

Table T1. Age-depth data, Site 1168. (See table notes. Continued on next four pages.)

Source	Hole	Event	Age (Ma)	Alternate Age (Ma)	Core, section, interval (cm)		Depth (mbsf)			Depth error (m)
					Top	Bottom	Top	Bottom	Mean	
					189-1168A-	189-1168A-				
BOI	1168A	Base Holocene plateau	0.0097						0.050	0.000
BOI		MIS 2.2	0.018						0.300	0.000
N		FO <i>Emiliana huxleyi</i> acme	0.085		1H-1, 15-16	1H-1, 90-91	0.155	0.905	0.530	0.375
BOI		Maximum close to 2.2	0.0219						0.550	0.000
BOI		MIS 3.3	0.0502						0.950	0.000
BOI		MIS 4.22	0.0641						1.100	0.000
BOI		MIS 5.3	0.0964						1.300	0.000
BOI		MIS 5.51	0.1226						1.550	0.000
BOI		MIS 6.2	0.1351						1.700	0.000
BOI		MIS 6.5	0.1751						1.800	0.000
BOI		MIS 7.1	0.1931						1.900	0.000
N		FO <i>Emiliana huxleyi</i>	0.24		1H-2, 15-16	1H-2, 90-91	1.655	2.405	2.030	0.375
BOI		MIS 7.3	0.2155						2.050	0.000
BOI		MIS 7.5	0.2402						2.150	0.000
BOI		MIS 8.4	0.2657						2.350	0.000
BOI		MIS 8.5	0.2885						2.550	0.000
M	1168B	Onset C1n	XXX	0.7800					2.580	
BOI	1168A	MIS 9.1	0.31						2.800	0.000
BOI		MIS 9.3	0.331						3.050	0.000
BOI		MIS 10.2	0.341						3.250	0.000
N		LO <i>Pseudoemiliana lacunosa</i>	0.42		1H-3, 15-16	1H-3, 90-91	3.155	3.905	3.530	0.375
M	1168B	Termination C1r.1n	XXX	0.99					4.200	
BOI	1168A	MIS 11.3	0.405						4.250	0.000
BOI		MIS 12.2	0.434						4.900	0.000
BOI		MIS 12.4	0.471						5.350	0.000
M	1168B	Onset C1r.1n	XXX	1.070					5.800	
BOI	1168A	MIS 13.2	0.512						5.950	0.000
BOI		MIS 16.2	0.625						6.900	0.000
BOI		MIS 18.2	0.722						8.000	0.000
N		LO <i>Reticulofenestra asanoi</i>	0.83		2H-1, 90-91	2H-2, 15-16	8.200	8.950	8.575	0.375
BOI		MIS 20.2	0.796						8.800	0.000
BOI		MIS 22	0.872						9.650	0.000
M	1168B	Termination C2n	XXX	1.770					10.000	
BOI	1168A	MIS 24	0.920						10.150	0.000
N		FO <i>Reticulofenestra asanoi</i>	1.16		2H-3, 15-16	2H-3, 90-91	10.455	11.205	10.830	0.375
N		LO <i>Helicosphaera sellii</i>	1.26		2H-3, 15-16	2H-3, 90-91	10.455	11.205	10.830	0.375
N		LO <i>Calcidiscus macintyre</i>	1.59		2H-3, 15-16	2H-3, 90-91	10.455	11.205	10.830	0.375
M	1168B	Onset C2n	XXX	1.95					12.200	
N	1168A	FO <i>Gephyrocapsa oceanica</i>	1.65		2H-5, 15-16	2H-5, 90-91	13.455	14.205	13.830	0.375
F		FO <i>Globorotalia truncatulinoides</i>	XXX	2.0	2H-3, 78-83	2H-CC	11.105	16.965	14.035	2.930
M	1168B	Termination C2r.1n	XXX	2.14					14.300	
N	1168A	FO <i>Gephyrocapsa caribbeanica</i>	1.72		2H-5, 90-91	2H-6, 15-16	14.205	15.705	14.955	0.750
Pliocene/Pleistocene boundary 1.77 Ma										
M	1168B	Onset C2r.1n	XXX	2.15					15.900	
M		Termination C2An.1n	XXX	2.581					18.500	
N	1168A	LO <i>Discoaster surculus</i>	2.51		3H-3, 15-16	3H-3, 90-91	19.955	20.705	20.330	0.375
M	1168B	Onset C2An.1n	XXX	3.04					24.200	

Table T1 (continued).

