

Table T8. Biostratigraphic events identified at Site 1122.

	Event	Age (Ma)	Sample	Depth (mbsf)
F1	FO <i>Globorotalia hirsuta</i>	0.45	181-1122A-11X-CC	96.77
F2	LO <i>Globorotalia puncticuloides</i>	0.7–0.8	181-1122C-22X-CC	215.57
F3	Several forms younger than ~3.4 (see “Biostratigraphy,” p. 13.)	~3.4	181-1122C-52X-CC	472.78
F4	Occurrence of <i>Neogloboquadrina continuosa</i> and <i>N. pachyderma</i>	~11.3	181-1122C-58X-CC	523.48
F5	LO <i>Globorotalia praemenardii</i>	~13.0	181-1122C-62X-CC	563.31
F6	Co-occurrence of <i>Globorotalia zealandica</i> and <i>Gr. miozea</i>	16.3–16.7	181-1122C-68X-CC	617.8
N1	FO <i>Emiliana huxleyi</i>	0.24	181-1122A-5H-CC	46.57
N2	LO <i>Pseudoemiliana lacunosa</i>	0.42	181-1122C-20X-CC	161.21
N3	LO <i>Reticulofenestra asanoi</i>	0.83	181-1122C-29X-CC	247.63
N4	FO <i>Gephyrocapsa parallela</i>	0.9	181-1122C-36X-CC	318.20
N5	FO <i>Reticulofenestra asanoi</i>	1.06	181-1122C-38X-CC	333.28
N6–7	Range <i>Gephyrocapsa</i> (large)	1.1–1.36	181-1122C-41X through 44X-4, 13 cm	359.88–391.53
N8	FO <i>Gephyrocapsa</i> (medium)	1.66	181-1122C-46X-CC	412.44
N9	Several forms co-occurring (see “Biostratigraphy,” p. 13)	~3.45	181-1122C-52X-CC	~475
N10	LO <i>Cargolithus miopelagicus</i>	>10.4	181-1122C-54X-CC	~485
N11	FO <i>Calcidiscus macintyreii</i>	12.34	181-1122C-60X-CC	541.11
N12	LO <i>Sphenolithus heteromorphus</i>	13.52	181-1122C-63X-CC	571.27
N13	Absence of FO <i>Calcidiscus premacintyreii</i>	<17.4	181-1122C-68X-CC	617.8
D1	LO <i>Hemidiscus karstenii</i>	0.18–0.19	181-1122A-6H-CC	56.34
D2	Acme <i>Hemidiscus karstenii</i>	0.92	181-1122C-20X-CC	152.78
D3	LO <i>Actinocyclus ingens</i>	0.64	181-1122C-30X-CC	259.13
D4	LO <i>Thalassiosira elliptipora</i>	0.65–0.7	181-1122C-34X-CC	297.74
D5	LO <i>Nitzschia denticuloides</i>	11.3	181-1122C-54X-CC	488.15
D6	LO <i>Denticulopsis dimorpha</i>	12.2	181-1122C-54X-CC	488.15
D7	FO <i>Simonseniella barboi</i>	12.5	181-1122C-62X-CC	563.31
R1	LO <i>Stylatractus universus</i>	0.46	181-1122C-25X-CC	204.87
R2	LO <i>Lithelius nautiloides</i>	1.93	181-1122C-48X-CC	432.41
R3	FO <i>Eucyrtidium calvertense</i>	1.92	181-1122C-49X-CC	444.41

Note: F = foraminifer, N = nannofossil, D = diatom, R = radiolarian.





Table T9 (continued).

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	
63X-CC, 17-22	571.27	P	T	<i>Actinomma leptodermum</i>
64X-CC, 18-28	580.8	B	B	<i>Actinomma</i> sp.
65X-CC, 13-18	590.63	B	B	<i>Antarctissa denticulata</i>
66X-CC, 0-5	599.4	B	B	<i>Antarctissa longa</i>
67X-CC, 0-5	609.16	B	B	<i>Antarctissa strelkovi</i>
68X-CC, 0-5	617.8	B	B	<i>Axoprunum angelinum</i>
				<i>Botryostrobos aquilonaris</i>
				<i>Botryostrobos auritus/australis</i> gr.
				<i>Botryostrobos</i> sp.
				<i>Calocyclella</i> sp.
		R		<i>Carpocanistrum</i> sp.
				<i>Cornutella profunda</i>
				<i>Cycladophora bicornis bicornis</i>
				<i>Cycladophora davisiana davisiana</i>
				<i>Cycladophora plicenica</i>
		T		<i>Cyrtocapsella japonica</i>
				<i>Cyrtocapsella tetrapera</i>
				<i>Cyrtopera languncula</i>
				<i>Dictyophimus hirundo</i>
				<i>Dictyophimus</i> sp.
				<i>Druppatractus</i> sp.
				<i>Euchitonia</i> sp.
				<i>Eucyrtidium calvertense</i>
				<i>Eucyrtidium</i> sp.
				<i>Gondwanaria dogieli</i>
				<i>Heliodiscus asteriscus</i>
				<i>Helolithus praevema</i>
				<i>Hexacantium</i> sp.
				<i>Lamprocyrtis maritima</i>
				<i>Lamprocyrtis nigriinae</i>
				<i>Larcopyle</i> sp.
				<i>Larcospira</i> sp.
				<i>Lithelius nautiloides</i>
				<i>Lychnocanoma</i> sp.
				<i>Peripyramis</i> sp.
				<i>Phormostichoartus fistula</i>
				<i>Phortidium clevei</i>
				<i>Prunopyle antarctica</i>
				<i>Pterocanium trilobum</i>
				<i>Pylospira</i> sp.
				<i>Saccospyris antarctica</i>
				<i>Saturnalis circularis</i>
				<i>Siphocampe</i> sp.
				<i>Spongodiscus osculosus</i>
		R		<i>Spongodiscus</i> sp.
				<i>Spongoplegma antarcticum</i>
				<i>Spongotrochus glacialis</i>
				<i>Stichocorys peregrina</i>
				<i>Stylactarium acquilonium</i>
				<i>Stylactarium bispicillum</i>
				<i>Stylacturus</i> sp.
				<i>Stylacturus univertus</i>
				<i>Stylodictya</i> sp.
		R		<i>Thecosphaera</i> sp.
				<i>Theocorythium</i> sp.
				<i>Theocorythium trachelium trachelium</i>
				<i>Tricerapsyris antarctica</i>

