Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Micas	Biotite	Muscovite	Clay Minerals	Chlorite	Glauconite	Chert	Zircon	Ferromagnesium minerals	Barite	Phosphorite/Apatite	Zeolite	Pyrite	Magnetite	Fe-oxide	Calcite	Dolomite	Crystal grain	Vitric grain	Lithic grain	Foraminifera	Planktonic foraminifera	Benthic foraminifera	Nannofossil	Coccoliths (Nannofossils)	Discoasters (Nannofossils)	Pteropods	Radiolaria	Spumellaria (Radiolaria)	Nassellaria (Radiolaria)	Diatoms	Centric (Diatoms)	Pennate(Diatoms)	Chaetoceros Resting Spores	Silicoflagellates	Sponge spicules	Dinoflagellates	Spores	Pollen	Organic debris	Plant debris	Ebridians	Echinoderm	Fish remains	Bryozoans	Bivalves	Corals	Others
323-U1341A-1H-1-A 1	0.01	0.01	Diatom silt	15	20																		5				5						1					1		18	32			2												
323-U1341A-1H-1-A 39	0.39	0.39	Foraminifer- and sponge-spicule-bearing diatom ooze	5	10																2		1				15		8				3					1		25	25			5												
323-U1341A-1H-1-A 138	1.38	1.38	Diatom-bearing foraminifer ooze (white sandy blob)	7	3					2											2						3		83	63	20		2							5	5															
323-U1341A-1H-2-A 13	1.63	1.63	Foraminifer- and nannofossil-rich diatom ooze (dark lamina)									15									3		2						15				25							30	10															
323-U1341A-1H-2-A 18	1.68	1.68	Foraminifer- and nannofossil-rich diatom ooze (light lamina)																										27	22	5		23							40	10															
323-U1341A-1H-2-A 75	2.25	2.25	Foraminifer- and nannofossil-bearing diatom-rich clayey silt	30	21					1											5		3						6				6				1	1		12	12															
323-U1341A-2H-2-A 90	5.40	5.40	Diatom silt	35	10					3											5		2				5						3							22	15															
323-U1341A-2H-4-A 45	7.95	7.95	Diatom silt	30	12					5											5		3				5		3											25	11			1												
323-U1341A-3H-3-A 100	16.50	16.50	Diatom silt (major lithology)	10	10				20			5															20												30																	
323-U1341A-3H-5-A 60	19.10	19.10	Diatom clay (secondary lithology)	5	5							40																											50																
323-U1341A-4H-6-A 110	30.60	30.60	Diatom ooze	8	4			2													4																		81					5											
323-U1341A-4H-7-A 19	31.19	31.19	Diatom-rich silt	16	10												2				10						16												37					5											
323-U1341A-5H-1-A 100	32.50	32.50	Diatom silt (secondary lithology)	10	5			5				10					5				10			5																30	20															
323-U1341A-5H-5-A 100	38.50	38.50	Clayey diatom ooze (major lithology)	5								20									10			5																55	5															
323-U1341A-6H-1-A 80	41.80	41.80	diatom clay (main lithology)	10	10												20																						60																
323-U1341A-6H-4-A 70	46.20	46.20	Diatom silt (secondary lithology)	5								25											25																45																
323-U1341A-7H-2-A 120	53.20	53.20	Diatom silt (secondary lithology)	15	10				2												5																		50																
323-U1341A-7H-5-A 80	57.30	57.30	Diatom silty clay (major lithology)	10	10							35																											45																
323-U1341A-8H-7-A 10	68.60	68.60	Diatom rich nano ooze with a lot of dolomiteic carbonate (minor lithology)	5								5												10						5			50							20					5											
323-U1341A-9H-2-A 40	71.40	71.40	Nanno-rich diatom ooze (minor)	2	2							9																	2			20				5			50			5	5												
323-U1341A-9H-4-A 40	74.40	74.40	Diatom silt (major lithology)	10													20				10															10			45			5													
323-U1341A-9H-7-A 40	78.90	78.90	Nanno-bearing foraminifera-bearing Diatom clay (secondary)	5								10					10				10								10			10							45																
323-U1341A-10H-1-A 40	79.40	79.40	Nanno-bearing diatom ooze (secondary)	5	10				2												5								2			10							70	40	30															
323-U1341A-10H-3-A 140	83.40	83.40	Diatom silt (major)	5	10				2												5				2							5							60																
323-U1341A-11H-3-A 70	92.20	92.20	Diatom-rich spicule-rich silt	20		5						5					5				5		5	5															25					25												
323-U1341A-11H-4-A 70	93.70	93.70	Silico-rich diatom ooze (major)	3								25													2				5							2			5				15	2												
323-U1341A-13H-2-A 100	110.00	110.00	Diatom ooze (main lihology)	9	8																3																			37	40		3												
323-U1341A-13H-5-A 70	114.20	114.20	diatom ooze (main lithology)	10	10																5		1																	34	34		6												
323-U1341A-13H-6-A 17	115.17	115.17	diatom-bearing sponge spicule ooze (white spot)	20																																				5	2			73												

