Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Biotite	Micas	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-U1344A-1H-1-A 2	0.02	0.02	diatom silty clay (major)	9	7			2				15																										54	35	18																
323-U1344A-1H-4-A 66	5.16	5.16	silty clay (minor)	10	6			16				15									6																		6	3			3													
323-U1344A-1H-6-A 100	8.50	8.50	diatom-bearing clay (major)	15	9					6		61																										9	6	3																
323-U1344A-2H-5-A 90	16.00	16.00	diatom-rich clayey silt (major)	11	7							36									7						11											25																		
323-U1344A-3H-2-A 50	20.60	20.60	diatom silt	10	21	17		4				13												4														42	29	13																
323-U1344A-3H-6-A 50	26.60	26.60	clayey silt	14	15			15		2		47												2															2																	
323-U1344A-4H-2-A 50	30.10	30.10	diatom-bearing clayey silt	23	17			7		3		23					3				7						10											10																		
323-U1344A-4H-3-A 97	32.07	32.07	diatom-rich silt (black spot; 25% pyrite; diatom assemblage dominated by Bacterosira fragilis)	15				5				5									25			5			10											35																		
323-U1344A-4H-6-A 130	36.90	36.90	diatom-rich silt	20	11			9				14					3				9						14											20																		
323-U1344A-5H-2-A 70	38.80	38.80	diatom-rich silt	73																																			18	7			2												
323-U1344A-5H-7-A 110	46.71	46.71	diatom-bearing sandy silt	60	4			6				11					11																			1		7																		
323-U1344A-6H-2-A 45	48.97	48.97	diatom-rich silt	20	20			20													5						5		1									30																		
323-U1344A-6H-4-A 50	52.02	52.02	diatom silt	20	20			10													1																	50																		
323-U1344A-6H-5-A 130	54.32	54.32	foraminifer- and diatom-rich clayey silt (light colored section)	15	10			5				20									3																	30																		
323-U1344A-6H-7-A 80	56.75	56.75	diatom-bearing clayey silt	20	20			10				40															2		1							1		10																		
323-U1344A-7H-2-A 26	57.96	57.96	diatom-rich silty clay	55				18													9																	18																		
323-U1344A-7H-4-A 73	61.43	61.43	diatom-bearing sandy silt	60				11				5					11				5																		6	2																
323-U1344A-7H-6-A 30	64.00	64.00	diatom-rich silty clay	17	11							39									11																	17																		
323-U1344A-8H-3-A 70	68.83	68.83	diatom-rich silty clay	15	10			10				45									2								1									20																		
323-U1344A-8H-5-A 67	71.62	71.62	diatom-bearing sand (sandy patches)	40	15			40		1																												2																		
323-U1344A-8H-5-A 90	71.85	71.85	diatom clayey silt	20	5			5		1		20									2								1									45																		
323-U1344A-9H-2-A 10	76.46	76.46	diatom-rich clayey silt	15	5			15				30									1																	35																		
323-U1344A-9H-4-A 67	79.87	79.87	silty clay	10	5			5				75					2				2																	2																		
323-U1344A-10H-1-A 31	85.41	85.41	diatom-rich clayey silt	20	15			20			10	5									10																		10	10																	
323-U1344A-10H-5-A 38	91.26	91.26	diatom-rich silt	25	22			20				15									3																		10	5																	
323-U1344A-13H-1-A 60	114.20	114.20	diatom silt	15	10		5	10		3							5				5			2											4				25	15			1												
323-U1344A-13H-3-A 30	116.44	116.44	diatom silt	10	2		3	5				5					5				9				1		5												40	15																	
323-U1344A-13H-6-A 30	120.75	120.75	diatom-rich clayey silt	15	10							20									15						10									3				15	10			2												
323-U1344A-14H-4-A 100	127.81	127.81	diatom-rich silty clay	20				17				39					4				2						4											20																		

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Biotite	Micas	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-U1344A-14H-7-A 50	131.58	131.58	diatom-bearing silty clay	20								40									8			8			12											12																		
323-U1344A-15H-3-A 50	135.47	135.47	diatom-bearing clayey silt	15	15			25									5				15						15												10																	
323-U1344A-15H-7-A 110	142.00	142.00	diatom-rich silt	10	5			25	3												10			5			10													15	15		2												
323-U1344A-16H-3-A 60	144.76	144.76	diatom-rich clayey silt	18	11			7				25					2				7						4												25																	
