Chapter 8, Table T4. Distribution of planktonic foraminifers, Hole 1261A.

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance
207-1261A-					
1R-CC, 12–17	3.85	PT1	Pleistocene	G	A
2R-1, 66–71	4.56	PT1	Pleistocene	G	A
3R-1, 49–52	13.69	PL3	late Pliocene	G	A
3R-CC, 18–23	14.77	PL3 and PL1	late Pliocene and Pleistocene	G	A
4R-CC, 15–20	72.91	PL3	late Pliocene	G	C
5R-CC, 8–13	139.50	PL2	early Pliocene	G	C
6R-1, 50–54	189.60	PL2	early Pliocene	G	A
6R-2, 50–54	191.10	PL2	early Pliocene	G	A
6R-CC, 0–8	198.12	PL2	early Pliocene	G	F
7R-1, 50–54	237.40	M14–PL2	late Miocene–early Pliocene	M	F
7R-2, 50–54	238.90	M14	late Miocene	G	C
7R-3, 50–54	240.40	M14	late Miocene	G	C
7R-6, 50–54	244.90	M14	late Miocene	G	C
7R-CC, 25–30	246.03	M14	late Miocene	G	F
8R-2, 50–54	248.50	M14	late Miocene	G	C
8R-3, 50–54	250.00	M14	late Miocene	G	C
8R-4, 50–54	251.50	M14	late Miocene	G	C
8R-CC, 0–5	255.72	M14–M13b	late Miocene	G	F
9R-1, 50–54	256.70	M14	late Miocene	G	C
9R-2, 50–54	258.20	M14	late Miocene	G	C
9R-6, 50–54	264.20	M14	late Miocene	M	C
9R-CC, 21–28	264.74	M13b	late Miocene	M	R
10R-CC, 14–19	274.03	M13b	late Miocene	G	F
11R-CC, 0–5	284.91	M13b	late Miocene	G	A
12R-CC, 12–19	293.19	M13b	late Miocene	M	A
13R-6, 135–140	303.55	M13b	late Miocene	M	C
14R-5, 35–36	310.75	M13b and M4	late Miocene and early Miocene	G	C
14R-5, 42–43	310.82	M9	middle Miocene	G	A
14R-5, 131–133	311.71	M4	early Miocene	G	A
14R-7, 41–47	313.31	M13b	late Miocene	G	A
15R-CC, 0–5	323.00	M8–M9	middle Miocene	M	C
16R-6, 48–51	331.58	M8	middle Miocene	M	A
17R-1, 129–131	334.59	M8	middle Miocene	G	A
17R-6, 0–1	340.80	M13b	late Miocene	M	C
17R-6, 123–127	342.03	M11	middle Miocene	G	A
17R-7, 17–20	342.47	M13	late Miocene	G	A
17R-CC, 0–5	343.09	M13b and M9	late Miocene and middle Miocene	G	A
18R-2, 24–26	344.64	M11, M8, M5	middle Miocene	G	A
18R-2, 27–30	344.67	M13b, M4, M11	early, middle, late Miocene	G	F
18R-2, 134–136	345.74	M13b	late Miocene	G	C
18R-CC, 5–9	351.65	M13b	late Miocene	M	C
19R-6, 53–59	360.33	M13b and M5b	late Miocene and middle Miocene	M	A
19R-7, 23–27	361.53	M13b	late Miocene	M	A
19R-CC, 9–14	362.15	M13b	late Miocene	P	C
20R-4, 97–100	367.57	M5a	middle Miocene	M	A
20R-4, 113–116	367.73	M13b	late Miocene	M	A
20R-4, 131–133	367.91	M13b, M8/9, M5	late Miocene and middle Miocene	M	A
20R-5, 20–22	368.30	M13b and M8/9	late Miocene and middle Miocene	M	A
20R-5, 116–119	369.26	M13b and M8/9	late Miocene and middle Miocene	M	A
20R-5, 120–122	369.30	P14	middle Eocene	P	C
20R-CC, 11–16	371.64	P14/P13	middle Eocene	P	F
21R-2, 84–86	374.12	P13	middle Eocene	P	C
21R-CC, 23–29	375.50	P14/P13	middle Eocene	P	R
22R-3, 65–70	385.05	P12–P14	middle Eocene	P	R
23R-CC, 21–25	400.93	P10–P14	middle Eocene	P	R
24R-CC, 4–9	406.97	Not defined	No age assignment	P	R
25R-5, 95–100	417.09	P11–P14	middle Eocene	P	R
26R-CC, 0–5	425.53	P10–P11	middle Eocene	P	R
27R-CC, 0–6	433.38	P10–P11	middle Eocene	P	F
28R-CC, 17–22	448.94	P10–P11	middle Eocene	P	C
29R-CC, 9–14	454.19	P10–P11	middle Eocene	P	F
30R-2, 145–150	461.11	P9–P10	early to middle Eocene	P	F
31R-1, 56–58	468.16	P7	early Eocene	M	A
32R-CC, 19–24	487.14	P5	late Paleocene	P	C
33R-CC, 0–5	492.69	P5	late Paleocene	P	C
34R-CC, 0–5	502.29	P5	late Paleocene	P	C
35R-1, 50–54	506.60	P4	late Paleocene	P	F
35R-2, 50–54	508.10	P4	late Paleocene	P	F
35R-3, 50–54	509.60	P4	late Paleocene	M	F
35R-5, 50–54	512.60	P4	late Paleocene	P	A
35R-CC, 0–5	513.30	P4	late Paleocene	M	A
36R-4, 50–54	520.74	P4	late Paleocene	M	A
36R-5, 50–54	522.24	P4	late Paleocene	M	A
36R-6, 50–54	523.74	P3b	late Paleocene	M	A
36R-6, 120–121	524.44	P3b	late Paleocene	G	A
37R-1, 50–54	525.80	P3b	late Paleocene	P	C
37R-2, 50–54	527.30	P3	late Paleocene	P	F
37R-3, 50–54	528.80	P3	late Paleocene	P	F
37R-4, 50–54	530.30	P2	early Paleocene	P	F
37R-5, 50–54	531.80	P2	early Paleocene	P	F
37R-6, 50–54	533.30	P2	early Paleocene	M	C
37R-7, 52–55	534.82	P2	early Paleocene	M	C
37R-CC, 0–3	535.02	P1c	early Paleocene	M	A
37R-CC, 24–29	535.26	Not defined	Maastrichtian	P	C
38R-CC, 0–5	535.00	KS31	Maastrichtian	P	C
39R-CC, 16–22	549.58	KS29–KS31	late Campanian–Maastrichtian	P	C
40R-6, 55–60	562.21	Not defined	late Campanian–Maastrichtian	P	R
41R-CC, 8–12	573.56	KS23–KS24	Santonian	M	C
42R-1, 30–32	573.70	KS23–KS24	Santonian	M	C
42R-3, 106–108	577.33	KS23–KS24	Santonian	M	C
42R-5, 5–8	579.32	KS23–KS24	Coniacian	G	F
42R-CC, 10–15	583.04	KS23–KS24	Coniacian	M	A
43R-4, 66–67	588.01	Not defined	No age assignment	M	F
43R-5, 103–104	589.88	KS22	Turonian	P	F
43R-CC, 12–17	590.10	KS22	Turonian	M	A
44R-1, 140–141	594.00	KS22	Turonian	M	C
44R-6, 65–70	600.49	KS22	Turonian	M	A
45R-3, 138–152	606.36	KS21–KS20	Turonian	G	C
45R-4, 82–84	607.32	Not defined	Turonian	P	R
46R-1, 35–36	612.15	KS21–KS20	Turonian	M	A
46R-3, 115–117	615.82	KS21–KS20	Turonian	M	C
46R-5, 107–109	618.71	KS21–KS20	Turonian	M	F
46R-CC, 0–3	619.06	KS21–KS20	Turonian	P	R
47R-1, 132–133	622.72	KS21–KS20	Turonian	P	C
47R-5, 109–110	628.26	KS21–KS20	Turonian	M	C
47R-CC, 14–18	630.17	KS21–KS20	No age assignment	P	F
48R-CC, 11–15	639.93	KS19	Cenomanian	M	C
49R-CC, 0–2	649.59	KS19	Cenomanian	P	F
50R-3, 0–2	653.20	KS19	Cenomanian	P	F

Core, section, interval (cm)	*Clavihedbergella simplex*	*Globigerinelloides bentonensis*	*Hedbergella delrioensis*	*Heterohelix globulosa*	*Whiteinella baltica*	*Globigerinelloides caseyi*	*Globigerinelloides* sp. 1	*Hedbergella angolae*	*Heterohelix moremani*	*Praeglobotruncana gibba*	*Rotalipora greenhornensis*	*Whiteinella* cf. *bornholmensis*	*Hastigerinoides subdigitata*	*Whiteinella archaeocretacea*	*Whiteinella inornata*	*Hastigerinoides watersi*	*Whiteinella brittonensis*	*Dicarinella hagni*	*Hastigerinoides alexanderi*	*Clavihedbergella amabilis*
39R-CC, 16–22				P																
40R-6, 55–60				P																
41R-CC, 8–12				P											P		P			
42R-1, 30–32				P										P	P					
42R-3, 106–108				P	P				P											
42R-5, 5–8				P														P		
42R-CC, 10–15				P									P	P	P					
43R-4, 66–67				P																
43R-5, 103–104				P									P	P	P					
43R-CC, 12–17				P		P			P				P	P	P	P				P
44R-1, 140–141	P			P	P								P	P	P		P			
44R-6, 65–70				P	P	P			P				P	P	P			P	P	P
45R-3, 138–152			P	P	P															
45R-4, 82–84				P																
46R-1, 35–36	P			P	P								P							
46R-3, 115–117					P				P					P	P					
46R-5, 107–109				P	P									P	P	P	P			
46R-CC, 0–3					P	P								P						
47R-1, 132–133				P	P				P				P	P						
47R-5, 109–110				P	P				P			P	P	P	P					
47R-CC, 14–18			P	P																
48R-CC, 11–15			P			P		P	P	P	P									
49R-CC, 0–2	P	P		P	P	P	P													
50R-3, 0–2	P	P	P	P	P															

Core, section, interval (cm)	*Marginotruncana sinuosa*	*Marginotruncana pseudolinneiana*	*Dicarinella imbricata*	*Dicarinella primitiva*	*Dicarinella* sp. 1	*Archaeoglobigerina blowi*	*Globigerinelloides prairiehillensis*	*Marginotruncana renzi*	*Contusotruncana fornicata*	*Dicarinella concavata*	*Marginotruncana coronata*	*Archaeoglobigerina cretacea*	*Dicarinella canaliculata*	*Heterohelix striata*	*Globotruncana aegyptiaca*	*Globotruncanella havanensis*	*Pseudoguembelina costulata*	*Pseudotextularia elegans*	*Rugoglobigerina rotundata*	*Rugoglobigerina rugosa*	*Abathomphalus mayaroensis*	*Contusotruncana contusa*	*Globotruncanita stuarti*	*Globanomalina planocompressa*	*Heterohelix labellosa*
37R-CC, 0–3																								P	
37R-CC, 24–29															P			P	P	P				P	P
38R-CC, 0–5														P	P			P		P	P	P	P		
39R-CC, 16–22															P	P	P	P	P	P					
40R-6, 55–60														P											
41R-CC, 8–12		P			P				P	P			P												
42R-1, 30–32	P					P	P		P			P													
42R-3, 106–108	P				P	P	P		P	P	P														
42R-5, 5–8	P	P			P	P	P	P																	
42R-CC, 10–15	P				P	P																			
43R-CC, 12–17			P	P																					
44R-1, 140–141		P																							
44R-6, 65–70	P																								