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Micas	Biotite	Muscovite	Clay Minerals	Chlorite	Glauconite	Chert	Zircon	Ferromagnesium minerals	Barite	Phosphorite/Apatite	Zeolite	Pyrite	Magnetite	Fe-oxide	Calcite	Dolomite	Crystal grain	Vitric grain	Lithic grain	Foraminifera	Planktonic foraminifera	Benthic foraminifera	Nannofossil	Coccoliths (Nannofossils)	Discoasters (Nannofossils)	Pteropods	Radiolaria	Spumellaria (Radiolaria)	Nassellaria (Radiolaria)	Diatoms	Centric (Diatoms)	Pennate(Diatoms)	Chaetoceros Resting Spores	Silicoflagellates	Sponge spicules	Dinoflagellates	Spores	Pollen	Organic debris	Plant debris	Ebridians	Echinoderm	Fish remains	Bryozoans	Bivalves	Corals	Others
323-U1341A-14H-1-A 55	117.55	117.55	Diatom ooze	3	3																3																		38	37		3	3													
323-U1341A-14H-4-A 65	122.15	122.15	Silicoflagellate-bearing diatom ooze	15	5																7		2				5												30	29		5	2													
323-U1341A-16H-1-A 80	136.80	136.80	Diatom ooze	10	5																3												1						45	33			3													
323-U1341A-16H-3-A 85	139.85	139.85	Diatom ooze	18	17																4		1																30	30																
323-U1341A-16H-4-SED56	141.70	141.70	Diatom ooze	10	5																4		3																35	43																
323-U1341A-16H-5-A 48	142.48	142.48	Diatom ooze (authigenic carbonate rich); main lithology; white/grey and indurated	5	3																5		2		50														20	21		2	2													
323-U1341A-16H-6-A 95	144.45	144.45	Diatom ooze	22	8																5																		40	23			2													
323-U1341A-17H-4-A 95	150.95	150.95	diatom ooze (main green lithology)	15	15					3											5												3						25	14																
323-U1341A-17H-5-A 82	152.32	152.32	diatom ooze (grey main lithology and MS anomaly)	2	2			1		2											5		1																26	60			1													
323-U1341A-17H-5-A 100	152.50	152.50	diatom ooze (grey main lithology and MS anomaly)	10	10																5				5				1				3						21	40			5													
323-U1341A-17H-6-A 20	153.20	153.20	diatom clay (main lithology gray)	15	15																						10												28	20		1	3													
323-U1341A-19H-5-A 64	171.14	171.14	dolostone		3																				50		10										1	30					10													
323-U1341A-19H-5-A 64	171.14	171.14	dolostone (lumpy whitish sections)		3																				50		10										1	30					10													
323-U1341A-21H-2-A 40	185.40	185.40	diatom-rich silt (minor dark greenish gray)	15	20			5			5	10									10						5											35																			
323-U1341A-21H-3-A 100	187.50	187.50	diatom silt (major olive)	10	20																2						5											55																		
323-U1341A-21H-7-A 20	192.70	192.70	diatom-rich clayey silt (secondary dark grey)	15	20						5	20									2																		30	10																	
323-U1341A-22H-1-A 10	193.10	193.10	diatom-rich silt	15	30				5			10									2																	30	10	20																	
323-U1341A-22H-4-A 110	198.60	198.60	diatom silt	10	25				5			15																											30	14																
323-U1341A-23H-1-A 90	203.40	203.40	diatom ooze	5				5									5				5							20										70					10													
323-U1341A-23H-4-A 10	207.10	207.10	diatom-bearing, sponge spicule silt (minor lithology)	30		5			5												10		5				5								5			5					25													
323-U1341A-23H-7-A 40	211.90	211.90	sponge spicule-rich diatom clay	3			5	2				25									5																	40					20													
323-U1341A-24H-1-A 81	212.81	212.81	sponge spicule-diatom ooze (main)	15								5								5																			35	10			30													
323-U1341A-24H-4-A 80	217.30	217.30							5			10									2						10												40	35																
323-U1341A-24H-5-A 69	218.69	218.69	diatom-bearing fine ash								5														5		80											10																		
323-U1341A-24H-7-A 9	220.49	220.49	dolomitized diatom clay	5								30									2						15												20	20																
323-U1341A-25H-2-A 30	223.30	223.30		2	2															3	3						15												50	25																
323-U1341A-25H-7-A 30	230.80	230.80		3	5							15					2				2				1		5												45	20			2													
323-U1341A-27H-2-A 50	235.20	235.20	sponge spicule-bearing diatom ooze	5	10							10					3				5														2				30	10		5	20													
323-U1341A-27H-5-A 50	239.70	239.70	diatom ooze	3	5												2						2				10												40	18		10	10													

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Micas	Biotite	Muscovite	Clay Minerals	Chlorite	Glauconite	Chert	Zircon	Ferromagnesium minerals	Barite	Phosphorite/Apatite	Zeolite	Pyrite	Magnetite	Fe-oxide	Calcite	Dolomite	Crystal grain	Vitric grain	Lithic grain	Foraminifera	Planktonic foraminifera	Benthic foraminifera	Nannofossil	Coccoliths (Nannofossils)	Discoasters (Nannofossils)	Pteropods	Radiolaria	Spumellaria (Radiolaria)	Nassellaria (Radiolaria)	Diatoms	Centric (Diatoms)	Pennate(Diatoms)	Chaetoceros Resting Spores	Silicoflagellates	Sponge spicules	Dinoflagellates	Spores	Pollen	Organic debris	Plant debris	Ebridians	Echinoderm	Fish remains	Bryozoans	Bivalves	Corals	Others