323-U1344A-16H-7-A 50	150.49	150.49	diatom-bearing clayey silt	21	9			13		4		21					4				9						9												13					2												
323-U1344A-17H-3-A 120	154.62	154.62	diatom-bearing clayey silt	30	13			9				30					2				4																		13																	
323-U1344A-17H-5-A 87	157.14	157.14	authigenic carbonate-rich diatom ooze (small needles < 5microns)	6	2																2			61														20																	
323-U1344A-18H-3-A 30	163.30	163.30	diatom-bearing clayey silt	27	12			8				19					4				8						4												19																	
323-U1344A-18H-7-A 120	170.10	170.10	diatom-rich clayey silt	10	7			10				17					2				7			7			7												34																	
323-U1344A-19H-2-A 40	171.68	171.68	diatom-rich clayey silt	25				10				10					3			5	10			5			10									2				10	10															
323-U1344A-19H-5-A 80	176.38	176.38	diatom-rich clayey silt	15	10		5													5	10			10			15													20	5															
323-U1344A-20H-7-A 60	189.36	189.36	diatom-bearing silty clay	16	16			5				53																											11																	
323-U1344A-22H-3-A 50	201.98	201.98	diatom-rich sandy silt	72	4			7									4				2																			4	7															
323-U1344A-22H-6-A 48	205.89	205.89	diatom-bearing sandy clay	64	2			4				22					3																						5																	
323-U1344A-23H-CC-A 8	217.74	217.74	diatom-rich silty clay	15	10			5		1		50									1															1			20																	
323-U1344A-24H-3-A 56	221.60	221.60	diatom-rich sandy silt	60	5			5		5		3									5																		17																	
323-U1344A-24H-5-A 30	224.20	224.20	authigenic carbonate- and diatom-rich sandy silt	45				3									3				3			22															15	9																
323-U1344A-25H-3-A 80	230.45	230.45	diatom-rich silty clay	40				3				29									5																		23																	
323-U1344A-25H-7-A 31	235.35	235.35	diatom silt	47				3				10																												31	9															
323-U1344A-26H-2-A 39	236.81	236.81	diatom silt	80				5									5																						40																	
323-U1344A-26H-3-A 50	238.03	238.03	authigenic carbonate-rich diatom silty clay	20																				30															50																	
323-U1344A-26H-6-A 40	242.41	242.41	diatom-bearing clayey silt	49	7							22					10				2																		10																	
323-U1344A-27H-2-A 30	246.83	246.83	authigenic carbonate- and diatom-rich silty clay	11	2												2				4			65																11	5															
323-U1344A-27H-3-A 45	247.95	247.95	diatom-rich clayey silt	56	3			6													8																		30																	
323-U1344A-27H-5-A 70	251.12	251.12	authigenic carbonate- and diatom-rich clay	5								5									5			70															15																	
323-U1344A-27H-7-A 20	253.46	253.46	diatom-rich clay	47				12													6																		35																	
323-U1344A-28X-3-A 40	258.50	258.50	diatom-rich silt	48				5				10					5																						32																	
323-U1344A-28X-4-A 70	260.30	260.30	authigenic carbonate- and diatom-rich silty clay	13	3			3				5					3							51															12	10																
323-U1344A-29X-3-A 100	267.60	267.60	diatom-rich silty clay	40				5				5					5				5																		40																	

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Biotite	Micas	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-U1344A-29X-5-A 50	269.65	269.65	diatom-rich silty clay	40				3				8									2																		33	14																
323-U1344A-30X-4-A 60	277.29	277.29	diatom-rich clayey silt	20	21			20				10									5		1															22	15	7																
323-U1344A-31X-3-A 106	286.00	286.00	sand (sandy layer)	30	10				40								10							7															3																
323-U1344A-31X-5-A 32	288.06	288.06	diatom-rich silt	15	10		5	10									3				5			7															25	10	10														
323-U1344A-32X-3-A 20	295.56	295.56	diatom silt	24				5		2		7					2				12																	48																	
323-U1344A-32X-5-A 30	297.75	297.75	diatom-rich clayey silt	13	8			8				25					3				13			3														38																	
323-U1344A-33X-1-A 110	303.10	303.10	diatom-rich clay	10	7	16						47									5			2															16	7															
323-U1344A-33X-4-A 40	306.90	306.90	diatom-rich clay (calcite is 3% calcite and 10% acicular carbonate)	7	3			3				49												13															15	10																
