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-U1345A-1H-1-A 5	0.05	0.05	diatom-rich clayey sand (main lithology; sandy greener)	13	14			15			5	21									2						10											20																		
323-U1345A-1H-1-A 40	0.40	0.40	diatom-bearing clayey sand (Main lithology; sandy less green)	13	14			20				28									5						10												7	3															
323-U1345A-1H-1-A 102	1.01	1.01	nanno-bearing diatom ooze (lamina - lighter green)	2	2			2				18									10						6			1	1		5						29	20	4														
323-U1345A-1H-1-A 102	1.01	1.01	nanno-bearing diatom ooze (lamina - dark grey)	2	2							19									12						5						6						30	24															
323-U1345A-1H-1-A 120	1.20	1.20	diatom-rich silty clay (thin bed; light gray; fine grained)	5	6			8				42									4						5				2		2								2														
323-U1345A-1H-1-A 121	1.21	1.21	nanno-bearing diatom-rich silty clay (thin bed darker green)	3	3			5				50									7		2				6				3		6						8	7															
323-U1345A-1H-2-A 7	1.57	1.57	fine ash (inside burrow; tilted elongate pod)	1	2			5														5					87																												
323-U1345A-1H-2-A 45	1.95	1.95	diatom-rich silty clay (light gray lamination)	7	8			10				43									5						12												6	5	4														
323-U1345A-1H-2-A 45	1.95	1.95	diatom ooze (dark green lamination)	3	3			4				12									8						5												30	30	5														
323-U1345A-1H-2-A 45	1.95	1.95	diatom ooze (light green lamination)									15									7																		35	38	5														
323-U1345A-1H-3-A 55	3.55	3.55	diatom-bearing silty clay (main lithology light grey)	1	1			4				52									5						10												5	2															
323-U1345A-2H-1-A 114	5.54	5.54	diatom-rich clayey silt (113.5) (lamina grey)	60				10				12										3																	5	10															
323-U1345A-2H-1-A 114	5.54	5.54	Silico-bearing diatom-rich silty clay (laminae light green)	20								50									3									2									5	15		5														
323-U1345A-2H-1-A 114	5.54	5.54	diatom silt (113.6) (lamina dark gray)	10								15									15																		40	20															
323-U1345A-2H-2-A 70	6.60	6.60	silty clay (main lithology)	10	10			19				55									3																		3																
323-U1345A-2H-5-A 70	11.10	11.10	diatom-bearing silty clay	14	15			15				38									3						8												5	2															
323-U1345A-3H-3-A 58	17.48	17.48	diatom-rich clayey silt	40	10			5				20										5																	20																
323-U1345A-3H-3-A 135	18.25	18.25	diatom-bearing silty sand	60	5			20														5																	10																
323-U1345A-3H-4-A 97	19.37	19.37	diatom ooze (40% pyrite franboids) (green laminae)									10									40																		50																
323-U1345A-3H-5-A 19	20.09	20.09	silty clay	35				5	3			50									5																		2																
323-U1345A-3H-CC-A 8	23.69	23.69	nanno-bearing diatom silty clay (green laminae)	5				5				40									5												5						15	25															
323-U1345A-4H-2-A 60	25.50	25.50	silty sand	29	7			43													10				4													4																
323-U1345A-4H-4-A 50	28.40	28.40	diatom-rich sandy clay	17	7			24				24									2			2			5											17																
323-U1345A-4H-5-A 123	30.63	30.63	diatom-rich silty clay (dark laminae)	10	3							33									17			10														23				3													
323-U1345A-4H-5-A 124	30.64	30.64	nanno-rich diatom ooze (light laminae)	13	4																13								4			13						65																
323-U1345A-4H-6-A 60	31.50	31.50	diatom-bearing silt	23	17			23				17									7			7														7				1													
323-U1345A-5H-1-A 40	33.30	33.30	silty sand	34	5			49													10																		2																
323-U1345A-5H-2-A 60	35.00	35.00	diatom-rich silty clay	15	6			9				30									6								6							3			21				4													
323-U1345A-6H-3-A 68	46.06	46.06	sandy silt (major lithology)	18	0	29	7	36						4							4																	4																

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-U1345A-6H-3-A 70	46.08	46.08	diatom-bearing silty clay	17	7			10				34									10			9															10					2													
323-U1345A-6H-6-A 50	50.36	50.36	diatom-rich clayey silt	20	9			14				29									11			1															14																		
323-U1345A-6H-6-A 100	50.86	50.86	diatom-rich silty sand (secondary lithology)	20	10		5	15	5								15					5				10													10	5															