Note: Preservation: VG = very good, G = good, M = moderate, and P = poor; total (group) abundance and relative abundance of radiolarians: A = abundant, C = common, F = few, R = rare, VR = very rare, T = trace, and B = barren.

Table T10. Composite depth section, Site 1122. (See table note. Continued on next six pages.)

Leg	Site	Hole	Core	Type	Section	Section length (m)	Depth (mbsf)	Offset (m)	Composite depth (mcd)
181	1122	A	1	H	1	1.50	0.00	7.88	7.88
181	1122	A	1	H	2	1.50	1.50	7.88	9.38
181	1122	A	1	H	3	1.50	3.00	7.88	10.88
181	1122	A	1	H	4	1.50	4.50	7.88	12.38
181	1122	A	1	H	5	1.50	6.00	7.88	13.88
181	1122	A	1	H	6	1.50	7.50	7.88	15.38
181	1122	A	1	H	7	0.14	9.00	7.88	16.88
181	1122	A	1	H	CC	0.18	9.14	7.88	17.02
181	1122	A	2	H	1	1.50	9.30	7.45	16.75
181	1122	A	2	H	2	1.50	10.80	7.45	18.25
181	1122	A	2	H	3	1.50	12.30	7.45	19.75
181	1122	A	2	H	4	1.50	13.80	7.45	21.25
181	1122	A	2	H	5	1.50	15.30	7.45	22.75
181	1122	A	2	H	6	1.50	16.80	7.45	24.25
181	1122	A	2	H	7	0.48	18.30	7.45	25.75
181	1122	A	2	H	CC	0.18	18.78	7.45	26.23
181	1122	A	3	H	1	1.50	18.80	9.12	27.92
181	1122	A	3	H	2	1.50	20.30	9.12	29.42
181	1122	A	3	H	3	1.50	21.80	9.12	30.92
181	1122	A	3	H	4	1.50	23.30	9.12	32.42
181	1122	A	3	H	5	1.50	24.80	9.12	33.92
181	1122	A	3	H	6	1.50	26.30	9.12	35.42
181	1122	A	3	H	7	0.63	27.80	9.12	36.92
181	1122	A	3	H	CC	0.14	28.43	9.12	37.55
181	1122	A	4	H	1	1.50	28.30	7.90	36.20
181	1122	A	4	H	2	1.50	29.80	7.90	37.70
181	1122	A	4	H	3	1.50	31.30	7.90	39.20
181	1122	A	4	H	4	1.50	32.80	7.90	40.70
181	1122	A	4	H	5	1.50	34.30	7.90	42.20
181	1122	A	4	H	6	1.50	35.80	7.90	43.70
181	1122	A	4	H	7	0.90	37.30	7.90	45.20
181	1122	A	4	H	CC	0.15	38.20	7.90	46.10
181	1122	A	5	H	1	1.50	37.80	8.34	46.14
181	1122	A	5	H	2	1.50	39.30	8.34	47.64
181	1122	A	5	H	3	1.50	40.80	8.34	49.14
181	1122	A	5	H	4	1.50	42.30	8.34	50.64
181	1122	A	5	H	5	1.40	43.80	8.34	52.14
181	1122	A	5	H	6	1.27	45.20	8.34	53.54
181	1122	A	5	H	CC	0.15	46.47	8.34	54.81
181	1122	A	6	H	1	1.50	47.30	6.46	53.76
181	1122	A	6	H	2	1.50	48.80	6.46	55.26
181	1122	A	6	H	3	1.50	50.30	6.46	56.76
181	1122	A	6	H	4	1.50	51.80	6.46	58.26
181	1122	A	6	H	5	1.50	53.30	6.46	59.76
181	1122	A	6	H	6	1.41	54.80	6.46	61.26
181	1122	A	6	H	CC	0.15	56.21	6.46	62.67
181	1122	A	7	H	1	1.50	56.80	6.16	62.96
181	1122	A	7	H	2	1.50	58.30	6.16	64.46
181	1122	A	7	H	3	1.50	59.80	6.16	65.96
181	1122	A	7	H	4	1.50	61.30	6.16	67.46
181	1122	A	7	H	5	1.50	62.80	6.16	68.96
181	1122	A	7	H	6	1.48	64.30	6.16	70.46
181	1122	A	7	H	CC	0.15	65.78	6.16	71.94
181	1122	A	8	H	1	0.64	66.30	6.58	72.88
181	1122	A	8	H	2	1.50	66.94	6.58	73.52
181	1122	A	8	H	3	1.50	68.44	6.58	75.02
181	1122	A	8	H	4	1.50	69.94	6.58	76.52
181	1122	A	8	H	5	1.50	71.44	6.58	78.02
181	1122	A	8	H	6	0.90	72.94	6.58	79.52
181	1122	A	8	H	CC	0.15	73.84	6.58	80.42
181	1122	A	9	X	1	0.66	75.80	6.58	82.38
181	1122	A	9	X	CC	0.15	76.46	6.58	83.04
181	1122	A	10	X	1	0.29	85.40	6.58	91.98
181	1122	A	10	X	CC	0.15	85.69	6.58	92.27
181	1122	A	11	X	1	1.50	95.00	6.58	101.58
181	1122	A	11	X	2	0.27	96.50	6.58	103.08
181	1122	A	11	X	CC	0.15	96.77	6.58	103.35

Table T10 (continued).