323-U1344A-34X-2-A 80	313.90	313.90	diatom-rich clayey silt	20	15					4		15					4				7						10												15	5	5															
323-U1344A-36X-2-A 80	332.70	332.70	diatom-bearing silty clay	11	5			16				38									5			3			11											11																	
323-U1344A-36X-3-A 90	334.30	334.30	diatom-rich silty clay	17	7							33									3						7											33																	
323-U1344A-36X-5-A 90	337.30	337.30	diatom-rich silty clay	17	7							33									3						7											33																	
323-U1344A-37X-4-A 87	345.27	345.27	diatom-bearing clayey silt	25	17			4				42																											8	4															
323-U1344A-39X-4-A 40	363.50	363.50	diatom-rich silty clay (sponge spicules are calcareous)	21				14				11					6			3	14			7															14	7			1													
323-U1344A-40X-1-A 100	369.80	369.80	diatom-bearing clayey silt	22	10			6		2		32									10			3			6											10																	
323-U1344A-40X-3-A 12	371.42	371.42	authigenic carbonate- and diatom-rich clayey silt (calcite is acicular high mg (?) calcite)	3				9				9									2			62														15																	
323-U1344A-41X-2-A 100	381.00	381.00	diatom-rich clayey silt	30	10	5		10									3				7			8												2			13	10															
323-U1344A-41X-6-A 70	386.70	386.70	diatom-bearing clayey silt	20	15			15		5		20					3				7			10														5																	
323-U1344A-42X-3-A 130	392.30	392.30	diatom-rich clayey silt	15	10			20				13					10				10			7														15																	
323-U1344A-43X-1-A 120	398.80	398.80	diatom-bearing silt	83	4																4																	8																	
323-U1344A-43X-4-A 75	402.85	402.85	anthigenic carbon-rich diatom-rich silty clay	14				8													8			56														14																	
323-U1344A-44X-3-A 60	410.80	410.80	diatom-rich clayey silt	15				2				49																										34																	
323-U1344A-44X-5-A 35	413.50	413.50	diatom-rich silt	20				34																															33	13															
323-U1344A-45X-2-A 70	419.00	419.00	diatom-rich clayey silt	20	10			10				20									1																	40					1												
323-U1344A-45X-5-A 70	423.44	423.44	diatom-rich silty clay	15	5			5				35									1							1										40																	
323-U1344A-47X-3-A 56	439.56	439.56	diatom silt	15	15			13													7																		24	24			2												
323-U1344A-47X-5-A 59	442.54	442.54	diatom-bearing sandy silt	30	32			30																			3												5	1															
323-U1344A-49X-3-A 50	458.60	458.60	diatom-rich sandy silt	60				4				12																											12	12															
323-U1344A-49X-3-A 50	458.60	458.60	diatom-rich sandy silt	60				4				12																											12	12															

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Biotite	Micas	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-U1344A-50X-4-A 60	469.80	469.80	diatom-bearing silty clay	44	3			9				29					9																					6																		
323-U1344A-50X-6-A 39	472.59	472.59	authigenic carbonate-rich diatom-rich sandy clay	7				7																73														13																		
323-U1344A-51X-2-A 10	476.00	476.00	diatom-rich silty clay	50								15					5																					30																		
323-U1344A-51X-5-A 90	481.17	481.17	diatom silt	20								29					2																						39	10																
323-U1344A-52X-2-A 76	485.33	485.33	diatom-rich silty clay	5	5			2				50									3			5														30																		
323-U1344A-52X-7-A 24	491.99	491.99	diatom-rich silty clay	5	5			2				42									2			3														40																		
323-U1344A-53X-1-A 86	494.06	494.06	diatom-rich silty clay	15	5			5				40									1			4														30																		
323-U1344A-53X-5-A 72	499.92	499.92	diatom-bearing clayey silt	30	5			10				35									5			5														10																		
323-U1344A-54X-4-A 50	507.90	507.90	diatom silty clay	5	5							30					1							5			5											50																		
323-U1344A-55X-3-A 92	516.32	516.32	silty sand (accessory layer)	35	15		10			5							15				15			5																																
323-U1344A-55X-5-A 84	519.24	519.24	diatom-rich clayey silt	13	5			3		12		30									7																		20	10																
323-U1344A-55X-7-A 18	521.08	521.08	diatom-rich silty clay	10	5			5				45									5																		20	10																
