Chapter 4, Table T4. Distribution of planktonic foraminifers, Hole 1257A.

| Core, section, interval (cm) | Depth (mbsf) | Zone | Age | Preservation | Abundance | *Hedbergella delrioensis* | *Ticinella primula* | *Hedbergella planispira* | *Favusella washitensis* | *Ticinella roberti* | *Biticinella breggiensis* | *Ticinella raynaudi* | *Globigerinelloides caseyi* | *Rotalipora greenhornensis* | *Whiteinella inornata* | *Heterohelix reussi* | *Whiteinella archaeocretacea* | *Whiteinella baltica* | *Archaeoglobigerina blowi* | *Archaeoglobigerina cretacea* | *Contusotruncana fornicata* | *Heterohelix globulosa* | *Globotruncanella pschadae* | *Globotruncanella petaloidea* | *Abathomphalus intermedius* | *Globigerinelloides prairiehillensis* | *Globotruncana angusticos* | *Globotruncana arca* | *Globotruncana bilocatuari* | *Globotruncanella minuta* | *Globotruncanella petaloidea* | *Globotruncanella pschadae* | *Planoglobulina carseyae* | *Rugoglobigerina rugosa* | *Rugotruncana subcircumnodifer* | *Gansserina wiedenmayeri* | *Globotruncana arabensis* | *Globotruncana linneiana* | *Globotruncanita stuarti* | *Laeviheterohelix dentata* | *Laeviheterohelix glabrans* | *Psaudoguembelina costulata* | *Rugoglobigerina hexacamerata* | *Globotruncanella citae* | *Heterohelix labellosa* | *Heterohelix navarroensis* | *Rugoglobigerina scotti* | *Contusotruncana plummerae* | *Globotruncana bulloides* | *Globotruncanita atlantica* | *Globotruncanita petersi* | *Globotruncana orientalis* | *Globotruncanella havanensis* | *Rugoglobigerina macrocephala* | *Heterohelix planata* | *Globotruncana ventricosa* | *Marzovella angulata* | *Marzovella velascoensis* | *Parasubbotina varianta* | *Parasubbotina variospira* | *Subbotina triloculinoides* | *Igorina albeari* | *Igorina pusila* | *Morozovella acuta* | *Morozovella pasionensis* | *Morozovella occlusa* | *Acarinina nitida* | *Globanomalina pseudomenardii* | *Morozovella conicotruncata* | *Globanomalina imitata* | *Igorina tadjikistanensis* | *Morozovella occlusa* | *Subbotina velascoensis* | *Zeauvigerina angystiloca* | *Acarinina mckannai* | *Globanomalina ehrenbergi* | *Morozovella subbotinae* | *Subbotina triloculinoides* | *Acarinina soldadoensis* | *Acarinina subsphaerica* | *Morozovella apanthesma* | *Subbotina cancellata* | *Morozovella angulata* | *Subbotina patagonica* | *Acarinina coalingensis* | *Globanomalina planocontica* | *Morozovella subbotinae* | *Chiloguembelina midwayensis* | *Chiloguembelina wilcoxensis* | *Igorina broedermanni* | *Morozovella gracilis* | *Morozovella marginodentata* | *Acarinina primitiva* | *Morozovella wilcoxensis* | *Morozovella formosa* | *Acarinina esnaensis* | *Acarinina pseudotopilensis* | *Pseudohastigerina micra* | *Acarinina quetra* | *Morozovella delrioensis* | *Morozovella lensiformis* | *Turborotalia praecentralis* | *Acarinina bullbrooki* | *Guembelitrioides nuttalli* | *Morozovella aragonensis* | *Muricoglobigerina senni* | *Turborotalia griffinae* | *Acarinina rohri* | *Acarinina topilensis* | *Chiloguembelina cubensis* | *Globigerinatheka mexicana* | *Globigerinatheka subconglobata* | *Morozovella spinulosa* | *Subbotina bowri* | *Subbotina hagnesi* | *Acarinina praetopilensis* | *Globigerinatheka index* | *Globigerinatheka kugleri* | *Orbulinoides beckmanni* | *Turborotalia pomeroli* | *Turborotalia possagnoensis* | *Globigerina ciperoensis* | *Globigerinatheka tropicalis* | *Planorotalites pseudoscitula* | *Turborotalia cerroazulensis* | *Dentoglobigerina galavisi* | *Subbotina cryptomphala* | *Subbotina praetuntinnita* | *Catapsydrax unicavus* | *Globigerina exapertura* | *Turborotalia ampliapertura* | *Globigerinatheka index* | *Globigerina angulisuturalis* | *Turborotalia pseudobesmeri* | *Globoturborotalita nepenthes* | *Globoturborotalita woodi* | *Turborotalia increbescens* | *Subbotina gortanii* | *Tenuitella gemma* | *Tenuitella munda* | *Globigerina pseudovenezuelana* | *Dentoglobigerina globularis* | *Paragloborotalia opima nana* | *Globoquadrina tripartita* | *Globigerina corpulenta* | *Globigerina officinalis* | *Globigerina praebulloides* | *Globigerinella obesa* | *Candeina nitida* | *Globigerinoides sicanus* | *Globigerinoides subquadratus* | *Globigerinoides trilobus* | *Globigerinoides ruber* | *Globigerinoides elongatus* | *Globigerinoides extremus* | *Globigerinoides sacculifer* | *Globigerinoides seiglei* | *Globigerinoides obliquus obliquus* | *Globoturborotalita rubescens* | *Globoturborotalita decoraperta* | *Globoturborotalita euapertura* | *Globoturborotalita amplaertura* | *Globoturborotalita anfracta* | *Globoturborotalita obliquus* | *Globoturborotalita tenella* | *Globoturborotalita woodi* | *Globoturborotalita praebulloides* | *Globoturborotalita apertura* | *Globoturborotalita euapertura* | *Orbulina universa* | *Sphaeroidinellopsis seminulina* |
|---|---|---

Chapter 4, Table T4. Distribution of planktonic foraminifers, Hole 1257A. (**See table notes.** Continued on next 14 pages.)