Leg	Site	Hole	Core	Type	Section	Section length (m)	Depth (mbsf)	Offset (m)	Composite depth (mcd)
181	1122	A	12	X	1	1.50	104.70	6.58	111.28
181	1122	A	12	X	2	1.50	106.20	6.58	112.78
181	1122	A	12	X	3	1.50	107.70	6.58	114.28
181	1122	A	12	X	4	0.32	109.20	6.58	115.78
181	1122	A	12	X	CC	0.20	109.52	6.58	116.10
181	1122	A	13	X	1	1.50	114.30	6.58	120.88
181	1122	A	13	X	2	1.50	115.80	6.58	122.38
181	1122	A	13	X	3	1.50	117.30	6.58	123.88
181	1122	A	13	X	4	1.12	118.80	6.58	125.38
181	1122	A	13	X	CC	0.15	119.92	6.58	126.50
181	1122	B	1	H	1	1.50	0.00	0.00	0.00
181	1122	B	1	H	2	1.50	1.50	0.00	1.50
181	1122	B	1	H	3	1.50	3.00	0.00	3.00
181	1122	B	1	H	4	1.50	4.50	0.00	4.50
181	1122	B	1	H	5	1.50	6.00	0.00	6.00
181	1122	B	1	H	6	1.50	7.50	0.00	7.50
181	1122	B	1	H	7	0.66	9.00	0.00	9.00
181	1122	B	1	H	CC	0.15	9.66	0.00	9.66
181	1122	C	1	H	1	1.50	0.00	0.00	0.00
181	1122	C	1	H	2	0.91	1.50	0.00	1.50
181	1122	C	1	H	CC	0.10	2.41	0.00	2.41
181	1122	C	2	H	1	1.50	2.50	1.24	3.74
181	1122	C	2	H	2	1.50	4.00	1.24	5.24
181	1122	C	2	H	3	1.50	5.50	1.24	6.74
181	1122	C	2	H	4	1.50	7.00	1.24	8.24
181	1122	C	2	H	5	1.50	8.50	1.24	9.74
181	1122	C	2	H	6	1.50	10.00	1.24	11.24
181	1122	C	2	H	7	0.65	11.50	1.24	12.74
181	1122	C	2	H	CC	0.10	12.15	1.24	13.39
181	1122	C	3	H	1	1.50	9.50	0.64	10.14
181	1122	C	3	H	2	1.50	11.00	0.64	11.64
181	1122	C	3	H	3	1.50	12.50	0.64	13.14
181	1122	C	3	H	4	1.11	14.00	0.64	14.64
181	1122	C	3	H	5	1.50	15.11	0.64	15.75
181	1122	C	3	H	6	0.39	16.61	0.64	17.25
181	1122	C	3	H	CC	0.14	17.00	0.64	17.64
181	1122	C	4	H	1	1.50	14.00	5.33	19.33
181	1122	C	4	H	2	1.50	15.50	5.33	20.83
181	1122	C	4	H	3	1.54	17.00	5.33	22.33
181	1122	C	4	H	4	1.50	18.54	5.33	23.87
181	1122	C	4	H	5	1.50	20.04	5.33	25.37
181	1122	C	4	H	6	1.37	21.54	5.33	26.87
181	1122	C	4	H	7	0.68	22.91	5.33	28.24
181	1122	C	4	H	CC	0.15	23.59	5.33	28.92
181	1122	C	5	H	1	1.50	23.50	6.42	29.92
181	1122	C	5	H	2	1.50	25.00	6.42	31.42
181	1122	C	5	H	3	1.50	26.50	6.42	32.92
181	1122	C	5	H	4	1.50	28.00	6.42	34.42
181	1122	C	5	H	5	1.50	29.50	6.42	35.92
181	1122	C	5	H	6	1.30	31.00	6.42	37.42
181	1122	C	5	H	CC	0.15	32.30	6.42	38.72
181	1122	C	6	H	1	1.50	33.00	6.00	39.00
181	1122	C	6	H	2	1.50	34.50	6.00	40.50
181	1122	C	6	H	3	1.50	36.00	6.00	42.00
181	1122	C	6	H	4	1.50	37.50	6.00	43.50
181	1122	C	6	H	5	1.50	39.00	6.00	45.00
181	1122	C	6	H	6	1.43	40.50	6.00	46.50
181	1122	C	6	H	CC	0.23	41.93	6.00	47.93
181	1122	C	7	H	1	1.50	42.50	5.46	47.96
181	1122	C	7	H	2	1.50	44.00	5.46	49.46
181	1122	C	7	H	3	1.50	45.50	5.46	50.96
181	1122	C	7	H	4	1.50	47.00	5.46	52.46
181	1122	C	7	H	5	1.50	48.50	5.46	53.96
181	1122	C	7	H	6	1.07	50.00	5.46	55.46
181	1122	C	7	H	CC	0.15	51.07	5.46	56.53
181	1122	C	8	H	1	1.50	52.00	3.30	55.30

Table T10 (continued).