Core, section, interval (cm)	*Praemurica inconstans*	*Praemurica taurica*	*Eoglobigerina eobulloides*	*Parasubbotina pseudobulloides*	*Parasubbotina varianta*	*Praemurica uncinata*	*Globanomalina ehrenbergi*	*Morozovella praeangulata*	*Subbotina triloculinoides*	*Morozovella angulata*	*Morozovella conicotruncata*	*Globanomalina imitata*	*Igorina tadjikistanensis*	*Morozovella acuta*	*Morozovella velascoensis*	*Subbotina velascoensis*	*Igorina albeari*	*Subbotina triangularis*	*Igorina pusilla*	*Morozovella apanthesma*
32R-CC, 19–24															P			P		
33R-CC, 0–5															P					
34R-CC, 0–5														P		P		P		
35R-1, 50–54															P	P	P			
35R-2, 50–54									P						P					
35R-3, 50–54										P					P					P
35R-5, 50–54									P	P					P	P				P
35R-CC, 0–5									P					P	P	P				P
36R-4, 50–54									P						P	P	P	P		
36R-5, 50–54													P		P	P	P	P		P
36R-6, 50–54									P				P		P	P			P	P
36R-6, 120–121					P					P	P		P	P	P	P	P	P		
37R-1, 50–54										P	P		P	P	P	P				
37R-2, 50–54							P		P	P	P	P								
37R-3, 50–54									P	P	P									
37R-4, 50–54						P		P												
37R-5, 50–54	P				P	P		P	P											
37R-6, 50–54	P			P	P	P	P	P	P											
37R-7, 52–55	P		P	P	P	P														
37R-CC, 0–3	P	P																		
37R-CC, 24–29	P	P																		

Core, section, interval (cm)	*Acarinina subsphaerica*	*Morozovella acutispira*	*Acarinina nitida*	*Acarinina soldadoensis*	*Morozovella aequa*	*Globanomalina pseudomenardii*	*Morozovella occlusa*	*Globanomalina* sp. 1	*Acarinina coalingensis*	*Morozovella subbotinae*	*Acarinina quetra*	*Morozovella marginodentata*	*Acarinina wilcoxensis*	*Morozovella aragonensis*	*Morozovella formosa*	*Morozovella lensiformis*	*Acarinina aspensis*	*Acarinina pentacamerata*	*Acarinina bullbrooki*	*Muricoglobigerina senni*
20R-CC, 11–16																				P
21R-CC, 23–29																				P
22R-3, 65–70																				P
23R-CC, 21–25																			P	P
24R-CC, 4–9																				P
26R-CC, 0–5				P										P					P	P
27R-CC, 0–6														P					P	P
28R-CC, 17–22				P										P					P	
29R-CC, 9–14																			P	P
30R-2, 145–150														P			P	P		
31R-1, 56–58				P					P	P	P		P	P	P	P				
32R-CC, 19–24									P	P	P	P								
33R-CC, 0–5				P	P		P		P	P										
34R-CC, 0–5					P		P													
35R-1, 50–54				P				P												
35R-2, 50–54			P					P												
35R-3, 50–54			P	P																
35R-5, 50–54			P	P		P														
35R-CC, 0–5			P	P		P	P													
36R-4, 50–54			P	P	P															
36R-5, 50–54	P	P																		

Core, section, interval (cm)	*Acarinina praetopilensis*	*Acarinina rohri*	*Subbotina boweri*	*Turborotalia griffinae*	*Guembelitrioides higginsi*	*Igorina broedermanni*	*Morozovella spinulosa*	*Turborotalia possagnoensis*	*Globigerinatheka index*	*Globigerinatheka mexicana*	*Morozovella lehneri*	*Acarinina topilensis*	*Turborotalia pomeroli*	*Globigerinatheka rubriformis*	*Orbulinoides beckmanni*	*Acarinina collactea*	*Planorotalites renzi*	*Pseudohastigerina wilcoxensis*	*Turborotalia cerroazulensis*	*Acarinina primitiva*
20R-5, 120–122		P		P			P		P	P			P	P						P
20R-CC, 11–16		P					P		P	P			P			P	P	P	P	
21R-2, 84–86		P		P									P	P	P					
21R-CC, 23–29		P					P		P	P			P							
22R-3, 65–70		P										P								
23R-CC, 21–25		P									P									
24R-CC, 4–9						P														
25R-5, 95–100						P				P										
26R-CC, 0–5		P				P			P											
27R-CC, 0–6	P	P			P	P	P	P												
28R-CC, 17–22	P	P	P	P																

Core, section, interval (cm)	*Morozovella crassata*	*Globigerina nepenthes*	*Globigerinoides extremus*	*Globigerinoides sacculifer*	*Dentoglobigerina altispira altispira*	*Globorotalia fohsi fohsi*	*Globorotalia menardii*	*Globorotalia plesiotumida*	*Globorotalia scitula*	*Orbulina universa*	*Sphaeroidinellopsis kochi*	*Sphaeroidinellopsis seminulina*	*Globoquadrina venezuelana*	*Globigerinoides sicanus*	*Globoquadrina dehiscens*	*Paragloborotalia mayeri*	*Globigerinoides immaturus*	*Globigerinoides obliquus*	*Globoquadrina baroemoenensis*	*Orbulina bilobata*
1R-CC, 12–17				P			P			P										
2R-1, 66–71				P			P			P										
3R-1, 49–52			P	P	P		P		P	P		P								
3R-CC, 18–23				P	P							P								
4R-CC, 15–20				P	P					P		P								
5R-CC, 8–13			P	P	P						P	P								
6R-1, 50–54			P	P	P		P	P		P		P								P
6R-2, 50–54			P	P	P			P		P	P	P			P					
6R-CC, 0–8				P				P				P								
7R-1, 50–54					P					P		P			P					
7R-2, 50–54		P	P		P		P			P		P								
7R-3, 50–54		P	P	P	P		P			P		P			P					
7R-6, 50–54			P	P	P		P													
7R-CC, 25–30		P			P							P								
8R-2, 50–54		P	P				P	P												
8R-3, 50–54		P			P		P					P								
8R-4, 50–54		P			P					P					P					
8R-CC, 0–5		P						P												
9R-1, 50–54		P	P	P	P		P								P					
9R-2, 50–54		P	P	P	P		P					P								
9R-6, 50–54			P	P	P		P		P	P		P								
9R-CC, 21–28		P	P				P	P		P		P								
10R-CC, 14–19			P		P							P						P		
11R-CC, 0–5			P		P		P	P		P		P						P		
12R-CC, 12–19		P	P	P	P		P	P				P						P		
13R-6, 135–140		P	P				P											P		
14R-5, 35–36		P	P	P	P		P	P		P		P			P	P	P	P	P	
14R-5, 42–43				P	P					P	P				P	P		P		
14R-5, 131–133				P	P													P		
14R-7, 41–47			P	P	P		P	P		P	P	P						P		
15R-CC, 0–5				P	P	P				P						P		P	P	
16R-6, 48–51				P	P										P	P		P	P	
17R-1, 129–131					P	P				P			P				P			
17R-6, 0–1			P	P	P		P	P		P	P	P								
17R-6, 123–127		P		P	P		P				P					P		P		
17R-7, 17–20		P		P			P	P		P		P			P					
17R-CC, 0–5			P	P	P		P	P		P		P			P	P		P	P	
18R-2, 24–26		P		P		P	P			P						P				
18R-2, 27–30		P		P	P		P	P		P	P	P			P	P				
18R-2, 134–136		P	P	P	P		P	P	P	P	P	P						P		
18R-CC, 5–9			P	P	P		P	P		P	P	P			P	P			P	
19R-6, 53–59		P			P		P	P		P	P	P				P		P		
19R-7, 23–27		P		P	P		P	P		P	P	P					P	P		
19R-CC, 9–14		P	P		P		P	P		P	P	P			P			P		
20R-4, 97–100					P									P	P	P		P	P	
20R-4, 113–116					P		P	P		P	P	P					P	P	P	P
20R-4, 131–133			P	P	P	P	P			P	P		P	P	P	P				
20R-5, 20–22		P	P	P	P	P	P			P	P	P	P							
20R-5, 116–119		P	P	P	P	P	P	P	P	P	P	P								
20R-5, 120–122	P																			

Core, section, interval (cm)	*Globigerinoides bisphericus*	*Globigerinoides mitrus*	*Globigerinoides subquadratus*	*Globorotalia peripheroronda*	*Globigerinoides ruber*	*Globorotalia lenguaensis*	*Globorotalia limbata*	*Globorotalia merotumida*	*Praeorbulina glomerosa*	*Globigerinella siphonifera*	*Globorotalia miotumida*	*Globorotalia praefohsi*	*Globorotalia praemenardii*	*Praeorbulina curva*	*Globorotalia fohsi lobata*	*Globorotaloides suteri*	*Globigerina venezuelana*	*Globigerinella praesiphonifera*	*Paragloborotalia siakensis*	*Globorotalia paralenguaensis*
1R-CC, 12–17					P															
2R-1, 66–71					P															
3R-1, 49–52					P		P													
3R-CC, 18–23					P															
6R-1, 50–54							P													
6R-2, 50–54					P		P													
7R-2, 50–54							P													
7R-6, 50–54							P													
7R-CC, 25–30							P													
8R-3, 50–54							P													
8R-CC, 0–5							P													
9R-1, 50–54							P													
9R-CC, 21–28						P	P													
10R-CC, 14–19							P													
11R-CC, 0–5							P													
13R-6, 135–140							P	P												
14R-5, 35–36	P		P			P	P													
14R-5, 42–43				P			P													
14R-5, 131–133	P				P												P			
14R-7, 41–47							P													
15R-CC, 0–5					P										P					
16R-6, 48–51					P															P
17R-1, 129–131		P	P									P	P						P	
17R-6, 0–1							P													
17R-6, 123–127																	P	P		
17R-7, 17–20																P				
17R-CC, 0–5					P		P								P					
18R-2, 24–26	P											P	P	P						
18R-2, 27–30	P				P		P			P	P									
18R-2, 134–136							P													
18R-CC, 5–9					P		P													
19R-6, 53–59							P	P	P											
19R-CC, 9–14					P	P	P													
20R-4, 97–100	P	P	P	P																

Core, section, interval (cm)	*Globorotalia peripheroacuta*	*Globigerina falconensis*	*Globigerinatella insueta*	*Globorotalia fohsi robusta*	*Neogloboquadrina dutertrei*	*Globigerinoides conglobatus*	*Sphaeroidinellopsis subdehiscens*	*Globorotalia multicamerata*	*Globorotalia cibaoensis*	*Clavatorella bermudezi*	*Globorotalia tumida*	*Globorotalia margaritae*	*Globorotalia juanai*	*Neogloboquadrina acostaensis*	*Candeina nitida*	*Globorotalia miocenica*	*Hastigerina siphonifera*	*Globigerinoides fistulosus*	*Globigerinoides crassaformis*	*Globorotalia truncatulinoides*	*Sphaeroidinella dehiscens*	*Globorotalia ronda*	*Pulleniatina obliquiloculata*	*Globigerinella aequilateralis*	*Globigerinoides ruber* (pink)
1R-CC, 12–17																				P				P	P
2R-1, 66–71						P														P	P		P		
3R-1, 49–52					P	P		P			P					P		P	P		P	P			
3R-CC, 18–23					P	P		P												P	P				
4R-CC, 15–20					P			P										P	P						
5R-CC, 8–13						P		P			P	P			P	P	P								
6R-1, 50–54						P		P				P													
6R-2, 50–54							P	P			P	P													
6R-CC, 0–8					P			P																	
7R-1, 50–54												P													
7R-2, 50–54						P					P	P													
7R-3, 50–54									P		P	P													
7R-6, 50–54									P				P	P											
7R-CC, 25–30												P													
8R-4, 50–54									P				P												
8R-CC, 0–5												P													
9R-1, 50–54									P		P														
9R-2, 50–54									P	P	P														
9R-6, 50–54									P																
10R-CC, 14–19								P																	
12R-CC, 12–19						P																			
13R-6, 135–140						P	P																		
14R-5, 35–36			P		P																				
14R-5, 42–43				P																					
14R-5, 131–133		P	P																						
15R-CC, 0–5	P																								

Notes: Preservation: G = good, M = moderate, P = poor. Abundance: A = abundant, C = common, F = few, R = rare, B = barren.

Table T4. Distribution of planktonic foraminifers, Hole 1261A. (See table notes. Continued on next 17 pages.)