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Hedbergella delrioensis*	*Ticinella primula*	*Hedbergella planispira*	*Favusella washitensis*	*Ticinella roberti*	*Biticinella breggiensis*	*Ticinella raynaudi*	*Globigerinelloides caseyi*	*Rotalipora greenhornensis*	*Whiteinella inornata*	*Heterohelix reussi*	*Whiteinella archaeocretacea*	*Whiteinella baltica*	*Archaeoglobigerina blowi*	*Archaeoglobigerina cretacea*	*Contusotruncana fornicata*	*Heterohelix globulosa*	*Globigerinelloides multispinus*	*Abathomphalus intermedius*	*Globigerinelloides prairiehillensis*	*Globotruncana aegyptiaca*	*Globotruncana arca*	*Globotruncana falsostuarti*	*Globotruncanella minuta*	*Globotruncanella petaloidea*	*Globotruncanella pschadae*	*Planoglobulina carseyae*	*Rugoglobigerina rugosa*	*Rugotruncana subcircumnodifer*	*Gansserina wiedenmayeri*	*Globotruncana esnehensis*	*Globotruncana linneiana*	*Globotruncanita stuarti*	*Laeviheterohelix dentata*	*Laeviheterohelix glabrans*
207-1257A-																																							
1H-1, 50–55	0.50	M13–14b	middle Miocene	G	C																																		
1H-2, 50–55	2.00	P19	early Oligocene	G	A																																		
1H-CC, 25–30	2.54	P19	early Oligocene	M	A																																		
2H-CC, 24–29	12.44	P19	early Oligocene	M	A																																		
3H-1, 50–54	12.60	P19	early Oligocene	G	A																																		
3H-2, 50–54	14.10	P18	early Oligocene	G	A																																		
3H-3, 50–54	15.60	P18	early Oligocene	G	A																																		
3H-4, 50–54	17.10	P18	early Oligocene	G	A																																		
3H-5, 50–54	18.60	P18	early Oligocene	G	A																																		
3H-6, 50–54	20.10	P18	early Oligocene	G	A																																		
3H-7, 50–54	21.60	P18	early Oligocene	M	A																																		
3H-CC, 35–39	22.08	P18	early Oligocene	M	A																																		
4H-CC, 23–27	31.56	P18	early Oligocene	M	A																																		
5H-CC, 46–51	40.95	P18	early Oligocene	P	C																																		
6X-1, 46–48	41.06	P18	early Oligocene	G	C																																		
6X-2, 50–52	42.60	P18	early Oligocene	G	F																																		
6X-3, 50–52	44.10	P14	middle Eocene	G	A																																		
6X-4, 46–48	45.56	P14	middle Eocene	M	C																																		
6X-CC, 21–26	46.76	P14	middle Eocene	M	A																																		
7X-1, 52–54	45.42	P14	middle Eocene	G	A																																		
7X-2, 51–54	46.91	P14	middle Eocene	M	A																																		
7X-2, 51–54	46.91	P14	middle Eocene	M	A																																		
7X-3, 49–52	48.39	P14	middle Eocene	G	A																																		
7X-4, 47–51	49.87	P13	middle Eocene	G	A																																		
7X-5, 51–55	51.41	P13	middle Eocene	G	F																																		
7X-CC, 20–25	52.56	P13	middle Eocene	M	A																																		
8X-1, 46–49	54.56	P13	middle Eocene	G	C																																		
8X-2, 47–48	56.07	P13	middle Eocene	G	C																																		
8X-3, 51–53	57.61	P12	middle Eocene	G	C																																		
8X-4, 49–52	59.09	P12	middle Eocene	G	C																																		
8X-5, 50–53	60.60	P12	middle Eocene	G	F																																		
8X-CC, 31–36	61.92	P12	middle Eocene	G	A																																		
9X-4, 50–54	68.70	P12	middle Eocene	G	C																																		
9X-5, 50–54	69.70	P11	middle Eocene	M	C																																		
9X-CC, 43–48	70.38	P6	early Eocene	M	C																																		
10X-1, 50–54	73.80	P6	early Eocene	G	A																																		
10X-2, 50–54	75.30	P6	early Eocene	G	A																																		
10X-3, 26–30	76.56	P6	early Eocene	G	A																																		

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Pseudoguembelina costulata*	*Rugoglobigerina hexacamerata*	*Globotruncanella citae*	*Heterohelix labellosa*	*Heterohelix punctulata*	*Rugoglobigerina scotti*	*Contusotruncana plummerae*	*Globotruncana bulloides*	*Globotruncanita atlantica*	*Globotruncanita pettersi*	*Globotruncana orientalis*	*Globotruncanella havanensis*	*Rugoglobigerina macrocephala*	*Heterohelix planata*	*Globotruncana mariei*	*Globotruncana ventricosa*	*Morozovella angulata*	*Morozovella velascoensis*	*Parasubbotina varianta*	*Parasubbotina variospira*	*Subbotina triloculinoides*	*Igorina albeari*	*Igorina pusilla*	*Morozovella acuta*	*Morozovella acutispira*	*Morozovella pasionensis*	*Subbotina triangularis*	*Acarinina nitida*	*Globanomalina pseudomenardii*	*Morozovella conicotruncata*	*Globanomalina imitata*	*Igorina tadjikistanensis*	*Morozovella occlusa*	*Subbotina velascoensis*	*Zeauvigerina aegyptiaca*
207-1257A-																																								
1H-1, 50–55	0.50	M13–14b	middle Miocene	G	C																																			
1H-2, 50–55	2.00	P19	early Oligocene	G	A																																			
1H-CC, 25–30	2.54	P19	early Oligocene	M	A																																			
2H-CC, 24–29	12.44	P19	early Oligocene	M	A																																			
3H-1, 50–54	12.60	P19	early Oligocene	G	A																																			
3H-2, 50–54	14.10	P18	early Oligocene	G	A																																			
3H-3, 50–54	15.60	P18	early Oligocene	G	A																																			
3H-4, 50–54	17.10	P18	early Oligocene	G	A																																			
3H-5, 50–54	18.60	P18	early Oligocene	G	A																																			
3H-6, 50–54	20.10	P18	early Oligocene	G	A																																			
3H-7, 50–54	21.60	P18	early Oligocene	M	A																																			
3H-CC, 35–39	22.08	P18	early Oligocene	M	A																																			
4H-CC, 23–27	31.56	P18	early Oligocene	M	A																																			
5H-CC, 46–51	40.95	P18	early Oligocene	P	C																																			
6X-1, 46–48	41.06	P18	early Oligocene	G	C																																			
6X-2, 50–52	42.60	P18	early Oligocene	G	F																																			
6X-3, 50–52	44.10	P14	middle Eocene	G	A																																			
6X-4, 46–48	45.56	P14	middle Eocene	M	C																																			
6X-CC, 21–26	46.76	P14	middle Eocene	M	A																																			
7X-1, 52–54	45.42	P14	middle Eocene	G	A																																			
7X-2, 51–54	46.91	P14	middle Eocene	M	A																																			
7X-2, 51–54	46.91	P14	middle Eocene	M	A																																			
7X-3, 49–52	48.39	P14	middle Eocene	G	A																																			
7X-4, 47–51	49.87	P13	middle Eocene	G	A																																			
7X-5, 51–55	51.41	P13	middle Eocene	G	F																																			
7X-CC, 20–25	52.56	P13	middle Eocene	M	A																																			
8X-1, 46–49	54.56	P13	middle Eocene	G	C																																			
8X-2, 47–48	56.07	P13	middle Eocene	G	C																																			
8X-3, 51–53	57.61	P12	middle Eocene	G	C																																			
8X-4, 49–52	59.09	P12	middle Eocene	G	C																																			
8X-5, 50–53	60.60	P12	middle Eocene	G	F																																			
8X-CC, 31–36	61.92	P12	middle Eocene	G	A																																			
9X-4, 50–54	68.70	P12	middle Eocene	G	C																																			
9X-5, 50–54	69.70	P11	middle Eocene	M	C																																			
9X-CC, 43–48	70.38	P6	early Eocene	M	C																											X								
10X-1, 50–54	73.80	P6	early Eocene	G	A																											X								
10X-2, 50–54	75.30	P6	early Eocene	G	A																											X								
10X-3, 26–30	76.56	P6	early Eocene	G	A																											X								