Leg	Site	Hole	Core	Type	Section	Section length (m)	Depth (mbsf)	Offset (m)	Composite depth (mcd)
181	1122	C	8	H	2	1.50	53.50	3.30	56.80
181	1122	C	8	H	3	1.50	55.00	3.30	58.30
181	1122	C	8	H	4	1.50	56.50	3.30	59.80
181	1122	C	8	H	5	1.50	58.00	3.30	61.30
181	1122	C	8	H	6	1.50	59.50	3.30	62.80
181	1122	C	8	H	7	0.28	61.00	3.30	64.30
181	1122	C	8	H	CC	0.16	61.28	3.30	64.58
181	1122	C	9	H	1	1.50	61.50	3.04	64.54
181	1122	C	9	H	2	1.50	63.00	3.04	66.04
181	1122	C	9	H	3	1.50	64.50	3.04	67.54
181	1122	C	9	H	4	1.50	66.00	3.04	69.04
181	1122	C	9	H	5	1.50	67.50	3.04	70.54
181	1122	C	9	H	6	1.00	69.00	3.04	72.04
181	1122	C	9	H	CC	0.17	70.00	3.04	73.04
181	1122	C	10	H	1	1.50	71.00	2.64	73.64
181	1122	C	10	H	2	1.50	72.50	2.64	75.14
181	1122	C	10	H	3	1.50	74.00	2.64	76.64
181	1122	C	10	H	4	1.50	75.50	2.64	78.14
181	1122	C	10	H	5	1.50	77.00	2.64	79.64
181	1122	C	10	H	6	1.24	78.50	2.64	81.14
181	1122	C	10	H	7	0.45	79.74	2.64	82.38
181	1122	C	10	H	CC	0.24	80.19	2.64	82.83
181	1122	C	11	H	1	1.50	80.50	2.64	83.14
181	1122	C	11	H	2	1.50	82.00	2.64	84.64
181	1122	C	11	H	3	1.50	83.50	2.64	86.14
181	1122	C	11	H	4	0.98	85.00	2.64	87.64
181	1122	C	11	H	5	0.85	85.98	2.64	88.62
181	1122	C	11	H	CC	0.15	86.83	2.64	89.47
181	1122	C	12	H	1	1.50	86.90	2.64	89.54
181	1122	C	12	H	2	1.50	88.40	2.64	91.04
181	1122	C	12	H	3	1.50	89.90	2.64	92.54
181	1122	C	12	H	4	1.50	91.40	2.64	94.04
181	1122	C	12	H	5	1.50	92.90	2.64	95.54
181	1122	C	12	H	6	0.24	94.40	2.64	97.04
181	1122	C	12	H	CC	0.16	94.64	2.64	97.28
181	1122	C	13	H	1	1.50	94.90	2.64	97.54
181	1122	C	13	H	2	1.50	96.40	2.64	99.04
181	1122	C	13	H	3	1.50	97.90	2.64	100.54
181	1122	C	13	H	4	1.50	99.40	2.64	102.04
181	1122	C	13	H	5	1.50	100.90	2.64	103.54
181	1122	C	13	H	6	1.00	102.40	2.64	105.04
181	1122	C	13	H	CC	0.30	103.40	2.64	106.04
181	1122	C	14	X	1	1.50	103.70	2.64	106.34
181	1122	C	14	X	2	1.50	105.20	2.64	107.84
181	1122	C	14	X	3	1.22	106.70	2.64	109.34
181	1122	C	14	X	CC	0.10	107.92	2.64	110.56
181	1122	C	15	X	1	1.50	108.00	2.64	110.64
181	1122	C	15	X	2	1.50	109.50	2.64	112.14
181	1122	C	15	X	CC	0.38	111.00	2.64	113.64
181	1122	C	16	X	1	1.50	117.60	2.64	120.24
181	1122	C	16	X	2	1.50	119.10	2.64	121.74
181	1122	C	16	X	3	1.50	120.60	2.64	123.24
181	1122	C	16	X	4	0.63	122.10	2.64	124.74
181	1122	C	16	X	CC	0.25	122.73	2.64	125.37
181	1122	C	17	X	1	1.50	127.20	2.64	129.84
181	1122	C	17	X	2	1.50	128.70	2.64	131.34
181	1122	C	17	X	3	1.50	130.20	2.64	132.84
181	1122	C	17	X	4	1.50	131.70	2.64	134.34
181	1122	C	17	X	CC	0.25	133.20	2.64	135.84
181	1122	C	18	X	1	1.50	136.90	2.64	139.54
181	1122	C	18	X	2	1.50	138.40	2.64	141.04
181	1122	C	18	X	3	0.52	139.90	2.64	142.54
181	1122	C	18	X	CC	0.19	140.42	2.64	143.06
181	1122	C	19	X	1	1.50	146.50	2.64	149.14
181	1122	C	19	X	2	1.50	148.00	2.64	150.64
181	1122	C	19	X	3	0.93	149.50	2.64	152.14

Table T10 (continued).