323-U1345A-7H-3-A 130	55.05	55.05	authigenic carbonate-rich diatom-rich silty clay	12								12									7			58															12																		
323-U1345A-8H-2-A 90	63.64	63.64	diatom-bearing silty clay	18	13			13				39									8																		8																		
323-U1345A-8H-3-A 40	64.64	64.64	foraminifer-bearing diatom-rich clayey silt	13				13				18									5			13					8			4							26																		
323-U1345A-8H-4-A 120	66.94	66.94	silty sand	40	10			50																																																
323-U1345A-8H-7-A 25	70.37	70.37	authigenic carbonate-rich diatom clayey silt	5				5				7									3			60															20																		
323-U1345A-9H-3-A 60	73.51	73.51	diatom-rich clayey silt	16	6			22				22									6			3			9												16																		
323-U1345A-9H-7-A 50	79.33	79.33	diatom-rich silty clay	11	5			16				34									5			11					2										12																		
323-U1345A-10H-1-A 60	81.00	81.00	diatom-bearing clayey silt	16	10			10				33									7			3			7		3										10																		
323-U1345A-10H-2-A 33	82.23	82.23	fine ash (minor)	5				5																3			80																														
323-U1345A-11H-1-A 53	90.43	90.43	authigenic carbonate-bearing diatom-bearing silt	30	20				5											5		15	5	5															10			5															
323-U1345A-11H-2-A 87	91.67	91.67	authigenic carbonate-rich diatom silty sand	10	5		5										2				5			40	10				3										15	5																	
323-U1345A-11H-3-A 81	93.11	93.11	muscovite flake (large moscovite flake: wasn't plastic)								100																																													
323-U1345A-11H-6-A 70	97.50	97.50	silt	40	15		10	10	2		3	5					3					7			2													3																		
323-U1345A-12H-3-A 35	101.67	101.67	diatom clay	3	3						30						3				5									6									50																		
323-U1345A-12H-3-A 38	101.70	101.70	diatom ooze (10% pyrite) (black or dark green lamination)	20	10																																		70																		
323-U1345A-12H-3-A 84	102.16	102.16	diatom-bearing clayey silt	55	9			4			18						4										3												5					2													
323-U1345A-12H-3-A 87	102.19	102.19	diatom ooze																		5																			80	15																
323-U1345A-13H-3-A 60	111.89	111.89	diatom-rich silty clay	10	5			5	2		50										2						5												20																		
323-U1345A-13H-4-A 74	113.53	113.53	diatom-bearing silty sand (sandy lithology)	30	15			30	3		5										2						5												10																		
323-U1345A-13H-5-A 50	114.76	114.76	diatom-rich clayey silt (main lthology)	15	10			15			20						2				5						2												30																		
323-U1345A-13H-7-A 121	118.47	118.47	diatom ooze (light green laminae)	2	1			2													1																		95																		
323-U1345A-14H-3-A 20	120.55	120.55	diatom-rich clayey silt	60				10													5																		15																		
323-U1345A-14H-5-A 97	124.32	124.32	diatom-rich clayey silt	50				15			5																												30																		
323-U1345A-14H-6-A 86	125.71	125.71	diatom-bearing sandy silt	55				20						15																									10																		
323-U1345A-15H-2-A 14	128.40	128.40	diatom silty clay	10	5					1		26					3				15																		41																		
323-U1345A-15H-2-A 80	129.06	129.06	diatom-bearing clayey silt	47	7					7		20					13																						6																		

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-U1345A-15H-3-A 35	130.11	130.11	diatom-rich clayey silt	39	5							13					13				16																			11	3															
323-U1345A-15H-3-A 37	130.13	130.13	diatom-rich silt	54	14												5				5																		19				3												
323-U1345A-15H-4-A 120	132.46	132.46	diatom-bearing sandy silt	82	5												3				3																	5				1												
323-U1345A-15H-6-A 99	135.25	135.25	diatom-rich clay	9	2							53					2																					34																
323-U1345A-15H-7-A 19	135.95	135.95	diatom ooze	10								10					1				3																	75																
323-U1345A-15H-CC-A 9	137.85	137.85	authigenic-carbonate-rich clay	8	1												1							90																														
323-U1345A-16H-2-A 110	139.21	139.21	diatom-bearing authigenic-carbonate-rich silty clay	10	5			10	1			40					3							20					2									10																
323-U1345A-16H-4-A 70	141.59	141.59	diatom-rich clay (light laminae)	2	3							60									2								1									30																