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Acarinina mckannai*	*Globanomalina ehrenbergi*	*Subbotina trivialis*	*Acarinina soldadoensis*	*Acarinina subsphaerica*	*Morozovella apanthesma*	*Subbotina cancellata*	*Morozovella aequa*	*Subbotina patagonica*	*Acarinina coalingensis*	*Globanomalina planoconica*	*Morozovella subbotinae*	*Chiloguembelina midwayensis*	*Chiloguembelina wilcoxensis*	*Igorina broedermanni*	*Morozovella gracilis*	*Morozovella marginodentata*	*Acarinina primitiva*	*Acarinina wilcoxensis*	*Morozovella formosa*	*Acarinina esnaensis*	*Acarinina pseudotopilensis*	*Pseudohastigerina micra*	*Acarinina quetra*	*Morozovella dolabrata*	*Morozovella lensiformis*	*Turborotalia praecentralis*	*Acarinina bullbrooki*	*Guembelitrioides nuttali*	*Morozovella aragonensis*	*Muricoglobigerina senni*	*Turborotalia griffinae*	*Acarinina rohri*	*Acarinina topilensis*	*Chiloguembelina cubensis*
207-1257A-																																							
1H-1, 50–55	0.50	M13–14b	middle Miocene	G	C																																	
1H-2, 50–55	2.00	P19	early Oligocene	G	A																																	X
1H-CC, 25–30	2.54	P19	early Oligocene	M	A																																	X
2H-CC, 24–29	12.44	P19	early Oligocene	M	A																																	X
3H-1, 50–54	12.60	P19	early Oligocene	G	A																																	X
3H-2, 50–54	14.10	P18	early Oligocene	G	A																							X										X
3H-3, 50–54	15.60	P18	early Oligocene	G	A																							X										X
3H-4, 50–54	17.10	P18	early Oligocene	G	A																							X										X
3H-5, 50–54	18.60	P18	early Oligocene	G	A																							X										
3H-6, 50–54	20.10	P18	early Oligocene	G	A																							X										X
3H-7, 50–54	21.60	P18	early Oligocene	M	A																																	X
3H-CC, 35–39	22.08	P18	early Oligocene	M	A																							X										X
4H-CC, 23–27	31.56	P18	early Oligocene	M	A																							X										X
5H-CC, 46–51	40.95	P18	early Oligocene	P	C																																	X
6X-1, 46–48	41.06	P18	early Oligocene	G	C																							X										
6X-2, 50–52	42.60	P18	early Oligocene	G	F																																	X
6X-3, 50–52	44.10	P14	middle Eocene	G	A																															X		
6X-4, 46–48	45.56	P14	middle Eocene	M	C																															X		
6X-CC, 21–26	46.76	P14	middle Eocene	M	A																							X								X	X	X	X	
7X-1, 52–54	45.42	P14	middle Eocene	G	A																															X		X		X
7X-2, 51–54	46.91	P14	middle Eocene	M	A																															X		X		
7X-2, 51–54	46.91	P14	middle Eocene	M	A																																	X		
7X-3, 49–52	48.39	P14	middle Eocene	G	A																															X	X	X		
7X-4, 47–51	49.87	P13	middle Eocene	G	A																							X								X	X	X		
7X-5, 51–55	51.41	P13	middle Eocene	G	F																							X								X		X	X	
7X-CC, 20–25	52.56	P13	middle Eocene	M	A																							X								X		X	X	
8X-1, 46–49	54.56	P13	middle Eocene	G	C																															X		X	X	
8X-2, 47–48	56.07	P13	middle Eocene	G	C																															X		X	X	
8X-3, 51–53	57.61	P12	middle Eocene	G	C																							X								X		X		
8X-4, 49–52	59.09	P12	middle Eocene	G	C																												X			X		X	X	
8X-5, 50–53	60.60	P12	middle Eocene	G	F																												X			X	X	X	X	
8X-CC, 31–36	61.92	P12	middle Eocene	G	A																																X			
9X-4, 50–54	68.70	P12	middle Eocene	G	C									X						X						X							X	X		X	X	X	
9X-5, 50–54	69.70	P11	middle Eocene	M	C															X													X	X	X	X	X	X	
9X-CC, 43–48	70.38	P6	early Eocene	M	C				X						X	X						X		X							X								
10X-1, 50–54	73.80	P6	early Eocene	G	A				X						X	X					X	X		X		X	X	X	X	X	X								
10X-2, 50–54	75.30	P6	early Eocene	G	A				X					X		X			X		X	X		X	X		X												
10X-3, 26–30	76.56	P6	early Eocene	G	A				X							X			X		X	X	X	X			X												

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Clavigerinella akersi*	*Globigerinatheka mexicana*	*Globigerinatheka subconglobata*	*Morozovella spinulosa*	*Subbotina boweri*	*Subbotina linaperta*	*Acarinina praetopilensis*	*Globigerinatheka index*	*Globigerinatheka kugleri*	*Orbulinoides beckmanni*	*Turborotalia pomeroli*	*Turborotalia possagnoensis*	*Globigerina yeguaensis*	*Globigerinatheka tropicalis*	*Planorotalites pseudoscitula*	*Turborotalia cerroazulensis*	*Dentoglobigerina galavisi*	*Subbotina cryptomphala*	*Subbotina praeturritilina*	*Catapsydrax unicavus*	*Globigerina euapertura*	*Turborotalia ampliapertura*	*Cassigerinella chipolensis*	*Globigerina ouachitaensis*	*Turborotalia pseudoampliapertura*	*Globorotaloides suteri*	*Pseudohastigerina naguewichiensis*	*Turborotalia increbescens*	*Subbotina gortanii*	*Tenuitella gemma*	*Tenuitella munda*	*Globigerina pseudovenezuelana*	*Dentoglobigerina globularis*	*Paragloborotalia opima nana*	*Globoquadrina tripartita*
207-1257A-																																							
1H-1, 50–55	0.50	M13–14b	middle Miocene	G	C																																		
1H-2, 50–55	2.00	P19	early Oligocene	G	A																					X													
1H-CC, 25–30	2.54	P19	early Oligocene	M	A													X				X				X	X	X	X	X									
2H-CC, 24–29	12.44	P19	early Oligocene	M	A													X							X	X	X	X			X		X	X	X	X				
3H-1, 50–54	12.60	P19	early Oligocene	G	A																	X				X	X												X
3H-2, 50–54	14.10	P18	early Oligocene	G	A																					X	X	X							X	X	X			
3H-3, 50–54	15.60	P18	early Oligocene	G	A																				X		X	X											
3H-4, 50–54	17.10	P18	early Oligocene	G	A																					X	X												
3H-5, 50–54	18.60	P18	early Oligocene	G	A																					X	X									X			X
3H-6, 50–54	20.10	P18	early Oligocene	G	A																		X			X	X									X			
3H-7, 50–54	21.60	P18	early Oligocene	M	A																						X							X			X	X	
3H-CC, 35–39	22.08	P18	early Oligocene	M	A						X							X					X				X	X				X	X			X			
4H-CC, 23–27	31.56	P18	early Oligocene	M	A																					X				X		X		X	X	X			
5H-CC, 46–51	40.95	P18	early Oligocene	P	C																		X		X	X					X	X	X						
6X-1, 46–48	41.06	P18	early Oligocene	G	C																				X		X	X	X	X									
6X-2, 50–52	42.60	P18	early Oligocene	G	F																		X		X	X	X												
6X-3, 50–52	44.10	P14	middle Eocene	G	A		X									X					X																		
6X-4, 46–48	45.56	P14	middle Eocene	M	C				X							X																							
6X-CC, 21–26	46.76	P14	middle Eocene	M	A		X		X							X							X	X															
7X-1, 52–54	45.42	P14	middle Eocene	G	A		X		X							X			X			X																	
7X-2, 51–54	46.91	P14	middle Eocene	M	A		X		X									X				X																	
7X-2, 51–54	46.91	P14	middle Eocene	M	A		X		X							X		X				X																	
7X-3, 49–52	48.39	P14	middle Eocene	G	A		X		X		X	X				X																							
7X-4, 47–51	49.87	P13	middle Eocene	G	A		X		X			X			X	X			X																				
7X-5, 51–55	51.41	P13	middle Eocene	G	F		X		X						X	X			X		X																		
7X-CC, 20–25	52.56	P13	middle Eocene	M	A				X						X				X	X																			
8X-1, 46–49	54.56	P13	middle Eocene	G	C		X		X						X	X																							
8X-2, 47–48	56.07	P13	middle Eocene	G	C		X		X		X	X			X	X		X																					
8X-3, 51–53	57.61	P12	middle Eocene	G	C		X		X			X				X																							
8X-4, 49–52	59.09	P12	middle Eocene	G	C		X		X		X			X		X			X																				
8X-5, 50–53	60.60	P12	middle Eocene	G	F		X		X			X				X		X																					
8X-CC, 31–36	61.92	P12	middle Eocene	G	A				X			X	X	X	X	X	X																						
9X-4, 50–54	68.70	P12	middle Eocene	G	C	X	X	X	X	X	X																												
9X-5, 50–54	69.70	P11	middle Eocene	M	C																																		
9X-CC, 43–48	70.38	P6	early Eocene	M	C																																		
10X-1, 50–54	73.80	P6	early Eocene	G	A																																		
10X-2, 50–54	75.30	P6	early Eocene	G	A																																		
10X-3, 26–30	76.56	P6	early Eocene	G	A																																		

