CORE-TOP SAMPLES ONTONG-JAVA PLATEAU

CORE NUMBER	LATITUDE	LONGITUDE	WATER DEPTH km	$CaCO_3$ CONTENT %	SIZE INDEX %	*G. SAC.* 355-420 μg	*P. OBLIQ.* 355-420 μg	*N. DUT.* 355-420 μg	*G. RUBER* 300-355 μg	RADIOCARBON AGE yrs	$CO_3^=$ μmol/kg
MW91-9-3	2.2°S	157°E	1.61	85.0	80	36.3	50.7	36.1	16.3	6100	70
MW91-9-33	1.0°S	158°E	1.62	86.0	75					4020	70
RC10-139	3.0°S	156°E	1.78	78.0	53	35.2	47.3	35.0	15.7	6015	71
MW9109-36	0.0°	158°E	2.31	86.6	55	28.8	43.7	26.7	15.6	2860	75
V24-109	0.4°N	159°E	2.37	82.3	59	30.1	42.8	30.2	14.7	3660	75
MW91-9-37	0.0°	159°E	2.45	83.0	53	30.0	43.4	28.6	13.0	3585	76
MW91-9-22	0.0°	160°E	2.96	84.0	41	27.5	40.8	26.2	10.8	2550	79
V23-238	1.0°N	161°E	3.12	–	–	21.8	38.8	–			80
RC17-176	3.8°N	159°E	3.16	82.0	42	26.7	40.9	28.7	11.2	4505	80
MW91-9-44	0.0°	161°E	3.16	83.2	44	28.4	36.7	24.2	9.4		80
MW91-9-63	0.0°N	161°E	3.16	85.0	39	26.4	38.1	24.1		3010	80
V32-173	4.3°S	169°E	3.26	82.0	39					5145	81
MW91-9-48	0.0°	161°E	3.40	83.7	32	–	36.6	–			82
MW91-9-51	0.0°	161°E	3.43	83.0	32	22.3	36.5	23.5	–	3035	83
RC12-121	3.7°S	168°E	3.52	76.0	38					5430	84
MW91-9-53	0.0°	161°E	3.71	81.0	23	–	29.7	–		3715	85
MW91-9-54	0.0°	162°E	4.03	73.0	26	–	29.5	–		3500	86
MW91-9-55	0.0°	162°E	4.04	75.0	37	–	32.3	–			86
MW91-9-56	0.0°	162°E	4.04	78.0	21	–	27.9	–		4360	88
V24-108	1.2°N	162°E	4.11	78.0	23					8295	88
MW91-9-58	0.0°	162°E	4.34	79.0	18					4580	89
RC17-181	0.20°N	166°E	4.40	68.0	17					8400	89
V19-199	3.1°N	167°E	4.41	71.0	12					10330	89
V12-124	3.6°N	163°E	4.42	59.0	14					8865	89
MW91-9-66	0.0°N	163°E	4.44	60.0	21					4320	89
V28-237	0.9°N	163°E	4.44	60.0	14					8015	89
MW91-9-74	0.0°	163°E	4.44	67.0	17					5125	89

CORE-TOP SAMPLES ONTONG-JAVA PLATEAU

CORE NUMBER	LATITUDE	LONGITUDE	WATER DEPTH km	$CaCO_3$ CONTENT %	SIZE INDEX %	*G. SAC.* 355-420 μg	*P. OBLIQ.* 355-420 μg	*N. DUT.* 355-420 μg	*G. RUBER* 300-355 μg	RADIOCARBON AGE yrs	$CO_3^=$ μmol/kg
V19-97	0.1°N	171°E	4.55	46.0	12					5440	89
RC17-183	4.1°N	166°E	4.57	56.0	13					10430	89

ONTONG-JAVA PLATEAU 0.0° 158°E 2.31 km MW91-9 BOX CORE 36 McCORKLE, WHOI $CO_3^{=}$ = 75 μmol/kg								
DEPTH IN CORE cm	CaCO3 CONTENT %	SIZE INDEX %	δ18O *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
1	86.6	55	-2.06	28.8 (50)	43.7 (35)	26.7 (26)	15.6 (50)	2785±55
3	85.7	52	-2.20	28.8 (50)	38.1 (35)	25.3 (60)	14.1 (50)	2965±60
5	87.0	55	-2.02	29.4 (50)	42.4 (35)	29.3 (51)	16.2 (50)	3250±55
7	87.6	54	-2.28	26.8 (50)	44.3 (35)	26.4 (32)	15.3 (50)	3560±60
9	86.2	51	-2.15	24.4 (50)	42.5 (35)	26.5 (67)	15.8 (51)	4280±60
11	86.1	50	-2.00	28.1 (50)	44.0 (29)	27.0 (44)	16.0 (51)	4530±60
13	87.6	54	-2.17	29.3 (50)	46.3 (35)	28.4 (71)	16.6 (50)	4320±60
15	85.3	50	-2.17	27.8 (50)	42.4 (35)	_	16.8 (50)	5050±60
18	87.3	57	-1.93	29.8 (50)	39.9 (35)	_	15.7 (51)	
20	85.5	55	-1.97	28.8 (47)	43.4 (35)	27.7 (54)	15.7 (51)	7785±65
22	88.4	55	-1.97	27.1 (50)	43.0 (35)	28.4 (56)	15.3 (50)	
24	84	48	-2.14	29.7 (22)	41.8 (30)	_	15.7 (50)	
26	86.4	58	-1.81	30.1 (50)	_	31.9 (84)	16.6 (50)	
28	83.3	64	-1.76	29.7 (50)	42.1 (35)	31.4 (87)	14.7 (35)	
30	85.1	57	-1.75	30.6 (50)	45.8 (34)	29.7 (71)	17.1 (50)	9650±