323-U1345A-16H-8-A 37	146.45	146.45	diatom-bearing silt (main lithology)	30	20			30																2			10											5					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-U1345C-2H-4-A 65	11.15	11.15	diatom-rich clayey silt	38	10							30									3			2			2												15																	
323-U1345C-3H-3-A 70	19.20	19.20	silt	24	33			24																10			5												5																
323-U1345C-3H-7-A 30	24.80	24.80	foraminifer-rich diatom silt	15	21			11													2						2		6											32	11														
323-U1345C-4H-1-A 40	25.40	25.40	diatom-rich silty clay	13	9			9				43									4						9												13																
323-U1345C-4H-1-A 130	26.30	26.30	diatom-rich clayey silt	15	9			21				30									3																		21																
323-U1345C-4H-3-A 47	28.47	28.47	(foram-bearing) diatom-rich silty clay (dark lamina	9	6			9				30									9			15															21																
323-U1345C-4H-3-A 48	28.48	28.48	diatom ooze (pyrite rich) (light laminae)																		30			5					3										62																
323-U1345C-4H-5-A 76	31.73	31.73	diatom-rich silty sand	16	3			54																															27																
323-U1345C-4H-5-A 113	32.10	32.10	silty sand	40				45				5									12																		3																
323-U1345C-4H-6-A 8	32.55	32.55	diatom-rich clay	6				3				39									15			6															30																
323-U1345C-4H-6-A 117	33.64	33.64	diatom silty clay	6	3			6				29									14																		43																
323-U1345C-4H-7-A 23	34.20	34.20	diatom clay	7	4							33												4			4									2			44																
323-U1345C-4H-7-A 27	34.24	34.24	authigenic carbonate-bearing diatom-rich silty cla	10								32									22			11		3													22																
323-U1345C-5H-6-A 40	42.40	42.40	clayey sand	30	10							40								5	10																		5																
323-U1345C-5H-2-A 60	36.60	36.60	silt (silt)	19	38			12				19												8			4																												
323-U1345C-10H-2-A 20	83.27	83.27	diatom-bearing silty clay	65	3			6				16																											10																
323-U1345C-5H-3-A 71	38.21	38.21	authingenic-carbonate-rich diatom-rich clay									20									5			65															9				1													
323-U1345C-10H-4-A 31	86.37	86.37	diatom-bearing silty sand	43	6			14									29																						8																
323-U1345C-5H-4-A 82	39.82	39.82	authigenic carbonate (light laminae)		3			3																7	83															3																
323-U1345C-10H-7-A 93	91.40	91.40	sand	70	4			17									7																						2																
323-U1345C-11H-3-A 50	94.57	94.57	diatom-bearing silty sand	69	7			5									11																			2			6																
323-U1345C-11H-6-A 43	98.93	98.93	diatom-rich silt	71	7												7				4																		11																
323-U1345C-11H-CC-A 22	101.11	101.11	diatom clay									46																		4									50																
323-U1345C-11H-CC-A 27	101.16	101.16	diatom-rich clay	24								40					8																						24																
323-U1345C-12H-2-A 15	102.15	102.15	diatom-bearing silty sand	56						6		15					15																						8																
323-U1345C-12H-3-A 22	103.72	103.72	diatom ooze	5																	7										5					3			80																
323-U1345C-6H-2-A 30	44.91	44.91	diatom-richsilt	25	25			20		5		10									5								2											15	3															
323-U1345C-6H-2-A 130	45.91	45.91	diatom-bearing silty sand	35	5		10	10	5			20					5			5	5																		8	2															
323-U1345C-12H-5-A 30	106.71	106.71	diatom-bearing sandy silt	75	3			5				15					5																						7																

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-U1345C-6H-4-A 148	49.09	49.09	diatom-rich sand	35	5		5	30									10																					15																		
323-U1345C-6H-6-A 40	51.01	51.01	diatom-bearing silty clay	20	10			10				40					2				10																	8																		
323-U1345C-6H-6-A 82	51.42	51.42	diatom-rich silty clay (lamina)	10	5							30									2			5																40	4		1													
323-U1345C-7H-2-A 69	55.02	55.02	sandy silt	75				8									8				8																	1																		
323-U1345C-7H-3-A 82	56.65	56.65	diatom-rich clayey silt	51	3			10									3										3											25				5														
323-U1345C-7H-5-A 31	59.14	59.14	diatom-bearing clayey silt	56							3	28					3				2																	8																		