Source	Hole	Event	Age (Ma)	Alternate Age (Ma)	Core, section, interval (cm)		Depth (mbsf)			Depth error (m)
					Top	Bottom	Top	Bottom	Mean	
D	1168A	LO <i>Invertocysta</i> spp.	XXX	2.5	189-1168A-3H-CC	189-1168A-4H-3, 60-62	26.580	29.860	28.220	1.640
F		FO <i>Globorotalia inflata</i>	3.2		4H-1, 79-83	4H-3, 79-83	27.110	30.060	28.585	1.475
M	1168B	Termination C2An.2n	3.11						29.600	
M		Onset C2An.2n	3.22						31.100	
M		Termination C2An.3n	3.33						33.600	
M		Onset C2An.3n	3.58						42.700	
lower/upper Pliocene boundary 3.58 Ma										
F	1168A	LO <i>Globorotalia conomiozea</i>	XXX	???	5H-CC	6H-1, 80-84	45.785	46.120	45.953	0.168
N		LO <i>Reticulofenestra pseudumbilica</i>	3.65		6H-2, 15-16	6H-2, 90-91	46.955	47.705	47.330	0.375
F		LO <i>Globorotalia pliozea</i>	4.6		6H-1, 80-84	6H-3, 80-84	46.120	49.120	47.620	1.500
M	1168B	Termination C3n.1n	XXX	4.18					48.000	
M		Onset C3n.1n	XXX	4.29					50.700	
M		Onset C3n.2n	XXX	4.48					61.500	
M		Termination C3n.4n	XXX	4.98					71.100	
F	1168A	FO <i>Globorotalia crassaformis</i>	4.7		9H-1, 80-84	9H-3, 80-84	74.620	77.620	76.120	1.500
F		FO <i>Globorotalia punctulata</i>	4.8		9H-1, 80-84	9H-3, 80-84	74.620	77.620	76.120	1.500
M	1168B	Onset C3n.4n	XXX	5.23					79.800	
F	1168A	FO <i>Globorotalia pliozea</i>	5.6		9H-CC	10H-1, 80-84	82.870	84.120	83.495	0.625
N		LO <i>Trifarina angulosa</i>	5.23		10H-1, 15-16	10H-2, 15-16	83.455	84.955	84.205	0.750
D		LO <i>Reticulatosphaera actinocoronata</i>	5.2		9H-CC	10H-7, 60-62	82.870	92.910	87.890	5.020
Miocene/Pliocene boundary 5.3 Ma										
M	1168B	Termination C3An.1n	5.894						89.900	
M		Onset C3An.2n	XXX	6.567					98.970	
F	1168A	FO <i>Globorotalia sphericomiozea</i>	5.6		11H-3, 80-84	11H-CC	96.620	102.525	99.573	2.953
N		<i>Reticulofenestra pseudumbilica</i> paracme top	7.1		12H-1, 15-16	12H-2, 15-16	102.45	103.95	103.200	0.750
M	1168B	Termination C3Bn	XXX	6.935	12H-3, 15-16	12H-4, 15-16			104.000	
N	1168A	FO <i>Amaurolithus delicatus</i>	7.3				105.455	106.955	106.205	0.750