323-U1341A-28H-4-A 25	247.45	247.45	diatom ooze (light laminae)																	23							5												69																	
323-U1341A-28H-4-A 27	247.47	247.47	diatom ooze (dark laminae)	6																	1						6												86																	
323-U1341A-29H-2-A 93	254.63	254.63	sponge spicule ooze (white spot)																																				10	10				90												
323-U1341A-29H-6-A 40	260.10	260.10	diatom ooze	9	9																6					3	9												62																	
323-U1341A-30H-2-A 90	264.10	264.10	diatom ooze (major)	5		10		5													3																			57	20																
323-U1341A-30H-2-A 138	264.58	264.58	pennate diatom ooze (white clayey spot)	2																																				25	73																
323-U1341A-30H-5-A 77	268.47	268.47	fine ash (ash layer lamination)		5												5										90																													
323-U1341A-30H-6-A 90	270.10	270.10	sponge spicule-bearing diatom ooze	3	5			10													5				2		15													30	10			20												
323-U1341A-31H-7-A 63	280.83	280.83	diatom ooze (light colored lamina)	3	2																1						10									1				40	40			1												
323-U1341A-31H-7-A 75	280.95	280.95	diatom ooze (dark colored lamina)	5	3			1													1						5		1											50	30			4												
323-U1341A-32H-3-A 24	283.94	283.94	dolomite-rich diatom ooze																						50															15	35															
323-U1341A-33H-6-A 50	298.20	298.20	diatom ooze (white lamina)																																					70	30															
323-U1341A-33H-6-A 58	298.28	298.28	diatom ooze (black colored lamina)	10	5																7																			30	50															
323-U1341A-33H-6-A 59	298.29	298.29	diatom ooze	3	2			1													2																			50	40			1												
323-U1341A-34H-4-A 34	304.54	304.54	diatom-bearing fine-ashy silt (dark lamina)	25	25			5									5				10						20												10					1												
323-U1341A-35H-2-A 129	311.99	311.99	diatom ooze	15	15																5						5													40	20			1												
323-U1341A-35H-4-A 98	314.68	314.68	diatom-rich fine ash (white patches near gravel)	10	5																1						65								1					20	5															
323-U1341A-40H-4-A 31	356.31	356.31	diatom ooze	1	1			1													1																		95																

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Micas	Biotite	Muscovite	Clay Minerals	Chlorite	Glauconite	Chert	Zircon	Ferromagnesium minerals	Barite	Phosphorite/Apatite	Zeolite	Pyrite	Magnetite	Fe-oxide	Calcite	Dolomite	Crystal grain	Vitric grain	Lithic grain	Foraminifera	Planktonic foraminifera	Benthic foraminifera	Nannofossil	Coccoliths (Nannofossils)	Discoasters (Nannofossils)	Pteropods	Radiolaria	Spumellaria (Radiolaria)	Nassellaria (Radiolaria)	Diatoms	Centric (Diatoms)	Pennate(Diatoms)	Chaetoceros Resting Spores	Silicoflagellates	Sponge spicules	Dinoflagellates	Spores	Pollen	Organic debris	Plant debris	Ebridians	Echinoderm	Fish remains	Bryozoans	Bivalves	Corals	Others
323-U1341B-1H-2-A 19	1.69	1.69	nannno-rich diatom ooze (minor)																										11			26							56								7								
323-U1341B-1H-2-A 90	2.40	2.40	diatom silt (major)	29					6								8				5						5												44																
323-U1341B-1H-6-A 80	8.30	8.30	diatom ooze (secondary)																		4						21		8										65																
323-U1341B-2H-3-A 125	12.95	12.95	diatom-rich clayey silt	12	13			10				15									15		3		2		5													20	5															
323-U1341B-2H-7-A 50	18.20	18.20	diatom ooze (major)	5	10									0			3				2						5													30	45															
323-U1341B-3H-4-A 42	23.12	23.12	diatom ooze	5	5							5																								2			80					3											
323-U1341B-3H-6-A 50	26.20	26.20	diatom silt	5			5	5				20					10				5		10																35					5											
323-U1341B-4H-1-A 120	28.90	28.90	diatom silt (secondary)	20	5							30																								3			55				2												
323-U1341B-4H-6-A 60	35.80	35.80	diatom clay (major)	8				5				30																								1			50				1												
323-U1341B-5H-7-A 13	46.33	46.33	foraminifera-rich diatom ooze (laminae)					9																20			1			10			5			1			50				5												
323-U1341B-5H-7-A 15	46.35	46.35	diatom clay (major)	10					3			20									3		2																50				2												
323-U1341B-6H-2-A 60	48.80	48.80	nannofossil-bearing diatom ooze (major)				5	5																						5			10						75																
323-U1341B-6H-3-A 7	49.77	49.77	nannofossil-rich diatom ooze (minor light green); nannofossilo reworked									20												10						5				5					60																
323-U1341B-7H-3-A 70	59.90	59.90	diatom ooze (major)	10	10																2						5												80	60	20														
323-U1341B-8H-3-A 68	69.38	69.38	foraminifera-bearing coccolith-rich diatom ooze	3	3							5								5	2			35			2		8				10							15	5		2	5												