ONTONG-JAVA PLATEAU 0.0° 158°E 2.31 km MW91-9 GIANT GRAVITY CORE 15 McCORKLE, WHOI $CO_3^{=}$ =75 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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	86.1	54	-2.38		42.1 (75)			
10	86.0	60	-2.05	30.0 (50)	43.3 (49)	32.9 (49)		
18	86.4	50	-2.00	33.7 (50)	42.6 (50)	33.6 (50)		
26	81.6	65	-1.74	33.3 (50)	41.1 (50)	35.1 (50)		
34	81.5	44	-1.00	33.4 (50)	40.6 (36)	35.8 (50)		
42	81.5	46	-0.82	31.0 (50)	39.9 (50)	33.6 (50)		
50	82.9	45	-0.94					
58	81.1	44	-1.03		39.0 (75)			
66	82.6	50	-1.10	29.6 (50)	39.2 (50)	33.2 (50)		
74	82.3	55	-1.20	29.6 (50)	39.2 (50)	30.1 (50)		
82	83.5	46	-1.28	30.9 (50)	40.9 (50)	31.6 (50)		
90	84.7	52	-1.23	31.2 (50)	35.1 (50)	30.7 (50)		
98	83.0	49	-1.28	30.9 (50)	36.6 (50)	30.4 (50)		
106	84.3	47	-1.23	32.1 (49)	40.1 (50)	32.0 (50)		
114	75.6	39	-1.15	33.0 (50)	41.5 (50)	32.9 (50)		
122	83.8	46	-1.02	31.6 (50)	41.3 (50)	32.4 (50)		
130	80.3	37	-0.99	31.1 (50)	42.9 (50)	29.8 (50)		
138	80.3	34	-1.30	29.4 (50)	39.5 (50)	30.2 (50)		
146	82.8	41	-1.55	27.9 (49)	36.7 (50)	30.6 (50)		
154	82.3	43	-1.62	29.6 (49)	41.7 (49)	34.2 (35)		
162	87	51	-1.56	34.0 (50)	43.9 (50)	34.2 (45)		
170	82.9	36	-1.69	28.3 (50)	39.8 (50)	33.0 (43)		

ONTONG-JAVA PLATEAU 0.0° 158°E 2.31 km MW91-9 GIANT GRAVITY CORE 15 McCORKLE, WHOI $CO_3^{=}$ =75 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
178	77.7	44	-1.68	29.5 (50)	41.6 (50)	33.5 (50)		
186	80.9	42	-1.69	29.7 (50)	39.1 (50)	31.2 (50)		
194	85.6	47	-1.56	28.0 (49)	44.0 (50)	34.2 (50)		
202	86.3	52	-1.84	30.9 (50)	45.4 (50)	29.7 (36)		
210	85.6	41	-1.89	30.8 (50)	40.9 (50)	27.2 (40)		
218	83.7	42	-1.75	26.0 (50)	38.9 (50)	28.1 (50)		
226	84.7	46	-1.74	28.1 (50)	38.3 (50)	28.7 (50)		
234	85.6	43	-2.15	30.4 (50)	38.7 (50)	29.2 (50)		
242	84	48	-2.06	33.3 (50)	39.4 (50)	31.6 (50)		
250	84.6	55	-1.53	33.3 (50)	45.5 (59)	33.1 (50)		
258	83.3	60*	_	33.5 (50)	38.9 (50)	34.8 (50)		
266	82.3	45	-0.87	31.7 (50)	38.3 (50)	31.4 (50)		
274	85.4	58	-0.78	33.8 (50)	42.8 (50)	33.8 (50)		

