

Table T3 (continued).

Core, section	Depth at base of turbidite		Thickness (cm)	Turbidite types	Core, section	Depth at base of turbidite		Thickness (cm)	Turbidite types
	(cm)	(mbsf)				(cm)	(mbsf)		
36X-6	81	317.91	1.5	Fine sand	37X-6	59.5	327.395	0.2	Very fine sand
36X-6	89.5	317.995	3	Fine sand	37X-6	61.5	327.415	1	Very fine sand
37X-1	5.5	319.355	1	Very fine sand	37X-6	64	327.44	1	Very fine sand
37X-1	9.5	319.395	0.5	Fine sand	37X-6	68.5	327.485	0.8	Very fine sand
37X-1	19.5	319.495	1	Very fine sand	37X-6	72.5	327.525	1.6	Very fine sand
37X-1	32	319.62	1	Very fine sand	37X-6	76.5	327.565	1.1	Very fine sand
37X-1	35	319.65	1	Fine sand	37X-6	81	327.61	0.5	Very fine sand
37X-1	48	319.78	0.7	Fine sand	37X-6	82	327.62	0.5	Very fine sand
37X-1	66	319.96	0.5	Fine sand	37X-6	84	327.64	0.5	Very fine sand
37X-1	113	320.43	0.5	Fine sand	37X-6	89	327.69	0.5	Very fine sand
37X-1	123.5	320.535	0.7	Very fine sand	37X-6	94.5	327.745	1.6	Fine sand
37X-1	137.5	320.675	0.5	Very fine sand	37X-6	97.5	327.775	1.2	Fine sand
37X-2	18	320.98	0.5	Fine sand	37X-6	104	327.84	0.7	Very fine sand
37X-2	19	320.99	0.7	Fine sand	37X-6	122	328.02	1.5	Very fine sand
37X-2	22	321.02	0.7	Fine sand	37X-6	127.5	328.075	2.2	Ash
37X-2	67.5	321.475	0.6	Very fine sand	37X-6	130.5	328.105	1.4	Very fine sand
37X-2	73	321.53	1	Very fine sand	37X-6	139	328.19	0.8	Very fine sand
37X-2	77.5	321.575	0.4	Very fine sand	38X-1	8.5	328.985	1.5	Fine sand
37X-2	89	321.69	1.5	Fine sand	38X-1	14	329.04	1.5	Fine sand
37X-2	101.5	321.815	0.8	Very fine sand	38X-1	19.5	329.095	1	Very fine sand
37X-2	107.5	321.875	1.5	Fine sand	38X-1	29.5	329.195	0.5	Very fine sand
37X-2	115	321.95	1	Very fine sand	38X-1	35	329.25	0.8	Very fine sand
37X-2	130	322.1	2	Very fine sand	38X-1	50	329.4	1.5	Very fine sand
37X-2	142.5	322.225	0.7	Very fine sand	38X-1	53.5	329.435	1	Very fine sand
37X-2	143.5	322.235	0.6	Very fine sand	38X-1	59.5	329.495	3	Very fine sand
37X-2	149	322.29	2	Very fine sand	38X-1	71	329.61	1.1	Very fine sand
37X-3	12	322.42	0.5	Fine sand	38X-1	80	329.7	1.5	Very fine sand
37X-3	17.5	322.475	0.6	Very fine sand	38X-1	94.5	329.845	1	Very fine sand
37X-3	20.5	322.505	1	Fine sand	38X-1	97.5	329.875	0.5	Very fine sand
37X-3	35.5	322.655	0.7	Very fine sand	38X-1	109	329.99	1.5	Very fine sand
37X-3	45.5	322.755	0.7	Very fine sand	38X-2	1	330.41	1	Fine sand
37X-3	47.5	322.775	0.6	Very fine sand	38X-2	10	330.5	1.5	Very fine sand
37X-3	60	322.9	1.5	Very fine sand	38X-2	16.5	330.565	4	Very fine sand
37X-3	69	322.99	0.7	Very fine sand	38X-2	20.5	330.605	1	Very fine sand
37X-3	83.5	323.135	1.7	Very fine sand	38X-2	23	330.63	1	Fine sand
37X-3	112	323.42	1	Very fine sand	38X-2	24.5	330.645	0.8	Fine sand
37X-4	2.5	323.825	0.5	Very fine sand	38X-2	26.5	330.665	0.7	Very fine sand
37X-4	54	324.34	1.2	Very fine sand	38X-2	30	330.7	3	Very fine sand
37X-4	67	324.47	1	Very fine sand	38X-2	31.5	330.715	1	Very fine sand
37X-4	79.5	324.595	76	Very fine sand	38X-2	34	330.74	1.2	Very fine sand
37X-4	83.5	324.635	1.6	Very fine sand	38X-2	34.5	330.745	0.3	Very fine sand
37X-4	90	324.7	1	Very fine sand	38X-2	36.5	330.765	1	Very fine sand
37X-4	94	324.74	1	Very fine sand	38X-2	38	330.78	0.5	Very fine sand
37X-4	135	325.15	1.2	Mud	38X-2	40.5	330.805	0.5	Very fine sand
37X-5	1	325.31	1	Fine sand	38X-2	41.5	330.815	0.7	Very fine sand
37X-5	6	325.36	1	Very fine sand	38X-2	43	330.83	0.5	Very fine sand
37X-5	14	325.44	1	Very fine sand	38X-2	48	330.88	1.5	Very fine sand
37X-5	22	325.52	0.6	Fine sand	38X-2	52	330.92	0.3	Very fine sand
37X-5	45	325.75	0.7	Fine sand	38X-2	54	330.94	1	Very fine sand
37X-5	71	326.01	0.5	Very fine sand	38X-2	55	330.95	0.5	Very fine sand
37X-5	82	326.12	0.2	Very fine sand	38X-2	56	330.96	0.8	Very fine sand
37X-5	90.5	326.205	1	Very fine sand	38X-2	57	330.97	0.3	Mud
37X-5	100	326.3	0.6	Fine sand	38X-2	58	330.98	0.5	Very fine sand
37X-5	129	326.59	1.6	Fine sand	38X-2	60.5	331.005	1.5	Very fine sand
37X-5	131	326.61	1	Fine sand	38X-2	62	331.02	0.8	Very fine sand
37X-5	143	326.73	1.2	Very fine sand	38X-2	64	331.04	0.8	Very fine sand
37X-6	1	326.81	1	Fine sand	38X-2	65	331.05	1	Very fine sand
37X-6	9.5	326.895		Mud	38X-2	71	331.11	3	Fine sand
37X-6	22	327.02		Mud	38X-2	76.5	331.165	2.5	Fine sand
37X-6	29.5	327.095		Fine sand	38X-2	81.5	331.215	0.8	Very fine sand
37X-6	43	327.23	0.5	Very fine sand	38X-2	83.5	331.235	1	Very fine sand
37X-6	47	327.27	3	Fine sand	38X-2	86	331.26	1	Very fine sand
37X-6	53	327.33	0.3	Very fine sand	38X-2	89	331.29	1	Very fine sand
37X-6	54.5	327.345	0.7	Very fine sand	38X-2	98	331.38	2.5	Very fine sand
37X-6	57.5	327.375	0.5	Very fine sand	38X-2	101	331.41	1.5	Very fine sand