323-U1341B-9H-1-A 110	76.30	76.30	sponge spicule bearing diatom silt	30	10			2															2				5									1				20	20		1	10												
323-U1341B-9H-3-A 90	79.10	79.10	diatom ooze	10	5																1						5													50	30														
323-U1341B-9H-5-A 93	82.13	82.13	diatom silt	15	15			2													2		1				10		1											35	20														
323-U1341B-13H-4-A 10	117.80	117.80	diatom ooze	4																																				55	39		2												
323-U1341B-16H-1-A 130	143.00	143.00	fine ash	15	5																						75												3																
323-U1341B-16H-1-A 140	143.10	143.10	diatom fine ash (dolomite?); light green spot / burrow	10																					20		40										1		30					1												
323-U1341B-16H-1-A 141	143.11	143.11	foraminifer-bearing sponge spicule -bearing diatom silt (outside the light green spots in main lithology)	20	10																2						10		5							1			45					7												
323-U1341B-17H-1-A 119	152.39	152.39	fine ash																								100																												
323-U1341B-17H-2-A 140	154.10	154.10	diatom bearing clay (authigenic carbonate)	1				2																	89															5	1			2												
323-U1341B-19H-5-A 60	173.30	173.30	diatom clayey silt	43																	2						3													30	13															
323-U1341B-21H-5-A 80	187.50	187.50	diatom ooze	9																	9					3	16												62																
323-U1341B-21H-7-A 50	190.20	190.20	diatom ooze																		4						13													62	20															
323-U1341B-22H-2-A 30	192.00	192.00	diatom ooze	3																	3						7												86																

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Micas	Biotite	Muscovite	Clay Minerals	Chlorite	Glauconite	Chert	Zircon	Ferromagnesium minerals	Barite	Phosphorite/Apatite	Zeolite	Pyrite	Magnetite	Fe-oxide	Calcite	Dolomite	Crystal grain	Vitric grain	Lithic grain	Foraminifera	Planktonic foraminifera	Benthic foraminifera	Nannofossil	Coccoliths (Nannofossils)	Discoasters (Nannofossils)	Pteropods	Radiolaria	Spumellaria (Radiolaria)	Nassellaria (Radiolaria)	Diatoms	Centric (Diatoms)	Pennate(Diatoms)	Chaetoceros Resting Spores	Silicoflagellates	Sponge spicules	Dinoflagellates	Spores	Pollen	Organic debris	Plant debris	Ebridians	Echinoderm	Fish remains	Bryozoans	Bivalves	Corals	Others
323-U1341B-22H-4-A 60	195.30	195.30	diatom-rich silt (major)	12	12							3					2				12						17											24																		
323-U1341B-23H-2-A 108	202.28	202.28	dolomatized diatom ooze (white layer: accessory)																						50														45				5												
323-U1341B-23H-4-A 40	204.60	204.60	diatom ooze	8	10							5								3	5				2		10												32	20			5												
323-U1341B-23H-6-A 130	208.50	208.50	sponge spicule diatom clayey silt (secondary)	10	12							15					3				10						5												15	10			20												
323-U1341B-24H-3-A 121	213.41	213.41	sponge spicule bearing silicoflagellate rich diatom ooze (lamina reddish)	5																																		70				15	10											
323-U1341B-24H-3-A 121	213.41	213.41	spicule-bearing silico-rich diatom ooze (reddish laminae)	5																																		70				15	10											
323-U1341B-24H-4-A 40	214.10	214.10	diatom ooze (major)	8	10							5								3	5				2		10												32	20			5												
323-U1341B-24H-4-A 40	214.10	214.10	diatom ooze (major)	5								10																										85																
323-U1341B-24H-7-A 28	218.48	218.48	diatom ooze (major)	5																																		85					10											
323-U1341B-25H-1-A 53	219.23	219.23	spicule diatom ooze (black laminae)		5							10									10				1														24	20	10		20												
323-U1341B-25H-3-A 145	223.15	223.15	fine ash																								100																											
323-U1341B-26H-1-A 70	228.90	228.90	diatom ooze (major)		3																1				2		15												40	30			3												
323-U1341B-26H-2-A 30	230.00	230.00	diatom fine ash (dark greenish brown layer)					5													5						40												30	20															
323-U1341B-26H-7-A 10	237.30	237.30	diatom-rich silt (2nd)	15	20							20									10				10		5												10	7															
323-U1341B-27H-4-A 50	242.70	242.70	diatom ooze (major)	10																																		90	60	40														
323-U1341B-27H-4-A 150	243.70	243.70	diatom ooze	30																	4					1	4											60																
323-U1341B-28H-2-A 20	248.90	248.90	sponge spicule-bearing diatom ooze	2	3							3									5				2		3								2				20	52			8												
323-U1341B-28H-7-A 20	256.40	256.40	diatom silt	10	10							20					2				10				3		5												30	10															
323-U1341B-29H-2-A 130	259.50	259.50	diatom ooze		3							7									3				2														43	40			2												
323-U1341B-29H-4-A 20	261.40	261.40	diatom clayey silt	7	10			5				20									10						5												20	20	3														
323-U1341B-29H-6-A 80	265.00	265.00	diatom ooze									5					2				3						3												40	45		2													