Leg	Site	Hole	Core	Type	Section	Section length (m)	Depth (mbsf)	Offset (m)	Composite depth (mcd)
181	1122	C	19	X	CC	0.15	150.43	2.64	153.07
181	1122	C	20	X	1	1.50	156.10	2.64	158.74
181	1122	C	20	X	2	1.50	157.60	2.64	160.24
181	1122	C	20	X	3	1.50	159.10	2.64	161.74
181	1122	C	20	X	4	0.52	160.60	2.64	163.24
181	1122	C	20	X	CC	0.19	161.12	2.64	163.76
181	1122	C	21	X	1	1.50	165.70	2.64	168.34
181	1122	C	21	X	2	0.79	167.20	2.64	169.84
181	1122	C	21	X	CC	0.15	167.99	2.64	170.63
181	1122	C	22	X	1	1.40	175.30	2.64	177.94
181	1122	C	22	X	2	0.23	176.70	2.64	179.34
181	1122	C	22	X	CC	0.10	176.93	2.64	179.57
181	1122	C	23	X	1	1.50	185.00	2.64	187.64
181	1122	C	23	X	2	0.78	186.50	2.64	189.14
181	1122	C	23	X	CC	0.10	187.28	2.64	189.92
181	1122	C	24	X	1	0.72	194.70	2.64	197.34
181	1122	C	24	X	CC	0.10	195.42	2.64	198.06
181	1122	C	25	X	1	0.57	204.30	2.64	206.94
181	1122	C	25	X	CC	0.10	204.87	2.64	207.51
181	1122	C	26	X	1	1.50	214.00	2.64	216.64
181	1122	C	26	X	2	1.00	215.50	2.64	218.14
181	1122	C	26	X	3	1.49	216.50	2.64	219.14
181	1122	C	26	X	CC	0.10	217.99	2.64	220.63
181	1122	C	27	X	1	1.50	223.70	2.64	226.34
181	1122	C	27	X	2	1.50	225.20	2.64	227.84
181	1122	C	27	X	3	0.23	226.70	2.64	229.34
181	1122	C	27	X	CC	0.28	226.93	2.64	229.57
181	1122	C	28	X	1	1.50	233.30	2.64	235.94
181	1122	C	28	X	2	1.50	234.80	2.64	237.44
181	1122	C	28	X	3	1.30	236.30	2.64	238.94
181	1122	C	28	X	CC	0.18	237.60	2.64	240.24
181	1122	C	29	X	1	1.50	242.90	2.64	245.54
181	1122	C	29	X	2	1.50	244.40	2.64	247.04
181	1122	C	29	X	3	1.50	245.90	2.64	248.54
181	1122	C	29	X	4	0.23	247.40	2.64	250.04
181	1122	C	29	X	CC	0.10	247.63	2.64	250.27
181	1122	C	30	X	1	1.50	252.50	2.64	255.14
181	1122	C	30	X	2	1.50	254.00	2.64	256.64
181	1122	C	30	X	3	1.50	255.50	2.64	258.14
181	1122	C	30	X	4	1.50	257.00	2.64	259.64
181	1122	C	30	X	5	0.51	258.50	2.64	261.14
181	1122	C	30	X	CC	0.22	259.01	2.64	261.65
181	1122	C	31	X	1	1.50	261.70	2.64	264.34
181	1122	C	31	X	2	1.50	263.20	2.64	265.84
181	1122	C	31	X	3	1.48	264.70	2.64	267.34
181	1122	C	31	X	CC	0.21	266.18	2.64	268.82
181	1122	C	32	X	1	1.50	271.30	2.64	273.94
181	1122	C	32	X	2	0.79	272.80	2.64	275.44
181	1122	C	32	X	CC	0.26	273.59	2.64	276.23
181	1122	C	33	X	1	1.50	280.70	2.64	283.34
181	1122	C	33	X	2	1.50	282.20	2.64	284.84
181	1122	C	33	X	3	1.50	283.70	2.64	286.34
181	1122	C	33	X	4	1.50	285.20	2.64	287.84
181	1122	C	33	X	5	1.20	286.70	2.64	289.34
181	1122	C	33	X	CC	0.13	287.90	2.64	290.54
181	1122	C	34	X	1	1.50	290.40	2.64	293.04
181	1122	C	34	X	2	1.50	291.90	2.64	294.54
181	1122	C	34	X	3	1.50	293.40	2.64	296.04
181	1122	C	34	X	4	1.50	294.90	2.64	297.54
181	1122	C	34	X	5	1.34	296.40	2.64	299.04
181	1122	C	34	X	CC	0.10	297.74	2.64	300.38
181	1122	C	35	X	1	1.50	300.00	2.64	302.64
181	1122	C	35	X	2	1.50	301.50	2.64	304.14
181	1122	C	35	X	3	1.50	303.00	2.64	305.64
181	1122	C	35	X	4	1.50	304.50	2.64	307.14
181	1122	C	35	X	5	1.50	306.00	2.64	308.64



Table T10 (continued).