ONTONG-JAVA PLATEAU 0.4°N 159°E 2.37 km V24-109 TRIGGER WEIGHT AND PISTON CORE LOTTI, LDEO $CO_3^{=}$ =75 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
TRIGGER WEIGHT CORE								
3	82.3	59	-2.19	30.9 (50)		32.8 (22)	14.7 (50)	
10	85.8	63	-2.20					
20	74.1	62	-1.91	29.0 (50)	39.0 950)	30.2 (50)	14.4 (50)	
30	82.3	41	-1.39					
33	76.0	62		27.7 (49)	35.8 (51)	29.8 (50)	13.9 (49)	
38	83.7	53	-0.87	27.2 (49)	41.9 (50)	29.8 (50)	14.0 (50)	
PISTON CORE								
2				29.3 (50)	42.8 (50)	28.7 (50)		
30	83.8	60	-1.87	29.9 (49)	43.2 (50)	30.2 (50)	13.7 (50)	
40	82.5	63	-1.10	28.0 (50)	40.5 (50)	30.2 (50)	13.9 (50)	
50	83.0	52	-1.06					
60	84.8	48	-1.14	25.2 (50)	40.0 (51)	29.3 (50)	14.1 (50)	
65	83.9	51		26.6 (50)	38.2 (50)	28.9 (49)	13.1 (50)	
70	85.8	37	-1.23	26.4 (50)	41.8 (50)	28.5 (50)	13.0 (50)	
75	84.2	41		28.6 (45)	41.1 (50)	29.2 (50)	13.2 (51)	
80	81.8	57	-1.13	28.7 (50)	43.9 (50)	30.1 (50)	14.3 (50)	
90	87.0	47	-1.37	29.3 (51)	43.0 (50)	30.1 (50)	15.4 (50)	
100	87.6	54	-1.33	29.4 (50)	40.5 (50)	30.6 (51)	15.6 (50)	
110	84.6	43	-1.23	26.8 (50)	39.5 (50)	27.5 (50)	14.4 (50)	
120	85.2	47	-1.29	23.4 (23)	38.2 (50)	24.7 (46)	13.5 (42)	
130	84.5	53	-1.56	27.0 (50)	41.5 (50)	30.5 (42)	15.0 (38)	

ONTONG-JAVA PLATEAU 0.4°N 159°E 2.37 km V24-109 TRIGGER WEIGHT AND PISTON CORE LOTTI, LDEO $CO_3^{=}$ =75 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
140	84.3	40	-1.70	29.5 (50)	45.1 (50)	29.2 (39)	15.3 (50)	
145				27.7 (44)	43.0 (50)	29.1 (33)	16.2 (19)	
150	82.3	32	-1.71	23.4 (41)	41.3 (50)	26.9 (31)	14.6 (17)	
155				25.8 (38)	40.4 (50)	29.9 (43)	14.9 (21)	
160	84.2	39	-1.72	24.5 (39)	41.6 (50)	28.2 (33)	14.6 (27)	
170	86.0	48	-1.81	28.1 (50)	45.3 (49)	32.6 (33)	15.0 (50)	
180	82.5	40	-1.77	26.1 (50)	37.8 (50)	31.6 (23)	13.9 (37)	
190	83.5	46	-2.20	23.6 (34)	39.4 (50)	27.5 (38)	13.0 (39)	
200	82.2	53	-1.64	28.7 (50)	42.8 (50)	28.2 (50)	17.0 (50)	
210	85.5	62	-1.92	28.2 (50)	42.3 (49)	33.5 (50)	16.4 (50)	
220	83.2	55	-0.76	30.5 (51)	43.8 (50)	29.7 (50)	16.2 (50)	
230	87.0	59	-0.87	29.1 (50)	40.3 (49)	32.6 (50)	16.1 (49)	
240	80.0	53	-0.81	29.5 (50)	41.5 (50)	32.4 (50)	16.2 (50)	
250	82.0	54	-0.99	28.7 (50)	42.0 (50)	28.8 (50)	15.7 (51)	
260	80.8	44	-1.16					
270	86.1	49	-1.04					
280	83.9	28	-1.55					
290	87.1	44	-1.58					
300	83.8	36	-1.81					
310	868	50						
320	87.9	49						

ONTONG-JAVA PLATEAU 0.4°N 159°E 2.37 km V24-109 TRIGGER WEIGHT AND PISTON CORE LOTTI, LDEO $CO_3^{=}$ =75 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
330	84.8	32						
340	87.4	46						
350	87.9	51						
360	85.2	53						
370	85.5	51						
380	81.6	41						
390	84.2	28						
400	88.1	43						
410	88.0	35						
420	87.6	24						
430	83.6	24						
440	87.3	28						
450	86.8	32						
460	88.3	37						
470	89.7	37						
480	83.5	57						
490	81.2	36						
500	87.0	28						
510	85.0	30						
520	86.4	22						
530	86.7	21						

ONTONG-JAVA PLATEAU 0.4°N 159°E 2.37 km V24-109 TRIGGER WEIGHT AND PISTON CORE LOTTI, LDEO $CO_3^{=}$ =75 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
540	83.2	17						
550	88.8	35						
560	88.5	39						
570	83.9	48						
580	83.9	49						
590	85.0	38						
600	86.0	34						
610	82.1	29						
620	85.9	38						
630	87.0	26						
640	80.2	18						
650	86.5	26						
660	83.8	26						
670	84.9	30						
680	83.9	34						
690	83.6	41						
700	86.3	47						
710	83.1	37						
720	87.8	24						
730	86.2	26						
740	82.2	13						

ONTONG-JAVA PLATEAU 0.4°N 159°E 2.37 km V24-109 TRIGGER WEIGHT AND PISTON CORE LOTTI, LDEO $CO_3^{=}$ =75 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
750	89.6	33						
760	88.7	18						
770	86.0	25						
780	86.7	30						
790	87.6	29						
800	89.1	30						
810	86.0	32						
820	85.6	46						
830	85.6	63						
840	85.0	52						
850	85.9	44						
860	85.2	54						
870	87.7	48						
880	86.4	27						
890	84.5	36						
900	89.3	36						
910	87.7	31						
920	86.6	25						
930	84.8	21						
940	87.3	24						
950	86.2	43						