323-U1344A-56X-3-A 75	525.75	525.75	sand (accessory layer)	30	13			43									13																																							
323-U1344A-56X-5-A 40	528.40	528.40	diatom-bearing silty clay	25						3		50					3				10																	10																		
323-U1344A-56X-6-A 20	529.20	529.20	diatom-rich silty clay	12	8							38									4																	38																		
323-U1344A-57X-5-A 49	538.19	538.19	diatom-rich silty clay	15	5		10	10		3		30									10			2														15																		
323-U1344A-57X-5-A 143	539.13	539.13	authigenic carbonate-rich diatom clay (needle like carbonates)									20												60														20																		
323-U1344A-57X-6-A 59	539.79	539.79	authigenic carbonate- and diatom-rich silty clay	10	5			5				15					2				10			15	10													25					3												
323-U1344A-58X-2-A 56	543.36	543.36	diatom-rich clayey silt	24				5				24					5				5			2														34																		
323-U1344A-58X-CC-A 20	549.30	549.30	diatom silty clay	10	8			3				25									3			3			8											43																		
323-U1344A-59X-3-A 80	554.70	554.70	silty clay	15	10							65												3														7																		
323-U1344A-60X-3-A 134	564.84	564.84	authigenic carbonate-rich clay (needle-like carbonates)	2								5												88														5																		
323-U1344A-60X-4-A 40	565.40	565.40	diatom-rich silty clay	15			8					40												2														35																		
323-U1344A-61X-3-A 64	573.53	573.53	diatom-bearing clay	10								75																											10	5															
323-U1344A-61X-5-A 60	576.49	576.49	diatom-rich silty clay	12	12			2				47																											23	5															
323-U1344A-62X-3-A 62	582.32	582.32	diatom-bearing silty clay	9	14			14				50																											12	5															
323-U1344A-62X-6-A 78	586.98	586.98	diatom-rich clayey silt	8	12			12				8									2																	29																		
323-U1344A-63X-3-A 70	593.10	593.10	diatom-rich silty clay	15	10			15				50					3				5																	50																		
323-U1344A-63X-5-A 25	595.65	595.65	diatom-bearing silty clay	9	9			14		2		45									5			2														14																		

Core, section, interval (cm)	Top depth (m)	Bottom depth (m)	Comment	Quartz	Feldspar	K-feldspar	Plagioclase	Rock fragments	Biotite	Micas	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-U1344A-64X-2-A 110	600.63	600.63	diatom-bearing silty clay	14	10			10				48									5																		10	5																
323-U1344A-65X-5-A 70	615.20	615.20	diatom-rich clayey silt	50	5			8									13																					24																	
323-U1344A-68X-4-A 60	641.30	641.30	diatom-bearing silt	50	10			5				20					5																					10																	
323-U1344A-68X-6-A 90	644.60	644.60	diatom-bearing silty clay	30				30				27					5																					8																	
323-U1344A-70X-2-A 42	658.42	658.42	authigenic carbonate-rich diatom-rich sandy silt	35	6												6							35																12	6														
323-U1344A-70X-4-A 40	661.40	661.40	diatom silty clay	36	12												4																					48																	
323-U1344A-70X-4-A 130	662.30	662.30	diatom-rich silty clay	32	5							22					5				5																		17	6																
323-U1344A-71X-5-A 60	671.09	671.09	diatom clay	34								7												10														46					3													
323-U1344A-72X-2-A 70	677.48	677.48	diatom-rich clay	60				3				15					2																					20																	
323-U1344A-72X-4-A 70	680.48	680.48	diatom-rich silty clay	16	5			11				26					5																					37																	
323-U1344A-73X-4-A 77	689.59	689.59	diatom silty clay	30	4							13					9																					44																	
323-U1344A-73X-6-A 55	692.37	692.37	diatom-rich silty clay	48				2				12					2				5																	17																	
323-U1344A-74X-2-A 80	697.20	697.20	diatom-rich silty clay	33	5			9				14					4																					33				2													
323-U1344A-74X-4-A 40	699.80	699.80	diatom-rich silt	50	10												4				6																	30																	
323-U1344A-74X-5-A 80	701.70	701.70	authigenic carbonate-rich diatom-rich sandy silt (needle like carbonates)	16	3			2				8												47														24																	
323-U1344A-75X-2-A 29	706.29	706.29	authigenic carbonate-rich diatom silt (mottle)	15																	3			57	10														10	5																