323-U1341B-30H-1-A 26	266.46	266.46	diatom ooze (green lamination)	10	5			2													1						5								1				35	40		1													
323-U1341B-30H-1-A 27	266.47	266.47	diatom ooze (light lamination)	5	5			1																											1				40	45			3												
323-U1341B-32H-3-A 3	286.23	286.23	dolomite (hard light-colored lumps)		2																1				55														20	20															
323-U1341B-32H-3-A 13	286.33	286.33	diatom ooze (light colored granular layer in diatom ooze)		3																																		35	60		1	1												
323-U1341B-32H-5-A 100	289.34	289.34	diatom ooze	2	3			1													1																		60	40		1													
323-U1341B-33H-1-A 60	293.90	293.90	diatom ooze	3	2																1														1			95																
323-U1341B-34H-2-A 53	303.23	303.23	diatom ooze (more reddish thin bed in diatom ooze)	5	5																1						10								1			77					1												
323-U1341B-37H-2-A 78	328.58	328.58	diatom silt	15	10			5				10									1						5											55				1	1												

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Micas	Biotite	Muscovite	Clay Minerals	Chlorite	Glauconite	Chert	Zircon	Ferromagnesium minerals	Barite	Phosphorite/Apatite	Zeolite	Pyrite	Magnetite	Fe-oxide	Calcite	Dolomite	Crystal grain	Vitric grain	Lithic grain	Foraminifera	Planktonic foraminifera	Benthic foraminifera	Nannofossil	Coccoliths (Nannofossils)	Discoasters (Nannofossils)	Pteropods	Radiolaria	Spumellaria (Radiolaria)	Nassellaria (Radiolaria)	Diatoms	Centric (Diatoms)	Pennate(Diatoms)	Chaetoceros Resting Spores	Silicoflagellates	Sponge spicules	Dinoflagellates	Spores	Pollen	Organic debris	Plant debris	Ebridians	Echinoderm	Fish remains	Bryozoans	Bivalves	Corals	Others
323-U1341B-38H-3-A 120	340.00	340.00	diatom ooze																		6						9												71					8													
323-U1341B-38H-6-A 60	343.90	343.90	diatom silt	10	15							9									9						8												45					4												
323-U1341B-39H-1-A 40	345.70	345.70	diatom silty clay		8	13						26									8						6													26	13															
323-U1341B-39H-4-A 6	349.86	349.86	dolomotized diatom-rich clay									35													40														25																	
323-U1341B-39H-7-A 40	354.70	354.70	diatom clay	3	7						3	30															7													30	20															
323-U1341B-39H-7-A 43	354.73	354.73	diatom ooze	8	4							8																										80																	
323-U1341B-41H-1-A 40	358.70	358.70	diatom ooze	5													5																							70	20															
323-U1341B-41H-3-A 60	361.90	361.90	diatom clay (lamina)	5								45					2																					55				3	5												
323-U1341B-41H-3-A 106	362.36	362.36	clayey dolomite									10													90																															
323-U1341B-41H-5-A 30	364.60	364.60	diatom ooze (lamina)	2								5									5																			20	65		1	2												
323-U1341B-42H-1-A 80	368.60	368.60	diatom ooze	5			3					20									2																	60				5	5												
323-U1341B-43H-5-A 98	380.94	380.94	diatom ooze (lamina, monospecific pennate diatom mat)									10																											50	85															
323-U1341B-43H-8-A 60	384.96	384.96	diatom clay	15								45																										40																	
323-U1341B-44H-1-A 60	385.90	385.90	diatom clay	10								40									5																	45																	
323-U1341B-44H-5-A 47	391.77	391.77	coarse ash	5													2										80											13																	
323-U1341B-44H-6-A 90	393.70	393.70	diatom ooze									25																										60		10			5												
323-U1341B-45H-4-A 30	399.60	399.60	diatom silty clay	6	4							21									6						6											43					10												
323-U1341B-45H-6-A 20	402.50	402.50	diatom-rich clay	6								30									2					2	10											40					5												
323-U1341B-46H-2-A 13	405.43	405.43	diatom clay (major)	7								43														2										2		43					2												
323-U1341B-46H-4-A 52	408.82	408.82	shell fragment																					95														5																	
323-U1341B-51H-1-A 15	431.35	431.35	diatom ooze (white lamination)	3	2					1																													50	45			1												
323-U1341B-51H-1-A 90	432.10	432.10	diatom-rich fine ash (thin white ashy layer)	5	3			2													2						60												20	10																
323-U1341B-51H-2-A 30	433.00	433.00	diatom ooze (white lamination, same as 51H-1A-15cm)	3	2																																		55	40			1												
323-U1341B-57X-2-A 103	460.93	460.93	sponge spicule-bearing diatom ooze	10	3			1									1				1																1		50	20			15												
323-U1341B-57X-4-A 82	463.72	463.72	diatom ooze (reddish thin bed)	10	5																1																1		60	20			2												
323-U1341B-58X-5-A 110	474.80	474.80	diatom-rich silty clay	21	15							30															4										1		15	6			9												