ONTONG-JAVA PLATEAU 0.4°N 159°E 2.37 km V24-109 TRIGGER WEIGHT AND PISTON CORE LOTTI, LDEO $CO_3^{=}$ =75 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
960	88.6	47						
970	85.8	36						
980	84.7	42						
990	85.7	34						
1000	86.0	40						
1010	87.6	37						
1020	88.1	41						
1030	86.4	45						
1040	89.7	45						
1050	87.9	39						
1060	83.1	46						
1070	82.9	38						
1080	88.0	28						
1090	88.2	29						
1100	87.9	30						
1110	87.5	27						
1120	83.7	33						
1130	85.2	35						
1140	87.1	29						
1150	85.5	33						
1160	88.8	45						

ONTONG-JAVA PLATEAU 0.4°N 159°E 2.37 km V24-109 TRIGGER WEIGHT AND PISTON CORE LOTTI, LDEO $CO_3^{=}$ =75 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
1170	87.0	36						
1180	86.2	40						
1190	86.2	34						
1200	84.8	45						
1210	85.8	33						
1220	86.0	37						
1230	87.0	40						
1240	87.3	24						
1250	88.7	35						
1260	86.8	27						
1270	88.3	37						
1280	87.4	38						
1290	89.1	33						
1300	87.3	32						
1310	88.7	32						
1320	87.1	28						
1330	87.3	28						
1340	87.6	33						
1350	86.8	34						
1360	84.8	38						
1370	86.4	28						

ONTONG-JAVA PLATEAU 0.4°N 159°E 2.37 km V24-109 TRIGGER WEIGHT AND PISTON CORE LOTTI, LDEO $CO_3^{=}$ =75 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
1380	88.6	34						
1390	87.3	31						
1400	88.9	47						
1410	87.8	51						
1420	83.4	51						
1430	85.5	38						
1440	82.2	42						
1450	88.4	53						
1460	85.6	34						

ONTONG-JAVA PLATEAU 1.0°N 160.5°E 3.12 km V28-238 PISTON CORE LOTTI, LDEO $CO_3^{=}$ = 80 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
3				21.8 (45)	38.8 (35)			4640
13				27.4 (45)	43.2 (35)			8350
19				26.3 (45)	42.5 (35)			9730
21				28.3 (45)	42.7 (35)			10230
25				27.2 (45)	40.5 (35)			
29				27.1 (45)	39.6 (35)			11880
31				27.2 (45)	39.9 (35)			11650
34				26.2 (45)	39.2 (35)			13650
43	81.6			29.0 (29)	40.4 (50)	30.7 (50)	12.0 (40)	
50	81.6			25.8 (44)	37.9 (49)	29.7 (50)	12.7 (21)	
57	81.3			27.6 (50)	38.2 (50)	31.3 (50)	_ (16)	
65	85.1			26.4 (50)	40.0 (49)	30.6 (50)	13.1 (50)	

ONTONG-JAVA PLATEAU 0.0 160°E 2.75 km MW91-9 GIANT GRAVITY CORE 41 MCCORKLE WHOI $CO_3^{=}$ 77 μmol/kg

DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
155	78.8	19	-1.07	20.8 (21)	31.5 (50)	25.3 (22)	_ (6)	
160	78.9	21	-0.90	23.2 (18)	32.0 (50)	23.3 (20)	_ (4)	
165	80.2	25	-1.45	21.4 (17)	37.1 (50)	27.5 (16)	_ (6)	
170	80.8	19	-1.53	22.1 (12)	36.2 (37)	29.6 (13)	_ (3)	
175	84.3	36	-1.55	26.2 (50)	40.9 (50)	_ (7)	11.9 (46)	
180	81.7	32	-1.64	24.1 (50)	42.4 (51)	_ (10)	10.0 (41)	
185	82.6	33	-1.84	25.4 (50)	40.8 (50)	30.2 (14)	14.2 (42)	
190	80.4	21		_ (6)	37.6 (50)	25.1 (13)	_ (1)	
195	78.7	26	-1.51	23.7 (21)	37.7 (50)	26.7 (27)	_ (10)	
200	81.7	29	-1.75	25.8 (50)	35.0 (49)	30.0 (38)	14.0 (23)	
205	79.5	24	-1.70	26.4 (17)	37.9 (50)	27.6 (21)	15.1 (22)	
210	84.1	34	-1.70	21.9 (21)	37.7 (50)	25.2 (20)	_ (2)	
215	83.6	30	-1.69	27.4 (48)	44.7 (50)	28.6 (32)	13.3 (50)	
220	84.2	41	-1.63	26.1 (49)	43.9 (49)	29.9 (21)	13.9 (36)	
225	86.7	44	-1.76	27.2 (50)	42.4 (49)	30.8 (33)	14.2 (50)	
230	83.1	36	-1.69	22.9 (50)	40.3 (50)	22.8 (26)	13.5 (49)	
235	81.0	29	-1.72	21.6 (25)	34.4 (50)	26.1 (17)	_ (7)	
240	81.9	29	-1.72	21.2 (20)	35.2 (50)	24.0 (24)	_ (4)	
245	82.2	33	-1.60	21.6 (31)	37.7 (50)	24.1 (49)	_ (5)	
250	81.5	27	-1.94	20.5 (30)	37.0 (50)	22.8 (23)	_ (5)	
255	82.2	36	-1.93	25.6 (50)	41.5 (56)	29.1 (29)	12.9 (39)	
260	84.9	49	-2.14	26.2 (100)	43.6 (100)	27.7 (66)	14.0 (47)	