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Clavihedbergella simplex*	*Globigerinelloides bentonensis*	*Hedbergella delrioensis*	*Heterohelix globulosa*	*Whiteinella baltica*	*Globigerinelloides caseyi*	*Globigerinelloides* sp. 1	*Hedbergella angolae*	*Heterohelix moremani*	*Praeglobotruncana gibba*	*Rotalipora greenhornensis*	*Whiteinella* cf. *bornholmensis*	*Hastigerinoides subdigitata*	*Whiteinella archaeocretacea*	*Whiteinella inornata*	*Hastigerinoides watersi*	*Whiteinella brittonensis*	*Dicarinella hagni*	*Hastigerinoides alexanderi*	*Clavihedbergella amabilis*	*Marginotruncana sinuosa*	*Marginotruncana pseudolinneiana*	*Dicarinella imbricata*	*Dicarinella primitiva*	*Dicarinella* sp. 1	*Archaeoglobigerina blowi*	*Globigerinelloides prairiehillensis*	*Marginotruncana renzi*	*Contusotruncana fornicata*	*Dicarinella concavata*
207-1261A-																																		
1R-CC, 12–17	3.85	PT1	Pleistocene	G	A																													
2R-1, 66–71	4.56	PT1	Pleistocene	G	A																													
3R-1, 49–52	13.69	PL3	late Pliocene	G	A																													
3R-CC, 18–23	14.77	PL3 and PL1	late Pliocene and Pleistocene	G	A																													
4R-CC, 15–20	72.91	PL3	late Pliocene	G	C																													
5R-CC, 8–13	139.50	PL2	early Pliocene	G	C																													
6R-1, 50–54	189.60	PL2	early Pliocene	G	A																													
6R-2, 50–54	191.10	PL2	early Pliocene	G	A																													
6R-CC, 0–8	198.12	PL2	early Pliocene	G	F																													
7R-1, 50–54	237.40	M14–PL2	late Miocene–early Pliocene	M	F																													
7R-2, 50–54	238.90	M14	late Miocene	G	C																													
7R-3, 50–54	240.40	M14	late Miocene	G	C																													
7R-6, 50–54	244.90	M14	late Miocene	G	C																													
7R-CC, 25–30	246.03	M14	late Miocene	G	F																													
8R-2, 50–54	248.50	M14	late Miocene	G	C																													
8R-3, 50–54	250.00	M14	late Miocene	G	C																													
8R-4, 50–54	251.50	M14	late Miocene	G	C																													
8R-CC, 0–5	255.72	M14–M13b	late Miocene	G	F																													
9R-1, 50–54	256.70	M14	late Miocene	G	C																													
9R-2, 50–54	258.20	M14	late Miocene	G	C																													
9R-6, 50–54	264.20	M14	late Miocene	M	C																													
9R-CC, 21–28	264.74	M13b	late Miocene	M	R																													
10R-CC, 14–19	274.03	M13b	late Miocene	G	F																													
11R-CC, 0–5	284.91	M13b	late Miocene	G	A																													
12R-CC, 12–19	293.19	M13b	late Miocene	M	A																													
13R-6, 135–140	303.55	M13b	late Miocene	M	C																													
14R-5, 35–36	310.75	M13b and M4	late Miocene and early Miocene	G	C																													
14R-5, 42–43	310.82	M9	middle Miocene	G	A																													
14R-5, 131–133	311.71	M4	early Miocene	G	A																													
14R-7, 41–47	313.31	M13b	late Miocene	G	A																													
15R-CC, 0–5	323.00	M8–M9	middle Miocene	M	C																													
16R-6, 48–51	331.58	M8	middle Miocene	M	A																													
17R-1, 129–131	334.59	M8	middle Miocene	G	A																													
17R-6, 0–1	340.80	M13b	late Miocene	M	C																													
17R-6, 123–127	342.03	M11	middle Miocene	G	A																													
17R-7, 17–20	342.47	M13	late Miocene	G	A																													
17R-CC, 0–5	343.09	M13b and M9	late Miocene and middle Miocene	G	A																													
18R-2, 24–26	344.64	M11, M8, M5	middle Miocene	G	A																													

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Marginotruncana coronata*	*Archaeoglobigerina cretacea*	*Dicarinella canaliculata*	*Heterohelix striata*	*Globotruncana aegyptiaca*	*Globotruncanella havanensis*	*Pseudoguembelina costulata*	*Pseudotextularia elegans*	*Rugoglobigerina rotundata*	*Rugoglobigerina rugosa*	*Abathomphalus mayaroensis*	*Contusotruncana contusa*	*Globotruncanita stuarti*	*Globanomalina planocompressa*	*Heterohelix labellosa*	*Praemurica inconstans*	*Praemurica taurica*	*Eoglobigerina eobulloides*	*Parasubbotina pseudobulloides*	*Parasubbotina varianta*	*Praemurica uncinata*	*Globanomalina ehrenbergi*	*Morozovella praeangulata*	*Subbotina triloculinoides*	*Morozovella angulata*	*Morozovella conicotruncata*	*Globanomalina imitata*	*Igorina tadjikistanensis*	*Morozovella acuta*	*Morozovella velascoensis*
207-1261A-																																			
1R-CC, 12–17	3.85	PT1	Pleistocene	G	A																														
2R-1, 66–71	4.56	PT1	Pleistocene	G	A																														
3R-1, 49–52	13.69	PL3	late Pliocene	G	A																														
3R-CC, 18–23	14.77	PL3 and PL1	late Pliocene and Pleistocene	G	A																														
4R-CC, 15–20	72.91	PL3	late Pliocene	G	C																														
5R-CC, 8–13	139.50	PL2	early Pliocene	G	C																														
6R-1, 50–54	189.60	PL2	early Pliocene	G	A																														
6R-2, 50–54	191.10	PL2	early Pliocene	G	A																														
6R-CC, 0–8	198.12	PL2	early Pliocene	G	F																														
7R-1, 50–54	237.40	M14–PL2	late Miocene–early Pliocene	M	F																														
7R-2, 50–54	238.90	M14	late Miocene	G	C																														
7R-3, 50–54	240.40	M14	late Miocene	G	C																														
7R-6, 50–54	244.90	M14	late Miocene	G	C																														
7R-CC, 25–30	246.03	M14	late Miocene	G	F																														
8R-2, 50–54	248.50	M14	late Miocene	G	C																														
8R-3, 50–54	250.00	M14	late Miocene	G	C																														
8R-4, 50–54	251.50	M14	late Miocene	G	C																														
8R-CC, 0–5	255.72	M14–M13b	late Miocene	G	F																														
9R-1, 50–54	256.70	M14	late Miocene	G	C																														
9R-2, 50–54	258.20	M14	late Miocene	G	C																														
9R-6, 50–54	264.20	M14	late Miocene	M	C																														
9R-CC, 21–28	264.74	M13b	late Miocene	M	R																														
10R-CC, 14–19	274.03	M13b	late Miocene	G	F																														
11R-CC, 0–5	284.91	M13b	late Miocene	G	A																														
12R-CC, 12–19	293.19	M13b	late Miocene	M	A																														
13R-6, 135–140	303.55	M13b	late Miocene	M	C																														
14R-5, 35–36	310.75	M13b and M4	late Miocene and early Miocene	G	C																														
14R-5, 42–43	310.82	M9	middle Miocene	G	A																														
14R-5, 131–133	311.71	M4	early Miocene	G	A																														
14R-7, 41–47	313.31	M13b	late Miocene	G	A																														
15R-CC, 0–5	323.00	M8–M9	middle Miocene	M	C																														
16R-6, 48–51	331.58	M8	middle Miocene	M	A																														
17R-1, 129–131	334.59	M8	middle Miocene	G	A																														
17R-6, 0–1	340.80	M13b	late Miocene	M	C																														
17R-6, 123–127	342.03	M11	middle Miocene	G	A																														
17R-7, 17–20	342.47	M13	late Miocene	G	A																														
17R-CC, 0–5	343.09	M13b and M9	late Miocene and middle Miocene	G	A																														
18R-2, 24–26	344.64	M11, M8, M5	middle Miocene	G	A																														

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Subbotina velascoensis*	*Igorina albeari*	*Subbotina triangularis*	*Igorina pusilla*	*Morozovella apanthesma*	*Acarinina subsphaerica*	*Morozovella acutispira*	*Acarinina nitida*	*Acarinina soldadoensis*	*Morozovella aequa*	*Globanomalina pseudomenardii*	*Morozovella occlusa*	*Globanomalina* sp. 1	*Acarinina coalingensis*	*Morozovella subbotinae*	*Acarinina quetra*	*Morozovella marginodentata*	*Acarinina wilcoxensis*	*Morozovella aragonensis*	*Morozovella formosa*	*Morozovella lensiformis*	*Acarinina aspensis*	*Acarinina pentacamerata*	*Acarinina bullbrooki*	*Muricoglobigerina senni*	*Acarinina praetopilensis*	*Acarinina rohri*	*Subbotina boweri*	*Turborotalia griffinae*	*Guembelitrioides higginsi*
207-1261A-																																		
1R-CC, 12–17	3.85	PT1	Pleistocene	G	A																													
2R-1, 66–71	4.56	PT1	Pleistocene	G	A																													
3R-1, 49–52	13.69	PL3	late Pliocene	G	A																													
3R-CC, 18–23	14.77	PL3 and PL1	late Pliocene and Pleistocene	G	A																													
4R-CC, 15–20	72.91	PL3	late Pliocene	G	C																													
5R-CC, 8–13	139.50	PL2	early Pliocene	G	C																													
6R-1, 50–54	189.60	PL2	early Pliocene	G	A																													
6R-2, 50–54	191.10	PL2	early Pliocene	G	A																													
6R-CC, 0–8	198.12	PL2	early Pliocene	G	F																													
7R-1, 50–54	237.40	M14–PL2	late Miocene–early Pliocene	M	F																													
7R-2, 50–54	238.90	M14	late Miocene	G	C																													
7R-3, 50–54	240.40	M14	late Miocene	G	C																													
7R-6, 50–54	244.90	M14	late Miocene	G	C																													
7R-CC, 25–30	246.03	M14	late Miocene	G	F																													
8R-2, 50–54	248.50	M14	late Miocene	G	C																													
8R-3, 50–54	250.00	M14	late Miocene	G	C																													
8R-4, 50–54	251.50	M14	late Miocene	G	C																													
8R-CC, 0–5	255.72	M14–M13b	late Miocene	G	F																													
9R-1, 50–54	256.70	M14	late Miocene	G	C																													
9R-2, 50–54	258.20	M14	late Miocene	G	C																													
9R-6, 50–54	264.20	M14	late Miocene	M	C																													
9R-CC, 21–28	264.74	M13b	late Miocene	M	R																													
10R-CC, 14–19	274.03	M13b	late Miocene	G	F																													
11R-CC, 0–5	284.91	M13b	late Miocene	G	A																													
12R-CC, 12–19	293.19	M13b	late Miocene	M	A																													
13R-6, 135–140	303.55	M13b	late Miocene	M	C																													
14R-5, 35–36	310.75	M13b and M4	late Miocene and early Miocene	G	C																													
14R-5, 42–43	310.82	M9	middle Miocene	G	A																													
14R-5, 131–133	311.71	M4	early Miocene	G	A																													
14R-7, 41–47	313.31	M13b	late Miocene	G	A																													
15R-CC, 0–5	323.00	M8–M9	middle Miocene	M	C																													
16R-6, 48–51	331.58	M8	middle Miocene	M	A																													
17R-1, 129–131	334.59	M8	middle Miocene	G	A																													
17R-6, 0–1	340.80	M13b	late Miocene	M	C																													
17R-6, 123–127	342.03	M11	middle Miocene	G	A																													
17R-7, 17–20	342.47	M13	late Miocene	G	A																													
17R-CC, 0–5	343.09	M13b and M9	late Miocene and middle Miocene	G	A																													
18R-2, 24–26	344.64	M11, M8, M5	middle Miocene	G	A																													