323-U1341B-58X-6-A 90	476.10	476.10	diatom ooze	5								5																											70	20															
323-U1341B-59X-1-A 6	477.06	477.06	diatom ooze (reddish colored bed)	10	2																2						1									1			60	20			2												
323-U1341B-59X-2-A 22	478.72	478.72	sponge-spicule-bearing diatom ooze	10	5			2																			10											65					5												

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Micas	Biotite	Muscovite	Clay Minerals	Chlorite	Glauconite	Chert	Zircon	Ferromagnesium minerals	Barite	Phosphorite/Apatite	Zeolite	Pyrite	Magnetite	Fe-oxide	Calcite	Dolomite	Crystal grain	Vitric grain	Lithic grain	Foraminifera	Planktonic foraminifera	Benthic foraminifera	Nannofossil	Coccoliths (Nannofossils)	Discoasters (Nannofossils)	Pteropods	Radiolaria	Spumellaria (Radiolaria)	Nassellaria (Radiolaria)	Diatoms	Centric (Diatoms)	Pennate(Diatoms)	Chaetoceros Resting Spores	Silicoflagellates	Sponge spicules	Dinoflagellates	Spores	Pollen	Organic debris	Plant debris	Ebridians	Echinoderm	Fish remains	Bryozoans	Bivalves	Corals	Others
323-U1341B-60X-7-A 73	495.93	495.93	diatom-rich sponge spicule silt (white spot)	25	25																																	20					30												
323-U1341B-60X-7-A 80	496.00	496.00	diatom ooze	10	10			2									1				1						5									1			60	10			2												
323-U1341B-60X-7-A 96	496.16	496.16	diatom ooze (light colored bed)	5	5																1				50											1			35					3												
323-U1341B-61X-4-A 50	501.20	501.20	diatom silty clay (major)	6								21									4						2												52					15												
323-U1341B-62X-2-A 110	508.50	508.50	diatom ooze	10								10									5				5		2													40	30															
323-U1341B-62X-6-A 110	514.50	514.50	dolomitised diatom ooze (hard part and soft part)																		5			36															36					7												
323-U1341B-63X-4-A 90	521.00	521.00	dolomitised diatom ooze (hard part)	2	3							10									1				30															30	25															
323-U1341B-63X-5-A 100	522.60	522.60	dolomitised diatom ooze	5	5							30													20														40																
323-U1341B-64X-4-A 130	531.00	531.00	diatom ooze	3	5							10					2				10						10													50	10															
323-U1341B-64X-CC-A 13	534.68	534.68	sponge spicule aggregate (white spot)																																					5				95												
323-U1341B-65X-3-A 80	538.60	538.60	diatom clay		3							35					2				10						5												40					5												
323-U1341B-65X-6-A 45	542.55	542.55	diatom ooze		5							10					3			2	15																			38	20			7												
323-U1341B-66X-CC-A 20	549.10	549.10	diatom clayey silt	7	10							17									3						10												50					3												
323-U1341B-67X-3-A 141	558.41	558.41	diatom ooze								5	20									5																			50	20															
323-U1341B-67X-4-A 125	559.75	559.75	diatom clay	5								40									5																			40	10															
323-U1341B-68X-1-A 110	564.80	564.80	diatom clay	10								40									2																			35	13															
323-U1341B-68X-3-A 110	567.80	567.80	diatom ooze	5								20									2																			33	40															
323-U1341B-70X-3-A 60	586.50	586.50	diatom ooze	7								18									2																		73																
323-U1341B-70X-5-A 10	589.00	589.00	diatom silty clay	5	5							34									3																		43					9												

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Micas	Biotite	Muscovite	Clay Minerals	Chlorite	Glauconite	Chert	Zircon	Ferromagnesium minerals	Barite	Phosphorite/Apatite	Zeolite	Pyrite	Magnetite	Fe-oxide	Calcite	Dolomite	Crystal grain	Vitric grain	Lithic grain	Foraminifera	Planktonic foraminifera	Benthic foraminifera	Nannofossil	Coccoliths (Nannofossils)	Discoasters (Nannofossils)	Pteropods	Radiolaria	Spumellaria (Radiolaria)	Nassellaria (Radiolaria)	Diatoms	Centric (Diatoms)	Pennate(Diatoms)	Chaetoceros Resting Spores	Silicoflagellates	Sponge spicules	Dinoflagellates	Spores	Pollen	Organic debris	Plant debris	Ebridians	Echinoderm	Fish remains	Bryozoans	Bivalves	Corals	Others
323-U1341C-1H-1-A 60	0.60	0.60	diatom clayey silt	10	10							20															5													40	10			2												
323-U1341C-1H-1-A 121	1.21	1.21	foraminfer ooze (thin white beds)	2																										96	2																								
323-U1341C-1H-3-A 60	3.60	3.60	foraminifer-bearing diatom silty clay	10	5			1				30															5		5							2				30	10			2												
323-U1341C-2H-1-A 60	6.10	6.10	foraminifer-bearing diatom clayey silt	10	20							10									2						5		10											30	20		1	2												
323-U1341C-3H-2-A 100	17.50	17.50	diatom ooze	2	3							2					1				2						2													50	35		2	1												
323-U1341C-3H-4-A 45	19.95	19.95	diatom clayey silt	20	15			2				20									1						5		2							1				20	10		1	2												