323-U1345C-7H-6-A 5	60.25	60.25	silty sand	72	12												12										2											2																		
323-U1345C-7H-7-A 44	62.07	62.07	diatom-bearing clayey silt (diatoms are all fragme	58	10							19					4				4																	5																		
323-U1345C-8H-2-A 30	64.02	64.02	silty sand	65	13			4				4					13																					1																		
323-U1345C-8H-2-A 86	64.58	64.58	sand	60	10												30																																						
323-U1345C-8H-3-A 90	66.12	66.12	diatom-bearing clayey silt	75	9							4					6																					6																		
323-U1345C-8H-4-A 105	67.77	67.77	authigenic carbonate rich diatom-rich sandy clay	5								24					5							48			1			5									11					1												
323-U1345C-8H-5-A 90	69.09	69.09	diatom-bearing silty clay	42								42					2				4																	10																		
323-U1345C-8H-6-A 79	70.48	70.48	diatom-rich silty clay	33								33					7				7																	20																		
323-U1345C-9H-1-A 75	73.25	73.25	diatom-rich sandy silt	38	6											1	11				3																	26																		
323-U1345C-9H-3-A 70	75.68	75.68	diatom-bearing silt	64				4		2		15					2				2						4											3																		
323-U1345C-9H-5-A 70	78.62	78.62	diatom silty clay (lamina)	44								6																		6	6							32					16												
323-U1345C-12H-5-A 35	106.76	106.76	fine ash (20% pyrite)	3	1												1				20																	75																		
323-U1345C-12H-7-A 111	110.50	110.50	diatom-bearing silt	83								6												3														8																		
323-U1345C-13H-2-A 11	111.95	111.95	diatom-bearing sandy silt	55	20			15	1																		2											5																		
323-U1345C-13H-3-A 103	114.37	114.37	diatom-rich silty clay	15				5				35									10																	35																		
323-U1345C-13H-5-A 44	116.76	116.76	diatom silty clay	10								37									5								2									50																		
323-U1345C-14H-4-A 25	123.95	123.95	silt	40	5			30	5			15																										3																		
323-U1345C-14H-5-A 90	126.10	126.10	diatom-rich clay	5				5				55									2			10					2									20																		
323-U1345C-15H-2-A 125	131.40	131.40	authigenic-carbonate-rich clayey silt (light layer)	3								25									10			70						1										2																	
323-U1345C-15H-2-A 136	131.51	131.51	diatom-bearing clayey silt (main lithology0	40	10							30									10									1										5	5																
323-U1345C-15H-4-A 76	133.91	133.91	diatom ooze (greenish lamiane)	2								3		5							15																	75	70	5																	
323-U1345C-15H-6-A 135	137.50	137.50	diatom-rich silty clay (main lithology)	50					5			5									3										2								30	5																	
323-U1345C-16H-2-A 50	140.08	140.08	diatom-rich silty clay	11	4			7				37									11			4														25					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-U1345C-16H-3-A 121	142.24	142.24	authigenic carbonate-rich diatom clayey silt	6				4				9					2				4			56												2			19																	
323-U1345C-16H-4-A 70	143.23	143.23	diatom-rich silty clay	9	3			14	3			43									3			1		3													20																	
323-U1345C-16H-6-A 45	145.98	145.98	diatom-rich clayey silt	19	7			7				19									7			4															37																	

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-U1345D-1H-5-A 70	6.70	6.70	diatom-bearing clayey silt	22	3			16				31					3				6			6			3												9																	
323-U1345D-1H-1-A 10	0.10	0.10	diatom-rich sandy silt	15	9			21				9					3				3			1			6												36																	
323-U1345D-2H-6-A 24	17.24	17.24	(pyrite) diatom ooze (laight laminae)	4																	38																		58																	
323-U1345D-2H-6-A 80	17.80	17.80	diatom-bearing silt	20	4			41				20								2	4								4										8																	
323-U1345D-3H-4-A 38			foraminifera-bearing diatom-rich silt	17	17			17				17																	2										26	23	3															
323-U1345D-3H-2-A 90	21.40	21.40	silt	30	41			18																6															5																	
323-U1345D-3H-4-A 138	24.88	24.88	diatom silty clay	10	13			6				29									2			4					4										33	29	4															
323-U1345D-4H-5-A 70	35.20	35.20	diatom-bearing silty clay	14	14			3				56									6			3															6	3	3															