Leg	Site	Hole	Core	Type	Section	Section length (m)	Depth (mbsf)	Offset (m)	Composite depth (mcd)
181	1122	C	35	X	6	0.17	307.50	2.64	310.14
181	1122	C	35	X	CC	0.34	307.67	2.64	310.31
181	1122	C	36	X	1	1.50	309.60	2.64	312.24
181	1122	C	36	X	2	1.50	311.10	2.64	313.74
181	1122	C	36	X	3	1.50	312.60	2.64	315.24
181	1122	C	36	X	4	1.50	314.10	2.64	316.74
181	1122	C	36	X	5	1.50	315.60	2.64	318.24
181	1122	C	36	X	6	0.90	317.10	2.64	319.74
181	1122	C	36	X	CC	0.30	318.00	2.64	320.64
181	1122	C	37	X	1	1.50	319.30	2.64	321.94
181	1122	C	37	X	2	1.50	320.80	2.64	323.44
181	1122	C	37	X	3	1.50	322.30	2.64	324.94
181	1122	C	37	X	4	1.50	323.80	2.64	326.44
181	1122	C	37	X	5	1.50	325.30	2.64	327.94
181	1122	C	37	X	6	1.40	326.80	2.64	329.44
181	1122	C	37	X	CC	0.17	328.20	2.64	330.84
181	1122	C	38	X	1	1.50	328.90	2.64	331.54
181	1122	C	38	X	2	1.50	330.40	2.64	333.04
181	1122	C	38	X	3	1.38	331.90	2.64	334.54
181	1122	C	38	X	CC	0.10	333.28	2.64	335.92
181	1122	C	39	X	1	1.50	338.50	2.64	341.14
181	1122	C	39	X	2	1.50	340.00	2.64	342.64
181	1122	C	39	X	3	1.50	341.50	2.64	344.14
181	1122	C	39	X	4	0.55	343.00	2.64	345.64
181	1122	C	39	X	CC	0.21	343.55	2.64	346.19
181	1122	C	40	X	1	1.50	348.20	2.64	350.84
181	1122	C	40	X	2	1.50	349.70	2.64	352.34
181	1122	C	40	X	CC	0.26	351.20	2.64	353.84
181	1122	C	41	X	1	1.50	357.90	2.64	360.54
181	1122	C	41	X	2	0.41	359.40	2.64	362.04
181	1122	C	41	X	CC	0.17	359.81	2.64	362.45
181	1122	C	42	X	1	1.50	367.50	2.64	370.14
181	1122	C	42	X	2	1.50	369.00	2.64	371.64
181	1122	C	42	X	3	1.50	370.50	2.64	373.14
181	1122	C	42	X	CC	0.19	372.00	2.64	374.64
181	1122	C	44	X	1	1.50	386.90	2.64	389.54
181	1122	C	44	X	2	1.50	388.40	2.64	391.04
181	1122	C	44	X	3	1.50	389.90	2.64	392.54
181	1122	C	44	X	4	0.93	391.40	2.64	394.04
181	1122	C	44	X	CC	0.31	392.33	2.64	394.97
181	1122	C	45	X	1	1.50	396.60	2.64	399.24
181	1122	C	45	X	2	1.50	398.10	2.64	400.74
181	1122	C	45	X	3	1.50	399.60	2.64	402.24
181	1122	C	45	X	4	1.19	401.10	2.64	403.74
181	1122	C	45	X	CC	0.32	402.29	2.64	404.93
181	1122	C	46	X	1	1.50	406.20	2.64	408.84
181	1122	C	46	X	2	1.50	407.70	2.64	410.34
181	1122	C	46	X	3	1.50	409.20	2.64	411.84
181	1122	C	46	X	4	1.50	410.70	2.64	413.34
181	1122	C	46	X	CC	0.34	412.20	2.64	414.84
181	1122	C	47	X	1	1.50	415.90	2.64	418.54
181	1122	C	47	X	2	1.50	417.40	2.64	420.04
181	1122	C	47	X	3	1.50	418.90	2.64	421.54
181	1122	C	47	X	4	0.84	420.40	2.64	423.04
181	1122	C	47	X	CC	0.37	421.24	2.64	423.88
181	1122	C	48	X	1	1.50	425.50	2.64	428.14
181	1122	C	48	X	2	1.50	427.00	2.64	429.64
181	1122	C	48	X	3	1.50	428.50	2.64	431.14
181	1122	C	48	X	4	1.50	430.00	2.64	432.64
181	1122	C	48	X	5	0.62	431.50	2.64	434.14
181	1122	C	48	X	CC	0.39	432.12	2.64	434.76
181	1122	C	49	X	1	1.50	435.20	2.64	437.84
181	1122	C	49	X	2	1.50	436.70	2.64	439.34
181	1122	C	49	X	3	1.50	438.20	2.64	440.84
181	1122	C	49	X	4	1.50	439.70	2.64	442.34
181	1122	C	49	X	5	1.50	441.20	2.64	443.84

Table T10 (continued).

Leg	Site	Hole	Core	Type	Section	Section length (m)	Depth (mbsf)	Offset (m)	Composite depth (mcd)
181	1122	C	49	X	6	1.50	442.70	2.64	445.34
181	1122	C	49	X	CC	0.31	444.20	2.64	446.84
181	1122	C	50	X	1	1.50	444.80	2.64	447.44
181	1122	C	50	X	2	1.50	446.30	2.64	448.94
181	1122	C	50	X	3	1.50	447.80	2.64	450.44
181	1122	C	50	X	4	1.50	449.30	2.64	451.94
181	1122	C	50	X	5	1.07	450.80	2.64	453.44
181	1122	C	50	X	CC	0.34	451.87	2.64	454.51
181	1122	C	51	X	1	1.50	454.40	2.64	457.04
181	1122	C	51	X	2	1.50	455.90	2.64	458.54
181	1122	C	51	X	3	1.50	457.40	2.64	460.04
181	1122	C	51	X	4	1.50	458.90	2.64	461.54
181	1122	C	51	X	5	1.50	460.40	2.64	463.04
181	1122	C	51	X	6	1.50	461.90	2.64	464.54
181	1122	C	51	X	CC	0.26	463.40	2.64	466.04
181	1122	C	52	X	1	1.50	464.10	2.64	466.74
181	1122	C	52	X	2	1.50	465.60	2.64	468.24
181	1122	C	52	X	3	1.50	467.10	2.64	469.74
181	1122	C	52	X	4	1.50	468.60	2.64	471.24
181	1122	C	52	X	5	1.50	470.10	2.64	472.74
181	1122	C	52	X	6	1.00	471.60	2.64	474.24
181	1122	C	52	X	CC	0.23	472.60	2.64	475.24
181	1122	C	53	X	1	1.50	473.40	2.64	476.04
181	1122	C	53	X	2	1.50	474.90	2.64	477.54
181	1122	C	53	X	3	1.50	476.40	2.64	479.04
181	1122	C	53	X	CC	0.46	477.90	2.64	480.54
181	1122	C	54	X	1	1.50	483.00	2.64	485.64
181	1122	C	54	X	2	1.50	484.50	2.64	487.14
181	1122	C	54	X	3	1.50	486.00	2.64	488.64
181	1122	C	54	X	4	0.65	487.50	2.64	490.14
181	1122	C	54	X	CC	0.10	488.15	2.64	490.79
181	1122	C	55	X	1	1.50	492.70	2.64	495.34
181	1122	C	55	X	2	1.50	494.20	2.64	496.84
181	1122	C	55	X	3	1.50	495.70	2.64	498.34
181	1122	C	55	X	4	1.50	497.20	2.64	499.84
181	1122	C	55	X	5	1.04	498.70	2.64	501.34
181	1122	C	55	X	CC	0.23	499.74	2.64	502.38
181	1122	C	56	X	1	1.50	502.30	2.64	504.94
181	1122	C	56	X	2	1.50	503.80	2.64	506.44
181	1122	C	56	X	3	1.50	505.30	2.64	507.94
181	1122	C	56	X	4	0.61	506.80	2.64	509.44
181	1122	C	56	X	CC	0.47	507.41	2.64	510.05
181	1122	C	57	X	1	1.50	511.90	2.64	514.54
181	1122	C	57	X	2	1.50	513.40	2.64	516.04
181	1122	C	57	X	3	1.50	514.90	2.64	517.54
181	1122	C	57	X	4	0.53	516.40	2.64	519.04
181	1122	C	57	X	CC	0.31	516.93	2.64	519.57
181	1122	C	58	X	1	1.50	521.50	2.64	524.14
181	1122	C	58	X	2	0.48	523.00	2.64	525.64
181	1122	C	58	X	CC	0.10	523.48	2.64	526.12
181	1122	C	61	X	1	1.50	550.40	2.64	553.04
181	1122	C	61	X	2	1.50	551.90	2.64	554.54
181	1122	C	61	X	3	1.50	553.40	2.64	556.04
181	1122	C	61	X	4	0.46	554.90	2.64	557.54
181	1122	C	61	X	CC	0.23	555.36	2.64	558.00
181	1122	C	62	X	1	1.50	560.00	2.64	562.64
181	1122	C	62	X	2	1.50	561.50	2.64	564.14
181	1122	C	62	X	3	0.31	563.00	2.64	565.64
181	1122	C	62	X	CC	0.10	563.31	2.64	565.95
181	1122	C	63	X	1	1.50	569.60	2.64	572.24
181	1122	C	63	X	CC	0.22	571.10	2.64	573.74
181	1122	C	64	X	1	1.32	579.30	2.64	581.94
181	1122	C	64	X	CC	0.28	580.62	2.64	583.26
181	1122	C	65	X	1	1.50	588.90	2.64	591.54
181	1122	C	65	X	2	0.10	590.40	2.64	593.04
181	1122	C	65	X	CC	0.18	590.50	2.64	593.14