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Igorina broedermanni*	*Morozovella spinulosa*	*Turborotalia possagnoensis*	*Globigerinatheka index*	*Globigerinatheka mexicana*	*Morozovella lehneri*	*Acarinina topilensis*	*Turborotalia pomeroli*	*Globigerinatheka rubriformis*	*Orbulinoides beckmanni*	*Acarinina collactea*	*Planorotalites renzi*	*Pseudohastigerina wilcoxensis*	*Turborotalia cerroazulensis*	*Acarinina primitiva*	*Morozovella crassata*	*Globigerina nepenthes*	*Globigerinoides extremus*	*Globigerinoides sacculifer*	*Dentoglobigerina altispira altispira*	*Globorotalia fohsi fohsi*	*Globorotalia menardii*	*Globorotalia plesiotumida*	*Globorotalia scitula*	*Orbulina universa*	*Sphaeroidinellopsis kochi*	*Sphaeroidinellopsis seminulina*	*Globoquadrina venezuelana*	*Globigerinoides sicanus*	*Globoquadrina dehiscens*
207-1261A-																																		
1R-CC, 12–17	3.85	PT1	Pleistocene	G	A																			P			P							
2R-1, 66–71	4.56	PT1	Pleistocene	G	A																			P			P							
3R-1, 49–52	13.69	PL3	late Pliocene	G	A																		P	P	P		P		P	P		P		
3R-CC, 18–23	14.77	PL3 and PL1	late Pliocene and Pleistocene	G	A																				P	P						P		
4R-CC, 15–20	72.91	PL3	late Pliocene	G	C																				P	P				P		P		
5R-CC, 8–13	139.50	PL2	early Pliocene	G	C																		P	P	P					P	P	P		
6R-1, 50–54	189.60	PL2	early Pliocene	G	A																		P	P	P		P	P		P		P		
6R-2, 50–54	191.10	PL2	early Pliocene	G	A																		P	P	P			P		P	P	P		P
6R-CC, 0–8	198.12	PL2	early Pliocene	G	F																				P			P				P		
7R-1, 50–54	237.40	M14–PL2	late Miocene–early Pliocene	M	F																				P					P		P		P
7R-2, 50–54	238.90	M14	late Miocene	G	C																	P	P		P		P			P		P		
7R-3, 50–54	240.40	M14	late Miocene	G	C																	P	P	P	P		P			P		P		P
7R-6, 50–54	244.90	M14	late Miocene	G	C																		P	P	P		P							
7R-CC, 25–30	246.03	M14	late Miocene	G	F																	P			P							P		
8R-2, 50–54	248.50	M14	late Miocene	G	C																	P	P				P	P						
8R-3, 50–54	250.00	M14	late Miocene	G	C																	P			P		P					P		
8R-4, 50–54	251.50	M14	late Miocene	G	C																	P			P					P				P
8R-CC, 0–5	255.72	M14–M13b	late Miocene	G	F																	P							P					
9R-1, 50–54	256.70	M14	late Miocene	G	C																	P	P	P	P		P							P
9R-2, 50–54	258.20	M14	late Miocene	G	C																	P	P	P	P		P					P		
9R-6, 50–54	264.20	M14	late Miocene	M	C																		P	P	P		P		P	P		P		
9R-CC, 21–28	264.74	M13b	late Miocene	M	R																	P	P				P	P		P		P		
10R-CC, 14–19	274.03	M13b	late Miocene	G	F																		P		P							P		
11R-CC, 0–5	284.91	M13b	late Miocene	G	A																		P		P		P	P		P		P		
12R-CC, 12–19	293.19	M13b	late Miocene	M	A																	P	P	P	P		P	P				P		
13R-6, 135–140	303.55	M13b	late Miocene	M	C																	P	P				P							
14R-5, 35–36	310.75	M13b and M4	late Miocene and early Miocene	G	C																	P	P	P	P		P	P		P		P		P
14R-5, 42–43	310.82	M9	middle Miocene	G	A																			P	P					P	P			P
14R-5, 131–133	311.71	M4	early Miocene	G	A																			P	P									
14R-7, 41–47	313.31	M13b	late Miocene	G	A																		P	P	P		P	P		P	P	P		
15R-CC, 0–5	323.00	M8–M9	middle Miocene	M	C																			P	P	P				P				
16R-6, 48–51	331.58	M8	middle Miocene	M	A																			P	P									P
17R-1, 129–131	334.59	M8	middle Miocene	G	A																				P	P				P			P	
17R-6, 0–1	340.80	M13b	late Miocene	M	C																		P	P	P		P	P		P	P	P		
17R-6, 123–127	342.03	M11	middle Miocene	G	A																	P		P	P		P	P			P			
17R-7, 17–20	342.47	M13	late Miocene	G	A																	P		P			P	P		P		P		P
17R-CC, 0–5	343.09	M13b and M9	late Miocene and middle Miocene	G	A																		P	P	P		P	P		P		P		P
18R-2, 24–26	344.64	M11, M8, M5	middle Miocene	G	A																	P			P	P	P			P				

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Paragloborotalia mayeri*	*Globigerinoides immaturus*	*Globigerinoides obliquus*	*Globoquadrina baroemoenensis*	*Orbulina bilobata*	*Globigerinoides bispherícus*	*Globigerinoides mitrus*	*Globigerinoides subquadratus*	*Globorotalia peripheroronda*	*Globigerinoides ruber*	*Globorotalia lenguaensis*	*Globorotalia limbata*	*Globorotalia merotumida*	*Praeorbulina glomerosa*	*Globigerinella siphonifera*	*Globorotalia miotumida*	*Globorotalia praefohsi*	*Globorotalia praemenardii*	*Praeorbulina curva*	*Globorotalia fohsi lobata*	*Globorotaloides suteri*	*Globigerina venezuelana*	*Globigerinella praesiphonifera*	*Paragloborotalia siakensis*	*Globorotalia paralenguaensis*	*Globorotalia peripheroacuta*	*Globigerina falconensis*	*Globigerinatella insueta*	*Globorotalia fohsi robusta*	*Neogloboquadrina dutertrei*
207-1261A-																																			
1R-CC, 12–17	3.85	PT1	Pleistocene	G	A										P																				
2R-1, 66–71	4.56	PT1	Pleistocene	G	A										P																				
3R-1, 49–52	13.69	PL3	late Pliocene	G	A										P		P																		P
3R-CC, 18–23	14.77	PL3 and PL1	late Pliocene and Pleistocene	G	A										P																				P
4R-CC, 15–20	72.91	PL3	late Pliocene	G	C																														P
5R-CC, 8–13	139.50	PL2	early Pliocene	G	C																														
6R-1, 50–54	189.60	PL2	early Pliocene	G	A					P							P																		
6R-2, 50–54	191.10	PL2	early Pliocene	G	A										P		P																		
6R-CC, 0–8	198.12	PL2	early Pliocene	G	F																														P
7R-1, 50–54	237.40	M14–PL2	late Miocene–early Pliocene	M	F																														
7R-2, 50–54	238.90	M14	late Miocene	G	C												P																		
7R-3, 50–54	240.40	M14	late Miocene	G	C																														
7R-6, 50–54	244.90	M14	late Miocene	G	C												P																		
7R-CC, 25–30	246.03	M14	late Miocene	G	F												P																		
8R-2, 50–54	248.50	M14	late Miocene	G	C																														
8R-3, 50–54	250.00	M14	late Miocene	G	C												P																		
8R-4, 50–54	251.50	M14	late Miocene	G	C																														
8R-CC, 0–5	255.72	M14–M13b	late Miocene	G	F												P																		
9R-1, 50–54	256.70	M14	late Miocene	G	C												P																		
9R-2, 50–54	258.20	M14	late Miocene	G	C																														
9R-6, 50–54	264.20	M14	late Miocene	M	C																														
9R-CC, 21–28	264.74	M13b	late Miocene	M	R											P	P																		
10R-CC, 14–19	274.03	M13b	late Miocene	G	F			P									P																		
11R-CC, 0–5	284.91	M13b	late Miocene	G	A			P									P																		
12R-CC, 12–19	293.19	M13b	late Miocene	M	A			P																											
13R-6, 135–140	303.55	M13b	late Miocene	M	C			P									P	P																	
14R-5, 35–36	310.75	M13b and M4	late Miocene and early Miocene	G	C	P	P	P	P		P		P			P	P																		P
14R-5, 42–43	310.82	M9	middle Miocene	G	A	P		P						P			P																		
14R-5, 131–133	311.71	M4	early Miocene	G	A			P			P				P												P								
14R-7, 41–47	313.31	M13b	late Miocene	G	A			P									P																		
15R-CC, 0–5	323.00	M8–M9	middle Miocene	M	C	P		P	P						P										P						P				
16R-6, 48–51	331.58	M8	middle Miocene	M	A	P		P	P						P															P					
17R-1, 129–131	334.59	M8	middle Miocene	G	A		P					P	P									P	P					P							
17R-6, 0–1	340.80	M13b	late Miocene	M	C												P																		
17R-6, 123–127	342.03	M11	middle Miocene	G	A	P		P																			P	P							
17R-7, 17–20	342.47	M13	late Miocene	G	A																					P									
17R-CC, 0–5	343.09	M13b and M9	late Miocene and middle Miocene	G	A	P		P	P						P		P								P										
18R-2, 24–26	344.64	M11, M8, M5	middle Miocene	G	A	P					P											P	P	P											

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Globigerinoides conglobatus*	*Sphaeroidinellopsis subdehiscens*	*Globorotalia multicamerata*	*Globorotalia cibaoensis*	*Clavatorella bermudezi*	*Globorotalia tumida*	*Globorotalia margaritae*	*Globorotalia juanai*	*Neogloboquadrina acostaensis*	*Candeina nitida*	*Globorotalia miocenica*	*Hastigerina siphonifera*	*Globigerinoides fistulosus*	*Globorotalia crassaformis*	*Globorotalia truncatulinoides*	*Sphaeroidinella dehiscens*	*Globorotalia ronda*	*Pulleniatina obliquiloculata*	*Globigerinella aequilateralis*	*Globigerinoides ruber* (pink)
207-1261A-																									
1R-CC, 12–17	3.85	PT1	Pleistocene	G	A															P				P	P
2R-1, 66–71	4.56	PT1	Pleistocene	G	A	P														P	P	P	P		
3R-1, 49–52	13.69	PL3	late Pliocene	G	A	P		P			P					P		P	P		P	P			
3R-CC, 18–23	14.77	PL3 and PL1	late Pliocene and Pleistocene	G	A	P		P												P	P				
4R-CC, 15–20	72.91	PL3	late Pliocene	G	C			P										P	P						
5R-CC, 8–13	139.50	PL2	early Pliocene	G	C	P		P			P	P			P	P	P									
6R-1, 50–54	189.60	PL2	early Pliocene	G	A	P		P				P													
6R-2, 50–54	191.10	PL2	early Pliocene	G	A		P	P			P	P													
6R-CC, 0–8	198.12	PL2	early Pliocene	G	F			P																	
7R-1, 50–54	237.40	M14–PL2	late Miocene–early Pliocene	M	F							P													
7R-2, 50–54	238.90	M14	late Miocene	G	C	P					P	P													
7R-3, 50–54	240.40	M14	late Miocene	G	C				P		P	P													
7R-6, 50–54	244.90	M14	late Miocene	G	C				P				P	P											
7R-CC, 25–30	246.03	M14	late Miocene	G	F							P													
8R-2, 50–54	248.50	M14	late Miocene	G	C																				
8R-3, 50–54	250.00	M14	late Miocene	G	C																				
8R-4, 50–54	251.50	M14	late Miocene	G	C				P				P												
8R-CC, 0–5	255.72	M14–M13b	late Miocene	G	F							P													
9R-1, 50–54	256.70	M14	late Miocene	G	C				P		P														
9R-2, 50–54	258.20	M14	late Miocene	G	C				P	P	P														
9R-6, 50–54	264.20	M14	late Miocene	M	C				P																
9R-CC, 21–28	264.74	M13b	late Miocene	M	R																				
10R-CC, 14–19	274.03	M13b	late Miocene	G	F			P																	
11R-CC, 0–5	284.91	M13b	late Miocene	G	A																				
12R-CC, 12–19	293.19	M13b	late Miocene	M	A	P																			
13R-6, 135–140	303.55	M13b	late Miocene	M	C	P	P																		
14R-5, 35–36	310.75	M13b and M4	late Miocene and early Miocene	G	C																				
14R-5, 42–43	310.82	M9	middle Miocene	G	A																				
14R-5, 131–133	311.71	M4	early Miocene	G	A																				
14R-7, 41–47	313.31	M13b	late Miocene	G	A																				
15R-CC, 0–5	323.00	M8–M9	middle Miocene	M	C																				
16R-6, 48–51	331.58	M8	middle Miocene	M	A																				
17R-1, 129–131	334.59	M8	middle Miocene	G	A																				
17R-6, 0–1	340.80	M13b	late Miocene	M	C																				
17R-6, 123–127	342.03	M11	middle Miocene	G	A																				
17R-7, 17–20	342.47	M13	late Miocene	G	A																				
17R-CC, 0–5	343.09	M13b and M9	late Miocene and middle Miocene	G	A																				
18R-2, 24–26	344.64	M11, M8, M5	middle Miocene	G	A																				