ONTONG-JAVA PLATEAU 0.0 160°E 2.75 km MW91-9 GIANT GRAVITY CORE 41 MCCORKLE WHOI $CO_3^{=}$ 77 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
265	82.1	45	-2.11	27.0 (100)	40.1 (87)	29.0 (100)	11.9 (50)	
270	81.5	47	-1.66	27.0 (100)	42.7 (98)	30.4 (100)	13.4 (49)	
275	80.0	49	-1.63	29.1 (100)	38.3 (98)	29.4 (99)	14.6 (50)	
279	79.2	40	-1.10	26.5 (87)	37.4 (93)	29.1 (100)	12.9 (50)	

ONTONG-JAVA PLATEAU 0.0° 161°E 3.16 km MW91-9 GIANT GRAVITY CORE 44 MCCORKLE, WHOI $CO_3^{=}$ = 80 μmol/kg

DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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	83.2	44	-2.09	28.4 (49)	36.7 (49)	24.2(50)	12.4 (48)	
10	86.2	49	-1.80	30.8 (50)	35.1 (48)	29.8 (50)	12.7 (51)	
18	84.0	49	-1.50	27.6 (50)	40.1 (49)	30.3 (50)	12.9 (50)	
26	77.9	29	-1.45	27.8 (50)	36.3 (50)	28.2 (50)	12.5 (50)	
34	77.2	21	-0.74	23.9 (43)	32.6 (50)	28.2 (50)	12.2 (50)	
42	76.1	24	-0.94	23.8 (50)	31.6 (50)	25.9 (50)	12.5 (47)	
50	80.2	26	-1.05	24.2 (49)	34.4 (49)	27.9 (50)	11.6 (36)	
58	81.3	32	-1.10	26.9 (50)	36.7 (50)	28.3 (50)	11.2 (50)	
66	85.1	36	-1.02	23.9 (50)	35.6 (50	27.4 (50)	12.3 (50)	
74	82.1	24	-1.13	22.7 (34)	35.2 (50	27.5 (48)	12.4 (50)	
82	82.3	37	-1.35	25.9 (49)	34.7(50)	28.8 (49)	11.7 (50)	
90	80.9	33	-1.33	21.7 (44)	33.5 (50)	24.7 (50)	11.3 (50)	
98	76.1	35	-1.22	25.2 (42)	36.7 (50)	27.1 (48)	13.2 (50)	
106	83.9	28	-1.36	25.0 (50)	38.3 (50)	26.7 (50)	12.8 (51)	
114	84.7	33	-1.21	24.8 (50)	38.4 (50)	27.3 (53)	13.1 (50)	
122	82.4	22	-1.18	27.4 (24)	36.0 (50)	26.1 (50)	12.2 (21)	
130	78.5	16	-1.11	19.0 (10)	35.7 (50)	23.5 (24)	12.4 (21)	
138	76.4	16	-1.09	_ (7)	28.7 (50)	24.4 (21)	_ (7)	

ONTONG-JAVA PLATEAU 3.8°N 159°E 3.16 km RC17-176 PISTON CORE LOTTI, LDEO $CO_3^{=}$ = 80 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
10	90.0	46	-1.99					
20	85.7	41	-1.00	34.0 (49)	38.7 (50)	29.1 (50)	16.2 (50)	
30	83.0	53	-0.88	32.0 (50)	38.4 (50)	30.7 (50)	14.6 (50)	
40	90.0	51	-1.24	31.9 (50)	38.1 (50)	31.4 (50)	14.9 (50)	
50	88.8	46	-1.43					
60	88.9	40	-1.50	33.4 (50)	39.3 (50)	32.0 (50)	16.2 (50)	
70	87.6	31	-1.20	29.7 (24)	35.6 (50)	25.9 (49)	15.2 (24)	
80	88.0	30	-1.80	31.7 (11)	39.8 (50)	26.9 (15)	_ (9)	
85				_ (6)	41.5 (50)	_ (4)	_ (4)	
90	87.7	19	-1.80	_ (0)	39.3 (50)	_ (4)	_ (3)	
95				_ (3)	37.5 (50)	_ (10)	_ (0)	
102	88.4	34	-1.97	27.2 (35)	42.3 (50)	30.8 (27)	14.0 (22)	
110	86.9	31	-1.88	24.8 (12)	39.5 (50)	27.5 (22)	_ (1)	
120	89.2	53	-1.98	33.8 (50)	46.4 (50)	32.9 (50)	16.6 (50)	
130	87.8	47	-1.32	33.2 (50)	42.5 (50)	33.2 (50)	15.5 (50)	
140	89.1	47	-0.85	30.7 (50)	40.5 (50)	31.9 (50)	15.8 (50)	
150	90.0	44	-0.78	34.1 (50)	42.3 (50)	36.0 (50)	16.1 (50)	
160	89.2	37	-0.97	33.5 (50)	45.4 (50)	31.8 (50)	16.1 (50)	
170	90.7	37	-1.06					
180	84.3	16	-1.25					
190	89.6	32	-1.56					
200	91.1	40	-1.49					

