

Table 1. Conventional ^{14}C Ages for Foraminifera and Total Organic Carbon Samples as a Function of Depth in MD012403a

Depth, m	14C Age Foraminifera, years B.P.	Weight, mg	$\delta^{13}\text{C}$ (Foraminifera), permil	14C age TOC, years B.P.	Age Differences (TOC-Foraminifera)				pCocb, %	Calibration Age, cal years B.P.
0.26-0.27	797c	NA	NA	6,987	35	6,190	46	NA		
0.31-0.32	1,048	45	6.571	2.25				588		
2.41-2.42	3,244	45	7.135	2.12	11,139	50	7,895	95	37	3,026
3.71-3.72	4,432	45	7.397	1.82				4,570		
4.91-4.92	6,164	55	8.306	2.55	13,557	60	7,390	115	40	6,559
6.01-6.02	8,211	50	6.915	1.60				8,725		
7.61-7.62	9,553	55	6.904	1.67				10,372		
9.51-9.52d	9,557	70	2.906	1.42	13,989	60	4,436	130	57	10,373
10.60-10.62	10,111	55	6.938	1.60				11,040		
11.41-11.42	10,312	45	5.329	2.03				11,275		
13.51-13.52	11,325	55	5.495	2.09	15,159	70	3,834	125	62	12,872
16.71-16.72	15,867	65	4.541	0.91	18,368	90	2,501	155	73	18,763
19.61-19.62	17,936	75	6.804	0.38				20,705		
19.91-19.92	18,000	110	6.696	1.03	20,660	110	2,660	220	71	20,775

aThe $\delta^{13}\text{C}$ (foraminifera) was obtained during ^{14}C measurement and used for ^{13}C correction. Species are a mixture of *Globigerinoides ruber*, *Globigerinoides sacculifer*, *Globigerinoides conglobatus*, *Globigerina ququilateralis*, and *Orbulina universa*. NA indicates not available.

bPercent contemporaneous OC, defined as TOC formed near the time of deposition (see section 2).

cExtrapolated foraminifera age (see text).

dProblematic because of insufficient amount of specimen, yet, real age should fall within a small range without significant influence.