323-U1344A-75X-2-A 60	706.60	706.60	diatom-rich clayey silt (major)	20	10		5	10				10								5	15																		20	5																
323-U1344A-75X-5-A 37	710.87	710.87	diatom-rich clayey silt (major)	15	10			10		5							5				3			5															22	10																
323-U1344A-76X-2-A 29	715.89	715.89	authigenic carbonate diatom clayey silt	9	3			9									1				3			45														30																	
323-U1344A-76X-6-A 20	721.30	721.30	diatom clayey silt (major)	14	10							14									5			5			5											48																	
323-U1344A-76X-7-A 20	721.90	721.90	diatom clayey silt (major)	16	8			8				16									5			2														47																	
323-U1344A-77X-2-A 90	725.04	725.04	diatom-rich silty clay (major)	20		5						45					5																					20																	
323-U1344A-77X-5-A 89	729.53	729.53	silty sand (sandy layer)	20	20		5	30									20							5																															
323-U1344A-77X-6-A 19	730.33	730.33	diatom-rich silty fine ash (mottle)	5																	10			5			65												10	5																
323-U1344A-77X-7-A 80	732.44	732.44	diatom clayey silt (major)	15		5						40																										38					2												
323-U1344A-78X-2-A 28	735.08	735.08	authigenic carbonate clay ((acicular carbonate crystals) (accessary)	2								18												80																																
323-U1344A-78X-4-A 64	738.44	738.44	diatom-rich clay	5		2						52					3										10											30																	
323-U1344A-79X-2-A 65	741.15	741.15	authigenic carbonate-rich diatom ooze		5																			80															15																	
323-U1344A-79X-4-A 60	744.10	744.10	diatom-rich clayey silt	20	10		10	4		6		10									12			6														20																	

	A	B	C	I	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK
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
2	323-U1344B-1H-3-A 70	3.70	3.70	diatom ooze	11	5			5																														79	63	16																

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-U1344D-1H-1-A 70	0.70	0.70	diatom ooze	27	6			2									4																						41	20																
323-U1344D-1H-2-A 80	2.30	2.30	diatom ooze	25	3												2																		1				63	6																
323-U1344D-2H-1-A 15	2.85	2.85	diatom silt	29				2				12									4																		35	18																
323-U1344D-2H-1-A 26	2.96	2.96	sand	26	18			16									38																					2																	
323-U1344D-2H-1-A 79	3.49	3.49	diatom-bearing sand (laminated sandy layer)	55	5			10				5					15				5																	5																	
323-U1344D-2H-2-A 30	4.50	4.50	diatom-rich silty clay	11	5							53																											26	5																
323-U1344D-2H-5-A 90	9.60	9.60	diatom-rich silty clay	42	6							28					6				7																	11																	
323-U1344D-3H-3-A 20	15.40	15.40	diatom-rich silty clay	7	7			6				46									4																		20	10																
323-U1344D-3H-6-A 20	19.90	19.90	diatom-rich silty clay	7	7			6				36									3		1																30	10																
323-U1344D-4H-4-A 48	26.68	26.68	sand (sandy layer; rock fragments is of metamorphic origin)	50		7	7	36																																															
323-U1344D-4H-5-A 57	28.27	28.27	silt	45		8	8	17				17																											5																	
323-U1344D-4H-7-A 42	31.12	31.12	clay	9		5	5	5				68									5																	1																	
323-U1344D-5H-4-A 68	36.38	36.38	diatom-rich clayey silt	14	19							27					1				5			3		3												27																	
323-U1344D-6H-2-A 80	42.30	42.30	diatom clayey silt	20					3			10									7			10															23	10	10		7														
323-U1344D-6H-3-A 88	43.88	43.88	silty clay (green sandy layer; very high botryoidal p	7					2			40					3				30			3															5																	
323-U1344D-6H-7-A 80	49.75	49.75	diatom ooze	10	5		5	5									2																						40	20	10		3													
323-U1344D-7H-2-A 45	52.15	52.15	foraminifera-bearing diatom silty clay (yellowish lay	8					2			27												12					8			4							39																	
323-U1344D-7H-2-A 100	52.70	52.70	diatom-bearing clayey silt	29	18				3			18					6							6				3										18																	
323-U1344D-7H-4-A 80	55.40	55.40	diatom-rich silty clay	10	5			5				35					3				5			3														35																	
