	-25.08
1148A-30X-3, 56-57 cm	284.18	11.233	0.039	-23.89
1148A-30X-4, 56-57 cm	285.68	11.392	0.023	-23.45
1148A-30X-5, 56-57 cm	287.18	11.552	0.028	-24.65
1148A-30X-6, 56-57 cm	288.68	11.711	0.013	-26.00
1148A-31X-2, 56-57 cm	292.28	12.094	0.028	-25.72
1148A-31X-4, 56-57 cm	295.28	12.407	0.023	-23.30
1148A-31X-6, 56-57 cm	298.28	12.717	0.025	-27.04
1148A-32X-2, 56-57 cm	301.88	13.160	0.018	-25.48
1148A-32X-4, 56-57 cm	304.88	13.592	0.012	-24.55
1148A-32X-6, 56-57 cm	307.88	13.914	0.025	-25.01
1148A-33X-1, 56-57 cm	310.08	14.303	0.022	-23.80
1148A-33X-2, 56-57 cm	311.58	14.628	0.022	-24.05
1148A-33X-3, 56-57 cm	313.08	14.813	0.055	-26.72
1148A-33X-6, 56-57 cm	317.58	14.893	0.025	-24.22
1148A-34X-3, 56-57 cm	321.37	15.143	0.030	-23.82
1148A-34X-5, 56-57 cm	324.37	15.274	0.017	-28.01
1148A-34X-7, 56-57 cm	327.37	15.404	0.025	-27.73
1148A-35X-2, 56-57 cm	330.88	15.557	0.016	-27.43
1148A-35X-4, 56-57 cm	333.88	15.682	0.014	-27.19
1148A-35X-6, 56-57 cm	336.88	15.803	0.022	-27.03
1148A-36X-2, 56-57 cm	340.48	15.950	0.017	-26.61
1148A-36X-4, 56-57 cm	343.48	16.072	0.045	-26.74
1148A-36X-6, 56-57 cm	346.48	16.152	0.034	-26.46
1148A-37X-2, 56-57 cm	350.08	16.234	0.017	-25.59
1148A-37X-4, 56-57 cm	353.08	16.304	0.015	-26.44
1148A-37X-6, 56-57 cm	356.09	16.466	0.016	-27.78
1148A-38X-2, 56-57 cm	359.58	16.798	0.017	-27.14
1148A-38X-4, 56-57 cm	362.58	17.082	0.022	-26.18
1148A-38X-6, 56-57 cm	365.58	17.419	0.024	-25.55

1148A-39X-2, 56-57 cm	369.18	18.031	0.018	-28.08
1148A-39X-4, 56-57 cm	372.18	18.312	0.030	-26.99
1148A-39X-6, 56-57 cm	375.18	18.371	0.016	-26.28
1148A-40X-2, 56-57 cm	378.78	18.442	0.018	-25.86
1148A-40X-4, 56-57 cm	381.78	18.507	0.017	-24.60
1148A-40X-6, 56-57 cm	384.78	18.733	0.021	-25.45
1148A-41X-2, 56-57 cm	388.48	19.012	0.025	-26.46
1148A-41X-4, 56-57 cm	391.48	19.243	0.021	-25.86
1148A-41X-6, 56-57 cm	394.48	19.496	0.022	-25.24
1148A-42X-2, 56-57 cm	398.18	19.808	0.024	-21.84
1148A-42X-4, 56-57 cm	401.18	20.062	0.027	-24.92
1148A-42X-6, 56-57 cm	404.18	20.315	0.017	-24.51
1148A-43X-2, 56-57 cm	407.78	21.071	0.014	-25.73
1148A-43X-4, 56-57 cm	410.78	21.573	0.011	-25.23
1148A-43X-6, 56-57 cm	413.78	21.686	0.037	-24.73
1148A-44X-2, 56-57 cm	417.48	21.824	0.026	-25.10
1148A-44X-4, 56-57 cm	420.48	21.937	0.029	-26.70
1148A-44X-6, 56-57 cm	423.48	22.049	0.028	-26.94
1148A-45X-2, 56-57 cm	427.18	22.188	0.040	-25.55
1148A-45X-4, 56-57 cm	430.18	22.301	0.049	-27.07
1148A-45X-6, 56-57 cm	433.18	22.413	0.039	-24.61
1148A-46X-2, 56-57 cm	436.78	22.548	0.035	-26.95
1148A-46X-4, 56-57 cm	439.78	22.660	0.019	-26.90
1148A-47X-1, 56-57 cm	444.88	22.852	0.002	-26.75
1148A-47X-2, 56-57 cm	446.48	22.912	0.022	-27.24
1148A-47X-4, 56-57 cm	449.48	23.024	0.032	-26.54
1148A-47X-6, 56-57 cm	452.48	23.137	0.025	-26.70
1148A-48X-2, 56-57 cm	456.08	23.393	0.041	-25.21
1148A-48X-4, 56-57 cm	459.08	23.695	0.026	-27.05
1148A-48X-6, 56-57 cm	462.08	23.956	0.013	-25.81
1148A-49X-2, 56-57 cm	465.68	24.242	0.015	-26.91
1148A-49X-4, 56-57 cm	468.68	24.481	0.021	-27.32
1148A-49X-6, 56-57 cm	471.68	25.088	0.015	-26.62
1148A-50X-2, 56-57 cm	475.28	26.046	0.013	-25.82
1148A-51X-CC, 20-21 cm	480.58	27.221	0.014	-27.91
1148A-53X-1, 20-21 cm	490.12	28.519	0.063	-24.60
1148A-54X-CC, 20-21 cm	495.92	28.564	0.052	-26.49
1148A-56X-1, 56-57 cm	505.08	28.637	0.048	-27.09
1148A-57X-2, 56-57 cm	515.98	28.723	0.050	-24.81
1148A-57X-4, 56-57 cm	518.98	28.747	0.057	-26.79
1148A-58X-1, 56-57 cm	524.08	28.787	0.071	-25.26
1148A-58X-3, 56-57 cm	526.68	28.807	0.046	-25.15
1148A-59X-1, 56-57 cm	533.78	28.864	0.071	-24.43
1148A-59X-3, 56-57 cm	536.78	28.887	0.070	-25.57

1148A-59X-5, 56-57 cm	539.78	28.911	0.040	-25.75
1148A-61X-1, 56-57 cm	552.98	29.015	0.025	-27.54
1148A-62X-2, 56-57 cm	564.18	29.104	0.025	-25.39
1148A-62X-4, 56-57 cm	567.18	29.128	0.021	-26.60
1148A-62X-6, 56-57 cm	570.18	29.151	0.018	-25.87
1148A-63X-2, 56-57 cm	573.78	29.180	0.044	-25.20
1148A-63X-4, 56-57 cm	576.48	29.201	0.036	-24.76
1148A-64X-2, 56-57 cm	583.38	29.256	0.045	-25.87
1148A-65X-1, 56-57 cm	591.58	29.320	0.027	-25.42
1148A-66X-1, 56-57 cm	601.18	29.396	0.022	-27.54
1148A-66X-3, 56-57 cm	604.18	29.465	0.032	-25.58
1148A-66X-5, 56-57 cm	607.18	29.543	0.026	-24.61
1148A-67X-1, 56-57 cm	610.78	29.636	0.053	-24.63
1148A-67X-3, 56-57 cm	613.78	29.714	0.027	-25.28
1148A-67X-5, 56-57 cm	616.78	29.791	0.030	-25.05
1148A-68X-1, 56-57 cm	620.38	29.884	0.017	-26.26
1148A-68X-3, 56-57 cm	621.95	29.929	0.014	-25.14
