



Sample	Texture					DOMINANT/MINOR LITHOLOGY	Minerals																	Biogenic											LITHOLOGY				
	Top Depth (m)	Bottom Depth (m)	Sand (% texture)	Silt (% texture)	Clay (% texture)		Quartz	Feldspar (undifferentiated)	Rock Fragments	Micas (undifferentiated)	Biotite	Muscovite	Chlorite	Clay	Glaucanite	Ferromagnesian minerals	Dense minerals (undifferentiated)	Zeolite	Pyrite	Opaque minerals (undifferentiated)	Fe-oxide	Carbonate	Micrite	Foraminifera	Nannofossils	Ostracodes	Bioclasts (undifferentiated)	Calcareous sponge spicules	Radiolarians	Diatoms	Spicules	Siliceous debris (undifferentiated)	Pollen	Organic Debris		Plant debris	Echinodem fragments		
317-U1351B-19X-2-W 70/70	143.8	143.8	15	63	2	Minor	40	5						10	8	3								5	4														sandy glauconitic calcareous silt
317-U1351B-19X-2-W 110/110	144.2	144.2		50	45	Dominant	50	2				7	1					32						tr	2														mud
317-U1351B-19X-4-W 37/37	146.5	146.5	1	40	30	Dominant	35	4										22						2	5	1	6	6										calcareous mud	
317-U1351B-19X-4-W 42/42	146.5	146.5		45	50	Dominant	37	3				4	3					40						0	3													mud	
317-U1351B-19X-CC-W 10/10	147.3	147.3	20	40	15	Minor	38	5				4	4					2	3	2				3	8		10	3									sandy calcareous mud		
317-U1351B-20X-2-W 87/87	153.6	153.6		48	50	Minor	40	3										40						0	1													mud	
317-U1351B-20X-6-W 100/100	159.7	159.7	10	65	15	Dominant	40	3	6	5	2							15						1	3		4	2										mud	
317-U1351B-21X-1-A 102/102	161.8	161.8	10	80	10	Minor	20	20	10									1	6					5														Silt	
317-U1351B-21X-2-A 73/73	163	163	tr	50	50	Dominant	10	20					tr											tr														Mud	
317-U1351B-21X-5-A 102/102	167.8	167.8		50	50	Dominant	20	20																1	tr													Mud	
317-U1351B-21X-5-A 113/113	167.9	167.9	1	50	50	Minor	10	10																5	10		10											Mud (Calcareous)	
317-U1351B-21X-CC-A 22/22	168.3	168.3	5	50	50	Minor	5	5																2	10		35										Marl		
317-U1351B-22X-1-A 94/94	171.3	171.3	5	65	30	Dominant	10	10										33						5	10		20										Mud (Calcareous) - Marl		
317-U1351B-22X-1-A 135/135	171.8	171.8		30	70	Minor	7	7																tr	2		2						tr	tr				Mud	
317-U1351B-25X-1-A 60/60	199.8	199.8	5	45	50	Dominant	20	15																tr	tr													Mud	
317-U1351B-25X-3-A 44/44	202.2	202.2	5	10	15	Minor	5	5				tr						15						4	10		30										Mostly Shell Hash		
317-U1351B-27X-2-A 75/75	220.7	220.7	5	75	20	Dominant	30	30				1	10	3	20									0	tr													Silt	
317-U1351B-27X-3-A 110/110	222.5	222.5	5	55	40	Minor	5	5					5					15						3	15		8										Mud with Authigenic Carbonate		
317-U1351B-27X-CC-A 10/10	226.1	226.1	tr	90	10	Minor	30	25	10				3	5	2	10		tr						0													Silt		
317-U1351B-28X-5-A 50/50	234.5	234.5	5	60	35	Dominant	15	15										20						tr	tr		tr											Mud	