ONTONG-JAVA PLATEAU 3.8°N 159°E 3.16 km RC17-176 PISTON CORE LOTTI, LDEO $CO_3^{=}$ = 80 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
210	89.4	33	-1.33					
220	88.1	23	-1.48					
230	87.1	47	-1.57					
240	87.7	46	-1.18					
250	89.6	47	-1.03					
260	88.0	31	-1.00					
270	85.1	17	-0.77					
280	90.1	21	-1.11					
290	89.6	13	-0.96					
300	87.8	17	-1.20					

ONTONG-JAVA PLATEAU 0.0° 161°E 3.40 km MW91-9 GIANT GRAVITY CORE 48 McCORKLE, WHOI $CO_3^{=}$ = 82 μmol/kg

DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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	83.7	32	-1.95	21.7 (24)	35.7 (100)	_ (8)	_ (3)	
10	84.4	49	-1.88	25.2 (100)	38.0 (100)	26.5 (55)	12.2 (43)	
18	81.3	41	-1.68	26.9 (100)	39.6 (100)	28.2 (100)	13.0 (50)	
26	77.0	28	-1.19	24.4 (100)	36.6 (99)	24.2 (100)	11.0 (50)	
34	75.4	17	-0.93	23.2 (10)	33.4 (98)	20.8 (33)	11.6 (36)	
42	74.1	19	-0.79	21.4 (18)	31.5 (50)	20.4 (50)	11.0 (50)	
50	75.3	27	-0.68	21.2 (11)	33.4 (100)	22.5 (25)	_ (1)	
58	80.0	25	-0.84	20.4 (18)	34.7 (100)	22.8 (31)	11.5 (31)	
66	81.3	25	-1.02	18.8 (21)	34.6 (100)	25.5 (58)	9.8 (28)	
74	82.0	31	-1.03	21.7 (28)	32.7 (50)	22.4 (79)	10.6 (50)	
82	80.4	24	-1.06	19.4 (9)	33.7 (100)	24.6 (83)	10.4 (42)	
90	81.0	32	-1.10	20.6 (18)	35.7 (100)	23.2 (50)	10.7 (44)	
98	81.1	29	-1.27	21.0 (25)	33.0 (100)	22.9 (50)	11.1 (50)	
106	83.7	27	-1.10	21.6 (15)	33.4 (100)	25.5 (100)	10.3 (41)	
114	83.5	34	-1.20	23.1 (100)	38.5 (100)	28.0 (100)	11.0 (50)	
122	83.0	32	-1.20	19.4 (33)	37.6 (100)	25.7 (81)	11.7 (50)	
130	80.6	24	-1.21	_ (11)	36.8 (100)	24.2 (44)	11.1 (40)	
138	79.4	15	-0.94	_ (4)	33.0 (100)	21.6 (13)	_ (3)	
142	72.6	16		24.4 (10)	35.4 (50)	24.4 (12)	_ (7)	
150	75.0	18		23.4 (28)	34.2 (50)	28.0 (50)	12.9 (22)	
154	75.3	19	-0.68	17.5 (17)	31.5 (78)	20.9 (50)	10.8 (25)	
162	76.5	24		18.5 (47)	32.9 (49)	21.5 (50)	11.3 (40)	

ONTONG-JAVA PLATEAU 0.0° 161°E 3.40 km MW91-9 GIANT GRAVITY CORE 48 McCORKLE, WHOI $CO_3^{=}$ = 82 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
170	84.3	41		22.3 (94)	40.6 (99)	27.3 (50)	11.8 (46)	
178	81.2	29		15.1 (21)	36.3 (100)	21.3 (26)	_ (3)	
186	78.8	21		_ (5)	31.2 (36)	_ (4)	_ (3)	
194	79.3	18		_ (0)	31.2 (41)	_ (1)	_ (0)	
202	82.0	32		20.5 (29)	37.8 (100)	24.5 (13)	11.3 (19)	
210	84.3	22		_ (7)	35.7 (99)	_ (12)	_ (5)	
218	77.6	18		_ (0)	31.1 (51)	_ (5)	_ (1)	
226	79.7	20		_ (2)	33.4 (99)	_ (6)	_ (2)	
234	81.1	26		16.2 (21)	37.7 (97)	24.5 (20)	12.1 (13)	
242	85.1	30		22.5 (40)	41.5 (100)	_ (4)	12.5 (50)	
250	78.7	20		_ (4)	29.2 (50)	_ (9)	_ (0)	
258	76.1	15		_ (0)	27.4 (27)	_ (4)	_ (0)	
266	73.6	15		_ (2)	32.4 (38)	_ (11)	11.0 (15)	