**Table T10 (continued).**

Leg	Site	Hole	Core	Type	Section	Section length (m)	Depth (mbsf)	Offset (m)	Composite depth (mcd)
181	1122	C	66	X	1	0.90	598.50	2.64	601.14
181	1122	C	66	X	CC	0.05	599.40	2.64	602.04
181	1122	C	67	X	1	0.96	608.20	2.64	610.84
181	1122	C	67	X	CC	0.05	609.16	2.64	611.80

Note: This table is also available in [ASCII format](#).

Table T11. Splice tie points, Site 1122.

Site	Hole	Core	Type	Section	Depth in section (cm)	Depth (mbsf)	Depth (mcd)		Site	Hole	Core	Type	Section	Depth in section (cm)	Depth (mbsf)	Depth (mcd)
1122	C	1	H	2	8	1.58	1.58	Tie to	1122	B	1	H	2	8	1.58	1.58
1122	B	1	H	6	32	7.82	7.82	Tie to	1122	C	2	H	3	108	6.58	7.82
1122	C	2	H	5	44	8.94	10.18	Tie to	1122	A	1	H	2	80	2.30	10.18
1122	A	1	H	5	92	6.92	14.80	Tie to	1122	C	3	H	4	16	14.16	14.80
1122	C	3	H	6	12	16.73	17.37	Tie to	1122	A	2	H	1	61	9.92	17.37
1122	A	2	H	6	72	17.52	24.97	Tie to	1122	C	4	H	4	109	19.64	24.97
1122	C	4	H	7	40	23.31	28.64	Tie to	1122	A	3	H	1	72	19.52	28.64
1122	A	3	H	3	140	23.20	32.32	Tie to	1122	C	5	H	2	89	25.90	32.32
1122	C	5	H	6	76	31.76	38.18	Tie to	1122	A	4	H	2	48	30.28	38.18
1122	A	4	H	6	16	35.96	43.86	Tie to	1122	C	6	H	4	36	37.86	43.86
1122	C	6	H	6	68	41.18	47.18	Tie to	1122	A	5	H	1	104	38.84	47.18
1122	A	5	H	3	48	41.28	49.62	Tie to	1122	C	7	H	2	16	44.16	49.62
1122	C	7	H	5	140	49.90	55.36	Tie to	1122	A	6	H	2	9	48.90	55.36
1122	A	6	H	4	4	51.84	58.30	Tie to	1122	C	8	H	2	150	55.00	58.30
1122	C	8	H	6	76	60.26	63.56	Tie to	1122	A	7	H	1	60	57.40	63.56
1122	A	7	H	3	92	60.72	66.88	Tie to	1122	C	9	H	2	84	63.84	66.88
1122	C	9	H	6	96	69.96	73.00	Tie to	1122	A	8	H	1	12	66.42	73.00
1122	A	8	H	4	136	71.30	77.88	Tie to	1122	C	10	H	3	124	75.24	77.88
1122	C	10	H	7	40	80.14	82.78									

Note: This table is also available in [ASCII format](#).

**Table T12.** Compacted and restored rates of sedimentation at Site 1122.

Time interval (Ma)	Compacted rate of sedimentation (m/m.y.)	Restored rate of sedimentation (m/m.y.)
0.0 - 0.2	208	208
0.2 - 0.4	667	732
0.4 - 0.6	536	555
0.6 - 0.7	200	212
0.7 - 0.8	113	120
0.8 - 1.0	76	81
1.0 - 1.1	75	80
1.1 - 1.2	67	71
1.2 - 1.3	183	196
1.3 - 1.4	211	226
1.4 - 1.8	30	33
1.8 - 1.9	71	77
1.9 - 2.2	142	154
2.2 - 3.0	3	3
3.0 - 5.0	17	19
5.0 - 9.9	2	2
9.9 - 11.1	25	27
11.1 - 11.3	0	0
11.3 - 12.3	17	19
12.3 - 13.0	33	37
13.0 - 13.5	14	25
13.5 - 15.8	2	4
15.8 - 16.3	50	80
16.3 - 17.4	48	78

Notes: Calculated with programs DEPOR and BURSUB (Gradstein et al., 1989). For details see ["Age Models and Sedimentation Rates,"](#) p. 25.