Table T3 (continued).

Core, section	Depth at base of turbidite		Thickness (cm)	Turbidite types	Core, section	Depth at base of turbidite		Thickness (cm)	Turbidite types
	(cm)	(mbsf)				(cm)	(mbsf)		
38X-2	103.5	331.435	0.5	Very fine sand	39X-2	66	340.66	0.6	Mud
38X-2	113	331.53	2	Very fine sand	39X-2	70.5	340.705	1	Very fine sand
38X-2	120	331.6	1.5	Very fine sand	39X-2	72	340.72	1.1	Mud
38X-2	121.5	331.615	0.8	Very fine sand	39X-2	76	340.76	0.5	Very fine sand
38X-2	123.5	331.635	1	Very fine sand	39X-2	79	340.79	1.6	Fine sand
38X-2	133	331.73	1.1	Very fine sand	39X-2	87.5	340.875	1.6	Fine sand
38X-2	134.5	331.745	0.5	Very fine sand	39X-2	107.5	341.075	1.5	Very fine sand
38X-2	136.5	331.765	1	Very fine sand	39X-2	145	341.45	2	Fine sand
38X-2	138	331.78	1	Very fine sand	39X-3	4	341.54	1.3	Fine sand
38X-3	2.5	331.925	1.5	Fine sand	39X-3	5.5	341.555	1	Fine sand
38X-3	10.5	332.005	0.3	Very fine sand	39X-3	16	341.66	1	Very fine sand
38X-3	16.5	332.065	1.5	Very fine sand	39X-3	20	341.7	1.1	Fine sand
38X-3	21	332.11	1	Very fine sand	39X-3	45.5	341.955	1.2	Very fine sand
38X-3	32	332.22	1	Very fine sand	39X-3	52.5	342.025	0.5	Fine sand
38X-3	37	332.27	1.5	Very fine sand	39X-3	53.5	342.035	0.6	Fine sand
38X-3	41	332.31	1.5	Very fine sand	39X-3	62.5	342.125	1	Fine sand
38X-3	47.5	332.375	1.5	Very fine sand	39X-3	73	342.23	1.8	Fine sand
38X-3	53	332.43	2	Very fine sand	39X-3	80	342.3	4.5	Sand
38X-3	55	332.45	0.8	Very fine sand	39X-3	86	342.36	2.1	Fine sand
38X-3	61	332.51	3	Very fine sand	39X-3	91.5	342.415	2	Fine sand
38X-3	62.5	332.525	0.3	Very fine sand	39X-3	95.5	342.455	1.3	Very fine sand
38X-3	65	332.55	2	Very fine sand	39X-3	100	342.5	2	Very fine sand
38X-3	72.5	332.625	2	Very fine sand	39X-3	102	342.52	0.6	Very fine sand
38X-3	73.5	332.635	0.5	Very fine sand	39X-3	103	342.53	1.4	Very fine sand
38X-3	75.5	332.655	1	Very fine sand	39X-3	105	342.55	0.5	Fine sand
38X-3	77.5	332.675	0.8	Very fine sand	39X-3	108.5	342.585	1	Very fine sand
38X-3	78.5	332.685	0.8	Very fine sand	39X-3	110	342.6	1	Very fine sand
38X-3	80.5	332.705	1	Very fine sand	39X-3	114	342.64	0.9	Very fine sand
38X-3	81.5	332.715	1.7	Very fine sand	39X-3	118	342.68	1.5	Fine sand
38X-3	93	332.83	1	Fine sand	39X-3	124.5	342.745	0.4	Fine sand
38X-3	97	332.87	2.5	Fine sand	39X-3	128	342.78	0.4	Fine sand
38X-3	102	332.92	2.5	Fine sand	39X-3	132	342.82	1	Very fine sand
38X-3	110.5	333.005	1	Very fine sand	39X-3	138	342.88	1.6	Fine sand
38X-3	118	333.08	1.5	Very fine sand	39X-3	143	342.93	1.8	Fine sand
38X-3	120.5	333.105	1	Very fine sand	39X-4	6	343.06	1	Very fine sand
38X-3	121.5	333.115	1.5	Very fine sand	39X-4	15	343.15	3.5	Fine sand
38X-3	126.5	333.165	1	Very fine sand	39X-4	18	343.18	1	Very fine sand
38X-3	132	333.22	1	Fine sand	39X-4	20	343.2	1.7	Fine sand
38X-3	136.5	333.265	1	Fine sand	39X-4	22	343.22	1.2	Very fine sand
39X-1	10.5	338.605	1.5	Very fine sand	39X-4	26.5	343.265	1.3	Fine sand
39X-1	32	338.82	1.3	Fine sand	39X-4	30	343.3	1.5	Fine sand
39X-1	68	339.18	1.5	Very fine sand	39X-4	39.5	343.395	2	Fine sand
39X-1	80	339.3	1.5	Fine sand	39X-4	44.5	343.445	0.5	Fine sand
39X-1	83	339.33	1.5	Fine sand	39X-4	50	343.5	1.6	Fine sand
39X-1	87.5	339.375	1.3	Fine sand	39X-4	52.5	343.525	1.5	Fine sand
39X-1	97	339.47	1	Very fine sand	40X-1	28	348.48	0.8	Very fine sand
39X-1	105.5	339.555	0.3	Very fine sand	40X-1	41	348.61	0.5	Very fine sand
39X-1	106.5	339.565	0.5	Fine sand	40X-1	52	348.72	5	Fine sand
39X-1	127	339.77	0.6	Very fine sand	40X-1	57	348.77	1	Very fine sand
39X-1	140	339.9	1.8	Very fine sand	40X-1	62.5	348.825	1.5	Very fine sand
39X-2	1	340.01	2	Fine sand	40X-1	73.5	348.935	3	Fine sand
39X-2	7.5	340.075	0.5	Fine sand	40X-1	82	349.02	2.5	Very fine sand
39X-2	23	340.23	0.9	Very fine sand	40X-1	85	349.05	1	Very fine sand
39X-2	24	340.24	0.5	Very fine sand	40X-1	88	349.08	0.8	Very fine sand
39X-2	26	340.26	1.3	Fine sand	40X-1	91	349.11	1.5	Very fine sand
39X-2	27.5	340.275	1	Very fine sand	40X-1	95	349.15	1.2	Very fine sand
39X-2	31.5	340.315	0.7	Very fine sand	40X-1	101	349.21	3	Very fine sand
39X-2	36	340.36	1	Very fine sand	40X-1	110	349.3	1.5	Very fine sand
39X-2	39.5	340.395	1.1	Very fine sand	40X-1	118	349.38	0.5	Mud
39X-2	41.5	340.415	0.2	Mud	40X-1	127	349.47	1.5	Very fine sand
39X-2	43.5	340.435	0.4	Mud	40X-1	131	349.51	2	Very fine sand
39X-2	50	340.5	1.9	Very fine sand	40X-1	135	349.55	1.5	Very fine sand
39X-2	54	340.54	1.5	Fine sand	40X-1	141	349.61	3	Very fine sand
39X-2	58	340.58	1.2	Fine sand	40X-1	142.5	349.625	0.5	Very fine sand
39X-2	63	340.63	1	Very fine sand	40X-1	144.5	349.645	1	Very fine sand

Table T3 (continued).