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Globigerina corpulenta*	*Globigerina officinalis*	*Globigerina praebulloides*	*Globigerinella obesa*	*Candeina nitida*	*Globigerinella siphonifera*	*Globigerinoides extremus*	*Globigerinoides sacculifer*	*Globigerinoides seigliei*	*Globoquadrina altispira altispira*	*Globorotalia juanai*	*Globorotalia margaritae*	*Globorotalia menardi*	*Globorotalia plesiotumida*	*Orbulina universa*	*Sphaeroidinellopsis seminulina*
207-1257A-																					
1H-1, 50–55	0.50	M13–14b	middle Miocene	G	C				X	X	X	X	X	X	X	X	X	X	X	X	X
1H-2, 50–55	2.00	P19	early Oligocene	G	A																
1H-CC, 25–30	2.54	P19	early Oligocene	M	A		X	X	X												
2H-CC, 24–29	12.44	P19	early Oligocene	M	A																
3H-1, 50–54	12.60	P19	early Oligocene	G	A																
3H-2, 50–54	14.10	P18	early Oligocene	G	A	X															
3H-3, 50–54	15.60	P18	early Oligocene	G	A	X															
3H-4, 50–54	17.10	P18	early Oligocene	G	A																
3H-5, 50–54	18.60	P18	early Oligocene	G	A																
3H-6, 50–54	20.10	P18	early Oligocene	G	A																
3H-7, 50–54	21.60	P18	early Oligocene	M	A																
3H-CC, 35–39	22.08	P18	early Oligocene	M	A																
4H-CC, 23–27	31.56	P18	early Oligocene	M	A																
5H-CC, 46–51	40.95	P18	early Oligocene	P	C																
6X-1, 46–48	41.06	P18	early Oligocene	G	C																
6X-2, 50–52	42.60	P18	early Oligocene	G	F																
6X-3, 50–52	44.10	P14	middle Eocene	G	A																
6X-4, 46–48	45.56	P14	middle Eocene	M	C																
6X-CC, 21–26	46.76	P14	middle Eocene	M	A																
7X-1, 52–54	45.42	P14	middle Eocene	G	A																
7X-2, 51–54	46.91	P14	middle Eocene	M	A																
7X-2, 51–54	46.91	P14	middle Eocene	M	A																
7X-3, 49–52	48.39	P14	middle Eocene	G	A																
7X-4, 47–51	49.87	P13	middle Eocene	G	A																
7X-5, 51–55	51.41	P13	middle Eocene	G	F																
7X-CC, 20–25	52.56	P13	middle Eocene	M	A																
8X-1, 46–49	54.56	P13	middle Eocene	G	C																
8X-2, 47–48	56.07	P13	middle Eocene	G	C																
8X-3, 51–53	57.61	P12	middle Eocene	G	C																
8X-4, 49–52	59.09	P12	middle Eocene	G	C																
8X-5, 50–53	60.60	P12	middle Eocene	G	F																
8X-CC, 31–36	61.92	P12	middle Eocene	G	A																
9X-4, 50–54	68.70	P12	middle Eocene	G	C																
9X-5, 50–54	69.70	P11	middle Eocene	M	C																
9X-CC, 43–48	70.38	P6	early Eocene	M	C																
10X-1, 50–54	73.80	P6	early Eocene	G	A																
10X-2, 50–54	75.30	P6	early Eocene	G	A																
10X-3, 26–30	76.56	P6	early Eocene	G	A																

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Hedbergella delrioensis*	*Ticinella primula*	*Hedbergella planispira*	*Favusella washitensis*	*Ticinella roberti*	*Biticinella breggiensis*	*Ticinella raynaudi*	*Globigerinelloides caseyi*	*Rotalipora greenhornensis*	*Whiteinella inornata*	*Heterohelix reussi*	*Whiteinella archaeocretacea*	*Whiteinella baltica*	*Archaeoglobigerina blowi*	*Archaeoglobigerina cretacea*	*Contusotruncana fornicata*	*Heterohelix globulosa*	*Globigerinelloides multispinus*	*Abathomphalus intermedius*	*Globigerinelloides prairiehillensis*	*Globotruncana aegyptiaca*	*Globotruncana arca*	*Globotruncana falsostuarti*	*Globotruncanella minuta*	*Globotruncanella petaloidea*	*Globotruncanella pschadae*	*Planoglobulina carseyae*	*Rugoglobigerina rugosa*	*Rugotruncana subcircumnodifer*	*Gansserina wiedenmayeri*	*Globotruncana esnehensis*	*Globotruncana linneiana*	*Globotruncanita stuarti*	*Laeviheterohelix dentata*	*Laeviheterohelix glabrans*
10X-4, 48–53	78.28	P6	early Eocene	G	A																																		
10X-5, 40–45	79.70	P6	early Eocene	M	A																																		
10X-6, 40–46	80.70	P6	early Eocene	M	A																																		
10X-CC, 46–51	81.51	P6	early Eocene	P	C																																		
11X-1, 49–54	83.49	P6	early Eocene	M	A																																		
11X-2, 27–32	84.61	P5	early Eocene	P	R																																		
11X-CC, 46–51	85.20	Not defined	No age assignment	P	R																																		
12X-1, 50–54	93.10	P5	late Paleocene	P	A																																		
12X-2, 50–54	94.60	P5	late Paleocene	G	A																																		
12X-3, 50–54	96.10	P4	late Paleocene	G	A																																		
12X-4, 50–54	97.60	P4	late Paleocene	P	R																																		
12X-CC, 47–52	98.32	P4	late Paleocene	P	C																																		
13X-CC, 31–36	111.81	P4	late Paleocene	P	C																																		
14X-CC, 12–17	120.83	P4	late Paleocene	G	C																																		
15X-1, 51–54	122.01	P4	late Paleocene	M	A																																		
15X-4, 47–52	126.47	P4	late Paleocene	P	A																																		
15X-6, 47–51	129.47	P4	late Paleocene	M	A																																		
15X-CC, 39–44	131.32	P4	late Paleocene	M	C																																		
16X-1, 50–52	131.60	P4	late Paleocene	M	A																																		
16X-3, 48–51	134.58	P4	late Paleocene	P	C																																		
16X-4, 49–52	136.09	P4	late Paleocene	P	A																																		
16X-5, 40–43	137.50	P3	late Paleocene	M	A																																		
16X-CC, 58–63	138.37	P3	late Paleocene	M	C																																		
17X-1, 50–54	141.20	KS31–30	Maastrichtian–Campanian	M	A																					X	X						X	X					
17X-2, 50–54	142.66	KS31–30	Maastrichtian–Campanian	M	A																						X				X		X	X					
17X-3, 50–54	144.16	KS30	early Maastrichtian–late Campanian	M	A																			X		X	X				X			X					
17X-4, 48–50	145.64	KS30	early Maastrichtian–late Campanian	G	A																				X					X				X					
17X-5, 50–54	147.16	KS30	early Maastrichtian–late Campanian	M	A																X						X				X		X	X					
17X-6, 50–54	148.36	KS30	early Maastrichtian–late Campanian	P	C																X		X		X	X				X					X				
17X-CC, 59–64	149.08	KS30	early Maastrichtian–late Campanian	M	C																	X		X					X		X	X	X	X					
18X-1, 50–54	150.80	KS29–30	late Campanian	P	C																	X	X		X					X					X	X	X	X	X
18X-CC, 27–32	159.98	KS29–30	late Campanian	M	F																	X		X	X	X	X	X	X	X	X	X	X	X					
19X-CC, 38–42	161.58				B																																		
20X-3, 36–40	172.76				B																																		
20X-4, 6–8	173.96	Not defined	No age assignment	P	R																		X																
20X-5, 39–41	175.79	Not defined	Santonian?	M	R	X										X					X	X																	
20X-6, 59–61	177.49	Not defined	Coniacian–Santonian?	M	R	X										X				X		X																	
20X-CC, 35–39	178.07	Not defined	Coniacian–Santonian?	G	F	X															X	X																	
21X-1, 51–53	179.51	Not defined	Coniacian–Santonian?	P	R	X										X				X		X																	