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Clavihedbergella simplex*	*Globigerinelloides bentonensis*	*Hedbergella delrioensis*	*Heterohelix globulosa*	*Whiteinella baltica*	*Globigerinelloides caseyi*	*Globigerinelloides* sp. 1	*Hedbergella angolae*	*Heterohelix moremani*	*Praeglobotruncana gibba*	*Rotalipora greenhornensis*	*Whiteinella* cf. *bornholmensis*	*Hastigerinoides subdigitata*	*Whiteinella archaeocretacea*	*Whiteinella inornata*	*Hastigerinoides watersi*	*Whiteinella brittonensis*	*Dicarinella hagni*	*Hastigerinoides alexanderi*	*Clavihedbergella amabilis*	*Marginotruncana sinuosa*	*Marginotruncana pseudolinneiana*	*Dicarinella imbricata*	*Dicarinella primitiva*	*Dicarinella* sp. 1	*Archaeoglobigerina blowi*	*Globigerinelloides prairiehillensis*	*Marginotruncana renzi*	*Contusotruncana fornicata*	*Dicarinella concavata*
18R-2, 27–30	344.67	M13b, M4, M11	early, middle, late Miocene	G	F																													
18R-2, 134–136	345.74	M13b	late Miocene	G	C																													
18R-CC, 5–9	351.65	M13b	late Miocene	M	C																													
19R-6, 53–59	360.33	M13b and M5b	late Miocene and middle Miocene	M	A																													
19R-7, 23–27	361.53	M13b	late Miocene	M	A																													
19R-CC, 9–14	362.15	M13b	late Miocene	P	C																													
20R-4, 97–100	367.57	M5a	middle Miocene	M	A																													
20R-4, 113–116	367.73	M13b	late Miocene	M	A																													
20R-4, 131–133	367.91	M13b, M8/9, M5	late Miocene and middle Miocene	M	A																													
20R-5, 20–22	368.30	M13b and M8/9	late Miocene and middle Miocene	M	A																													
20R-5, 116–119	369.26	M13b and M8/9	late Miocene and middle Miocene	M	A																													
20R-5, 120–122	369.30	P14	middle Eocene	P	C																													
20R-CC, 11–16	371.64	P14/P13	middle Eocene	P	F																													
21R-2, 84–86	374.12	P13	middle Eocene	P	C																													
21R-CC, 23–29	375.50	P14/P13	middle Eocene	P	R																													
22R-3, 65–70	385.05	P12–P14	middle Eocene	P	R																													
23R-CC, 21–25	400.93	P10–P14	middle Eocene	P	R																													
24R-CC, 4–9	406.97	Not defined	No age assignment	P	R																													
25R-5, 95–100	417.09	P11–P14	middle Eocene	P	R																													
26R-CC, 0–5	425.53	P10–P11	middle Eocene	P	R																													
27R-CC, 0–6	433.38	P10–P11	middle Eocene	P	F																													
28R-CC, 17–22	448.94	P10–P11	middle Eocene	P	C																													
29R-CC, 9–14	454.19	P10–P11	middle Eocene	P	F																													
30R-2, 145–150	461.11	P9–P10	early to middle Eocene	P	F																													
31R-1, 56–58	468.16	P7	early Eocene	M	A																													
32R-CC, 19–24	487.14	P5	late Paleocene	P	C																													
33R-CC, 0–5	492.69	P5	late Paleocene	P	C																													
34R-CC, 0–5	502.29	P5	late Paleocene	P	C																													
35R-1, 50–54	506.60	P4	late Paleocene	P	F																													
35R-2, 50–54	508.10	P4	late Paleocene	P	F																													
35R-3, 50–54	509.60	P4	late Paleocene	M	F																													
35R-5, 50–54	512.60	P4	late Paleocene	P	A																													
35R-CC, 0–5	513.30	P4	late Paleocene	M	A																													
36R-4, 50–54	520.74	P4	late Paleocene	M	A																													
36R-5, 50–54	522.24	P4	late Paleocene	M	A																													
36R-6, 50–54	523.74	P3b	late Paleocene	M	A																													
36R-6, 120–121	524.44	P3b	late Paleocene	G	A																													
37R-1, 50–54	525.80	P3b	late Paleocene	P	C																													
37R-2, 50–54	527.30	P3	late Paleocene	P	F																													

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Marginotruncana coronata*	*Archaeoglobigerina cretacea*	*Dicarinella canaliculata*	*Heterohelix striata*	*Globotruncana aegyptiaca*	*Globotruncanella havanensis*	*Pseudoguembelina costulata*	*Pseudotextularia elegans*	*Rugoglobigerina rotundata*	*Rugoglobigerina rugosa*	*Abathomphalus mayaroensis*	*Contusotruncana contusa*	*Globotruncanita stuarti*	*Globanomalina planocompressa*	*Heterohelix labellosa*	*Praemurica inconstans*	*Praemurica taurica*	*Eoglobigerina eobulloides*	*Parasubbotina pseudobulloides*	*Parasubbotina varianta*	*Praemurica uncinata*	*Globanomalina ehrenbergi*	*Morozovella praeangulata*	*Subbotina triloculinoides*	*Morozovella angulata*	*Morozovella conicotruncata*	*Globanomalina imitata*	*Igorina tadjikistanensis*	*Morozovella acuta*	*Morozovella velascoensis*
18R-2, 27–30	344.67	M13b, M4, M11	early, middle, late Miocene	G	F																														
18R-2, 134–136	345.74	M13b	late Miocene	G	C																														
18R-CC, 5–9	351.65	M13b	late Miocene	M	C																														
19R-6, 53–59	360.33	M13b and M5b	late Miocene and middle Miocene	M	A																														
19R-7, 23–27	361.53	M13b	late Miocene	M	A																														
19R-CC, 9–14	362.15	M13b	late Miocene	P	C																														
20R-4, 97–100	367.57	M5a	middle Miocene	M	A																														
20R-4, 113–116	367.73	M13b	late Miocene	M	A																														
20R-4, 131–133	367.91	M13b, M8/9, M5	late Miocene and middle Miocene	M	A																														
20R-5, 20–22	368.30	M13b and M8/9	late Miocene and middle Miocene	M	A																														
20R-5, 116–119	369.26	M13b and M8/9	late Miocene and middle Miocene	M	A																														
20R-5, 120–122	369.30	P14	middle Eocene	P	C																														
20R-CC, 11–16	371.64	P14/P13	middle Eocene	P	F																														
21R-2, 84–86	374.12	P13	middle Eocene	P	C																														
21R-CC, 23–29	375.50	P14/P13	middle Eocene	P	R																														
22R-3, 65–70	385.05	P12–P14	middle Eocene	P	R																														
23R-CC, 21–25	400.93	P10–P14	middle Eocene	P	R																														
24R-CC, 4–9	406.97	Not defined	No age assignment	P	R																														
25R-5, 95–100	417.09	P11–P14	middle Eocene	P	R																														
26R-CC, 0–5	425.53	P10–P11	middle Eocene	P	R																														
27R-CC, 0–6	433.38	P10–P11	middle Eocene	P	F																														
28R-CC, 17–22	448.94	P10–P11	middle Eocene	P	C																														
29R-CC, 9–14	454.19	P10–P11	middle Eocene	P	F																														
30R-2, 145–150	461.11	P9–P10	early to middle Eocene	P	F																														
31R-1, 56–58	468.16	P7	early Eocene	M	A																														
32R-CC, 19–24	487.14	P5	late Paleocene	P	C																														P
33R-CC, 0–5	492.69	P5	late Paleocene	P	C																														P
34R-CC, 0–5	502.29	P5	late Paleocene	P	C																													P	
35R-1, 50–54	506.60	P4	late Paleocene	P	F																														P
35R-2, 50–54	508.10	P4	late Paleocene	P	F																								P						P
35R-3, 50–54	509.60	P4	late Paleocene	M	F																									P					P
35R-5, 50–54	512.60	P4	late Paleocene	P	A																								P	P					P
35R-CC, 0–5	513.30	P4	late Paleocene	M	A																								P					P	P
36R-4, 50–54	520.74	P4	late Paleocene	M	A																								P						P
36R-5, 50–54	522.24	P4	late Paleocene	M	A																												P		P
36R-6, 50–54	523.74	P3b	late Paleocene	M	A																								P				P		P
36R-6, 120–121	524.44	P3b	late Paleocene	G	A																				P					P		P	P	P	P
37R-1, 50–54	525.80	P3b	late Paleocene	P	C																									P		P		P	P	P
37R-2, 50–54	527.30	P3	late Paleocene	P	F																						P		P	P	P	P			

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Subbotina velascoensis*	*Igorina albeari*	*Subbotina triangularis*	*Igorina pusilla*	*Morozovella apanthesma*	*Acarinina subsphaerica*	*Morozovella acutispira*	*Acarinina nitida*	*Acarinina soldadoensis*	*Morozovella aequa*	*Globanomalina pseudomenardii*	*Morozovella occlusa*	*Globanomalina* sp. 1	*Acarinina coalingensis*	*Morozovella subbotinae*	*Acarinina quetra*	*Morozovella marginodentata*	*Acarinina wilcoxensis*	*Morozovella aragonensis*	*Morozovella formosa*	*Morozovella lensiformis*	*Acarinina aspensis*	*Acarinina pentacamerata*	*Acarinina bullbrooki*	*Muricoglobigerina senni*	*Acarinina praetopilensis*	*Acarinina rohri*	*Subbotina boweri*	*Turborotalia griffinae*	*Guembelitrioides higginsi*
18R-2, 27–30	344.67	M13b, M4, M11	early, middle, late Miocene	G	F																														
18R-2, 134–136	345.74	M13b	late Miocene	G	C																														
18R-CC, 5–9	351.65	M13b	late Miocene	M	C																														
19R-6, 53–59	360.33	M13b and M5b	late Miocene and middle Miocene	M	A																														
19R-7, 23–27	361.53	M13b	late Miocene	M	A																														
19R-CC, 9–14	362.15	M13b	late Miocene	P	C																														
20R-4, 97–100	367.57	M5a	middle Miocene	M	A																														
20R-4, 113–116	367.73	M13b	late Miocene	M	A																														
20R-4, 131–133	367.91	M13b, M8/9, M5	late Miocene and middle Miocene	M	A																														
20R-5, 20–22	368.30	M13b and M8/9	late Miocene and middle Miocene	M	A																														
20R-5, 116–119	369.26	M13b and M8/9	late Miocene and middle Miocene	M	A																														
20R-5, 120–122	369.30	P14	middle Eocene	P	C																											P		P	
20R-CC, 11–16	371.64	P14/P13	middle Eocene	P	F																									P		P			
21R-2, 84–86	374.12	P13	middle Eocene	P	C																											P		P	
21R-CC, 23–29	375.50	P14/P13	middle Eocene	P	R																									P		P			
22R-3, 65–70	385.05	P12–P14	middle Eocene	P	R																									P		P			
23R-CC, 21–25	400.93	P10–P14	middle Eocene	P	R																								P	P		P			
24R-CC, 4–9	406.97	Not defined	No age assignment	P	R																									P					
25R-5, 95–100	417.09	P11–P14	middle Eocene	P	R																														
26R-CC, 0–5	425.53	P10–P11	middle Eocene	P	R									P										P					P	P		P			
27R-CC, 0–6	433.38	P10–P11	middle Eocene	P	F																			P					P	P	P	P			P
28R-CC, 17–22	448.94	P10–P11	middle Eocene	P	C									P										P					P		P	P	P		
29R-CC, 9–14	454.19	P10–P11	middle Eocene	P	F																								P	P					
30R-2, 145–150	461.11	P9–P10	early to middle Eocene	P	F																			P			P	P							
31R-1, 56–58	468.16	P7	early Eocene	M	A									P					P	P	P		P	P	P	P									
32R-CC, 19–24	487.14	P5	late Paleocene	P	C			P											P	P	P	P													
33R-CC, 0–5	492.69	P5	late Paleocene	P	C									P	P		P		P	P															
34R-CC, 0–5	502.29	P5	late Paleocene	P	C	P		P							P		P																		
35R-1, 50–54	506.60	P4	late Paleocene	P	F	P	P							P				P																	
35R-2, 50–54	508.10	P4	late Paleocene	P	F								P					P																	
35R-3, 50–54	509.60	P4	late Paleocene	M	F					P			P	P																					
35R-5, 50–54	512.60	P4	late Paleocene	P	A	P				P			P	P		P																			
35R-CC, 0–5	513.30	P4	late Paleocene	M	A	P				P			P	P		P	P																		
36R-4, 50–54	520.74	P4	late Paleocene	M	A	P	P	P					P	P	P																				
36R-5, 50–54	522.24	P4	late Paleocene	M	A	P	P	P		P	P	P																							
36R-6, 50–54	523.74	P3b	late Paleocene	M	A	P			P	P																									
36R-6, 120–121	524.44	P3b	late Paleocene	G	A	P	P	P																											
37R-1, 50–54	525.80	P3b	late Paleocene	P	C	P																													
37R-2, 50–54	527.30	P3	late Paleocene	P	F																														