Core, section	Depth at base of turbidite		Thickness (cm)	Turbidite types	Core, section	Depth at base of turbidite		Thickness (cm)	Turbidite types
	(cm)	(mbsf)				(cm)	(mbsf)		
40X-1	146.5	349.665	1	Very fine sand	40X-2	146.5	351.165	1.5	Very fine sand
40X-1	149	349.69	1	Very fine sand	40X-3	3	351.23	1.5	Very fine sand
40X-1	149.5	349.695	0.5	Very fine sand	40X-3	10.5	351.305	1	Very fine sand
40X-2	3	349.73	1.6	Very fine sand	41X-1	65	358.55	1.5	Very fine sand
40X-2	6.5	349.765	0.5	Very fine sand	41X-1	80	358.7	1	Very fine sand
40X-2	12	349.82	2.5	Very fine sand	41X-1	106	358.96	6	Fine sand
40X-2	18	349.88	2	Fine sand	41X-1	113	359.03	1.5	Fine sand
40X-2	26	349.96	1.5	Very fine sand	41X-1	116.5	359.065	1.5	Fine sand
40X-2	28	349.98	0.5	Very fine sand	41X-1	121	359.11	1.5	Fine sand
40X-2	30.5	350.005	1	Very fine sand	41X-1	137.5	359.275	1.5	Very fine sand
40X-2	37	350.07	3	Very fine sand	41X-2	29	359.69	1.5	Very fine sand
40X-2	39	350.09	1.5	Very fine sand	42X-1	23.5	367.735	0.5	Very fine sand
40X-2	40.5	350.105	0.5	Very fine sand	42X-1	32	367.82	0.7	Fine sand
40X-2	42.5	350.125	1	Very fine sand	42X-1	35	367.85	1	Fine sand
40X-2	43.5	350.135	0.7	Very fine sand	42X-1	86	368.36	5.5	Fine sand
40X-2	47.5	350.175	3	Very fine sand	42X-1	108	368.58	3	Sand
40X-2	48.5	350.185	0.2	Mud	42X-1	133	368.83	2	Sand
40X-2	50.5	350.205	1.5	Very fine sand	42X-1	145	368.95	0.5	Very fine sand
40X-2	52.5	350.225	1.5	Very fine sand	42X-2	23.5	369.235	2.5	Very fine sand
40X-2	56	350.26	1.5	Very fine sand	42X-2	26	369.26	2	Very fine sand
40X-2	57.5	350.275	0.6	Very fine sand	42X-2	29	369.29	1	Very fine sand
40X-2	59	350.29	1	Very fine sand	42X-2	30	369.3	0.7	Very fine sand
40X-2	61	350.31	1	Very fine sand	42X-2	35	369.35	0.5	Very fine sand
40X-2	63	350.33	1.5	Very fine sand	42X-2	43	369.43	2.3	Very fine sand
40X-2	64.5	350.345	0.5	Very fine sand	42X-2	64	369.64	1	Very fine sand
40X-2	69.5	350.395	4	Very fine sand	42X-2	72.5	369.725	2	Very fine sand
40X-2	77.5	350.475	2	Very fine sand	42X-2	79	369.79	3	Fine sand
40X-2	82	350.52	0.3	Very fine sand	42X-2	88.5	369.885	1.5	Fine sand
40X-2	84	350.54	0.4	Very fine sand	42X-2	97.5	369.975	5	Fine sand
40X-2	87	350.57	1	Very fine sand	42X-2	116	370.16	3	Fine sand
40X-2	91.5	350.615	1	Very fine sand	42X-2	134	370.34	1.5	Fine sand
40X-2	106.5	350.765	1	Very fine sand	42X-3	8	370.58	1	Very fine sand
40X-2	114	350.84	0.3	Very fine sand	42X-3	24	370.74	2	Very fine sand
40X-2	121.5	350.915	2.5	Very fine sand	42X-3	56	371.06	2.5	Fine sand
40X-2	131	351.01	4	Very fine sand	42X-3	92	371.42	4	Fine sand
40X-2	145	351.15	1.5	Very fine sand	42X-3	123.5	371.735	5	Fine sand
40X-2	143	351.13	1.5	Very fine sand					