ONTONG-JAVA PLATEAU 0.0° 161°E 3.43 km MW91-9 BOX CORE 51 McCORKLE, WHOI $CO_3^{=}$ = 83 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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 to 3			-1.88	22.3 (28)	36.5 (50)	23.5 (12)	_ (0)	
4 to 5	84.5	35	-1.83	23.3 (49)	37.2 (50)	24.6 (19)	_ (1)	
6 to 7			-1.85	23.5 (50)	42.8 (49)	24.6 (26)	_ (0)	
8 to 9			-1.84	23.0 (50)	40.8 (50)	25.8 (44)	_ (0)	
10 to 11	86.5	44	-1.95	25.1 (51)	40.1 (50)	28.1 (49)	12.8 (29)	5485±65
12 to 13			-1.80	25.1 (50)	40.9 (50)	30.5 (50)	13.3 (50)	
14 to 15	87.5	56	-1.83	27.8 (50)	42.3 (50)	28.5 (50)	13.9 (50)	
16 to 17			-1.81	26.9 (50)	41.2 (50)	28.6 (50)	13.8 (50)	
18 to 19			-1.78	29.2 (50)	42.1 (50)	32.1 (50)	14.1 (50)	
20 to 21	81.0	_	-1.63	28.1 (50)	39.6 (50)	30.5 (50)	13.7 (50)	8660±75
22 to 23			-1.64	28.3 (50)	42.3 (50)	28.6 (50)	13.9 (50)	
24 to 25	81.9	44	-1.45	27.1 (50)	40.8 (50)	28.4 (50)	13.5 (50)	
26 to 27			-1.50	27.7 (50)	41.1 (50)	29.7 (50)	12.8 (50)	
28 to 29			-1.55	26.3 (50)	43.4 (50)	27.5 (50)	14.1 (50)	
30 to 31	80.8	34	-1.42	28.7 (50)	44.0 (50)	30.1 (50)	12.8 (50)	
32 to 33			-1.30	24.2 (50)	36.6 (50)	25.5 (50)	12.9 (50)	
34 to 35			-1.35	25.4 (50)	40.9 (50)	28.6 (50)	13.2 (50)	
36 to 37			-0.97	25.6 (50)	36.1 (50)	27.9 (50)	12.6 (50)	13210±120

ONTONG-JAVA PLATEAU 0.0° 162°E 4.04 km MW91-9 GIANT GRAVITY CORE 55 McCORKLE, WHOI $CO_3^{=}$ = 88 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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	75.0	37	-1.37	_ (1)	32.3 (50)	_ (1)	_ (0)	
10	78.6	35	-1.15	23.2 (50)	37.4 (50)	25.6 (50)	11.4 (15)	
18	75.6	16	-0.14	_ (0)	33.6 (34)	_ (9)	_ (0)	
26	76.9	21	-0.04	_ (0)	33.6 (50)	22.9 (13)	_ (0)	
34	80.0	33	-0.80	18.3 (37)	35.0 (50)	23.5 (49)	_ (5)	
42	80.6	27	-0.59	_ (8)	34.1 (50)	23.9 (50)	_ (0)	
50	78.0	20	-0.83	_ (7)	32.7 (50)	_ (30)	_ (0)	
58	79.8	29	-0.93	22.6 (27)	39.6 (50)	27.2 (50)	_ (0)	
66	73.6	21	-0.81	_ (0)	31.8 (50)	23.1 (18)	_ (0)	
74	67.3	17	-0.69	_ (0)	30.5 (50)	_ (2)	_ (0)	
82	78.4	18	-1.10	_ (0)	34.4 (50)	_ (1)	_ (0)	
90	69.1	20	-1.09	_ (0)	36.8 (46)	_ (1)	_ (0)	
98	73.2	19	-0.95	_ (0)	34.7 (50)	_ (2)	_ (0)	
106	70.5	15	-1.22	_ (0)	31.1 (23)	_ (0)	_ (0)	
114	71.6	25	-0.27	_ (2)	37.2 (51)	26.1 (47)	_ (0)	
122	74.3	30	-0.06	17.3 (14)	34.9 (50)	24.7 (50)	_ (0)	
130	75.5	30	-0.17	19.6 (49)	35.3 (50)	24.9 (51)	_ (5)	
138	79.5	29	-0.72					
146	76.1	22	-0.61					
154	72.1	20	-0.91					
162	75.8	26	-0.89					
170	79.9	24	-1.21					

ONTONG-JAVA PLATEAU 0.0° 162°E 4.04 km MW91-9 GIANT GRAVITY CORE 55 McCORKLE, WHOI $CO_3^{=}$ = 88 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *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
178	75.7	28	-0.98					
186	60.7	18	-1.08					
194	67.2	14						
202	73.2	19	-1.48					
210	76.9	17	-1.18					
218	73.9	13	-0.91					
226	84.0	22	-1.49					
234	81.1	24	-1.11					
242	79.4	20	-1.01					
250	82.9	28	-0.80					
258	79.1	16	-0.83					
266	57.1	13	-0.99					
274	58.2	18	-0.92					
282	70.4	16	-1.21					
290	70.8	14	-1.34					
298	67.7	11						
306	73.3	11	-1.38					
314	78.1	14	-1.11					
322	72.6	15	-0.63					

