



90°E RIDGE INDIAN OCEAN 2.9°S 83°E 2.90 km V29-9 LOTTI, LDEO CO <sub>3</sub> <sup>=</sup> = 81 μmol/kg								
DEPTH IN CORE cm	CaCO <sub>3</sub> CONTENT %	SIZE INDEX %	δ <sup>18</sup> O BENTHICS ‰	G. SAC. 355-420 μg	P. OBLIQ. 355-420 μg	N. DUT. 355-420 μg	G. RUBER 300-355 μg	RADIOCARBON AGE yrs
<i>TRIGGER WEIGHT</i>								
5	88	86	2.67	26.9 (50)	28.3 (50)	28.3 (50)	14.2 (50)	8785
10	88.0	84	3.14	28.2 (50)	29.9 (50)	26.5 (50)	15.8 (50)	19650
<i>PISTON CORE</i>								
2	92	74	—	25.9 (49)	32.9 (50)	26.3 (50)	11.5 (50)	
9	90	89	2.89	30.6 (50)	30.9 (49)	24.7 (50)	12.7 (50)	
10	92	75	2.83	28.0 (50)	32.3 (50)	27.2 (50)	15.0 (50)	
20	92	78	3.04	27.2 (50)	31.1 (50)	24.8 (50)	14.8 (50)	
30	91	79	3.23	28.6 (50)	29.1 (50)	27.2 (50)	13.5 (50)	
40	92	72	3.59	29.7 (50)	32.4 (50)	28.3 (50)	16.5 (50)	
50	91	75	3.03	30.0 (50)	32.9 (50)	28.1 (50)	16.1 (50)	31370
60	88	59	2.89	27.6 (50)	31.1 (49)	28.8 (49)	15.0 (50)	
70	93	50	3.35	26.6 (50)	32.4 (50)	28.5 (50)	14.6 (50)	
80	88	66	2.72	24.6 (50)	32.3 (50)	28.4 (50)	14.2 (50)	
90	92	48	—	29.3 (50)	34.7 (50)	30.0 (50)	14.9 (50)	
100	93	70	2.93	25.7 (50)	34.1 (50)	30.7 (50)	15.5 (50)	
110	91	59	3.77	26.8 (50)	34.5 (50)	33.1 (50)	15.6 (50)	
120	90	60	3.05	24.8 (50)	32.6 (50)	27.9 (50)	12.8 (34)	
130	92	54	2.93	25.7 (50)	30.4 (50)	24.4 (50)	14.2 (50)	
140	92	42	—	23.8 (49)	28.1 (50)	24.4 (50)	13.9 (31)	
150	91	51	3.60	26.2 (50)	34.0 (50)	29.0 (50)	14.4 (50)	

90°E RIDGE INDIAN OCEAN 2.4°S 90°E 3.81 km RC14-33 PISTON CORE LOTTI, LDEO  $\text{CO}_3^{2-} = 82 \mu\text{mol/kg}$

DEPTH IN CORE cm	CaCO <sub>3</sub> CONTENT %	SIZE INDEX %	$\delta^{18}\text{O}$ G. SAC. ‰	G. SAC. 355-420 $\mu\text{g}$	P. OBLIQ. 355-420 $\mu\text{g}$	N. DUT. 355-420 $\mu\text{g}$	G. RUBER 300-355 $\mu\text{g}$	RADIOCARBON AGE yrs
3	79	44	-1.52	26.5 (50)	27.0 (50)	27.9 (50)		
8	81	46	-1.65					
13	79.0	38	-1.37					
17	79	41	-1.13					
19	78	46	-1.04					
21	78	38	-0.87					
25	76	39	-0.45					
29	76	33	-0.82					
32	73	38	-0.78					
37	76	39	-0.82					
41	76	41	-0.97					
46	76	33	-1.03					
51	75	37	-0.93					
56	70	36	-1.04					
61	63	38	-1.20					
66	65	43	-1.00					
70	48	45						
75	38	ash						
79	49	ash						
87	23	ash						
91	62	45						
95	68	45						





90°E RIDGE INDIAN OCEAN 6.2°S 90.4°E 4.09 km V34-49 LOTTI, LDEO CO<sub>3</sub><sup>=</sup> = 82 μmol/kg

DEPTH IN CORE cm	CaCO <sub>3</sub> CONTENT %	SIZE INDEX %	δ <sup>18</sup> O G. SAC. ‰	G. SAC. 355-420 μg	P. OBLIQ. 355-420 μg	N. DUT. 355-420 μg	G. RUBER 300-355 μg	RADIOCARBON AGE yrs
2	60	29		26.0 (11)	29.3 (9)	27.2 (13)		7620
10	79	52		27.1 (50)	29.0 (50)	23.9 (50)	12.7 (51)	
20	71.0	42		19.5 (46)	24.0 (50)	25.6 (50)	12.3 (26)	
30	72	51		18.6 (52)	25.0 (51)	19.7 (50)	10.6 (13)	
40	71	43		20.7 (26)	24.3 (27)	22.1 (50)	11.8 (46)	
50	55	31		_ (3)	_ (7)	_ (2)	_ (2)	
60	72	35		19.2 (15)	24.8 (36)	22.5 (50)	_ (2)	
70	74	24		_ (2)	23.8 (26)	22.1 (51)	_ (0)	
80	68	32		_ (10)	24.2 (25)	23.4 (50)	_ (0)	
90	66	23		_ (3)	23.4 (16)	_ (6)	_ (0)	
100	80	40		21.1 (50)	26.7 (50)	23.4 (50)	12.0 (42)	
110	79	35		22.5 (50)	25.9 (50)	21.8 (50)	11.6 (15)	
120	63	38		_ (9)	21.6 (31)	20.6 (20)	_ (0)	
130	62	32		_ (0)	23.9 (14)	_ (12)	_ (0)	
140	55	33		_ (0)	_ (8)	_ (0)	_ (0)	
150	64	32		_ (4)	28.7 (50)	24.1 (31)	_ (0)	