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	<i>Reticulofenestra</i> sp. Z	<i>Reticulofenestra asanoi</i>	<i>Reticulofenestra gelida</i>	<i>Reticulofenestra lockeri</i>	<i>Reticulofenestra</i> (medium)	<i>Reticulofenestra pseudoumbilicus</i>	<i>Reticulofenestra</i> (small)	<i>Reticulofenestra umbilicus</i>	<i>Rhabdosphaera procera</i>	<i>Sphenolithus abies</i>	<i>Sphenolithus conicus</i>	<i>Sphenolithus heteromorphus</i>	<i>Sphenolithus moriformis</i>	<i>Sphenolithus neoabies</i>	<i>Syracosphaera pulchra</i>	<i>Tetraalithoides symeonidesii</i>	<i>Watznaueria barnesae</i>	Comments
181-1122A-1H-CC, 8-18	9.22	M C			R				C												
2H-CC, 8-18	18.86	M F			R				R C												
3H-CC, 9-14	28.52	M C			R				F C R					F		R	R				
4H-CC, 5-15	38.25	M A			F				F C					F							
5H-CC, 10-15	46.57	G C			R				R F												
6H-CC, 10-15	56.31	M C							F A						R						
7H-CC, 0-15	65.78	M A							R D											R	Sponge spicules; coccosphere (<i>D. productus</i>)
8H-CC, 0-15	73.84	M C					R F		R A						R						
9X-CC, 0-15	76.46	M F					F		R A												
10X-CC, 10-15	85.79	M F							A												
11X-CC, 0-15	96.77	G F					R		F												
12X-CC, 10-20	109.62	G F							F												
181-1122C-15X-CC, 28-38	111.28	G C																			
181-1122A-13X-CC, 5-15	119.97	B																			
181-1122C-16X-CC, 15-25	122.88	G C				R C		R				R			R						
17X-CC, 15-25	133.35	G R							C	F											
18X-CC, 9-19	140.51	G C				R				R A											
19X-CC, 5-15	150.48	M C								R A											
20X-CC, 9-19	161.21	G R								F											Tunicate spicules
21X-CC, 0-15	167.99	G F								A											
22X-CC, 0-10	176.93	M F								R C											
23X-CC, 0-10	187.28	G C																			
24X-CC, 0-10	195.42	G C								C					R						
25X-CC, 0-10	204.87	G A				R R C				R A											
26X-CC, 0-10	217.99	G A				R R F				C		R									Beautiful <i>P. lacunosa</i> + tunicate spicules
27X-CC, 23-28	227.16	G A				C	R							R							
28X-CC, 13-18	237.73	M C								R											
29X-CC, 0-10	247.63	G A					F													R	
30X-CC, 12-22	259.13	G A				R				R C										R	
31X-CC, 16-21	266.34	P T					R														
32X-CC, 16-26	273.75	M A				R	R F			A					R						Tunicate spicules
33X-CC, 8-13	287.98	P R								R											Enriched with diatom fragments
34X-2, 122	293.12	M C								F R	R										
34X-CC, 0-10	297.74	M F								C					R					R	
35X-CC, 24-34	307.91	G A					F	F													Tunicate spicules
36X-2, 49	311.59	G VA				F		C		A R											
36X-CC, 20-30	318.20	G F				R				F					R						
37X-CC, 7-17	328.27	G A				F R		F													
38X-CC, 0-10	333.28	M F				F				R C					R						
39X-CC, 11-21	343.66	M F					R			R F											
40X-CC, 16-26	351.36	B																			
41X-1, 106	358.96	G C						F		C											
41X-CC, 7-17	359.88	B																			
42X-CC, 9-19	372.09	B																			
43X-CC, 24-29	377.44	G F					F			F					R						
44X-4, 13	391.53	G C										R			R						
44X-CC, 21-31	392.54	B																			
45X-CC, 22-32	402.51	B																			
46X-CC, 24-34	412.44	M R								F											
47X-2, 24	417.64	M F								R											
47X-CC, 32-37	421.56	M F																			
48X-CC, 29-39	432.41	M A								R											
49X-CC, 21-31	444.41	M A				R				C R											<i>C. pelagicus</i> coccosphere
50X-CC, 29-34	452.16	M R				F				A											
51X-2, 58	456.48	G VA				R				R A							R				

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Preservation		Group abundance																																							
		Group	Abundance	<i>Braarudosphaera bigelowii</i>	<i>Calcidiscus leptoporus</i>	<i>Calcidiscus macintyreii</i>	<i>Calcidiscus premacintyreii</i>	<i>Chiasmolithus</i> spp.	<i>Coccolithus miopelagicus</i>	<i>Coccolithus pelagicus</i>	<i>Cribocentrum reticulatum</i>	<i>Cruciplacolithus primus</i>	<i>Cyclargolithus abisectus</i>	<i>Cyclargolithus floridanus</i>	<i>Dictyococcites antarcticus</i>	<i>Dictyococcites bisectus</i>	<i>Dictyococcites productus</i>	<i>Discoaster adamanteus</i>	<i>Discoaster deliandrei</i>	<i>Discoaster dilatatus</i>	<i>Discoaster druggii</i>	<i>Discoaster exilis</i>	<i>Discoaster variabilis</i>	<i>Emiliania huxleyi</i>	<i>Fasciculithus</i> spp.	<i>Geminitithella rotula</i>	<i>Gephyrocapsa (large)</i>	<i>Gephyrocapsa (medium)</i>	<i>Gephyrocapsa parallela</i>	<i>Gephyrocapsa (small)</i>	<i>Helicosphaera carteri</i>	<i>Helicosphaera ephratis</i>	<i>Helicosphaera intermedia</i>	<i>Helicosphaera paleocarteri</i>	<i>Helicosphaera perch-nielseniae</i>	<i>Helicosphaera seljii</i>	<i>Helicosphaera stalis</i>	<i>Helicosphaera walbersdorfensis</i>	<i>Isthmolithus recurvus</i>	<i>Neococcolithes minutus</i>	<i>Pontosphaera</i> spp.	<i>Pseudemiliania lacunosa</i>	<i>Pyrocyclus</i> spp.
51X-CC, 21-26	463.61	M	A	R	F								R	R																												R	R
52X-1, 90	465.00	G	A	F	F	R	R					R	F	R					R																							F	
52X-4, 47	469.07	M	A	F	R	R	C	C					R																													?	
52X-6, 80	472.40	G	VA	R	R		C	A				R					A									R															R		
52X-CC, 18-23	472.78	B																																									
53X-3, 144	477.84	G	A	C	F	R	R	C				R	R	A	C																										F		
53X-CC, 36-46	478.26	M	A	R			R						R																												R		
54X-CC, 0-10	488.15	B																																									
55X-5, 103	499.73	M	A		F		C	F					F	A	C																										R		
55X-CC, 18-23	499.92	M	F				C	F						F																													
56X-2, 140	505.20	M	C		F									C																													
56X-CC, 37-47	507.78	G	A											A	A																												
57X-2, 97	514.37	M	A		F	R	C	C				R	R	C					R																						F		
57X-CC, 21-31	517.14	B																																									
58X-CC, 0-10	523.48	G	C		F			C				R	F	A	C												R																
59X-CC, 7-12	531.27	M	C		R		C	C					F															R															
60X-CC, 41-46	541.11	G	A	F	C	R	R	F					C	F	F												R																
61X-1, 74	551.14	M	A	C	R	R	C	A					C	A	C				R																								
61X-CC, 13-23	555.49	G	F				C						C		C																												
62X-CC, 0-10	563.31	G	A	F	C	R	R	F					C	C	R				R									R													R		
63X-CC, 17-22	571.27	M	A	C	C	R							A	R																													
64X-CC, 18-28	580.80	M	F				R	F				R	F	F							R																						
65X-CC, 13-18	590.63	M	A	F	F	R	C	A			R	R	F	A	C													F													R		
66X-CC, 0-5	599.40	M	F										F	R	F																										R		
67X-CC, 0-5	609.16	M	F				R	C					R	C						R																					R		
68X-CC, 0-5	617.80	G	A		F	F	R	C				R	C	F	R				F	R	R																				F		

