

TABLE DR1. BULK CARBONATE CONTENT

Core	Core depth (cm)	Carbonate content (wt %)
51GC43	5.5	72
	19.5	71
	37.0	67
	55.0	55
	66.0	54
	75.0	44
	84.0	44
	96.0	38
	106.0	30
	122.0	31
	134.0	34
	154.0	40
	171.0	44
	177.5	44
	182.5	40
	190.0	31
	193.5	33
	201.5	30
	207.5	35
	212.0	42
220.5	29	
223.5	37	
232.5	47	
239.0	46	
253.5	70	
FR4/92-PC11	12.0	78
	23.0	77
	28.0	76
	34.0	70
	39.0	68
	44.0	65
	52.0	51
	59.0	53
	67.0	72
	74.0	74
	83.0	76
	89.0	79
	93.0	78
	98.0	81
	102.0	83
	109.0	81
	116.0	78
123.0	76	
129.0	74	
136.0	68	
142.0	75	
151.0	81	
159.0	82	

	168.0	77
	177.0	68
	185.0	67
	193.0	69
	203.0	75
	212.0	76
	220.0	67
	228.0	66
	235.0	65
	242.0	65
	252.0	68
	262.0	74
	273.0	77
	285.0	73
	294.0	71
	303.0	72
	310.0	54
	317.0	59
	327.0	45
	335.0	65
	344.0	45
	352.0	51
	361.0	66
	373.0	77
	378.0	77
	382.0	62
	389.0	54
	397.0	45
FR4/92-PC12	10.0	70
	17.0	69
	28.0	57
	38.0	49
	46.0	46
	53.0	44
	60.0	49
	67.0	61
	75.0	57
	85.0	64
	94.0	63
	102.0	65
	112.0	74
	120.0	73
	130.0	77
	137.0	69
	146.0	68
	154.0	67
	163.0	70
	170.0	64
	178.0	66
	184.0	75
	195.0	80

	207.0	83
	219.0	78
	225.0	72
	236.0	66
	247.0	72
	257.0	69
	265.0	74
	274.0	70
	285.0	57
	295.0	60
	305.0	68
	315.0	63
	325.0	60
	335.0	59
	345.0	70
FR4/92-PC13	8.0	71
	22.0	57
	34.0	66
	45.0	64
	55.0	59
	66.0	47
	76.0	45
	83.0	59
	87.0	69
	95.0	71
	105.0	77
	115.0	82
	124.0	82
	132.0	76
	143.0	75
	153.0	71
	163.0	77
	172.0	78
	183.0	68
	193.0	66
	203.0	69
	213.0	73
	223.0	73
	233.0	70
	243.0	63
	253.0	62
	262.0	60
	273.0	64
	282.0	68
	292.0	74
	302.0	76
	312.0	69
	322.0	64
	332.0	69
	342.0	63
	353.0	55

	363.0	38
	369.0	39
	373.0	49
	381.0	50
	391.0	61
FR4/92-PC14	21.0	67
	30.0	64
	35.0	56
	41.0	61
	48.0	61
	56.0	56
	63.0	51
	71.0	41
	78.0	36
	86.0	45
	92.0	59
	98.0	45
	101.0	24
	102.5	58
	108.0	58
	110.5	64
	116.0	31
	119.0	69
	123.0	64
	131.0	71
	139.0	76
	146.0	74
	154.0	76
	161.0	73
	167.0	69
	175.0	67
	182.0	68
FR5/90-PC27a	18.0	57
	30.0	61
	41.0	61
	53.0	61
	64.0	62
	76.0	49
	87.0	54
	98.0	52
	109.0	43
	119.0	44
	143.0	39
	154.0	47
	165.0	40
	176.0	48
	187.0	58
	198.0	59
	209.0	67
	220.0	59

231.0	49
242.0	48
253.0	52
264.0	54
273.0	57
294.0	57
305.0	62
316.0	67
327.0	68
338.0	76
349.0	74
360.0	65
371.0	75
382.0	78
393.0	71

TABLE DR2. RESULTS OF AMS RADIOCARBON ANALYSIS

Lab code	Core depth (cm)	Conventional 14C age (yrs BP)	Error (yrs +/-)	Calibrated 14C age (yrs BP)	1 SIGMA error (yrs +/-)
<u>51GC43</u>					
OZF296	5	2760	40	2460	80
OZG452	31	5570	50	5930	40
OZG453	48	7810	60	8290	80
OZE893	75	8600	50	9010	160
OZE894	152	10370	50	11120	370
OZG454	171	12680	80	14130	420
OZF297	211	18230	140	21080	360
<u>FR4/92-PC11</u>					
OZF724	36	6490	50	6980	60
OZE875	60	9530	50	10280	90
OZF725	79	16180	90	18720	300
<u>FR4/92-PC12</u>					
OZF723	30	6660	50	7200	40
OZE876	59	9750	50	10460	150
<u>FR4/92-PC13</u>					
OZG455	5	1680	40	1250	30
OZF299	55	7690	50	8150	40
OZE874	79	10300	50	10990	380
OZF722	104	20550	140	23750	440
<u>FR4/92-PC14</u>					
OZF298	24	2330	40	1940	50
OZE808	75	9180	60	9820	150
OZE809	88	10980	60	12490	330
OZE810	109	14370	80	16640	250
<u>FR5/90-PC27a</u>					
OZG450	7	1960	40	1520	40
OZG451	52	4760	50	4990	70
OZD814	82	7160	90	7620	60
OZD815	156	9320	90	9910	230
OZD816	200	11250	160	12870	170
OZD817	224	12900	150	14340	580
OZG449	318	22100	140	N.A.	N.A.