323-U1344D-7H-5-A 125	57.35	57.35	authigenic carbonate diatom-rich clayey silt (carbonate grains are acicular)	10				4				10									4			61														10																	
323-U1344D-9H-3-A 110	72.33	72.33	diatom-rich calyey silt	21	9			15				21					1				3			1														29																	
323-U1344D-9H-6-A 60	76.26	76.26	diatom clayey silt	12	7			12				12									7			5														47																	
323-U1344D-10H-3-A 80	81.66	81.66	diatom-bearing silt	42	17			8																															10																	
323-U1344D-10H-7-A 60	87.25	87.25	diatom clay	8	3			5				33									3			2														55	12	33																	
323-U1344D-11H-2-A 40	89.16	89.16	diatom-rich silt	24	10			10				17					2				3			7											3			24																	
323-U1344D-11H-3-A 60	90.80	90.80	authigenic carbonate-rich diatom-bearing clayey s	12	4			5				12									2			44														18																	
323-U1344D-11H-6-A 48	94.89	94.89	clayey silt	26	19			4				30									7			4		7														4																
323-U1344D-12H-4-A 50	102.38	102.38	diatom-rich silty clay	77				8																														15																	
323-U1344D-13H-2-A 100	108.57	108.57	diatom-rich silty clay	36	4							36					4																		2			18																	

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-U1344D-13H-5-A 70	112.52	112.52	diatom-rich clayey silt	44	11			7				18									4																	16																		
323-U1344D-13H-7-A 30	115.03	115.03	diatom-rich sandy silt	45	4			5				9														1												36																		
323-U1344D-13H-7-A 80	115.53	115.53	silty fine ash	7	5			20									6									60												2																		
323-U1344D-14H-2-A 55	118.29	118.29	diatom-bearing silty clay	56				8				24									4																	8																		
323-U1344D-14H-3-A 78	120.02	120.02	authigenic carbonate-rich diatom-rich clay (needle like aragonite)	10				5				5												70														10																		
323-U1344D-14H-5-A 60	122.59	122.59	diatom-bearing clay	48	6							32					6																					6																		
323-U1344D-15H-2-A 51	127.09	127.09	diatom-rich clayey silt	49								25					4				3			3														16																		
323-U1344D-16H-3-A 0	137.65	137.65	diatom-rich silty clay	33	14			5				5																											24	14																
323-U1344D-16H-7-A 0	143.46	143.46	diatom silty clay	35	5												5				5																	50																		
323-U1344D-17H-1-A 30	145.50	145.50	diatom-rich silty clay	54	7			4									7				2			2															17	7																
323-U1344D-17H-2-A 40	146.25	146.25	authigenic carbonate-rich diatom-bearing clay (needle like carbonate)	10	2			1				20									4			57															2	4																
323-U1344D-17H-6-A 30	152.05	152.05	authigenic carbonate-rich clay	7	2			5				16												68														2																		
323-U1344D-17H-7-A 92	154.17	154.17	diatom-rich clayey silt	52	10			3				10					7																					18																		
323-U1344D-18H-2-A 50	155.90	155.90	diatom-bearing clayey silt	74	7			7																		7													4	1																
323-U1344D-18H-6-A 50	161.66	161.66	diatom-bearing clayey silt	71	7												7				7																	8																		
323-U1344D-19H-2-A 50	165.29	165.29	diatom-rich silty clay	15	5			5				50									3			5														20																		
323-U1344D-20H-2-A 30	174.50	174.50	diatom-rich silty clay	54	15			8																														23																		
323-U1344D-20H-5-A 85	179.33	179.33	diatom-rich silty clay	48	10												10							5														27																		
323-U1344D-21H-3-A 75	186.59	186.59	diatom-bearing silty clay (brown patch)	15	10			5				30											3			30												5																		
323-U1344D-21H-4-A 39	187.58	187.58	diatom-rich clayey silt	15	15			5				27									2					5												30				1														
323-U1344D-22H-4-A 47	196.75	196.75	diatom-rich silty clay	10	10			5				40									3			1														30																		
323-U1344D-22H-7-A 40	200.56	200.56	diatom silty clay	10	5			5	1			25									2																	50																		
323-U1344D-23H-4-A 60	207.26	207.26	diatom-rich silty clay	15	10			5				40									1			5														25																		
323-U1344D-24H-2-A 80	213.42	213.42	diatom-rich silt	20			15	15				10					5				5																		20	10																