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Pseudoguembelina costulata*	*Rugoglobigerina hexacamerata*	*Globotruncanella citae*	*Heterohelix labellosa*	*Heterohelix punctulata*	*Rugoglobigerina scotti*	*Contusotruncana plummerae*	*Globotruncana bulloides*	*Globotruncanita atlantica*	*Globotruncanita pettersi*	*Globotruncana orientalis*	*Globotruncanella havanensis*	*Rugoglobigerina macrocephala*	*Heterohelix planata*	*Globotruncana mariei*	*Globotruncana ventricosa*	*Morozovella angulata*	*Morozovella velascoensis*	*Parasubbotina varianta*	*Parasubbotina variospira*	*Subbotina triloculinoides*	*Igorina albeari*	*Igorina pusilla*	*Morozovella acuta*	*Morozovella acutispira*	*Morozovella pasionensis*	*Subbotina triangularis*	*Acarinina nitida*	*Globanomalina pseudomenardii*	*Morozovella conicotruncata*	*Globanomalina imitata*	*Igorina tadjikistanensis*	*Morozovella occlusa*	*Subbotina velascoensis*	*Zeauvigerina aegyptiaca*
10X-4, 48–53	78.28	P6	early Eocene	G	A																		X															
10X-5, 40–45	79.70	P6	early Eocene	M	A																		X															
10X-6, 40–46	80.70	P6	early Eocene	M	A																		X															
10X-CC, 46–51	81.51	P6	early Eocene	P	C																		X															
11X-1, 49–54	83.49	P6	early Eocene	M	A																		X															
11X-2, 27–32	84.61	P5	early Eocene	P	R																		X			X			X									
11X-CC, 46–51	85.20	Not defined	No age assignment	P	R																																	
12X-1, 50–54	93.10	P5	late Paleocene	P	A																		X			X			X			X	X			X	X	
12X-2, 50–54	94.60	P5	late Paleocene	G	A																		X			X			X			X				X	X	
12X-3, 50–54	96.10	P4	late Paleocene	G	A																		X			X			X			X		X		X	X	
12X-4, 50–54	97.60	P4	late Paleocene	P	R																		X			X			X							X		
12X-CC, 47–52	98.32	P4	late Paleocene	P	C																		X			X			X			X	X	X		X		
13X-CC, 31–36	111.81	P4	late Paleocene	P	C																					X			X			X					X	
14X-CC, 12–17	120.83	P4	late Paleocene	G	C																		X			X			X			X		X		X	X	
15X-1, 51–54	122.01	P4	late Paleocene	M	A																	X	X			X	X					X		X		X	X	
15X-4, 47–52	126.47	P4	late Paleocene	P	A																		X				X					X	A	X		X	X	
15X-6, 47–51	129.47	P4	late Paleocene	M	A																		X			X	X				X	X	X	X		X	X	
15X-CC, 39–44	131.32	P4	late Paleocene	M	C																		X	X		X				X	X		X	X		X	X	
16X-1, 50–52	131.60	P4	late Paleocene	M	A																	X	X				X					X	X	X		X	X	
16X-3, 48–51	134.58	P4	late Paleocene	P	C																		X				X		X		X		X	X	X	X	X	X
16X-4, 49–52	136.09	P4	late Paleocene	P	A																	X	X									X	X	X	X			
16X-5, 40–43	137.50	P3	late Paleocene	M	A																	X	X	X		X	X	X	X	X	X	X						
16X-CC, 58–63	138.37	P3	late Paleocene	M	C																	X	X	X	X	X												
17X-1, 50–54	141.20	KS31–30	Maastrichtian–Campanian	M	A		X			X									X	X																	
17X-2, 50–54	142.66	KS31–30	Maastrichtian–Campanian	M	A		X			X																											
17X-3, 50–54	144.16	KS30	early Maastrichtian–late Campanian	M	A					X								X		X	X																
17X-4, 48–50	145.64	KS30	early Maastrichtian–late Campanian	G	A					X							X	X	X																		
17X-5, 50–54	147.16	KS30	early Maastrichtian–late Campanian	M	A					X						X	X	X																			
17X-6, 50–54	148.36	KS30	early Maastrichtian–late Campanian	P	C							X	X	X	X																						
17X-CC, 59–64	149.08	KS30	early Maastrichtian–late Campanian	M	C			X	X	X	X																										
18X-1, 50–54	150.80	KS29–30	late Campanian	P	C	X	X																														
18X-CC, 27–32	159.98	KS29–30	late Campanian	M	F																																
19X-CC, 38–42	161.58				B																																
20X-3, 36–40	172.76				B																																
20X-4, 6–8	173.96	Not defined	No age assignment	P	R																																
20X-5, 39–41	175.79	Not defined	Santonian?	M	R																																
20X-6, 59–61	177.49	Not defined	Coniacian–Santonian?	M	R																																
20X-CC, 35–39	178.07	Not defined	Coniacian–Santonian?	G	F																																
21X-1, 51–53	179.51	Not defined	Coniacian–Santonian?	P	R																																