M	1168B	Onset C3Bn	XXX	7.091					107.300	
N	1168A	FO <i>Amaurolithus primus</i>	7.4		12H-6, 15-16	12H-7, 15-16	109.955	111.455	110.705	0.750
F		LO <i>Globorotalia panda</i>	XXX	11.8	13X-1, 80-84	13X-3, 80-84	112.620	115.620	114.120	1.500
Dm		FO <i>Fragilariopsis reinholdii</i>	XXX	8.1	13X-CC	14X-CC	115.900	125.710	120.805	4.905
F		FO <i>Globorotalia conomiozea</i>	7.12		14X-1, 80-84	14X-3, 80-84	119.320	122.320	120.820	1.500
N		LO <i>Minylitha convallis</i>	7.8		15X-1, 15-16	15X-2, 15-16	128.255	129.755	129.005	0.750
R		FO <i>Stylocystis aquilonarium</i>	XXX	7.0	14X-CC	15X-CC	125.710	132.855	129.283	3.573
Dm		FO <i>Actinocyclus ingens</i> var. <i>ovalis</i>	8.68		14X-CC	15X-CC	125.710	132.855	129.283	3.573
F		LO <i>Globobulimina dehiscens</i>	XXX	5.8	15X-1, 80-84	15X-3, 80-84	128.920	131.920	130.420	1.500
F		LO <i>Paragloborotalia continuosa</i>	8.0		15X-1, 80-84	15X-3, 80-84	128.920	131.920	130.420	1.500
N		<i>Reticulofenestra pseudumbilica</i> paracme bottom	8.78		15X-2, 15-16	15X-3, 15-16	129.75	131.25	130.500	0.750
F		FO <i>Globorotalia cibaoensis</i>	XXX	7.8	15X-3, 80-84	15X-CC	131.920	132.855	132.388	0.468
F		FO <i>Globorotalia juanai</i>	XXX	8.1	16X-1, 80-84	16X-3, 80-84	138.520	141.520	140.020	1.500
R		LO <i>Cyrtocapsella japonica</i>	9.9			17X-CC	144.810	154.250	149.530	4.720
N		FO <i>Minylitha convallis</i>	9.4		17X-4, 15-16	17X-5, 15-16	151.95	153.45	152.700	0.750
R		LAO <i>Cyrtocapsella japonica</i>	XXX	10.1	17X-CC	18X-CC	154.250	164.760	159.505	5.255
F		LO <i>Paragloborotalia nympha</i>	10.1		19X-3, 80-84	19X-CC	170.320	175.175	172.748	2.427
F		LO <i>Globorotalia miozea</i>	XXX	15.9	19X-CC	20X-1, 80-84	175.175	176.920	176.048	0.873
F		LO <i>Praeorbulina glomerosa</i>	XXX	14.8	20X-CC	21X-1, 80-84	184.100	186.520	185.310	1.210
F		FO <i>Neoglobobulimina pachyderma</i>	XXX	9.2	21X-1, 80-84	21X-3, 80-84	186.520	189.520	188.020	1.500
F		LO <i>Paragloborotalia mayeri</i>	11.4		22X-1, 80-84	22X-3, 80-84	186.520	189.520	188.020	1.500