323-U1345D-4H-2-A 125	31.25	31.25	foraminifera-bearing diatom-rich clayey silt	15	10			6				31									2			4					10											15	6															
323-U1345D-4H-2-A 90	30.90	30.90	sand	26	31			37																																															
323-U1345D-5H-4-A 60	41.99	41.99	clay	4	9			9				65									4			4																	4															
323-U1345D-5H-2-A 90	39.29	39.29	diatom-rich clayey silt	7	17			7				35									7			3					3										20	14	3															
323-U1345D-5H-5-A 130	44.19	44.19	diatom-bearing sandy silt	10	32			5				23									3																		16	10	6															
323-U1345D-6H-3-A 90	51.40	51.40	diatom-bearing silty clay	19				6				45									13			3		6													6																	
323-U1345D-7H-2-A 40	57.92	57.92	foraminifera-bearing diatom silty clay	7	2			7				24					2				7		2	2		2			5										37																	
323-U1345D-7H-5-A 30	62.34	62.34	diatom-bearing sandy silt	23	3			33				16									10						7		2										7																	
323-U1345D-7H-7-A 40	65.30	65.30	silt	27	12			38				12									4						4												4																	
323-U1345D-8H-1-A 60	67.10	67.10	diatom-rich clay	65	6			3				6	3				6																						11																	
323-U1345D-9H-2-A 27	75.13	75.13	diatom-rich clayey silt	38								4					19				12																			19	8															
323-U1345D-9H-3-A 84	77.20	77.20	diatom-bearing clay	30								61					3																						6																	
323-U1345D-9H-4-A 15	77.97	77.97	diatom silt	35	6							11					6				4									1										24	12		1														
323-U1345D-9H-7-A 30	82.49	82.49	silty clay	56	5					2		24					11																						2																	
323-U1345D-10H-2-A 28	85.10	85.10	diatom-rich sandy silt	59	6			9									6																						20																	
323-U1345D-10H-2-A 114	85.96	85.96	diatom-bearing clayey sand	32				11									32				12			6															7																	
323-U1345D-10H-4-A 25	88.05	88.05	diatom-bearing clayey silt	43	6							20					9				14																		8																	
323-U1345D-10H-7-A 60	92.71	92.71	diatom-rich silt	54								11					24																						11																	
323-U1345D-11H-2-A 23	94.25	94.25	silt	80				10									2				5																		3																	
323-U1345D-11H-4-A 67	97.69	97.69	authigenic-carbonate-rich diatom-rich silty clay	14	5		5					14					5							48															10																	
323-U1345D-11H-7-A 4	101.46	101.46	diatom-rich silt (lamina)	43	4												9				9																		35																	

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-U1345D-11H-3-A 60	96.12	96.12	diatom-rich silt	60	5			12									6				6																		11																	
323-U1345D-12H-1-A 13	102.63	102.63	diatom-rich clay	26								40					16							2															16																	
323-U1345D-12H-3-A 55	105.50	105.50	diatom-rich silty clay	44	13			6									6																						31																	
323-U1345D-12H-5-A 53	108.48	108.48	diatom-rich silt	25	11							36					7				7																		14																	
323-U1345D-12H-7-A 80	111.75	111.75	diatom-rich silty sand	24	5			5									24				14									4									24																	
323-U1345D-13H-1-A 36	112.36	112.36	diatom-bearing silty sand	47	7			7									32																						7																	
323-U1345D-13H-3-A 48	114.71	114.71	diatom-rich sandy silt	52	7			7									3				7																		24																	
323-U1345D-13H-4-A 45	116.18	116.18	diatom clay	17								17									11																		55																	
323-U1345D-13H-4-A 68	116.41	116.41	diatom ooze	12	4							20					4																						60																	
323-U1345D-13H-6-A 108	119.81	119.81	clayey silt	53	3							26					8				8																		2																	
323-U1345D-14H-2-A 43	123.27	123.27	diatom-bearing sandy silt	50	10			15				5									10																			8	2																
323-U1345D-14H-2-A 142	124.26	124.26	fine ash (white spot)	5																						95																													
323-U1345D-14H-3-A 115	125.49	125.49	diatom clayey silt (lamina)	40	5			5													5																			35	10																
323-U1345D-14H-3-A 132	125.66	125.66	authigenic carbonate rich diatom rich silty clay	15								15									5			40																15	10																
323-U1345D-14H-5-A 120	128.52	128.52	diatom silty clay	5								40									5																			45	5																
323-U1345D-14H-6-A 50	129.32	129.32	diatom clayey silt	20	2							15									2																			50	10			1													