Table T13. Summary of interstitial water geochemistry results for samples from Holes 1122A and 1122C.

Core, section, interval (cm)	Depth (mbsf)	Depth (mcd)	Salinity	Cl <sup>-</sup> (mM)	pH	Alkalinity (mM)	Na <sup>+</sup> (mM)	Mg <sup>2+</sup> (mM)	Ca <sup>2+</sup> (mM)	SO <sub>4</sub> <sup>2-</sup> (mM)	HPO <sub>4</sub> <sup>2-</sup> (μM)	NH <sub>4</sub> <sup>+</sup> (μM)	H <sub>4</sub> SiO <sub>4</sub> (μM)	K <sup>+</sup> (mM)	Li <sup>+</sup> (μM)	Sr <sup>2+</sup> (μM)
181-1122A-																
1H-4, 140-150	5.90	13.78	34.0	560	7.49	34.77	442	50.8	4.9	3.3	321	2.61	575	10.6	18	75
2H-4, 140-150	15.20	22.65	34.0	562	7.50	40.49	438	51.5	4.1	0.0	285	3.43	604	10.1	17	74
3H-4, 140-150	24.70	33.82	34.0	562	7.56	38.17	438	51.6	4.0	0.0	266	3.48	608	10.0	18	77
4H-4, 140-150	34.22	42.10	34.0	563	7.45	34.64	449	47.2	3.5	0.0	264	3.52	665	9.9	19	77
5H-5, 130-140	45.10	53.44	33.5	561	7.38	30.26	452	44.4	3.5	0.0	263	3.47	597	10.4	16	78
6H-4, 140-150	53.20	59.66	33.5	560	7.74	31.56	452	43.8	3.4	0.0	209	3.65	540	10.2	15	82
7H-4, 140-150	62.70	68.86	33.5	557	7.66	30.82	447	44.8	3.0	0.0	156	4.24	706	10.5	18	83
11X-1, 140-150	96.40	102.98	33.5	553	7.60	32.47	448	43.4	3.8	2.5	162	4.73	661	10.6	21	100
12X-2, 140-150	107.60	114.18	33.5	553	7.53	32.26	446	42.9	3.7	1.6	201	5.75	721	10.6	22	109
13X-2, 140-150	117.20	123.78	33.5	553	7.68	33.40	445	42.7	4.1	1.1	160	5.51	758	10.8	28	116
181-1122C-																
9H-4, 140-150	67.40	70.44	33.5	560	7.53	33.05	447	46.0	3.1	0.0	175	4.16	682	10.3	18	87
10H-4, 140-150	76.90	79.54	33.5	559	7.64	35.27	449	44.9	2.9	0.0	143	4.84	646	10.5	18	89
12H-4, 140-150	92.82	95.44	33.5	556	7.55	34.80	446	44.7	3.2	0.0	242	4.48	667	10.4	18	101
13H-4, 140-150	100.80	103.44	33.5	556	7.63	33.61	443	45.4	3.5	0.0	246	5.15	668	10.4	19	109
16X-3, 140-150	122.00	124.64	33.5	554	7.63	34.41	441	44.4	3.9	0.0	243	5.67	765	10.6	23	117
19X-1, 140-150	147.90	150.54	33.0	554	7.62	30.50	445	43.3	4.8	1.7	214	5.90	677	10.0	29	126
22X-1, 130-140	176.60	179.24	33.0	556	7.51	26.65	450	42.6	5.6	3.1	87	4.93	712	10.4	46	131
26X-2, 90-100	216.40	219.04	33.0	556	7.41	26.23	446	43.9	5.3	1.9	93	5.16	873	10.0	37	157
29X-3, 140-150	247.30	249.94	33.0	556	7.59	22.51	452	43.2	6.1	4.9	51	4.47	744	10.2	47	173
32X-1, 140-150	272.70	275.34	33.0	555	7.55	19.81	451	44.6	5.6	5.4	57	3.89	725	10.6	60	248
35X-4, 140-150	305.83	308.54	34.0	557	7.39	14.81	458	47.1	7.9	12.6	25	3.53	941	9.6	78	355
38X-2, 140-150	331.80	334.44	34.0	556	7.52	12.55	457	51.4	9.1	17.6	10	2.37	933	10.0	80	420
42X-2, 140-150	370.40	373.04	34.0	559	7.35	9.67	460	52.9	10.6	20.8	8	1.91	1021	9.8	81	466
45X-2, 140-150	399.50	402.14	34.0	559	7.42	7.86	465	49.7	12.9	21.9	8	1.74	1057	9.5	87	451
48X-4, 140-150	431.40	434.04	34.0	557	7.79	4.58	468	44.5	14.6	21.0	3	0.98	799	11.3	121	117
51X-4, 140-150	460.30	462.94	34.0	559	7.52	4.95	467	48.6	16.9	25.0	3	0.83	886	9.2	112	354
54X-3, 140-150	487.40	490.04	35.0	557	7.58	5.80	466	47.1	18.9	25.3	3	0.66	910	8.3	146	355
57X-2, 140-150	514.80	517.44	34.5	557	7.55	4.84	468	47.4	18.3	26.5	3	0.57	925	8.5	173	346
61X-3, 140-150	554.80	557.44	34.5	557	7.49	4.04	459	47.8	21.4	25.0	3	0.45	749	7.9	224	385
65X-2, 0-10	591.40	593.04	35.0	556	7.32	4.67	460	47.7	21.6	25.3	3	0.39	803	6.5	231	404

Note: This table is also available in [ASCII format](#).