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Igorina broedermanni*	*Morozovella spinulosa*	*Turborotalia possagnoensis*	*Globigerinatheka index*	*Globigerinatheka mexicana*	*Morozovella lehneri*	*Acarinina topilensis*	*Turborotalia pomeroli*	*Globigerinatheka rubriformis*	*Orbulinoides beckmanni*	*Acarinina collactea*	*Planorotalites renzi*	*Pseudohastigerina wilcoxensis*	*Turborotalia cerroazulensis*	*Acarinina primitiva*	*Morozovella crassata*	*Globigerina nepenthes*	*Globigerinoides extremus*	*Globigerinoides sacculifer*	*Dentoglobigerina altispira altispira*	*Globorotalia fohsi fohsi*	*Globorotalia menardii*	*Globorotalia plesiotumida*	*Globorotalia scitula*	*Orbulina universa*	*Sphaeroidinellopsis kochi*	*Sphaeroidinellopsis seminulina*	*Globoquadrina venezuelana*	*Globigerinoides sicanus*	*Globoquadrina dehiscens*
18R-2, 27–30	344.67	M13b, M4, M11	early, middle, late Miocene	G	F																	P		P						P	P			P
18R-2, 134–136	345.74	M13b	late Miocene	G	C																	P	P	P	P		P	P	P	P	P	P			
18R-CC, 5–9	351.65	M13b	late Miocene	M	C																		P	P	P		P	P		P	P	P			P
19R-6, 53–59	360.33	M13b and M5b	late Miocene and middle Miocene	M	A																	P			P		P	P		P	P	P			
19R-7, 23–27	361.53	M13b	late Miocene	M	A																	P		P	P		P	P		P	P	P			
19R-CC, 9–14	362.15	M13b	late Miocene	P	C																	P	P		P		P	P		P	P	P			P
20R-4, 97–100	367.57	M5a	middle Miocene	M	A																				P								P	P	
20R-4, 113–116	367.73	M13b	late Miocene	M	A																				P		P	P		P	P	P			
20R-4, 131–133	367.91	M13b, M8/9, M5	late Miocene and middle Miocene	M	A																		P	P	P	P	P			P	P		P		P
20R-5, 20–22	368.30	M13b and M8/9	late Miocene and middle Miocene	M	A																	P	P	P	P	P	P			P	P	P	P		
20R-5, 116–119	369.26	M13b and M8/9	late Miocene and middle Miocene	M	A																	P	P	P	P	P	P	P	P	P	P	P			
20R-5, 120–122	369.30	P14	middle Eocene	P	C		P		P	P			P	P						P	P													
20R-CC, 11–16	371.64	P14/P13	middle Eocene	P	F		P		P	P			P			P	P	P	P															
21R-2, 84–86	374.12	P13	middle Eocene	P	C								P	P	P																			
21R-CC, 23–29	375.50	P14/P13	middle Eocene	P	R		P		P	P			P																					
22R-3, 65–70	385.05	P12–P14	middle Eocene	P	R							P																						
23R-CC, 21–25	400.93	P10–P14	middle Eocene	P	R						P																							
24R-CC, 4–9	406.97	Not defined	No age assignment	P	R	P																												
25R-5, 95–100	417.09	P11–P14	middle Eocene	P	R	P				P																								
26R-CC, 0–5	425.53	P10–P11	middle Eocene	P	R	P			P																									
27R-CC, 0–6	433.38	P10–P11	middle Eocene	P	F	P	P	P																										
28R-CC, 17–22	448.94	P10–P11	middle Eocene	P	C																													
29R-CC, 9–14	454.19	P10–P11	middle Eocene	P	F																													
30R-2, 145–150	461.11	P9–P10	early to middle Eocene	P	F																													
31R-1, 56–58	468.16	P7	early Eocene	M	A																													
32R-CC, 19–24	487.14	P5	late Paleocene	P	C																													
33R-CC, 0–5	492.69	P5	late Paleocene	P	C																													
34R-CC, 0–5	502.29	P5	late Paleocene	P	C																													
35R-1, 50–54	506.60	P4	late Paleocene	P	F																													
35R-2, 50–54	508.10	P4	late Paleocene	P	F																													
35R-3, 50–54	509.60	P4	late Paleocene	M	F																													
35R-5, 50–54	512.60	P4	late Paleocene	P	A																													
35R-CC, 0–5	513.30	P4	late Paleocene	M	A																													
36R-4, 50–54	520.74	P4	late Paleocene	M	A																													
36R-5, 50–54	522.24	P4	late Paleocene	M	A																													
36R-6, 50–54	523.74	P3b	late Paleocene	M	A																													
36R-6, 120–121	524.44	P3b	late Paleocene	G	A																													
37R-1, 50–54	525.80	P3b	late Paleocene	P	C																													
37R-2, 50–54	527.30	P3	late Paleocene	P	F																													

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Paragloborotalia mayeri*	*Globigerinoides immaturus*	*Globigerinoides obliquus*	*Globoquadrina baroemoenensis*	*Orbulina bilobata*	*Globigerinoides bisphericus*	*Globigerinoides mitrus*	*Globigerinoides subquadratus*	*Globorotalia peripheroronda*	*Globigerinoides ruber*	*Globorotalia lenguaensis*	*Globorotalia limbata*	*Globorotalia merotumida*	*Praeorbulina glomerosa*	*Globigerinella siphonifera*	*Globorotalia miotumida*	*Globorotalia praefohsi*	*Globorotalia praemenardii*	*Praeorbulina curva*	*Globorotalia fohsi lobata*	*Globoturoloides suteri*	*Globigerina venezuelana*	*Globigerinella praesiphonifera*	*Paragloborotalia siakensis*	*Globorotalia paralenguaensis*	*Globorotalia peripheroacuta*	*Globigerina falconensis*	*Globigerinatella insueta*	*Globorotalia fohsi robusta*	*Neogloboquadrina dutertrei*
18R-2, 27–30	344.67	M13b, M4, M11	early, middle, late Miocene	G	F	P					P				P		P			P	P														
18R-2, 134–136	345.74	M13b	late Miocene	G	C			P									P																		
18R-CC, 5–9	351.65	M13b	late Miocene	M	C	P			P						P		P																		
19R-6, 53–59	360.33	M13b and M5b	late Miocene and middle Miocene	M	A	P		P									P	P	P																
19R-7, 23–27	361.53	M13b	late Miocene	M	A		P	P																											
19R-CC, 9–14	362.15	M13b	late Miocene	P	C			P							P	P	P																		
20R-4, 97–100	367.57	M5a	middle Miocene	M	A	P		P	P		P	P	P	P																					
20R-4, 113–116	367.73	M13b	late Miocene	M	A		P	P	P	P																									
20R-4, 131–133	367.91	M13b, M8/9, M5	late Miocene and middle Miocene	M	A	P																													
20R-5, 20–22	368.30	M13b and M8/9	late Miocene and middle Miocene	M	A																														
20R-5, 116–119	369.26	M13b and M8/9	late Miocene and middle Miocene	M	A																														
20R-5, 120–122	369.30	P14	middle Eocene	P	C																														
20R-CC, 11–16	371.64	P14/P13	middle Eocene	P	F																														
21R-2, 84–86	374.12	P13	middle Eocene	P	C																														
21R-CC, 23–29	375.50	P14/P13	middle Eocene	P	R																														
22R-3, 65–70	385.05	P12–P14	middle Eocene	P	R																														
23R-CC, 21–25	400.93	P10–P14	middle Eocene	P	R																														
24R-CC, 4–9	406.97	Not defined	No age assignment	P	R																														
25R-5, 95–100	417.09	P11–P14	middle Eocene	P	R																														
26R-CC, 0–5	425.53	P10–P11	middle Eocene	P	R																														
27R-CC, 0–6	433.38	P10–P11	middle Eocene	P	F																														
28R-CC, 17–22	448.94	P10–P11	middle Eocene	P	C																														
29R-CC, 9–14	454.19	P10–P11	middle Eocene	P	F																														
30R-2, 145–150	461.11	P9–P10	early to middle Eocene	P	F																														
31R-1, 56–58	468.16	P7	early Eocene	M	A																														
32R-CC, 19–24	487.14	P5	late Paleocene	P	C																														
33R-CC, 0–5	492.69	P5	late Paleocene	P	C																														
34R-CC, 0–5	502.29	P5	late Paleocene	P	C																														
35R-1, 50–54	506.60	P4	late Paleocene	P	F																														
35R-2, 50–54	508.10	P4	late Paleocene	P	F																														
35R-3, 50–54	509.60	P4	late Paleocene	M	F																														
35R-5, 50–54	512.60	P4	late Paleocene	P	A																														
35R-CC, 0–5	513.30	P4	late Paleocene	M	A																														
36R-4, 50–54	520.74	P4	late Paleocene	M	A																														
36R-5, 50–54	522.24	P4	late Paleocene	M	A																														
36R-6, 50–54	523.74	P3b	late Paleocene	M	A																														
36R-6, 120–121	524.44	P3b	late Paleocene	G	A																														
37R-1, 50–54	525.80	P3b	late Paleocene	P	C																														
37R-2, 50–54	527.30	P3	late Paleocene	P	F																														