323-U1345D-15H-3-A 74	134.74	134.74	clayey silt	70	8			10				10																											2																	
323-U1345D-15H-5-A 75	137.69	137.69	diatom-bearing clayey silt (main lithology coarser)	40								30									15																		15																	
323-U1345D-15H-7-A 40	140.34	140.34	authigenic carbonate rich diatom clayey silt (light	5																				45																25	25																
323-U1345D-15H-7-A 66	140.60	140.60	diatom clayey silt (greenish lamina)	35								10									5																			30	20																
323-U1345D-16H-2-A 20	141.31	141.31	diatom clayey silt	30	5			12													3																			30	20																
323-U1345D-16H-3-A 64	143.23	143.23	diatom-rich sandy clay	15				7				30		9																										39																	
323-U1345D-16H-6-A 50	147.59	147.59	diatom silty clay	10				5				35																												40	0																

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-U1345E-7H-2-A 80	57.30	57.30	silt (main lithology)	38	21			18			3	18																											5																
323-U1345E-7H-7-A 28	64.28	64.28	sandy silt	22	22			13				22			4						4			4					4										4																	
323-U1345E-8H-3-A 36	68.56	68.56	authigenic carbonate-rich diatom-rich clayey silt	6				14				9									6			57														9																		
323-U1345E-8H-4-A 80	70.50	70.50	diatom-rich silty clay	10	7			17				34									7			2														24																		
323-U1345E-8H-7-A 60	74.78	74.78	diatom-rich clayey silt	21	9			9				21									9		2															30																		
323-U1345E-9H-3-A 100	77.95	77.95	diatom-bearing clayey silt	12	17			17				36									2			2															7	5																
323-U1345E-9H-4-A 32	78.69	78.69	clayey silt (gray laminae)	23	16			11				34									2			2					2										7	1																
323-U1345E-9H-7-A 110	83.83	83.83	diatom-rich ckayey silt	31	6			9				31									3			3															9	6																
323-U1345E-10H-2-A 40	85.78	85.78	diatom-rich clayey silt	24	10							24					2				10			5														24																		
323-U1345E-10H-3-A 20	87.08	87.08	diatom-bearing sand	40				52													1																	7																		
323-U1345E-10H-4-A 98	89.36	89.36	diatom-bearing sandy silt	19	7			26				11									7						7											11					4													
323-U1345E-10H-5-A 20	90.05	90.05	authigenic carbonate-rich diatom and foraminifer-rich silt	15	9																9			29		3			15	3		4						15																		
323-U1345E-11H-1-A 55	94.25	94.25	authigenic carbonate-rich diatom silt	10																	5			68	7													10																		
323-U1345E-11H-6-A 90	102.03	102.03	diatom-rich clayey silt	15	3		4	3	5			20									5				5		15												20	3																
323-U1345E-11H-7-A 20	102.60	102.60	diatom-bearing silty clay	20				10	40								5			10	5																	15																		
323-U1345E-12H-6-A 25	110.14	110.14	diatom-rich clayey silt	17	3			7				17									10			10			3											33																		
323-U1345E-12H-7-A 25	111.64	111.64	diatom-rich silty clay	8	5			8				25					1				5			5		5												38																		
323-U1345E-12H-CC-A 25	112.95	112.95	authigenic carbonate-rich diatom-rich silt	17				17													7			24			10											24																		
323-U1345E-14H-7-A 60	130.83	130.83	clayey silt	24	13			13				40									4																	2																		
323-U1345E-15H-1-A 75	132.45	132.45	silty clay	55				6				18					12				6																	3																		
323-U1345E-15H-2-A 99	134.22	134.22	diatom-rich clayey silt	33	10							33									10																	14																		
323-U1345E-15H-3-A 4	134.77	134.77	diatom-rich clay (pyrite)	11								11									44																	33																		
323-U1345E-15H-5-A 70	138.43	138.43	diatom-bearing silt	68								3					17				5						2											5																		
323-U1345E-16H-1-A 6	141.26	141.26	diatom-rich clayey silt (light laminae)	57	4												4				4																	27				1	3													
323-U1345E-16H-3-A 50	144.70	144.70	diatom-bearing silt	75				4				4					4										3											8					2													
323-U1345E-16H-6-A 61	149.14	149.14	authigenic carbonate-rich clay	4													2								75													19																		
323-U1345E-16H-7-A 27	150.15	150.15	diatom-rich sandy silt	45				9									9				14																	23																		