323-U1341C-3H-6-A 32	22.82	22.82	radiolarian-bearing diatom ooze	10	10							15																								5				20	40		1	2												
323-U1341C-4H-1-A 70	25.20	25.20	diatom clayey silt	30	20			3				10									1						5												30					1												
323-U1341C-4H-3-A 18	27.68	27.68	foraminifer-rich diatom-rich silt (sandy layer)	20	20			5				10					1										10		20										12					2												
323-U1341C-4H-3-A 94	28.44	28.44	foraminifer-rich diatom ooze (sandy patch)	10	5																1						1		20				1			1				50	10			1												
323-U1341C-4H-7-A 43	33.93	33.93	diatom ooze	10	10							5															5		1											45	25		1	1												
323-U1341C-5H-4-A 60	39.10	39.10	diatom-rich silty clay (soupy sediment)	10	10			5				40															5									1				20	5															
323-U1341C-6H-1-A 79	44.29	44.29	diatom-rich fine ash																		4						65												30																
323-U1341C-6H-3-A 28	46.78	46.78	fine ash																								100																												
323-U1341C-6H-4-A 80	48.80	48.80	nanno-rich foraminifera-rich diatom ooze (lighter area)																								3		10			17							69																
323-U1341C-6H-5-A 90	50.40	50.40	diatom ooze	28																	4						8												60																
323-U1341C-7H-3-A 100	57.00	57.00	diatom ooze	10	10							5								2	2				2		1		5										55																
323-U1341C-7H-6-A 90	61.40	61.40	nannofossil diatom ooze	8								15								5	5				2				5			30								20	10															
323-U1341C-7H-6-A 119	61.69	61.69	nannofossil diatom ooze (mottle)	10								10								5	2				5				5				30							20	15															
323-U1341C-8H-2-A 50	63.00	63.00	nannofossil-bearing diatom clay									30									5				10								5							40	10															
323-U1341C-8H-2-A 92	63.42	63.42	diatom-rich fine ash--red sandy layer; Fe and Mn oxide rich	10	15																5		2				40													20	10															
323-U1341C-8H-5-A 145	68.45	68.45	foraminifer-rich nannofossil diatom ooze									10									10				10				10			30								20	10															
323-U1341C-8H-6-A 40	68.90	68.90	nannofossil-bearing diatom silt	10	10			5				10								5	5		10		10		5					5							30																	
323-U1341C-8H-7-A 40	70.40	70.40	diatom-rich clayey silt	15	10							20									5		5				15													15	15															
323-U1341C-9H-3-A 70	74.20	74.20	diatom clayey silt	20	10							15									2						2													30	20															
323-U1341C-9H-4-A 70	75.70	75.70	diatom-rich clayey silt	15	10							20									5		5									5							35																	
323-U1341C-9H-5-A 20	76.70	76.70	diatom ooze	5	5							10																				5								45	30														
323-U1341C-10H-3-A 50	83.50	83.50	diatom-rich fine ashy silt	22	13							9														4	22												30																	
323-U1341C-10H-4-A 130	85.80	85.80	diatom silt	22				2													4				7		11												54																	

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Micas	Biotite	Muscovite	Clay Minerals	Chlorite	Glauconite	Chert	Zircon	Ferromagnesium minerals	Barite	Phosphorite/Apatite	Zeolite	Pyrite	Magnetite	Fe-oxide	Calcite	Dolomite	Crystal grain	Vitric grain	Lithic grain	Foraminifera	Planktonic foraminifera	Benthic foraminifera	Nannofossil	Coccoliths (Nannofossils)	Discoasters (Nannofossils)	Pteropods	Radiolaria	Spumellaria (Radiolaria)	Nassellaria (Radiolaria)	Diatoms	Centric (Diatoms)	Pennate(Diatoms)	Chaetoceros Resting Spores	Silicoflagellates	Sponge spicules	Dinoflagellates	Spores	Pollen	Organic debris	Plant debris	Ebridians	Echinoderm	Fish remains	Bryozoans	Bivalves	Corals	Others
323-U1341C-10H-7-A 68	89.68	89.68	diatom ooze																		4			13															83																	
323-U1341C-11H-1-A 80	90.30	90.30	diatom ooze	9					5												2						9		5										70																	
323-U1341C-11H-4-A 80	94.80	94.80	diatom-rich clayey silt	26	16							16															11												26				5													
323-U1341C-12H-3-A 60	99.10	99.10	diatom-rich silty clay (major)	15		10						30								5	5			2			2												30	20	10															
323-U1341C-12H-4-A 90	100.90	100.90	diatom clay (major)	5	5				5			30									2			3															50	30	20															
323-U1341C-13H-1-A 50	105.50	105.50	diatom silty clay (major)	10	5				5	2		20									2																		55	35	20															
323-U1341C-13H-7-A 50	114.50	114.50	nannofossil-rich diatom clay (major)	5								20												5						2		10							50	30	20															
323-U1341C-14H-2-A 60	116.60	116.60	diatom ooze (major lithology olive)	18	3					3											3																			59	7		7													
323-U1341C-14H-4-A 60	119.60	119.60	diatom-rich clayey silt (major lithology transition)	40	3																																			53	3		1													
323-U1341C-14H-5-A 50	121.00	121.00	diatom-rich silty clay (main gray)	3								60																												30	6		1													