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

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance										Comments							
			<i>Reticulofenestra</i> sp. Z	<i>Reticulofenestra asanoi</i>	<i>Reticulofenestra gelida</i>	<i>Reticulofenestra lockeri</i>	<i>Reticulofenestra</i> (medium)	<i>Reticulofenestra pseudoumbilicus</i>	<i>Reticulofenestra</i> (small)	<i>Reticulofenestra umbilicus</i>	<i>Rhabdosphaera procera</i>	<i>Sphenolithus abies</i>		<i>Sphenolithus conicus</i>	<i>Sphenolithus heteromorphus</i>	<i>Sphenolithus moriformis</i>	<i>Sphenolithus neobabies</i>	<i>Syracosphaera pulchra</i>	<i>Tetraalithoides symeonidesii</i>	<i>Watznaueria barnesae</i>
51X-CC, 21-26	463.61	M A						C					R							
52X-1, 90	465.00	G A						R	F				F	C						
52X-4, 47	469.07	M A	R	F	A			C	R				R	R						
52X-6, 80	472.40	G VA					C	C	A	R	R									
52X-CC, 18-23	472.78	B																		
53X-3, 144	477.84	G A		F	F			C						R						
53X-CC, 36-46	478.26	M A			F				R											Many reworked
54X-CC, 0-10	488.15	B																		
55X-5, 103	499.73	M A		A				A						C						Almost no reworked fossils
55X-CC, 18-23	499.92	M F												R						
56X-2, 140	505.20	M C			C	C														
56X-CC, 37-47	507.78	G A																		
57X-2, 97	514.37	M A		A				C			F			F						
57X-CC, 21-31	517.14	B																		
58X-CC, 0-10	523.48	G C			C			C												C
59X-CC, 7-12	531.27	M C		A				C						C	C					
60X-CC, 41-46	541.11	G A				F		F	R					C						
61X-1, 74	551.14	M A						A	R					F						
61X-CC, 13-23	555.49	G F						F												
62X-CC, 0-10	563.31	G A						F	R				F	F						
63X-CC, 17-22	571.27	M A						C	R	R				R	C					
64X-CC, 18-28	580.80	M F			R			R	F											
65X-CC, 13-18	590.63	M A	A						R					F						
66X-CC, 0-5	599.40	M F												F						Probably all reworked
67X-CC, 0-5	609.16	M F			R									F						
68X-CC, 0-5	617.80	G A			C				R					R						

Table T5. Identification and abundance of planktonic foraminifers observed at Site 1122.