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Acarinina mckannai*	*Globanomalina ehrenbergi*	*Subbotina trivialis*	*Acarinina soldadoensis*	*Acarinina subsphaerica*	*Morozovella apanthesma*	*Subbotina cancellata*	*Morozovella aequa*	*Subbotina patagonica*	*Acarinina coalingensis*	*Globanomalina planoconica*	*Morozovella subbotinae*	*Chiloguembelina midwayensis*	*Chiloguembelina wilcoxensis*	*Igorina broedermanni*	*Morozovella gracilis*	*Morozovella marginodentata*	*Acarinina primitiva*	*Acarinina wilcoxensis*	*Morozovella formosa*	*Acarinina esnaensis*	*Acarinina pseudotopilensis*	*Pseudohastigerina micra*	*Acarinina quetra*	*Morozovella dolabrata*	*Morozovella lensiformis*	*Turborotalia praecentralis*	*Acarinina bullbrooki*	*Guembelitrioides nuttali*	*Morozovella aragonensis*	*Muricoglobigerina senni*	*Turborotalia griffinae*	*Acarinina rohri*	*Acarinina topilensis*	*Chiloguembelina cubensis*
10X-4, 48–53	78.28	P6	early Eocene	G	A				X								X	X			X						X	X										
10X-5, 40–45	79.70	P6	early Eocene	M	A				X					X			X	X	X	X	X	X					X											
10X-6, 40–46	80.70	P6	early Eocene	M	A				X						X		X				X			X														
10X-CC, 46–51	81.51	P6	early Eocene	P	C									X			X				X	X	X	X	X													
11X-1, 49–54	83.49	P6	early Eocene	M	A				X					X			X	X	X	X	X	X																
11X-2, 27–32	84.61	P5	early Eocene	P	R				X				X				X																					
11X-CC, 46–51	85.20	Not defined	No age assignment	P	R																																	
12X-1, 50–54	93.10	P5	late Paleocene	P	A				X				X		X	X	X																					
12X-2, 50–54	94.60	P5	late Paleocene	G	A				X				X		X																							
12X-3, 50–54	96.10	P4	late Paleocene	G	A				X				X																									
12X-4, 50–54	97.60	P4	late Paleocene	P	R																																	
12X-CC, 47–52	98.32	P4	late Paleocene	P	C	X							X	X																								
13X-CC, 31–36	111.81	P4	late Paleocene	P	C	X							X																									
14X-CC, 12–17	120.83	P4	late Paleocene	G	C	X			X																													
15X-1, 51–54	122.01	P4	late Paleocene	M	A	X	X	X			X																											
15X-4, 47–52	126.47	P4	late Paleocene	P	A	A																																
15X-6, 47–51	129.47	P4	late Paleocene	M	A	X		X		X	X	X																										
15X-CC, 39–44	131.32	P4	late Paleocene	M	C	X			X																													
16X-1, 50–52	131.60	P4	late Paleocene	M	A	X	X	X																														
16X-3, 48–51	134.58	P4	late Paleocene	P	C																																	
16X-4, 49–52	136.09	P4	late Paleocene	P	A																																	
16X-5, 40–43	137.50	P3	late Paleocene	M	A																																	
16X-CC, 58–63	138.37	P3	late Paleocene	M	C																																	
17X-1, 50–54	141.20	KS31–30	Maastrichtian–Campanian	M	A																																	
17X-2, 50–54	142.66	KS31–30	Maastrichtian–Campanian	M	A																																	
17X-3, 50–54	144.16	KS30	early Maastrichtian–late Campanian	M	A																																	
17X-4, 48–50	145.64	KS30	early Maastrichtian–late Campanian	G	A																																	
17X-5, 50–54	147.16	KS30	early Maastrichtian–late Campanian	M	A																																	
17X-6, 50–54	148.36	KS30	early Maastrichtian–late Campanian	P	C																																	
17X-CC, 59–64	149.08	KS30	early Maastrichtian–late Campanian	M	C																																	
18X-1, 50–54	150.80	KS29–30	late Campanian	P	C																																	
18X-CC, 27–32	159.98	KS29–30	late Campanian	M	F																																	
19X-CC, 38–42	161.58				B																																	
20X-3, 36–40	172.76				B																																	
20X-4, 6–8	173.96	Not defined	No age assignment	P	R																																	
20X-5, 39–41	175.79	Not defined	Santonian?	M	R																																	
20X-6, 59–61	177.49	Not defined	Coniacian–Santonian?	M	R																																	
20X-CC, 35–39	178.07	Not defined	Coniacian–Santonian?	G	F																																	
21X-1, 51–53	179.51	Not defined	Coniacian–Santonian?	P	R																																	

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Clavigerinella akersi*	*Globigerinatheka mexicana*	*Globigerinatheka subconglobata*	*Morozovella spinulosa*	*Subbotina boweri*	*Subbotina linaperta*	*Acarinina praetopilensis*	*Globigerinatheka index*	*Globigerinatheka kugleri*	*Orbulinoides beckmanni*	*Turborotalia pomeroli*	*Turborotalia possagnoensis*	*Globigerina yeguaensis*	*Globigerinatheka tropicalis*	*Planorotalites pseudoscitula*	*Turborotalia cerroazulensis*	*Dentoglobigerina galavisi*	*Subbotina cryptomphala*	*Subbotina praeturritilina*	*Catapsydrax unicavus*	*Globigerina euapertura*	*Turborotalia ampliapertura*	*Cassigerinella chipolensis*	*Globigerina ouachitaensis*	*Turborotalia pseudoampliapertura*	*Globorotaloides suteri*	*Pseudohastigerina naguewichiensis*	*Turborotalia increbescens*	*Subbotina gortanii*	*Tenuitella gemma*	*Tenuitella munda*	*Globigerina pseudovenezuelana*	*Dentoglobigerina globularis*	*Paraglobotalia opima nana*	*Globoquadrina tripartita*
10X-4, 48–53	78.28	P6	early Eocene	G	A																																	
10X-5, 40–45	79.70	P6	early Eocene	M	A																																	
10X-6, 40–46	80.70	P6	early Eocene	M	A																																	
10X-CC, 46–51	81.51	P6	early Eocene	P	C																																	
11X-1, 49–54	83.49	P6	early Eocene	M	A																																	
11X-2, 27–32	84.61	P5	early Eocene	P	R																																	
11X-CC, 46–51	85.20	Not defined	No age assignment	P	R																																	
12X-1, 50–54	93.10	P5	late Paleocene	P	A																																	
12X-2, 50–54	94.60	P5	late Paleocene	G	A																																	
12X-3, 50–54	96.10	P4	late Paleocene	G	A																																	
12X-4, 50–54	97.60	P4	late Paleocene	P	R																																	
12X-CC, 47–52	98.32	P4	late Paleocene	P	C																																	
13X-CC, 31–36	111.81	P4	late Paleocene	P	C																																	
14X-CC, 12–17	120.83	P4	late Paleocene	G	C																																	
15X-1, 51–54	122.01	P4	late Paleocene	M	A																																	
15X-4, 47–52	126.47	P4	late Paleocene	P	A																																	
15X-6, 47–51	129.47	P4	late Paleocene	M	A																																	
15X-CC, 39–44	131.32	P4	late Paleocene	M	C																																	
16X-1, 50–52	131.60	P4	late Paleocene	M	A																																	
16X-3, 48–51	134.58	P4	late Paleocene	P	C																																	
16X-4, 49–52	136.09	P4	late Paleocene	P	A																																	
16X-5, 40–43	137.50	P3	late Paleocene	M	A																																	
16X-CC, 58–63	138.37	P3	late Paleocene	M	C																																	
17X-1, 50–54	141.20	KS31–30	Maastrichtian–Campanian	M	A																																	
17X-2, 50–54	142.66	KS31–30	Maastrichtian–Campanian	M	A																																	
17X-3, 50–54	144.16	KS30	early Maastrichtian–late Campanian	M	A																																	
17X-4, 48–50	145.64	KS30	early Maastrichtian–late Campanian	G	A																																	
17X-5, 50–54	147.16	KS30	early Maastrichtian–late Campanian	M	A																																	
17X-6, 50–54	148.36	KS30	early Maastrichtian–late Campanian	P	C																																	
17X-CC, 59–64	149.08	KS30	early Maastrichtian–late Campanian	M	C																																	
18X-1, 50–54	150.80	KS29–30	late Campanian	P	C																																	
18X-CC, 27–32	159.98	KS29–30	late Campanian	M	F																																	
19X-CC, 38–42	161.58				B																																	
20X-3, 36–40	172.76				B																																	
20X-4, 6–8	173.96	Not defined	No age assignment	P	R																																	
20X-5, 39–41	175.79	Not defined	Santonian?	M	R																																	
20X-6, 59–61	177.49	Not defined	Coniacian–Santonian?	M	R																																	
20X-CC, 35–39	178.07	Not defined	Coniacian–Santonian?	G	F																																	
21X-1, 51–53	179.51	Not defined	Coniacian–Santonian?	P	R																																	