Table T1 (continued).

Source	Hole	Event	Age (Ma)	Alternate Age (Ma)	Core, section, interval (cm)		Depth (mbsf)			Depth error (m)
					Top	Bottom	Top	Bottom	Mean	
					189-1168A-	189-1168A-				
		middle/upper Miocene boundary 11.2 Ma								
N	1168A	LO <i>Cyclicargolithus floridanus</i>	11.9		22X-2, 15–16	22X-3, 15–16	197.055	198.555	197.805	0.750
N		LO <i>Calcidiscus premacintyre</i>	12.7		24X-5, 15–16	24X-6, 15–16	220.755	222.255	221.505	0.750
F		LO <i>Globorotalia peripheroronda</i>	XXX	14.0	24X-CC	25X-1, 80–84	224.185	225.020	224.603	0.417
F		FO <i>Paragloborotalia mayeri</i>	XXX	12.1	24X-CC	25X-3, 80–84	224.185	228.020	226.103	1.917
F		LO <i>Globorotalia praescitula</i>	XXX	16.9	24X-CC	25X-3, 80–84	224.185	228.020	226.103	1.917
N		LCO <i>Cyclicargolithus floridanus</i>	13.2		26X-2, 15–16	26X-3, 15–16	235.455	236.955	236.205	0.750
F		FO <i>Paragloborotalia nympa</i>	13.4		26X-3, 80–84	26X-CC	237.620	243.420	240.520	2.900
N		LO <i>Sphenolithus heteromorphus</i>	13.52		26X-6, 15–16	26X-7, 15–16	241.455	242.955	242.205	0.750
F		FO <i>Orbulina suturalis</i>	15.1		28X-1, 80–82	28X-3, 80–82	253.810	256.730	255.270	1.460
F		LO <i>Globorotalia zealandica</i>	16.7		28X-CC	29X-1, 80–82	260.090	263.410	261.750	1.660
F		FO <i>Praeorbulina curva</i>	16.3		29X-1, 80–82	29X-3, 80–82	263.410	266.410	264.910	1.500
		lower/middle Miocene boundary 16.4 Ma								
M	1168A	Onset C5Cn.1n	XXX	16.293					272.200	
M		Termination C5Cn.2n	XXX	16.327					276.700	
M		Onset C5Cn.2n	XXX	16.488					279.000	
N		FO <i>Calcidiscus premacintyre</i>	17.4		30X-6, 15–16	30X-7, 15–16	279.855	280.855	280.355	0.500
M		Termination C5Cn.3n	XXX	16.556					282.100	
M		Onset C5Cn.3n	XXX	16.726					287.400	
F		LO <i>Catapsydrax dissimilis</i>	XXX	17.3	31X-3, 80–82	31X-CC	285.610	291.465	288.538	2.928
M		Termination C5Dn	XXX	17.277					292.200	
F		FO <i>Globorotalia miozea</i>	XXX	16.7	32X-1, 80–82	32X-3, 80–82	292.210	295.210	293.710	1.500
N		FO <i>Sphenolithus heteromorphus</i>	18.2		32X-2, 15–16	32X-3, 15–16	293.055	294.555	293.805	0.750
M		Onset C5Dn	XXX	17.615					296.500	
F		FO <i>Globorotalia zealandica</i>	XXX	17.3	32X-3, 80–82	32X-CC	295.210	300.805	298.008	2.798
N		LO <i>Sphenolithus belemnus</i>	18.3		32X-6, 15–16	32X-7, 15–16	299.055	300.055	299.555	0.500
F		FO <i>Globigerinoides trilobus</i>	18.8		32X-CC	33X-1, 80–82	300.805	301.510	301.158	0.352
M		Termination C5En	XXX	18.281					307.000	
F		FO <i>Globorotalia praescitula</i>	XXX	18.5	33X-3, 80–82	33X-CC	304.510	309.835	307.173	2.662
F		FO <i>Globoturbotalita connecta</i>	20.9		33X-CC	34X-4, 2–4	309.835	314.530	312.183	2.348
N		FO <i>Sphenolithus belemnus</i>	19.2		34X-3, 15–16	34X-4, 15–16	313.155	314.655	313.905	0.750
M		Onset C5En	XXX	18.781					315.000	
F		FO <i>Globorotalia incognita</i>	21.6		34X-6, 4–6	34X-CC	317.550	319.675	318.613	1.063
M		Termination C6n	XXX	19.048					321.200	
M		Onset C6n	XXX	20.131					334.600	
F		LO <i>Turborotalia euapertura</i>	XXX	23.8	36X-CC	37X-1, 80–82	338.870	339.610	339.240	0.370
M		Termination C6An.1n	XXX	20.518					339.500	
F		LO <i>Tenuitella munda</i>	XXX	21.4	37X-1, 80–82	37X-3, 80–82	339.610	342.610	341.110	1.500
M		Onset C6An.1n	XXX	20.725					341.500	
M		Termination C6An.2n	XXX	20.996					343.700	
M		Onset C6An.2n	XXX	21.320					346.700	
M		Termination C6AAAn	XXX	21.768					349.800	
M		Onset C6AAAn	XXX	21.859					351.100	
M		Termination C6AAr.1n	XXX	22.151					351.800	
M		Onset C6AAr.1n	XXX	22.248					353.500	
M		Termination C6AAr.2n	XXX	22.459					358.400	
M		Onset C6AAr.2n	XXX	22.493					359.000	

Table T1 (continued).