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Globigerinoides conglobatus*	*Sphaeroidinellopsis subdehiscens*	*Globorotalia multicamerata*	*Globorotalia cibaoensis*	*Clavatorella bermudezi*	*Globorotalia tumida*	*Globorotalia margaritae*	*Globorotalia juanai*	*Neogloboquadrina acostaensis*	*Candeina nitida*	*Globorotalia miocenica*	*Hastigerina siphonifera*	*Globigerinoides fistulosus*	*Globorotalia crassaformis*	*Globorotalia truncatulinoides*	*Sphaeroidinella dehiscens*	*Globorotalia ronda*	*Pulleniatina obliquiloculata*	*Globigerinella aequilateralis*	*Globigerinoides ruber* (pink)
18R-2, 27–30	344.67	M13b, M4, M11	early, middle, late Miocene	G	F																				
18R-2, 134–136	345.74	M13b	late Miocene	G	C																				
18R-CC, 5–9	351.65	M13b	late Miocene	M	C																				
19R-6, 53–59	360.33	M13b and M5b	late Miocene and middle Miocene	M	A																				
19R-7, 23–27	361.53	M13b	late Miocene	M	A																				
19R-CC, 9–14	362.15	M13b	late Miocene	P	C																				
20R-4, 97–100	367.57	M5a	middle Miocene	M	A																				
20R-4, 113–116	367.73	M13b	late Miocene	M	A																				
20R-4, 131–133	367.91	M13b, M8/9, M5	late Miocene and middle Miocene	M	A																				
20R-5, 20–22	368.30	M13b and M8/9	late Miocene and middle Miocene	M	A																				
20R-5, 116–119	369.26	M13b and M8/9	late Miocene and middle Miocene	M	A																				
20R-5, 120–122	369.30	P14	middle Eocene	P	C																				
20R-CC, 11–16	371.64	P14/P13	middle Eocene	P	F																				
21R-2, 84–86	374.12	P13	middle Eocene	P	C																				
21R-CC, 23–29	375.50	P14/P13	middle Eocene	P	R																				
22R-3, 65–70	385.05	P12–P14	middle Eocene	P	R																				
23R-CC, 21–25	400.93	P10–P14	middle Eocene	P	R																				
24R-CC, 4–9	406.97	Not defined	No age assignment	P	R																				
25R-5, 95–100	417.09	P11–P14	middle Eocene	P	R																				
26R-CC, 0–5	425.53	P10–P11	middle Eocene	P	R																				
27R-CC, 0–6	433.38	P10–P11	middle Eocene	P	F																				
28R-CC, 17–22	448.94	P10–P11	middle Eocene	P	C																				
29R-CC, 9–14	454.19	P10–P11	middle Eocene	P	F																				
30R-2, 145–150	461.11	P9–P10	early to middle Eocene	P	F																				
31R-1, 56–58	468.16	P7	early Eocene	M	A																				
32R-CC, 19–24	487.14	P5	late Paleocene	P	C																				
33R-CC, 0–5	492.69	P5	late Paleocene	P	C																				
34R-CC, 0–5	502.29	P5	late Paleocene	P	C																				
35R-1, 50–54	506.60	P4	late Paleocene	P	F																				
35R-2, 50–54	508.10	P4	late Paleocene	P	F																				
35R-3, 50–54	509.60	P4	late Paleocene	M	F																				
35R-5, 50–54	512.60	P4	late Paleocene	P	A																				
35R-CC, 0–5	513.30	P4	late Paleocene	M	A																				
36R-4, 50–54	520.74	P4	late Paleocene	M	A																				
36R-5, 50–54	522.24	P4	late Paleocene	M	A																				
36R-6, 50–54	523.74	P3b	late Paleocene	M	A																				
36R-6, 120–121	524.44	P3b	late Paleocene	G	A																				
37R-1, 50–54	525.80	P3b	late Paleocene	P	C																				
37R-2, 50–54	527.30	P3	late Paleocene	P	F																				

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Clavihedbergella simplex*	*Globigerinelloides bentonensis*	*Hedbergella delrioensis*	*Heterohelix globulosa*	*Whiteinella baltica*	*Globigerinelloides caseyi*	*Globigerinelloides* sp. 1	*Hedbergella angolae*	*Heterohelix moremani*	*Praeglobotruncana gibba*	*Rotalipora greenhornensis*	*Whiteinella* cf. *bornholmensis*	*Hastigerinoides subdigitata*	*Whiteinella archaeocretacea*	*Whiteinella inornata*	*Hastigerinoides watersi*	*Whiteinella brittonensis*	*Dicarinella hagni*	*Hastigerinoides alexanderi*	*Clavihedbergella amabilis*	*Marginotruncana sinuosa*	*Marginotruncana pseudolinneiana*	*Dicarinella imbricata*	*Dicarinella primitiva*	*Dicarinella* sp. 1	*Archaeoglobigerina blowi*	*Globigerinelloides prairiehillensis*	*Marginotruncana renzi*	*Contusotruncana fornicata*	*Dicarinella concavata*
37R-3, 50–54	528.80	P3	late Paleocene	P	F																														
37R-4, 50–54	530.30	P2	early Paleocene	P	F																														
37R-5, 50–54	531.80	P2	early Paleocene	P	F																														
37R-6, 50–54	533.30	P2	early Paleocene	M	C																														
37R-7, 52–55	534.82	P2	early Paleocene	M	C																														
37R-CC, 0–3	535.02	P1c	early Paleocene	M	A																														
37R-CC, 24–29	535.26	Not defined	Maastrichtian	P	C																														
38R-CC, 0–5	535.00	KS31	Maastrichtian	P	C																														
39R-CC, 16–22	549.58	KS29–KS31	late Campanian–Maastrichtian	P	C				P																										
40R-6, 55–60	562.21	Not defined	late Campanian–Maastrichtian	P	R				P																										
41R-CC, 8–12	573.56	KS23–KS24	Santonian	M	C				P											P		P								P				P	P
42R-1, 30–32	573.70	KS23–KS24	Santonian	M	C				P										P	P						P					P	P			
42R-3, 106–108	577.33	KS23–KS24	Santonian	M	C				P	P				P												P				P	P	P		P	P
42R-5, 5–8	579.32	KS23–KS24	Coniacian	G	F				P														P			P	P			P	P	P	P		
42R-CC, 10–15	583.04	KS23–KS24	Coniacian	M	A				P									P	P	P						P				P	P				
43R-4, 66–67	588.01	Not defined	No age assignment	M	F				P																										
43R-5, 103–104	589.88	KS22	Turonian	P	F				P									P	P	P															
43R-CC, 12–17	590.10	KS22	Turonian	M	A				P		P			P				P	P	P	P				P				P	P					
44R-1, 140–141	594.00	KS22	Turonian	M	C	P			P	P								P	P	P		P					P								
44R-6, 65–70	600.49	KS22	Turonian	M	A				P	P	P			P				P	P	P			P	P	P	P									
45R-3, 138–152	606.36	KS21–KS20	Turonian	G	C			P	P	P																									
45R-4, 82–84	607.32	Not defined	Turonian	P	R				P																										
46R-1, 35–36	612.15	KS21–KS20	Turonian	M	A	P			P	P								P																	
46R-3, 115–117	615.82	KS21–KS20	Turonian	M	C					P				P					P	P															
46R-5, 107–109	618.71	KS21–KS20	Turonian	M	F				P	P									P	P	P	P													
46R-CC, 0–3	619.06	KS21–KS20	Turonian	P	R					P	P								P																
47R-1, 132–133	622.72	KS21–KS20	Turonian	P	C				P	P				P				P	P																
47R-5, 109–110	628.26	KS21–KS20	Turonian	M	C				P	P				P			P	P	P	P															
47R-CC, 14–18	630.17	KS21–KS20	No age assignment	P	F			P	P																										
48R-CC, 11–15	639.93	KS19	Cenomanian	M	C			P			P		P	P	P	P																			
49R-CC, 0–2	649.59	KS19	Cenomanian	P	F	P	P		P	P	P	P																							
50R-3, 0–2	653.20	KS19	Cenomanian	P	F	P	P	P	P	P																									

Notes: Preservation: G = good, M = moderate, P = poor. Abundance: A = abundant, C = common, F = few, R = rare, B = barren.

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Marginotruncana coronata*	*Archaeoglobigerina cretacea*	*Dicarinella canaliculata*	*Heterohelix striata*	*Globotruncana aegyptiaca*	*Globotruncanella havanensis*	*Pseudoguembelina costulata*	*Pseudotextularia elegans*	*Rugoglobigerina rotundata*	*Rugoglobigerina rugosa*	*Abathomphalus mayaroensis*	*Contusotruncana contusa*	*Globotruncanita stuarti*	*Globanomalina planocompressa*	*Heterohelix labellosa*	*Praemurica inconstans*	*Praemurica taurica*	*Eoglobigerina eobulloides*	*Parasubbotina pseudobulloides*	*Parasubbotina varianta*	*Praemurica uncinata*	*Globanomalina ehrenbergi*	*Morozovella praeangulata*	*Subbotina triloculinoides*	*Morozovella angulata*	*Morozovella conicotruncata*	*Globanomalina imitata*	*Igorina tadjikistanensis*	*Morozovella acuta*	*Morozovella velascoensis*
37R-3, 50–54	528.80	P3	late Paleocene	P	F																								P	P	P				
37R-4, 50–54	530.30	P2	early Paleocene	P	F																					P		P							
37R-5, 50–54	531.80	P2	early Paleocene	P	F																P				P	P		P	P						
37R-6, 50–54	533.30	P2	early Paleocene	M	C																P			P	P	P	P	P	P						
37R-7, 52–55	534.82	P2	early Paleocene	M	C																P		P	P	P	P			P						
37R-CC, 0–3	535.02	P1c	early Paleocene	M	A														P		P	P													
37R-CC, 24–29	535.26	Not defined	Maastrichtian	P	C					P			P	P	P				P	P	P	P													
38R-CC, 0–5	535.00	KS31	Maastrichtian	P	C				P	P			P		P	P	P																		
39R-CC, 16–22	549.58	KS29–KS31	late Campanian–Maastrichtian	P	C					P	P	P	P	P	P																				
40R-6, 55–60	562.21	Not defined	late Campanian–Maastrichtian	P	R				P																										
41R-CC, 8–12	573.56	KS23–KS24	Santonian	M	C			P																											
42R-1, 30–32	573.70	KS23–KS24	Santonian	M	C		P																												
42R-3, 106–108	577.33	KS23–KS24	Santonian	M	C	P																													
42R-5, 5–8	579.32	KS23–KS24	Coniacian	G	F																														
42R-CC, 10–15	583.04	KS23–KS24	Coniacian	M	A																														
43R-4, 66–67	588.01	Not defined	No age assignment	M	F																														
43R-5, 103–104	589.88	KS22	Turonian	P	F																														
43R-CC, 12–17	590.10	KS22	Turonian	M	A																														
44R-1, 140–141	594.00	KS22	Turonian	M	C																														
44R-6, 65–70	600.49	KS22	Turonian	M	A																														
45R-3, 138–152	606.36	KS21–KS20	Turonian	G	C																														
45R-4, 82–84	607.32	Not defined	Turonian	P	R																														
46R-1, 35–36	612.15	KS21–KS20	Turonian	M	A																														
46R-3, 115–117	615.82	KS21–KS20	Turonian	M	C																														
46R-5, 107–109	618.71	KS21–KS20	Turonian	M	F																														
46R-CC, 0–3	619.06	KS21–KS20	Turonian	P	R																														
47R-1, 132–133	622.72	KS21–KS20	Turonian	P	C																														
47R-5, 109–110	628.26	KS21–KS20	Turonian	M	C																														
47R-CC, 14–18	630.17	KS21–KS20	No age assignment	P	F																														
48R-CC, 11–15	639.93	KS19	Cenomanian	M	C																														
49R-CC, 0–2	649.59	KS19	Cenomanian	P	F																														
50R-3, 0–2	653.20	KS19	Cenomanian	P	F																														

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Subbotina velascoensis*	*Igorina albeari*	*Subbotina triangularis*	*Igorina pusilla*	*Morozovella apanthesma*	*Acarinina subsphaerica*	*Morozovella acutispira*	*Acarinina nitida*	*Acarinina soldadoensis*	*Morozovella aequa*	*Globanomalina pseudomenardii*	*Morozovella occlusa*	*Globanomalina* sp. 1	*Acarinina coalingensis*	*Morozovella subbotinae*	*Acarinina quetra*	*Morozovella marginodentata*	*Acarinina wilcoxensis*	*Morozovella aragonensis*	*Morozovella formosa*	*Morozovella lensiformis*	*Acarinina aspensis*	*Acarinina pentacamerata*	*Acarinina bullbrooki*	*Muricoglobigerina senni*	*Acarinina praetopilensis*	*Acarinina rohri*	*Subbotina boweri*	*Turborotalia griffinae*	*Guembelitrioides higginsi*
37R-3, 50–54	528.80	P3	late Paleocene	P	F																													
37R-4, 50–54	530.30	P2	early Paleocene	P	F																													
37R-5, 50–54	531.80	P2	early Paleocene	P	F																													
37R-6, 50–54	533.30	P2	early Paleocene	M	C																													
37R-7, 52–55	534.82	P2	early Paleocene	M	C																													
37R-CC, 0–3	535.02	P1c	early Paleocene	M	A																													
37R-CC, 24–29	535.26	Not defined	Maastrichtian	P	C																													
38R-CC, 0–5	535.00	KS31	Maastrichtian	P	C																													
39R-CC, 16–22	549.58	KS29–KS31	late Campanian–Maastrichtian	P	C																													
40R-6, 55–60	562.21	Not defined	late Campanian–Maastrichtian	P	R																													
41R-CC, 8–12	573.56	KS23–KS24	Santonian	M	C																													
42R-1, 30–32	573.70	KS23–KS24	Santonian	M	C																													
42R-3, 106–108	577.33	KS23–KS24	Santonian	M	C																													
42R-5, 5–8	579.32	KS23–KS24	Coniacian	G	F																													
42R-CC, 10–15	583.04	KS23–KS24	Coniacian	M	A																													
43R-4, 66–67	588.01	Not defined	No age assignment	M	F																													
43R-5, 103–104	589.88	KS22	Turonian	P	F																													
43R-CC, 12–17	590.10	KS22	Turonian	M	A																													
44R-1, 140–141	594.00	KS22	Turonian	M	C																													
44R-6, 65–70	600.49	KS22	Turonian	M	A																													
45R-3, 138–152	606.36	KS21–KS20	Turonian	G	C																													
45R-4, 82–84	607.32	Not defined	Turonian	P	R																													
46R-1, 35–36	612.15	KS21–KS20	Turonian	M	A																													
46R-3, 115–117	615.82	KS21–KS20	Turonian	M	C																													
46R-5, 107–109	618.71	KS21–KS20	Turonian	M	F																													
46R-CC, 0–3	619.06	KS21–KS20	Turonian	P	R																													
47R-1, 132–133	622.72	KS21–KS20	Turonian	P	C																													
47R-5, 109–110	628.26	KS21–KS20	Turonian	M	C																													
47R-CC, 14–18	630.17	KS21–KS20	No age assignment	P	F																													
48R-CC, 11–15	639.93	KS19	Cenomanian	M	C																													
49R-CC, 0–2	649.59	KS19	Cenomanian	P	F																													
50R-3, 0–2	653.20	KS19	Cenomanian	P	F																													