317-U1351B-29X-3-A 100/100	241.5	241.5	3	45	40	Dominant	45	7	4	4	1							20						1	5								2				mud		
317-U1351B-30X-1-A 70/70	247.8	247.8	15	47	15	Dominant	31	5	4	2	3			2	5	8	4	3						8	4		10										glauconitic calcareous sandy mud		
317-U1351B-30X-2-A 60/60	249.2	249.2	8	40	30	Minor	38	3	2	1				1	12			3						8	10		7	1									calcareous mud		
317-U1351B-30X-4-A 70/70	252.3	252.3	5	45	25	Dominant	40	2	1	3	2			1	15	2	2	3						10	6		8										calcareous mud		
317-U1351B-30X-5-A 100/100	254.1	254.1	2	50	30	Minor	37	3	2	3	2	1		1	18			5						6	6		4	1									mud		
317-U1351B-31X-1-A 33/33	257	257	8	50	15	Dominant	40	2	2	4	1			1	8	2	4	5						6	12		6	1										calcareous mud	
317-U1351B-31X-4-W 38/38	261.6	261.6	30	50	Minor	35	5	5	4	1				1	12	8	4	4						5	3		8										glauconitic sandy silt		
317-U1351B-31X-4-W 66/66	261.9	261.9	45	50	Minor	36	3	1							40			3						5	2		3											mud	
317-U1351B-31X-5-A 40/40	263.1	263.1	5	55	30	Dominant	48	2	2	4	2			1	15			5						4	3													mud	
317-U1351B-32X-3-A 50/50	269.8	269.8	10	50	14	Dominant	35	3	1	1	2			2	7	10	4	3						4	8		8	2				2						glauconitic calcareous sandy mud	
317-U1351B-32X-3-A 100/100	270.3	270.3	10	45	35	Minor	36	2	5	2	3			2	20	1	5	4						2	8		3	1									mud		
317-U1351B-33X-1-A 100/100	276.9	276.9	20	50	15	Dominant	40	2	4	3	2			3	8	4	5	8						2	5		5	1										slightly glauconitic sandy mud	
317-U1351B-34X-1-A 50/50	286	286	7	65	15	Dominant	45	4	3	3	3			1	14	2	3	4						2	5		4	1										Mud	
317-U1351B-35X-CC-A 5/5	295.2	295.2	18	50	18	Dominant	48	3	4	2	3			1	7	2	3	4						3	2		7	5	2									Sandy mud	
317-U1351B-36X-3-A 60/60	308.3	308.3	15	50	17	Dominant	42	5	1	1	2			1	10	3	4	12						3	7		1	1											Sandy mud
317-U1351B-37X-1-A 100/100	314.9	314.9	10	55	20	Dominant	40	3	6	3	2				15			4						4	4		8											calcareous mud	
317-U1351B-38X-CC-A 10/10	323.6	323.6	15	62	10	Dominant	55	3	3	2				1	8	1	4	6						0	4		7	2										sandy mud	
317-U1351B-39X-1-A 75/75	333.9	333.9	15	55	30	Dominant	27	16	5					1	8	3	25							1	1		2	tr										Mud	
317-U1351B-39X-3-A 70/70	336.8	336.8	35	40	25	Dominant	25	15	10															3	1		2	tr										Sandy Mud	
317-U1351B-40X-1-A 75/75	343.5	343.5	40	40	20	Dominant	15	15	15				tr		10	5	20							1	tr		tr	tr											Sandy Mud
317-U1351B-42X-CC-A 6/6	362	362	40	30	30	Dominant	20	15	10					tr	3	30		tr						1	15		2											Sandy Mud	
317-U1351B-43X-1-A 10/10	371.6	371.6	30	40	30	Dominant	20	15	12				tr		5	30								3	5		tr	tr										Sandy Mud	
317-U1351B-44X-1-A 60/60	381.7	381.7	20	60	20	Dominant	20	15						5	5	20		tr						0	2		1											Sandy Mud	
317-U1351B-45X-2-A 60/60	392.8	392.8	5	65	30	Dominant	20	20	5				</																										