323-U1341C-15H-1-A 40	124.40	124.40	diatom ooze (green lithology)	22	4																																			52	22															
323-U1341C-15H-4-A 40	128.90	128.90	diatom ooze (green)	8																																				71	21															
323-U1341C-15H-6-A 40	131.90	131.90	diatom-rich clayey silt (gray)	37	7							14																												14	14		2														
323-U1341C-17H-1-A 50	138.00	138.00	diatom ooze (dark olive gray)	3	3																																			76	16		2													
323-U1341C-17H-1-A 90	138.40	138.40	diatom ooze	3	3																																			76	16			2												
323-U1341C-17H-3-A 144	141.94	141.94	diatom rich silty clay (Pennate rich) -- Greenish patch	4	4			50																																4	34			4													
323-U1341C-17H-4-A 7	142.07	142.07	diatom-bearing silty clay (authigenic carbonate) (light gray patch)	2	1																			89																5			1													
323-U1341C-17H-4-A 7	142.07	142.07	diatom ooze	5	4																																			60	30			1												
323-U1341C-17H-5-A 70	144.20	144.20	diatom ooze (olive main)	30	5																																			60	6		1													
323-U1341C-17H-5-A 110	144.60	144.60	diatom-bearing silty clay (Authegenic carbonate rich) -- Light Gray patches in the sediments	2	1																				89															4	3			1												
323-U1341C-17H-5-A 110	144.60	144.60	diatom ooze (gray)	5	4																																			60	30		1													
323-U1341C-18H-4-A 100	152.50	152.50	diatom ooze (gray)	5																																				70	20		5													
323-U1341C-18H-5-A 49	153.49	153.49	diatom-bearing silty clay (Authegenic Carbonate) -- White patch	3				5																	80															2	10															
323-U1341C-18H-5-A 100	154.00	154.00	diatom rich silty clay	50	20																																			20	10															
323-U1341C-19H-2-A 40	158.40	158.40	diatom ooze	6																																				20	67		7													
323-U1341C-19H-4-A 50	161.50	161.50	diatom clayey silt	33	17			67																																17	20			7												
323-U1341C-20H-3-A 10	169.10	169.10	diatom ooze (gray)	10																																																			
323-U1341C-20H-5-A 20	172.20	172.20	diatom ooze	11	3																																			57	29															
323-U1341C-20H-6-A 20	173.70	173.70	diatom ooze	24	7																																			34	33			2												

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Micas	Biotite	Muscovite	Clay Minerals	Chlorite	Glauconite	Chert	Zircon	Ferromagnesium minerals	Barite	Phosphorite/Apatite	Zeolite	Pyrite	Magnetite	Fe-oxide	Calcite	Dolomite	Crystal grain	Vitric grain	Lithic grain	Foraminifera	Planktonic foraminifera	Benthic foraminifera	Nannofossil	Coccoliths (Nannofossils)	Discoasters (Nannofossils)	Pteropods	Radiolaria	Spumellaria (Radiolaria)	Nassellaria (Radiolaria)	Diatoms	Centric (Diatoms)	Pennate(Diatoms)	Chaetoceros Resting Spores	Silicoflagellates	Sponge spicules	Dinoflagellates	Spores	Pollen	Organic debris	Plant debris	Ebridians	Echinoderm	Fish remains	Bryozoans	Bivalves	Corals	Others
323-U1341C-21H-3-A 30	178.80	178.80	Sponge Spicule-bearing diatom silt	15	17			10													5		3				2						2							18	20			8												
323-U1341C-21H-7-A 30	184.80	184.80	diatom-rich silt	15	19			15													3		3				7						3							15	16			4												
323-U1341C-23H-2-A 75	189.25	189.25	diatom-rich silty clay	60	8																																		8	20			4												
323-U1341C-23H-5-A 85	193.85	193.85	diatom ooze	13																																			67	20															
323-U1341C-24H-3-A 26	199.10	199.10	diatom silty clay	41				4													8						1												27	19															
323-U1341C-24H-3-A 71	199.55	199.55	diatom-rich silty clay (authegenic carbonate)	2																					69														18	11															
323-U1341C-24H-4-A 81	200.68	200.68	diatom silty clay (authegenic carbonate)	3	3												3								42														43	3		3													
323-U1341C-25H-1-A 80	202.30	202.30	diatom ooze	7	5							10									5						5		2										30	25															
323-U1341C-25H-4-A 77	206.77	206.77	spnge spicule-bearing diatom-rich silt	10	10							5									10																35				10														
323-U1341C-25H-7-A 14	210.64	210.64	diatom ooze (dolomatized)	5								5													30														40	20															
323-U1341C-26H-1-A 80	211.80	211.80	diatom-rich silty clay	10	5							25																											20	40															
323-U1341C-26H-6-A 50	219.00	219.00	diatom ooze	5	5							10									2																		40	38															
323-U1341C-27H-5-A 50	227.00	227.00	diatom clay	8								25									3						8											50					8												
323-U1341C-27H-6-A 50	228.50	228.50	sponge spicule-rich diatom ooze	12					4												4					8												60					12												