Core, section, interval (cm)	Depth (mbsf)	Group abundance	Species								Species																									
			<i>Catapsydrax unicavus</i>	<i>Globigerina bulloides</i>	<i>Globigerina euapertura</i>	<i>Globigerina falconensis</i>	<i>Globigerina praebulloides</i>	<i>Globigerina quinqueloba</i>	<i>Globigerina</i> spp.	<i>Globigerinita glutinata</i>	<i>Globigerinita uvula</i>	<i>Globigerinoides bisphericus</i>	<i>Globoquadrina dehiscens</i>	<i>Globorotalia cf. hirsuta</i>	<i>Globorotalia cf. conica</i>	<i>Globorotalia crassula</i>	<i>Globorotalia hirsuta</i>	<i>Globorotalia inflata</i>	<i>Globorotalia miotumida</i>	<i>Globorotalia miozea</i>	<i>Globorotalia praemenardii</i>	<i>Globorotalia punctulata</i>	<i>Globorotalia punctuloides</i>	<i>Globorotalia scitula</i>	<i>Globorotalia tosaensis</i>	<i>Globorotalia truncatulinoides</i>	<i>Globorotalia zealandica</i>	<i>Globorotalia cf. zealandica</i>	<i>Neogloboquadrina continuosa</i>	<i>Neogloboquadrina pachyderma</i>	<i>Orbulina suturalis</i>	<i>Orbulina universa</i>	<i>Paragloborotalia opima nana</i>	<i>Zeaglobigerina woodi</i>		
181-1122A-?	181-1122A-?																																			
181-1122A-21H-CC, 8-18	9.22	C	A																																	
181-1122B-1H-CC, 0-15	9.66	C	F														P	R																		
2H-CC, 8-18	18.86	C	A																																	
3H-CC, 9-14	28.52	C	A																																	
4H-CC, 5-15	38.25	C	A																																	
5H-CC, 10-15	46.57	F	A																																	
7H-CC, 0-15	65.78	A	A																																	
9X-CC, 0-15	76.46	F	A																																	
10X-CC, 10-15	85.79	C	F			P																														
11X-CC, 0-15	96.77	F	A																																	
12X-CC, 10-20	109.62	R	R																																	
181-1122C-15X-CC, 28-38	111.28	F	R																																	
13X-CC, 5-15	119.97	C	R																																	
181-1122C-16X-CC, 15-25	122.88	F	R																																	
20X-CC, 9-19	161.21	C	R																																	
21X-CC, 0-15	167.99	F	R																																	
22X-CC, 0-10	176.93	F	R																																	
24X-CC, 0-10	195.42	F	R																																	
25X-CC, 0-10	204.87	F	R																																	
26X-2, 7-8	215.57	F	R																																	
26X-CC, 0-10	217.99	F	R																																	
27X-CC, 23-28	227.16	F	P																																	
29X-CC, 0-10	247.63	F	R																																	
30X-CC, 12-22	259.13	F	R																																	
31X-CC, 16-21	266.34	F	R																																	
34X-CC, 0-10	297.74	F	R																																	
35X-CC, 24-34	307.91	F	R																																	
38X-CC, 0-10	333.28	T	P																																	
40X-CC, 16-26	351.36	T	P																																	
44X-CC, 21-31	392.54	R	R																																	
47X-CC, 32-37	421.56	R	F																																	
48X-CC, 29-39	432.41	R																																		
49X-CC, 21-31	444.41	T																																		
50X-CC, 29-34	452.16	R																																		
51X-CC, 21-26	463.61	R	R																																	
53X-CC, 36-46	478.26	R	P																																	
54X-CC, 0-10	488.15	B																																		
56X-CC, 37-47	507.78	B																																		
57X-CC, 21-31	517.14	B																																		
58X-CC, 0-10	523.48	R																																		
59X-CC, 7-12	531.27	B																																		
60X-CC, 41-46	541.11	B																																		
61X-CC, 13-23	555.49	B																																		
62X-CC, 0-10	563.31	R																																		
63X-CC, 17-22	571.27	T																																		
64X-CC, 18-28	580.8	R																																		
65X-CC, 13-18	590.63	R																																		
66X-CC, 0-5	599.4	R	P	R																																