ONTONG-JAVA PLATEAU 0.0° 162°E 4.04 km MW91-9 BOX CORE 56 MCCORKLE, WHOI $CO_3^{=}$ = 88 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ ‰	*G. SAC.* 355-420 μg	*P. OBLIQ.* 355-420 μg	*N. DUT.* 355-420 μg	*G. RUBER* 300-355 μg	RADIOCARBON AGE yrs
0 to 1	75.9	21		_ (1)	27.9 (50)	_ (2)	_ (0)	3955±60
2 to 3	77.1	25		_ (2)	28.8 (50)	_ (4)	_ (0)	4220±60
4 to 5	78.0	24		_ (2)	28.7 (50)	_ (0)	_ (0)	4240±60
6 to 7	79.4	22		19.7 (33)	32.5 (50)	25.9 (19)	_ (0)	5045±65
8 to 9	80.4	34		22.0 (50)	35.0 (50)	24.8 (30)	_ (0)	6370±65
10 to 11	82.9	34		24.7 (50)	39.7 (50)	27.7 (50)	_ (1)	7080±70
12 to 13	84.1	34		24.1 (50)	39.9 (50)	28.1 (50)	_ (6)	9215±80
14 to 15	82.6	41		23.1 (50)	40.3 (50)	27.0 (50)	_ (11)	9295±80
16 to 17	83.4	38		26.1 (49)	39.9 (50)	29.3 (50)	11.0 (49)	
18 to 19	80.2	34		25.4 (50)	39.6 (50)	28.2 (50)	11.4 (50)	
20 to 21	73.3	36		24.7 (50)	37.0 (50)	28.6 (50)	12.1 (51)	11950±85
22 to 23	76.2	29		25.7 (50)	37.8 (50)	27.4 (50)	12.1 (50)	
24 to 25	77.2	23		23.4 (50)	38.0 (50)	26.9 (51)	11.8 (51)	13830±110
26 to 27	75.3	19		22.7 (49)	35.2 (50)	25.7 (50)	10.8 (19)	
28 to 29	76.6	20		20.3 (50)	36.2 (50)	26.0 (50)	11.0 (32)	
30 to 31	76.1	16		22.1 (21)	30.8 (50)	22.2 (50)	10.9 (10)	15860±110
32 to 33	75.3	16		22.2 (14)	32.2 (50)	24.3 (49)	_ (0)	18090±130
34 to 35	71.4	22		_ (4)	31.2 (50)	24.3 (50)	_ (0)	
36 to 37	77.5	19		20.1 (16)	33.6 (50)	24.4 (50)	_ (0)	
38 to 39	77.4	22		20.3 (30)	35.4 (50)	25.6 (50)	_ (3)	

ONTONG-JAVA PLATEAU 1.2°N 162°E 4.11 km V24-108 PISTON CORE LOTTI, LDEO $CO_3^{=}$ = 88 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *P. OBLIQ.* *G. TUM.* ‰	*G. SAC.* 355-420 μg	*P. OBLIQ.* 355-420 μg	*N. DUT.* 355-420 μg	*G. RUBER* 300-355 μg	RADIOCARBON AGE yrs
5	75.9	31	-1.43					8295 (3)
			-0.50					10850 (9)
15	77.4	30	-0.90					
			0.26					22680 (20)
25	78.3	25	-0.83					
			-0.15					
36	78.6	25	-0.47					
			-0.26					33460 (20)
45	81.4	22	-0.84					
			-0.11					
55	80.3	23	-0.86					
			-0.05					
67	68.3	23	-0.69					
			0.15					
76	59.9	19	-1.12					
			-0.35					
85	63.6	30	-0.74					
			0.36					
95	78.2	30	-0.53					
			0.05					
106	75.2	27	-0.43					

ONTONG-JAVA PLATEAU 1.2°N 162°E 4.11 km V24-108 PISTON CORE LOTTI, LDEO $CO_3^{=}$ = 88 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *P. OBLIQ.* *G. TUM.* ‰	*G. SAC.* 355-420 μg	*P. OBLIQ.* 355-420 μg	*N. DUT.* 355-420 μg	*G. RUBER* 300-355 μg	RADIOCARBON AGE yrs
			0.45					
115	82.2	19	-0.60					
			-0.26					
126	63	18	-0.38					
			0.36					
134	67.4	14	-0.81					
			-0.25					
145	76.9	16	-0.94					
			-0.16					
153	80.2	17	-0.52					
			0.30					
164	74.2	22	-0.43					
			0.16					
176	54.8	19	-0.49					
			0.03					
188	62.3	24	-0.33					
			0.40					
194	49	24	-0.09					
			0.07					
205	61.2	22	-0.62					
			0.16					

ONTONG-JAVA PLATEAU 1.2°N 162°E 4.11 km V24-108 PISTON CORE LOTTI, LDEO $CO_3^{=}$ = 88 μmol/kg								
DEPTH IN CORE cm	$CaCO_3$ CONTENT %	SIZE INDEX %	$\delta^{18}O$ *P. OBLIQ.* *G. TUM.* ‰	*G. SAC.* 355-420 μg	*P. OBLIQ.* 355-420 μg	*N. DUT.* 355-420 μg	*G. RUBER* 300-355 μg	RADIOCARBON AGE yrs
215	72.2	22	-0.69					
			-0.40					
226	80.3	16	-0.56					
			0.42					
235	76.7	17	-0.57					
247	69.1	12	-0.66					
255	78.2	15	-0.79					
266	77.0	15	-0.82					
275	72.6	13	-1.00					
283	79.2	19	-0.53					
297	83.1	23	-0.07					