323-U1344D-24H-4-A 51	215.91	215.91	diatom-bearing silty clay	25	2		1	7				24					5			5	10			5		5												10				1														
323-U1344D-24H-4-A 106	216.46	216.46	diatom-rich clayey silt	20			10	20				20					5				5																	15				5														
323-U1344D-25H-2-A 15	222.85	222.85	fine ash		10																		10			80																													
323-U1344D-26H-1-A 6	224.56	224.56	coarse ash	5																						95																													
323-U1344D-26H-2-A 100	226.37	226.37	diatom-rich silty clay	15	5		5	10		1		30					2				7					5													15	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-U1344D-26H-3-A 10	226.94	226.94	diatom-rich clayey silt	14				5				15		1			3			1	5				10		5							1						25	5																
323-U1344D-26H-CC-A 5	233.61	233.61	diatom clayey silt	20	5			10				20					3				2																			35	5																
323-U1344D-27H-1-A 70	234.70	234.70	diatom-rich silt	19	11			19				4					1				7																	38																	
323-U1344D-27H-4-A 20	238.62	238.62	diatom silty clay	11	7							26									7						4											44																	
323-U1344D-28H-3-A 100	241.91	241.91	diatom-bearing silty clay	18	13							39									8			5														13				3													
323-U1344D-29H-1-A 45	248.95	248.95	diatom clayey silt	15	5			2				20									3			5															35	10	5															
323-U1344D-29H-1-A 107	249.57	249.57	authigenic carbonate-rich diatom clay (acicular crystals of high-Mg calcite)	3				5	2			10									5			50	10															10	5															
323-U1344D-29H-5-A 90	255.36	255.36	diatom-rich silty clay	15	5			10				30					3				7																			10	15															
323-U1344D-30H-1-A 80	258.80	258.80	diatom-rich clayey silt	20	5		5	10				20					5				5						5													10	15															
323-U1344D-30H-2-A 85	260.35	260.35	authigenic carbonate-rich diatom silt	5								10												65	5															10		5														
323-U1344D-30H-5-A 60	264.52	264.52	diatom clayey silt	15	5		3	5				15								5	7																			30	5	10														
323-U1344D-30H-5-A 81	264.73	264.73	authigenic carbonate-rich diatom-rich clayey silt	15	5		5		2			10					3			15	5			10	15				1											5	4	5														
323-U1344D-31H-3-A 6	269.81	269.81	authigenic carbonate-rich diatom clayey silt		5			5				7									5			60															14																	
323-U1344D-31H-3-A 90	270.65	270.65	diatom-rich clayey silt	16	10			10				32									6			3															23																	
323-U1344D-32H-1-A 50	277.50	277.50	diatom clayey silt	16	10				2			16									3			2			3												48				2													
323-U1344D-32H-6-A 40	284.87	284.87	diatom-bearing clayey silt	20	14			6				34									2						1									1			19																	

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-U1344E-1H-1-A 80	0.80	0.80	diatom silty clay	16	4			2				19									4			1														58																		
323-U1344E-2H-2-A 100	7.80	7.80	diatom-rich clay	20	5			5				35									7						10												7	5	3														
323-U1344E-2H-3-A 142	9.72	9.72	pyrite/Fe-oxides (large smears; botyroidal)									10									80						5												5																
323-U1344E-4H-3-A 20	26.39	26.39	diatom-bearing silty clay	6	6			6				60									7						5												8	2															
323-U1344E-4H-7-A 20	32.39	32.39	diatom-rich clayey silt	12	12			8				28									10		2																20	10															
323-U1344E-5H-3-A 20	35.88	35.88	diatom-rich silty clay	5	5			5				50									5																		25	5															
323-U1344E-5H-7-A 20	41.88	41.88	diatom-rich clayey silt	11	11			20				21									7																		25	5															
323-U1344E-6H-2-A 30	44.89	44.89	diatom-rich silty clay	11	11			16				40									2																		15	5															
323-U1344E-6H-6-A 30	50.89	50.89	diatom silty clay	8	10			7				31									2																1		25	16															
323-U1344E-7H-2-A 54	53.59	53.59	diatom-rich silty clay	50	10																5			2									3						20	10															
323-U1344E-7H-4-A 103	57.08	57.08	diatom-rich clayey silt	43	7			2				22									2			2		2													11	7			2												
323-U1344E-7H-6-A 50	59.51	59.51	diatom-bearing clayey silt	45	4							35					3				3																		6	4															
323-U1344E-8H-4-A 40	66.03	66.03	diatom-rich silty clay	15	10			5				45									2						5											20				1													