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Globigerina corpulenta*	*Globigerina officinalis*	*Globigerina praebulloides*	*Globigerinella obesa*	*Candeina nitida*	*Globigerinella siphonifera*	*Globigerinoides extremus*	*Globigerinoides sacculifer*	*Globigerinoides seigliei*	*Globoquadrina altispira altispira*	*Globorotalia juanai*	*Globorotalia margaritae*	*Globorotalia menardi*	*Globorotalia plesiotumida*	*Orbulina universa*	*Sphaeroidinellopsis seminulina*
10X-4, 48–53	78.28	P6	early Eocene	G	A																
10X-5, 40–45	79.70	P6	early Eocene	M	A																
10X-6, 40–46	80.70	P6	early Eocene	M	A																
10X-CC, 46–51	81.51	P6	early Eocene	P	C																
11X-1, 49–54	83.49	P6	early Eocene	M	A																
11X-2, 27–32	84.61	P5	early Eocene	P	R																
11X-CC, 46–51	85.20	Not defined	No age assignment	P	R																
12X-1, 50–54	93.10	P5	late Paleocene	P	A																
12X-2, 50–54	94.60	P5	late Paleocene	G	A																
12X-3, 50–54	96.10	P4	late Paleocene	G	A																
12X-4, 50–54	97.60	P4	late Paleocene	P	R																
12X-CC, 47–52	98.32	P4	late Paleocene	P	C																
13X-CC, 31–36	111.81	P4	late Paleocene	P	C																
14X-CC, 12–17	120.83	P4	late Paleocene	G	C																
15X-1, 51–54	122.01	P4	late Paleocene	M	A																
15X-4, 47–52	126.47	P4	late Paleocene	P	A																
15X-6, 47–51	129.47	P4	late Paleocene	M	A																
15X-CC, 39–44	131.32	P4	late Paleocene	M	C																
16X-1, 50–52	131.60	P4	late Paleocene	M	A																
16X-3, 48–51	134.58	P4	late Paleocene	P	C																
16X-4, 49–52	136.09	P4	late Paleocene	P	A																
16X-5, 40–43	137.50	P3	late Paleocene	M	A																
16X-CC, 58–63	138.37	P3	late Paleocene	M	C																
17X-1, 50–54	141.20	KS31–30	Maastrichtian–Campanian	M	A																
17X-2, 50–54	142.66	KS31–30	Maastrichtian–Campanian	M	A																
17X-3, 50–54	144.16	KS30	early Maastrichtian–late Campanian	M	A																
17X-4, 48–50	145.64	KS30	early Maastrichtian–late Campanian	G	A																
17X-5, 50–54	147.16	KS30	early Maastrichtian–late Campanian	M	A																
17X-6, 50–54	148.36	KS30	early Maastrichtian–late Campanian	P	C																
17X-CC, 59–64	149.08	KS30	early Maastrichtian–late Campanian	M	C																
18X-1, 50–54	150.80	KS29–30	late Campanian	P	C																
18X-CC, 27–32	159.98	KS29–30	late Campanian	M	F																
19X-CC, 38–42	161.58				B																
20X-3, 36–40	172.76				B																
20X-4, 6–8	173.96	Not defined	No age assignment	P	R																
20X-5, 39–41	175.79	Not defined	Santonian?	M	R																
20X-6, 59–61	177.49	Not defined	Coniacian–Santonian?	M	R																
20X-CC, 35–39	178.07	Not defined	Coniacian–Santonian?	G	F																
21X-1, 51–53	179.51	Not defined	Coniacian–Santonian?	P	R																

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Hedbergella delrioensis*	*Ticinella primula*	*Hedbergella planispira*	*Favusella washitensis*	*Ticinella roberti*	*Biticinella breggiensis*	*Ticinella raynaudi*	*Globigerinelloides caseyi*	*Rotalipora greenhornensis*	*Whiteinella inornata*	*Heterohelix reussi*	*Whiteinella archaeocretacea*	*Whiteinella baltica*	*Archaeoglobigerina blowi*	*Archaeoglobigerina cretacea*	*Contusotruncana fornicata*	*Heterohelix globulosa*	*Globigerinelloides multispinus*	*Abathomphalus intermedius*	*Globigerinelloides prairiehillensis*	*Globotruncana aegyptiaca*	*Globotruncana arca*	*Globotruncana falsostuarti*	*Globotruncanella minuta*	*Globotruncanella petaloidea*	*Globotruncanella pschadae*	*Planoglobulina carseyae*	*Rugoglobigerina rugosa*	*Rugotruncana subcircumnodifer*	*Gansserina wiedenmayeri*	*Globotruncana esnehensis*	*Globotruncana linneiana*	*Globotruncanita stuarti*	*Laeviheterohelix dentata*	*Laeviheterohelix glabrans*
21X-CC, 0–5	179.90	Not defined	Santonian	M	F	X														X	X																		
22X-2, 50–51	190.60				B																																		
22X-CC, 15–20	190.88	Not defined	Coniacian–Santonian?	M	F														X	X																			
23X-5, 48–50	204.68				B																																		
23X-CC, 19–24	206.67	Not defined	Coniacian?	M	F	X										X	X		X																				
24X-1, 97–99	208.57				B																																		
24X-3, 51–54	211.11	Not defined	No age assignment	P	R																																		
24X-CC, 22–28	212.22	Not defined	Turonian	M	C								X			X	X	X																					
25X-2, 45–47	218.85				B																																		
25X-CC, 36–46	219.26	KS19	late Cenomanian	M	C								X	X	X																								
26X-4, 96–98	232.26				B																																		
26X-CC, 43–48	236.69				B																																		
27X-1, 50–54	237.00				B																																		
27X-2, 50–54	238.50				B																																		
27X-3, 50–54	240.00	Not defined	late Albian	P	R																																		
27X-CC, 46–51	244.08	KS14–16	late Albian	P	F					X		X																											
28X-CC, 41–46	252.13	KS14–16	late Albian	P	F	X					X	X																											
29X-CC, 41–46	265.66	Not defined	Albian	P	F	X		X	X	X																													
30X-CC, 38–43	275.32	Not defined	Albian	G	R	X	X	X																															
31X-CC, 51–56	276.42	Not defined	Albian	P	R	X	X																																

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 (mbsf)	Zone	Age	Preservation	Abundance	*Pseudoguembelina costulata*	*Rugoglobigerina hexacamerata*	*Globotruncanella citae*	*Heterohelix labellosa*	*Heterohelix punctulata*	*Rugoglobigerina scotti*	*Contusotruncana plummerae*	*Globotruncana bulloides*	*Globotruncanita atlantica*	*Globotruncanita pettersi*	*Globotruncana orientalis*	*Globotruncanella havanensis*	*Rugoglobigerina macrocephala*	*Heterohelix planata*	*Globotruncana mariei*	*Globotruncana ventricosa*	*Morozovella angulata*	*Morozovella velascoensis*	*Parasubbotina varianta*	*Parasubbotina variospira*	*Subbotina triloculinoides*	*Igorina albeari*	*Igorina pusilla*	*Morozovella acuta*	*Morozovella acutispira*	*Morozovella pasionensis*	*Subbotina triangularis*	*Acarinina nitida*	*Globanomalina pseudomenardii*	*Morozovella conicotruncata*	*Globanomalina imitata*	*Igorina tadjikistanensis*	*Morozovella occlusa*	*Subbotina velascoensis*	*Zeauvigerina aegyptiaca*
21X-CC, 0–5	179.90	Not defined	Santonian	M	F																																		
22X-2, 50–51	190.60				B																																		
22X-CC, 15–20	190.88	Not defined	Coniacian–Santonian?	M	F																																		
23X-5, 48–50	204.68				B																																		
23X-CC, 19–24	206.67	Not defined	Coniacian?	M	F																																		
24X-1, 97–99	208.57				B																																		
24X-3, 51–54	211.11	Not defined	No age assignment	P	R																																		
24X-CC, 22–28	212.22	Not defined	Turonian	M	C																																		
25X-2, 45–47	218.85				B																																		
25X-CC, 36–46	219.26	KS19	late Cenomanian	M	C																																		
26X-4, 96–98	232.26				B																																		
26X-CC, 43–48	236.69				B																																		
27X-1, 50–54	237.00				B																																		
27X-2, 50–54	238.50				B																																		
27X-3, 50–54	240.00	Not defined	late Albian	P	R																																		
27X-CC, 46–51	244.08	KS14–16	late Albian	P	F																																		
28X-CC, 41–46	252.13	KS14–16	late Albian	P	F																																		
29X-CC, 41–46	265.66	Not defined	Albian	P	F																																		
30X-CC, 38–43	275.32	Not defined	Albian	G	R																																		
31X-CC, 51–56	276.42	Not defined	Albian	P	R																																		