Source	Hole	Event	Age (Ma)	Alternate Age (Ma)	Core, section, interval (cm)		Depth (mbsf)			Depth error (m)
					Top	Bottom	Top	Bottom	Mean	
					189-1168A-	189-1168A-				
M		Termination C6Bn.1n	XXX	22.588					359.900	
M		Onset C6Bn.1n	XXX	22.75					366.000	
M		Termination C6Bn.2n	XXX	22.804					371.300	
F		FO <i>Globoturbotalita woodi</i>	22.6	21.8	40X-3, 80–82	40X-CC	371.410	376.335	373.873	2.462
F		LO <i>Dentoglobigerina globularis</i>	22.8		41X-1, 80–82	41X-3, 80–82	378.110	381.110	379.610	1.500
M		Onset C6Bn.2n	23.069						386.200	
F		FO <i>Globoquadrina dehiscentis</i>	23.2		44X-2, 4–6	44X-4, 71–72	407.650	411.315	409.483	1.832
D		LO <i>Chiropteridium</i> spp.	23.4		46X-1, 61–64	46X-4, 65–68	425.925	430.465	428.195	2.270
N		LO <i>Sphenolithus capricornutus</i>	23.7		47X-2, 120–121	47X-2, 140–141	437.605	437.805	437.705	0.100
Oligocene/Miocene boundary 23.8 Ma										
N	1168A	LO <i>Reticulofenestra bisecta bisecta</i>	23.9		47X-4, 68–69	47X-4, 80–81	440.085	440.205	440.145	0.060
M		Onset C6Cn.3n?	24.118						462.600	0.000
D		FO <i>Chiropteridium</i> spp.	24.5		50X-3, 60–62	50X-CC	467.310	472.510	469.910	2.600
M		Termination C7n.1n?	24.730						472.000	0.000
F		LO <i>Globigerina labiacrassata</i>	XXX	27.1	51X-1, 80–84	51X-3, 80–84	474.120	477.120	475.620	1.500
D		FO <i>Ectosphaeropsis burdigalensis</i>	25.5		51X-4, 60–62	52X-5, 60–62	478.410	489.510	483.960	5.550
M		Onset C7An?	25.648						500.000	0.000
M		Termination C8n.1n?	25.823						509.350	0.000
N		LO <i>Chiasmolithus altus</i>	26.1		55X-5, 125–126	55X-CC	518.940	521.020	519.980	1.040
F		LO <i>Guembelitra triseriata</i>	27.0		56X-CC	57X-1, 80–84	529.420	531.920	530.670	1.250
D		LO <i>Hystrichokolpoma</i> sp. cf. <i>Homotryblum oceanicum</i>	27.6		57X-2, 60–62	57X-7, 60–62	533.210	540.210	536.710	3.500
D		LO <i>Svalbardella</i> spp.	27.7		57X-7, 60–62	58X-3, 60–62	540.210	544.310	542.260	2.050
D		FO <i>Distatodinium biffii</i>	27.7		57X-7, 60–62	58X-3, 60–62	540.210	544.310	542.260	2.050
M		Onset C9n	27.972						546.200	0.000
D		FO <i>Svalbardella</i> spp.	28.0		58X-3, 60–62	58X-CC	544.310	550.390	547.350	3.040
D		LO <i>Wetzeliella gochtii</i>	28.1		59X-6, 60–62	60X-2, 60–62	558.510	562.110	560.310	1.800
D		LO <i>Hystrichokolpoma pusilla</i>	28.1		60X-2, 60–62	60X-4, 60–62	562.110	565.110	563.610	1.500
F		LCO <i>Chiloguembelina cubensis</i>	28.5		60X-3, 84–88	60X-CC	563.860	569.190	566.525	2.665
D		LO <i>Areoligera?</i> <i>semicirculata</i>	28.2		60X-4, 60–62	61X-3, 60–62	565.110	573.210	569.160	4.050
M		Termination C10n.1n	28.283						572.900	0.000
lower/upper Oligocene boundary 28.5 Ma										
M	1168A	Onset C10n.2n	28.745						592.000	0.000
M		Onset C11n.1n	29.401						600.000	0.000
D		FO <i>Hystrichokolpoma pusilla</i>	29.7		67X-4, 60–62	68X-3, 60–62	632.310	640.410	636.360	4.050
D		FO <i>Invertocysta</i> spp.	29.9		70X-2, 60–62	70X-3, 60–62	658.210	659.710	658.960	0.750
D		FO <i>Hystrichokolpoma</i> sp. cf. <i>Homotryblum oceanicum</i>	29.9		72X-2, 63–65	72X-4, 46–48	658.240	680.370	669.305	11.065
D		LO <i>Corrudinium incompositum</i>	30.0		73X-3, 57–59	74X-2, 63–65	688.580	696.840	692.710	4.130
F		LO <i>Subbotina angiporoides</i>	30.0		73X-CC	74X-CC	691.475	702.205	696.840	5.365
F		FO <i>Guembelitra triseriata</i>	XXX	32.5	73X-CC	74X-CC	691.475	702.205	696.840	5.365
D		FO <i>Areoligera?</i> <i>semicirculata</i>	30.4		74X-2, 63–65	74X-5, 60–62	696.840	701.310	699.075	2.235
D		FO <i>Wetzeliella gochtii</i>	30.4		74X-CC	75X-3, 60–62	702.205	707.910	705.058	2.853
D		FO <i>Apteodinium australiense</i>	30.4		74X-CC	75X-3, 60–62	702.205	707.910	705.058	2.853
M		Termination C12n	30.479						706.100	0.000
D		FO <i>Cooksonidium capricornum</i>	XXX	36.0	75X-2, 56–58	75X-CC	706.370	713.880	710.125	3.755
N		FO <i>Cyclicargolithus abisectus</i>	XXX	31.1	75X-4, 128–129	75X-5, 125–126	710.085	711.540	710.813	0.728
M		Onset C12n	30.939						729.900	0.000

Table T1 (continued).