67X-CC, 0-5	609.16	F																																		
68X-CC, 0-5	617.8	F	P		R																															

Note: Total (group) and relative abundance of planktonic foraminifers: D = dominant, A = abundant, C = common, F = few/frequent, R = rare, P = present, T = trace, and B = barren; relative abundance of species.

Table T6 (continued).

Core, section, interval (cm)	Depth (mbsf)	Preservation	Group abundance	<i>Karreriella cylindrica</i>	<i>Kolesnikovella australis</i>	<i>Lagena</i> spp.	<i>Laticarinina pauperata</i>	<i>Lenticulina</i> spp.	<i>Martinotiella communis</i>	<i>Melonis barleeanus</i>	<i>Melonis maorica</i>	<i>Melonis pompilioides</i>	<i>Miliolinella subrotundata</i>	<i>Neouvigerina</i> sp.	<i>Nodosaria longiscata</i>	<i>Nonionella novozealandica</i>	<i>Nonionella turgida</i>	<i>Nonionellina flemingi</i>	<i>Notrotalia spinosa</i>	<i>Notrotalia</i> spp.	<i>Nuttallides umbonifera</i>	<i>Oolina</i> spp.	<i>Oridorsalis umbonatus</i>	<i>Patellina corrugata</i>	<i>Pileolina</i> spp.	<i>Planulina wuellerstorfi</i>	<i>Pleurostomella</i> spp.	<i>Pullenia bulloides</i>	<i>Pullenia quinqueloba</i>	<i>Pyrgo murrhina</i>	<i>Quinqueloculina</i> spp.	<i>Quinqueloculina venusta</i>	<i>Siphonina australis</i>	<i>Sphaeroidina bulloides</i>	<i>Stilostomella verneulii</i>	<i>Textularia</i> spp.	<i>Trifarina angulosa</i>	<i>Uvigerina auferiana</i>	<i>Uvigerina dirupta</i>	<i>Uvigerina</i> spp.						
181-1122A-1H-CC, 8-18	9.22	G F							T R													T				T R																				
3H-CC, 9-14	28.52	VG R							R							T R									T		T T			T		T														
4H-CC, 5-15	38.25	VG R																																												
5H-CC, 10-15	46.57	VG R				T				F																																				
7H-CC, 0-15	65.78	VG F					T		T R											T R						T		T																		
9X-CC, 0-15	76.46	VG R																																												
10X-CC, 10-15	85.79	G R					T		T				R						T																											
11X-CC, 0-15	96.77	G R							T																																					
12X-CC, 10-20	109.62	G R							R				R																																	
13X-CC, 5-15	119.97	M C					T		T T											T																										
181-1122C-16X-CC, 15-25	122.88	VG								F										T T		R																								
24X-CC, 0-10	195.42	VG																		T																										
25X-CC, 0-10	204.87	VG								F			R	T																																
26X-2, 7-8	215.57	VG								C			T																																	
26X-CC, 0-10	217.99	VG								R			R																																	
27X-CC, 23-28	227.16	VG					T			R																																				
29X-CC, 0-10	247.63	VG					R			F																																				
30X-CC, 12-22	259.13	VG								C																																				
31X-CC, 16-21	266.34	VG								C																																				
35X-CC, 24-34	307.91	VG					T																																							
47X-CC, 32-37	421.56	VG																																												
48X-CC, 29-39	432.41	G T								T																																				
50X-CC, 29-34	452.16	M R					T			R																																				
51X-CC, 21-26	463.61	G T								R																																				
52X-CC, 18-23	472.78	VG								R																																				
53X-CC, 36-46	478.26	M T					T																																							
54X-CC, 0-10	488.15	VG																																												
55X-CC, 18-23	499.92	M R					T					R	R																																	
58X-CC, 0-10	523.48	M T														F																														
62X-CC, 0-10	563.31	M F					T	T																																						
63X-CC, 17-22	571.27	P T																																												
64X-CC, 18-28	580.8	M R														T																														
65X-CC, 13-18	590.63	P T																																												
66X-CC, 0-5	599.4	P R					T			C						R			F																											
67X-CC, 0-5	609.16	M F					T			F						R			F																											
68X-CC, 0-5	617.8	M F								F						F			F																											