Sample	Texture				DOMINANT/MINOR LITHOLOGY	Minerals														Biogenic														LITHOLOGY			
	Top Depth (m)	Bottom Depth (m)	Sand (% texture)	Silt (% texture)		Clay (% texture)	Quartz	Feldspar (undifferentiated)	Rock Fragments	Micas (undifferentiated)	Biotite	Muscovite	Chlorite	Clay	Glauconite	Ferromagnesian minerals	Dense minerals (undifferentiated)	Zeolite	Pyrite	Opaque minerals (undifferentiated)	Fe-oxide	Carbonate	Micrite	Foraminifera	Nannofossils	Ostracodes	Bioclasts (undifferentiated)	Calcareous sponge spicules	Radiolarians	Diatoms	Spicules	Siliceous debris (undifferentiated)	Pollen		Organic Debris	Plant debris	Echinoderm fragments
317-U1351B-71X-CC-A 30/30	611.4	611.4	20	60	10	Dominant	50	5	10	3	1													2	6												sandy silt
317-U1351B-72X-1-A 100/100	621.6	621.6	5	70	20	Dominant	45	4	12	5	2		4	15		3	5							2												silty mud	
317-U1351B-73X-1-A 40/40	630.6	630.6	15	40	30	Dominant	42	2	8	3	1		3	18		2	4							2	8											sandy calcareous mud	
317-U1351B-74X-CC-A 14/14	639.9	639.9	15	55	20	Dominant	45	3	11	3	1		3	12		2	5							2	7											sandy calcareous mud	
317-U1351B-75X-CC-A 20/20	649.6	649.6	20	60	10	Dominant	50	3	13	4	1		3	6		2	3							3	6											sandy silt	
317-U1351B-76X-CC-A 30/30	659.3	659.3	20	50	15	Dominant	47	2	8	2	3		2	8		2	4							4	5											calcareous sandy mud	
317-U1351B-77X-1-A 40/40	669	669	15	60	20	Dominant	50	2	8		2		2	15		1	3	5						2	2											sandy mud	
317-U1351B-78H-1-A 50/50	678.7	678.7	20	60	5	Dominant	48	2	10	2	3		4	3		2	6							4	3											slightly calcareous sandy silt	
317-U1351B-80X-CC-A 12/12	687.9	687.9	20	60	10	Dominant	55	3	12	4	1		3	6		2	3							2	5											sandy silt	
317-U1351B-82X-CC-A 15/15	707.2	707.2	20	55	15	Dominant	50	7	9	3	2		1	10		1	3							4	2											sandy mud	
317-U1351B-84X-1-A 20/20	726.3	726.3	17	57	10	Dominant	50	2	8	3	2		4	4		3	5							5	4											sandy calcareous silt	
317-U1351B-86X-1-A 20/20	736.9	736.9	20	60	10	Dominant	52	2	10	2	3		1	4		4	5							2	5											sandy silt	
317-U1351B-88X-1-A 90/90	755.8	755.8	15	60	20	Dominant	50	2	8	3	2		3	16		2	4							2	2											sandy mud	
317-U1351B-89X-1-A 100/100	765.5	765.5	15	60	15	Dominant	57	2	9	3	2		3	6		1	3							2	4											sandy mud	
317-U1351B-90X-2-A 101/101	776.6	776.6	20	60	10	Dominant	50	3	10	2	3		2	6		4	6							3	4											sandy silt	
317-U1351B-92X-2-A 100/100	795.8	795.8	15	45	30	Dominant	30	15	10	3	1		2	19		1	3							4	1											sandy calcareous cemented mud	
317-U1351B-93X-4-A 80/80	808.3	808.3	12	50	25	Dominant	32	10	12	2	1		2	16		2	2							3	3											sandy calcareous mud	
317-U1351B-94X-4-A 70/70	817.8	817.8	20	80	20	Minor	15	15	10				5	5		23								5	10												