Source	Hole	Event	Age (Ma)	Alternate Age (Ma)	Core, section, interval (cm)		Depth (mbsf)			Depth error (m)
					Top	Bottom	Top	Bottom	Mean	
					189-1168A-	189-1168A-				
D	LO	<i>Enneadocysta partridgei</i>	32.5		77X-4, 60–62	78X-4, 60–62	728.710	737.260	732.985	4.275
N	LO	<i>Reticulofenestra umbilicus</i>	31.3		77X-CC	78X-1, 38–39	733.255	733.585	733.420	0.165
N	LO	<i>Isthmolithus recurvus</i>	32.3		77X-CC	78X-1, 38–39	733.255	733.585	733.420	0.165
M		Termination C13n	33.058						733.950	0.000
F	FO	<i>Chiloguembelina cubensis</i>	XXX	41.2	77X-CC	78X-CC	733.255	742.990	738.123	4.868
M		Onset C13n	33.545						740.700	0.000
Eocene/Oligocene boundary 33.7 Ma										
D	LO	<i>Stoveracysta ornata</i>	33.9		78X-CC	79X-3, 60–62	742.990	746.410	744.700	1.710
F	LO	<i>Globigerapsis index</i>	34.3		78X-CC	79X-CC	742.990	752.385	747.688	4.698
D	LO	<i>Stoveracysta kakanuiensis</i>	34.1		79X-3, 60–62	79X-5, 60–62	746.410	749.410	747.910	1.500
D	FO	<i>Stoveracysta kakanuiensis</i>	34.5		79X-5, 60–62	79X-CC	749.410	752.385	750.898	1.488
M		Termination C15n	34.655						752.500	0.000
D	LO	<i>Cooksonidium capricornum</i>	34.7		79X-CC, 34–39	80X-2, 60–62	752.385	754.510	753.448	1.062
M		Onset C15n	34.94						759.815	0.000
M		Termination C16n.1n	35.343						776.100	0.000
M		Onset C16n.1n	35.526						788.600	
M		Termination C16n.2n	35.685						794.000	
D	FO	<i>Stoveracysta ornata</i>	36.0		84X-3, 60–62	84X-6, 60–62	794.410	798.910	796.660	2.250
D	LO	<i>Hemiplacophora semilunifera</i>	36.0		84X-3, 60–62	84X-6, 60–62	794.410	798.910	796.660	2.250
D	FO	<i>Reticulatosphaera actinocoronata</i>	36.1		84X-6, 60–62	84X-CC	798.910	799.390	799.150	0.240
D	FO	<i>Spiniferites mirabilis</i>	36.1		84X-6, 60–62	84X-CC	798.910	799.390	799.150	0.240
M		Onset C16n.2n	36.341						800.000	
M		Termination C17n.1n	36.618						812.850	0.000
N	LO	<i>Reticulofenestra reticulata</i>	35.9		86X-4, 125–126	86X-CC	815.640	818.170	816.905	1.265
D	LO	<i>Schematophora speciosa</i>	35.35		86X-CC	87X-2, 60–62	818.170	821.610	819.890	1.720
D	LO	<i>Aireana verrucosa</i>	35.5		88X-1, 60–62	88X-6, 60–62	829.710	837.210	833.460	3.750
D	FO	<i>Aireana verrucosa</i>	35.6		88X-6, 60–62	89X-3, 60–62	837.210	842.310	839.760	2.550
F	FO	<i>Globigerapsis index</i>	XXX	42.9	88X-CC	89X-CC	837.550	847.600	842.575	5.025
D	LO	<i>Deflandrea convexa</i>	35.8		92X-2, 60–62	92X-7, 55–57	863.510	870.660	867.085	3.575
D	FO	<i>Schematophora speciosa</i>	36.0		94X-3, 64–66	94X-CC	876.980	880.305	878.643	1.662

Notes: BOI = benthic oxygen isotope data, D = dinocyst, Dm = diatom, F = planktonic foraminifer, M = magnetostratigraphic event, N = nannofossil, R = radiolarian. FO = first occurrence, LO = last occurrence, LAO = last abundant occurrence, LCO = last common occurrence. MIS = marine isotope stage. Top sample = last downhole occurrence of marker (FO); next sample up in case of LO. Bottom sample = first downhole occurrence of marker (LO); next sample down in case of FO. Error = half depth of top–bottom sample range. Tables are arranged by depth (mbsf). The primary age model comprises the most robust data available. XXX = alternate data provided. Alternative datums remain less robust until further work can resolve them. We include these data in the tables to highlight problem areas. See text for datum references.