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Igorina broedermanni*	*Morozovella spinulosa*	*Turborotalia possagnoensis*	*Globigerinatheka index*	*Globigerinatheka mexicana*	*Morozovella lehneri*	*Acarinina topilensis*	*Turborotalia pomeroli*	*Globigerinatheka rubriformis*	*Orbulinoides beckmanni*	*Acarinina collactea*	*Planorotalites renzi*	*Pseudohastigerina wilcoxensis*	*Turborotalia cerroazulensis*	*Acarinina primitiva*	*Morozovella crassata*	*Globigerina nepenthes*	*Globigerinoides extremus*	*Globigerinoides sacculifer*	*Dentoglobigerina altispira altispira*	*Globorotalia fohsi fohsi*	*Globorotalia menardii*	*Globorotalia plesiotumida*	*Globorotalia scitula*	*Orbulina universa*	*Sphaeroidinellopsis kochi*	*Sphaeroidinellopsis seminulina*	*Globoquadrina venezuelana*	*Globigerinoides sicanus*	*Globoquadrina dehiscens*
37R-3, 50–54	528.80	P3	late Paleocene	P	F																													
37R-4, 50–54	530.30	P2	early Paleocene	P	F																													
37R-5, 50–54	531.80	P2	early Paleocene	P	F																													
37R-6, 50–54	533.30	P2	early Paleocene	M	C																													
37R-7, 52–55	534.82	P2	early Paleocene	M	C																													
37R-CC, 0–3	535.02	P1c	early Paleocene	M	A																													
37R-CC, 24–29	535.26	Not defined	Maastrichtian	P	C																													
38R-CC, 0–5	535.00	KS31	Maastrichtian	P	C																													
39R-CC, 16–22	549.58	KS29–KS31	late Campanian–Maastrichtian	P	C																													
40R-6, 55–60	562.21	Not defined	late Campanian–Maastrichtian	P	R																													
41R-CC, 8–12	573.56	KS23–KS24	Santonian	M	C																													
42R-1, 30–32	573.70	KS23–KS24	Santonian	M	C																													
42R-3, 106–108	577.33	KS23–KS24	Santonian	M	C																													
42R-5, 5–8	579.32	KS23–KS24	Coniacian	G	F																													
42R-CC, 10–15	583.04	KS23–KS24	Coniacian	M	A																													
43R-4, 66–67	588.01	Not defined	No age assignment	M	F																													
43R-5, 103–104	589.88	KS22	Turonian	P	F																													
43R-CC, 12–17	590.10	KS22	Turonian	M	A																													
44R-1, 140–141	594.00	KS22	Turonian	M	C																													
44R-6, 65–70	600.49	KS22	Turonian	M	A																													
45R-3, 138–152	606.36	KS21–KS20	Turonian	G	C																													
45R-4, 82–84	607.32	Not defined	Turonian	P	R																													
46R-1, 35–36	612.15	KS21–KS20	Turonian	M	A																													
46R-3, 115–117	615.82	KS21–KS20	Turonian	M	C																													
46R-5, 107–109	618.71	KS21–KS20	Turonian	M	F																													
46R-CC, 0–3	619.06	KS21–KS20	Turonian	P	R																													
47R-1, 132–133	622.72	KS21–KS20	Turonian	P	C																													
47R-5, 109–110	628.26	KS21–KS20	Turonian	M	C																													
47R-CC, 14–18	630.17	KS21–KS20	No age assignment	P	F																													
48R-CC, 11–15	639.93	KS19	Cenomanian	M	C																													
49R-CC, 0–2	649.59	KS19	Cenomanian	P	F																													
50R-3, 0–2	653.20	KS19	Cenomanian	P	F																													

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Paragloborotalia mayeri*	*Globigerinoides immaturus*	*Globigerinoides obliquus*	*Globoquadrina baroemoenensis*	*Orbulina bilobata*	*Globigerinoides bisphericus*	*Globigerinoides mitrus*	*Globigerinoides subquadratus*	*Globorotalia peripheroronda*	*Globigerinoides ruber*	*Globorotalia lenguaensis*	*Globorotalia limbata*	*Globorotalia merotumida*	*Praeorbulina glomerosa*	*Globigerinella siphonifera*	*Globorotalia miotumida*	*Globorotalia praefohsi*	*Globorotalia praemenardii*	*Praeorbulina curva*	*Globorotalia fohsi lobata*	*Globoturborotalita suteri*	*Globigerina venezuelana*	*Globigerinella praesiphonifera*	*Paragloborotalia siakensis*	*Globorotalia paralenguaensis*	*Globorotalia peripheroacuta*	*Globigerina falconensis*	*Globigerinatella insueta*	*Globorotalia fohsi robusta*	*Neogloboquadrina dutertrei*
37R-3, 50–54	528.80	P3	late Paleocene	P	F																													
37R-4, 50–54	530.30	P2	early Paleocene	P	F																													
37R-5, 50–54	531.80	P2	early Paleocene	P	F																													
37R-6, 50–54	533.30	P2	early Paleocene	M	C																													
37R-7, 52–55	534.82	P2	early Paleocene	M	C																													
37R-CC, 0–3	535.02	P1c	early Paleocene	M	A																													
37R-CC, 24–29	535.26	Not defined	Maastrichtian	P	C																													
38R-CC, 0–5	535.00	KS31	Maastrichtian	P	C																													
39R-CC, 16–22	549.58	KS29–KS31	late Campanian–Maastrichtian	P	C																													
40R-6, 55–60	562.21	Not defined	late Campanian–Maastrichtian	P	R																													
41R-CC, 8–12	573.56	KS23–KS24	Santonian	M	C																													
42R-1, 30–32	573.70	KS23–KS24	Santonian	M	C																													
42R-3, 106–108	577.33	KS23–KS24	Santonian	M	C																													
42R-5, 5–8	579.32	KS23–KS24	Coniacian	G	F																													
42R-CC, 10–15	583.04	KS23–KS24	Coniacian	M	A																													
43R-4, 66–67	588.01	Not defined	No age assignment	M	F																													
43R-5, 103–104	589.88	KS22	Turonian	P	F																													
43R-CC, 12–17	590.10	KS22	Turonian	M	A																													
44R-1, 140–141	594.00	KS22	Turonian	M	C																													
44R-6, 65–70	600.49	KS22	Turonian	M	A																													
45R-3, 138–152	606.36	KS21–KS20	Turonian	G	C																													
45R-4, 82–84	607.32	Not defined	Turonian	P	R																													
46R-1, 35–36	612.15	KS21–KS20	Turonian	M	A																													
46R-3, 115–117	615.82	KS21–KS20	Turonian	M	C																													
46R-5, 107–109	618.71	KS21–KS20	Turonian	M	F																													
46R-CC, 0–3	619.06	KS21–KS20	Turonian	P	R																													
47R-1, 132–133	622.72	KS21–KS20	Turonian	P	C																													
47R-5, 109–110	628.26	KS21–KS20	Turonian	M	C																													
47R-CC, 14–18	630.17	KS21–KS20	No age assignment	P	F																													
48R-CC, 11–15	639.93	KS19	Cenomanian	M	C																													
49R-CC, 0–2	649.59	KS19	Cenomanian	P	F																													
50R-3, 0–2	653.20	KS19	Cenomanian	P	F																													

Table T4 (continued).

Core, section, interval (cm)	Depth	Zone	Age	Preservation	Group abundance	*Globigerinoides conglobatus*	*Sphaeroidinellopsis subdehiscens*	*Globorotalia multicamerata*	*Globorotalia cibaoensis*	*Clavatorella bermudezi*	*Globorotalia tumida*	*Globorotalia margaritae*	*Globorotalia juanai*	*Neogloboquadrina acostaensis*	*Candeina nitida*	*Globorotalia miocenica*	*Hastigerina siphonifera*	*Globigerinoides fistulosus*	*Globorotalia crassaformis*	*Globorotalia truncatulinoides*	*Sphaeroidinella dehiscens*	*Globorotalia ronda*	*Pulleniatina obliquiloculata*	*Globigerinella aequilateralis*	*Globigerinoides ruber* (pink)
37R-3, 50–54	528.80	P3	late Paleocene	P	F																				
37R-4, 50–54	530.30	P2	early Paleocene	P	F																				
37R-5, 50–54	531.80	P2	early Paleocene	P	F																				
37R-6, 50–54	533.30	P2	early Paleocene	M	C																				
37R-7, 52–55	534.82	P2	early Paleocene	M	C																				
37R-CC, 0–3	535.02	P1c	early Paleocene	M	A																				
37R-CC, 24–29	535.26	Not defined	Maastrichtian	P	C																				
38R-CC, 0–5	535.00	KS31	Maastrichtian	P	C																				
39R-CC, 16–22	549.58	KS29–KS31	late Campanian–Maastrichtian	P	C																				
40R-6, 55–60	562.21	Not defined	late Campanian–Maastrichtian	P	R																				
41R-CC, 8–12	573.56	KS23–KS24	Santonian	M	C																				
42R-1, 30–32	573.70	KS23–KS24	Santonian	M	C																				
42R-3, 106–108	577.33	KS23–KS24	Santonian	M	C																				
42R-5, 5–8	579.32	KS23–KS24	Coniacian	G	F																				
42R-CC, 10–15	583.04	KS23–KS24	Coniacian	M	A																				
43R-4, 66–67	588.01	Not defined	No age assignment	M	F																				
43R-5, 103–104	589.88	KS22	Turonian	P	F																				
43R-CC, 12–17	590.10	KS22	Turonian	M	A																				
44R-1, 140–141	594.00	KS22	Turonian	M	C																				
44R-6, 65–70	600.49	KS22	Turonian	M	A																				
45R-3, 138–152	606.36	KS21–KS20	Turonian	G	C																				
45R-4, 82–84	607.32	Not defined	Turonian	P	R																				
46R-1, 35–36	612.15	KS21–KS20	Turonian	M	A																				
46R-3, 115–117	615.82	KS21–KS20	Turonian	M	C																				
46R-5, 107–109	618.71	KS21–KS20	Turonian	M	F																				
46R-CC, 0–3	619.06	KS21–KS20	Turonian	P	R																				
47R-1, 132–133	622.72	KS21–KS20	Turonian	P	C																				
47R-5, 109–110	628.26	KS21–KS20	Turonian	M	C																				
47R-CC, 14–18	630.17	KS21–KS20	No age assignment	P	F																				
48R-CC, 11–15	639.93	KS19	Cenomanian	M	C																				
49R-CC, 0–2	649.59	KS19	Cenomanian	P	F																				
50R-3, 0–2	653.20	KS19	Cenomanian	P	F																				