323-U1344E-8H-8-A 30	71.38	71.38	diatom clayey silt	20	5			2				25					2				3			2														40																
323-U1344E-9H-2-A 60	73.29	73.29	diatom-rich clayey silt	20	10			10				26									2			2			10												20																
323-U1344E-9H-4-A 50	76.15	76.15	diatom silty clay	10	5			2				20									5			3															55																
323-U1344E-9H-7-A 40	80.51	80.51	diatom-bearing silty clay	20	10			5				53					2				3			2															5																
323-U1344E-10H-3-A 55	84.57	84.57	diatom-rich silty clay	10	5			10				40									1			2			5												25																
323-U1344E-10H-5-A 60	87.60	87.60	diatom-bearing clayey silt	15	20			10				45					2																						10																
323-U1344E-10H-7-A 70	90.16	90.16	diatom-rich silty clay	10	5			5				45									1								2							1			30																
323-U1344E-12H-4-A 50	97.73	97.73	diatom-bearing silt	20	22			30				19					3																						5	1															
323-U1344E-12H-6-A 35	100.49	100.49	diatom-rich clayey silt	15	15			21				25					3						1																20																
323-U1344E-13H-5-A 50	108.93	108.93	diatom-rich silty clay	10	10			10				35									3			3			5												25																
323-U1344E-14H-3-A 80	115.73	115.73	diatom-rich silty clay	28	4							33									2																		22	11															
323-U1344E-14H-7-A 10	120.96	120.96	authigenic-carbonate-rich diatom-bearing silt	23	11			5									23				7			23															7	2															
323-U1344E-14H-7-A 90	121.76	121.76	diatom-rich clayey silt	48	6							16									6																	24																
323-U1344E-15H-2-A 100	124.80	124.80	diatom-rich clay	27	5			5				27					18																					18																
323-U1344E-16H-2-A 80	128.57	128.57	diatom-rich clayey silt	16	10	6						32									3																		26	6															
323-U1344E-17H-1-A 56	136.86	136.86	diatom-bearing clayey silt	18	18			8	3			26									8			3														18					3												

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-U1344E-17H-3-A 50	138.41	138.41	diatom clayey silt	9	9			3				15					3				6			2		3												46																	
323-U1344E-17H-6-A 90	143.23	143.23	diatom-rich clayey silt	14	10			10				20									6			4			4												31																	
323-U1344E-18H-2-A 120	148.23	148.23	diatom-bearing authigenic carbonate-rich silty clay (must be mottle; looked like major lithology) (carbonate is small needles--high Mg Calcite?)	10	5							26					2						7	35	7														8																	
323-U1344E-18H-3-A 23	148.63	148.63	diatom-bearing authigenic carbonate-rich silty clay (accessory interval)	10	2		3					22											5	30	5		15												8																	
323-U1344E-18H-4-A 110	150.78	150.78	authigenic carbonate- and nannofossil- and diatom-bearing clayey silt	15	5			5				25					5			5	10				10								10						10																	
323-U1344E-19H-4-A 30	159.36	159.36	clayey silt	23	16			16				23									5						7		5										7																	
323-U1344E-19H-7-A 120	164.74	164.74	diatom-rich silty clay	16	11			5				38									11			3															16																	
323-U1344E-20H-2-A 30	166.01	166.01	nannofossil-bearing, diatom-rich clayey silt	15	7		3	5				20								3			10		5								10			2				15		5														
323-U1344E-20H-7-A 80	173.49	173.49	diatom-rich sandy silt	15	5		5	5				25					2			5			5				2					1							15	10	5														
323-U1344E-21H-3-A 50	177.40	177.40	diatom-bearing clayey silt	13	8			18				26					3				8			5			8												11																	
323-U1344E-21H-5-A 78	180.58	180.58	authigenic carboante- and diatom-rich clayey silt (carbonate is small needle-like form)	9	4			4				9									4			57															13																	
323-U1344E-22H-3-A 30	186.14	186.14	diatom-rich clayey silt	30	7			3				23					2				7			3															33																	
323-U1344E-22H-6-A 80	191.14	191.14	diatom-bearing silt	20	12			27				20									2			8															12																	
323-U1344E-23H-3-A 80	195.77	195.77	diatom-bearing silty clay	15			5	11				46					3				8												4						9																	
323-U1344E-23H-6-A 27	199.59	199.59	diatom ooze (accessory--lighter interval)	10	5							10											5	5			5						3							35	15	7														
323-U1344E-23H-7-A 40	201.22	201.22	diatom clayey silt	10	5			5				25											5				5									3				25	15		2													