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

Table T7 (continued).

Core, section, interval (cm)	Depth (mbsf)	Clinoptilolite abundance		Diatom abundance		<i>Actinocyclus actinochilus</i>	<i>Actinocyclus curvatulus</i>	<i>Actinocyclus ingens</i>	<i>Actinocyclus oculatus</i>	<i>Actinopttychus senarius</i>	<i>Actinopttychus splendens</i>	<i>Arachnoidiscus</i> sp.	<i>Aulacoseira granulata</i>	<i>Azpeitia africana</i>	<i>Azpeitia endoi</i>	<i>Azpeitia tabularis</i>	<i>Cestodiscus novozealandicus</i>	<i>Cestodiscus reticulatus</i>	<i>Chaetoceros</i> resting spores	<i>Chaetoceros</i> sp.	<i>Cocconeis</i> sp.	<i>Coccinodiscus asteromphalus</i>	<i>Coccinodiscus marginatus</i>	<i>Coccinodiscus radiatus</i>	<i>Craspedodiscus</i> sp.	<i>Cyclotella striata</i>	<i>Cymbella</i> sp.	<i>Denticulopsis dimorpha</i>	<i>Denticulopsis hustedii</i>	<i>Denticulopsis meridionalis</i>	<i>Denticulopsis</i> sp.	<i>Diploneis</i> sp.	<i>Eucampia antarctica</i>	<i>Grammatophora</i> sp.	<i>Hemiaulus characteristicus</i>	<i>Hemiaulus</i> sp.	<i>Hemiaulus velatus</i>	<i>Hemidiscus karstenii</i>	<i>Hemidiscus karstenii</i> f. 1	<i>Hemidiscus ovalis</i>	<i>Hyalodiscus</i> sp.	<i>Navicula directa</i>	<i>Nitzschia angulata</i>																				
		B	C	B	C																																																										
51X-CC, 21-26	463.61	B	C					C													R																										R																
52X-6, 31	471.42	B	F												T	F											T																																				
52X-6, 80	471.91	B	R																																																												
52X-CC, 18-23	472.78	B	R					T							T							R				T	T																			T																	
53X-CC, 36-46	478.26	B	B																																																												
54X-3, 68	481.94	B	F												T							T					R																																				
54X-CC, 0-10	488.15	B	R					R														R	T						T	T																		R															
55X-3, 64	491.79	B	F					R																				F																				T															
55X-CC, 18-23	499.94	B	T																																																												
56X-CC, 37-47	507.78	B	F					F						T								R						T																																			
57X-CC, 21-31	517.14	B	R																																																												
58X-CC, 0-10	523.48	B	T																																																												
59X-CC, 7-12	531.27	B	T																																																												
60X-CC, 41-46	541.11	B	B																																																												
61X-CC, 13-23	555.49	B	B																																																												
62X-2, 10	557.09	B	B																																																												
62X-CC, 0-10	563.31	B	R								T																																																				
63X-1, 13-14	563.45	B	T					T																																																							
63X-1, 90	564.21	C	B																																																												
63X-CC, 17-22	571.27	R	F					R																																																							
64X-1, 3	571.3	A	T																																																												
64X-CC, 18-28	580.8	A	B																																																												
65X-1, 145	581.08	F	T																																																												
65X-1, 145	582.25	F	R																																																												
65X-CC, 13-18	590.63	A	R																																																												
66X-1, 82.5	591.46	A	B																																																												
66X-CC, 0-5	599.4	C	B																																																												
67X-1, 69	600.1	A	B																																																												
67X-1, 79	600.2	A	B																																																												
67X-CC, 0-5	609.16	C	B																																																												
68X-CC, 0-5	617.8	C	B																																																												

Note: Clinoptilolite and diatom total (group) abundance and relative abundance: D = dominant, A = abundant, C = common, F = few, R = rare, T = trace, and B = barren.