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Acarinina mckannai*	*Globanomalina ehrenbergi*	*Subbotina trivialis*	*Acarinina soldadoensis*	*Acarinina subsphaerica*	*Morozovella apanthesma*	*Subbotina cancellata*	*Morozovella aequa*	*Subbotina patagonica*	*Acarinina coalingensis*	*Globanomalina planoconica*	*Morozovella subbotinae*	*Chiloguembelina midwayensis*	*Chiloguembelina wilcoxensis*	*Igorina broedermanni*	*Morozovella gracilis*	*Morozovella marginodentata*	*Acarinina primitiva*	*Acarinina wilcoxensis*	*Morozovella formosa*	*Acarinina esnaensis*	*Acarinina pseudotopilensis*	*Pseudohastigerina micra*	*Acarinina quetra*	*Morozovella dolabrata*	*Morozovella lensiformis*	*Turborotalia praecentralis*	*Acarinina bullbrooki*	*Guembelitrioides nuttali*	*Morozovella aragonensis*	*Muricoglobigerina senni*	*Turborotalia griffinae*	*Acarinina rohri*	*Acarinina topilensis*	*Chiloguembelina cubensis*
21X-CC, 0–5	179.90	Not defined	Santonian	M	F																																	
22X-2, 50–51	190.60				B																																	
22X-CC, 15–20	190.88	Not defined	Coniacian–Santonian?	M	F																																	
23X-5, 48–50	204.68				B																																	
23X-CC, 19–24	206.67	Not defined	Coniacian?	M	F																																	
24X-1, 97–99	208.57				B																																	
24X-3, 51–54	211.11	Not defined	No age assignment	P	R																																	
24X-CC, 22–28	212.22	Not defined	Turonian	M	C																																	
25X-2, 45–47	218.85				B																																	
25X-CC, 36–46	219.26	KS19	late Cenomanian	M	C																																	
26X-4, 96–98	232.26				B																																	
26X-CC, 43–48	236.69				B																																	
27X-1, 50–54	237.00				B																																	
27X-2, 50–54	238.50				B																																	
27X-3, 50–54	240.00	Not defined	late Albian	P	R																																	
27X-CC, 46–51	244.08	KS14–16	late Albian	P	F																																	
28X-CC, 41–46	252.13	KS14–16	late Albian	P	F																																	
29X-CC, 41–46	265.66	Not defined	Albian	P	F																																	
30X-CC, 38–43	275.32	Not defined	Albian	G	R																																	
31X-CC, 51–56	276.42	Not defined	Albian	P	R																																	

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Clavigerinella akersi*	*Globigerinatheka mexicana*	*Globigerinatheka subconglobata*	*Morozovella spinulosa*	*Subbotina boweri*	*Subbotina linaperta*	*Acarinina praetopilensis*	*Globigerinatheka index*	*Globigerinatheka kugleri*	*Orbulinoides beckmanni*	*Turborotalia pomeroli*	*Turborotalia possagnoensis*	*Globigerina yeguaensis*	*Globigerinatheka tropicalis*	*Planorotalites pseudoscitula*	*Turborotalia cerroazulensis*	*Dentoglobigerina galavisi*	*Subbotina cryptomphala*	*Subbotina praeturritilina*	*Catapsydrax unicavus*	*Globigerina euapertura*	*Turborotalia ampliapertura*	*Cassigerinella chipolensis*	*Globigerina ouachitaensis*	*Turborotalia pseudoampliapertura*	*Globorotaloides suteri*	*Pseudohastigerina naguewichiensis*	*Turborotalia increbescens*	*Subbotina gortanii*	*Tenuitella gemma*	*Tenuitella munda*	*Globigerina pseudovenezuelana*	*Dentoglobigerina globularis*	*Paraglobotalia opima nana*	*Globoquadrina tripartita*
21X-CC, 0–5	179.90	Not defined	Santonian	M	F																																	
22X-2, 50–51	190.60				B																																	
22X-CC, 15–20	190.88	Not defined	Coniacian–Santonian?	M	F																																	
23X-5, 48–50	204.68				B																																	
23X-CC, 19–24	206.67	Not defined	Coniacian?	M	F																																	
24X-1, 97–99	208.57				B																																	
24X-3, 51–54	211.11	Not defined	No age assignment	P	R																																	
24X-CC, 22–28	212.22	Not defined	Turonian	M	C																																	
25X-2, 45–47	218.85				B																																	
25X-CC, 36–46	219.26	KS19	late Cenomanian	M	C																																	
26X-4, 96–98	232.26				B																																	
26X-CC, 43–48	236.69				B																																	
27X-1, 50–54	237.00				B																																	
27X-2, 50–54	238.50				B																																	
27X-3, 50–54	240.00	Not defined	late Albian	P	R																																	
27X-CC, 46–51	244.08	KS14–16	late Albian	P	F																																	
28X-CC, 41–46	252.13	KS14–16	late Albian	P	F																																	
29X-CC, 41–46	265.66	Not defined	Albian	P	F																																	
30X-CC, 38–43	275.32	Not defined	Albian	G	R																																	
31X-CC, 51–56	276.42	Not defined	Albian	P	R																																	

Table T4 (continued).

Core, section, interval (cm)	Depth (mbsf)	Zone	Age	Preservation	Abundance	*Globigerina corpulenta*	*Globigerina officinalis*	*Globigerina praebulloides*	*Globigerinella obesa*	*Candeina nitida*	*Globigerinella siphonifera*	*Globigerinoides extremus*	*Globigerinoides sacculifer*	*Globigerinoides seigliei*	*Globoquadrina altispira altispira*	*Globorotalia juanai*	*Globorotalia margaritae*	*Globorotalia menardi*	*Globorotalia plesiotumida*	*Orbulina universa*	*Sphaeroidinellopsis seminulina*
21X-CC, 0–5	179.90	Not defined	Santonian	M	F																
22X-2, 50–51	190.60				B																
22X-CC, 15–20	190.88	Not defined	Coniacian–Santonian?	M	F																
23X-5, 48–50	204.68				B																
23X-CC, 19–24	206.67	Not defined	Coniacian?	M	F																
24X-1, 97–99	208.57				B																
24X-3, 51–54	211.11	Not defined	No age assignment	P	R																
24X-CC, 22–28	212.22	Not defined	Turonian	M	C																
25X-2, 45–47	218.85				B																
25X-CC, 36–46	219.26	KS19	late Cenomanian	M	C																
26X-4, 96–98	232.26				B																
26X-CC, 43–48	236.69				B																
27X-1, 50–54	237.00				B																
27X-2, 50–54	238.50				B																
27X-3, 50–54	240.00	Not defined	late Albian	P	R																
27X-CC, 46–51	244.08	KS14–16	late Albian	P	F																
28X-CC, 41–46	252.13	KS14–16	late Albian	P	F																
29X-CC, 41–46	265.66	Not defined	Albian	P	F																
30X-CC, 38–43	275.32	Not defined	Albian	G	R																
31X-CC, 51–56	276.42	Not defined	Albian	P	R																