317-U1351B-95X-CC-A 10/10	822.4	822.4	25	50	25	Dominant	15	8	2				5	20		25							tr	tr		3	10									Calcareous sandy mud	
317-U1351B-96X-CC-A 24/24	832	832	65	30	5	Dominant	20	20	20				5	11		5									3	2										Silty sand	
317-U1351B-97X-1-A 96/96	842.4	842.4	15	80	20	Dominant	20	10	5				5	15		20									5	5										Calcareous mud	
317-U1351B-98X-1-A 26/26	851.3	851.3	30	60	10	Dominant	25	20	15				5	5		10									1	2										Sandy silt	
317-U1351B-99X-1-A 33/33	861	861	40	35	25	Dominant	23	15	15				5	5		25									4	2										Sandy mud	
317-U1351B-100X-1-A 134/134	871.6	871.6	30	50	20	Dominant	20	5	5				5	20									tr	5		5	10									Calcareous sandy silt	
317-U1351B-100X-4-A 85/85	875.7	875.7	30	50	20	Minor	20	10	15				5	10		20									5	5										Calcareous sandy mud	
317-U1351B-100X-5-A 73/73	877	877	30	50	20	Minor	20	10	15				5	10		20									5	5										Calcareous sandy mud	
317-U1351B-101X-2-A 21/21	881.6	881.6	70	20	10	Dominant	25	15	20				5	5		10									2	2										Silty sand	
317-U1351B-101X-2-A 38/38	881.8	881.8	30	60	10	Minor	15	10	tr				5	5		10										10										Calcareous sandy silt	
317-U1351B-104X-1-W 21/21	909	909	20	45	20	Dominant	40	6	9	3	4		2	12									1	3		2	1									sandy calcareous mud	
317-U1351B-104X-2-W 102/102	911.3	911.3	15	60	15	Dominant	45	6	6	2	4		3	10											5	2										sandy mud	
317-U1351B-105X-CC-W 15/15	918.6	918.6	25	50	12	Dominant	45	3	8	2	4		1	9											7	2										Calcareous sandy mud	
317-U1351B-106X-2-A 50/50	930	930	20	58	6	Dominant	45	4	8	2	3		2	4		4	3							5	2											Calcareous sandy mud	
317-U1351B-107X-1-A 12/12	937.7	937.7	25	52	10	Dominant	40	5	5	4	4		4	8		3	5							3	4											Calcareous sandy mud	
317-U1351B-109X-1-A 121/121	958	958	20	50	14	Dominant	40	8	8	2	3		4	9		1	8							5	2												
317-U1351B-109X-3-A 70/70	960.5	960.5	20	60	10	Dominant	45	6	8	2	3		5	4		1	5								5	4											
317-U1351B-111X-1-A 30/30	976.2	976.2	15	55	15	Dominant	40	7	10	1	3		2	6		1	1							4	3												
317-U1351B-112X-1-A 140/140	986.9	986.9	10	50	25	Minor	32	4	2	3	5		6	15										6													
317-U1351B-112X-3-A 80/80	989.3	989.3	10	65	15	Dominant	55	8	4	3	2		3	8		1	3								1	3											
317-U1351B-113X-2-A 114/114	997.7	997.7	20	70	10	Dominant	25	15	5				5	10		10									2	10										Calcareous sandy silt	
317-U1351B-113X-2-A 120/120	997.8	997.8	40	65	5	Minor	10	10	5				5	10		5									5	2										Calcareous sandy silt	
317-U1351B-114X-1-A 27/27	1005	1005	50	45	5	Dominant	20	10	15				5	15		5									2	3										Calcareous silty sand	
317-U1351B-115X-CC-A 14/14	1014	1014	30	65	5	Minor	20	15	15				5	10		5									8	3										Calcareous sandy silt	
317-U1351B-116X-CC-A 15/15	1024	1024	20	70	10	Dominant	17	10	10				tr	10		10										5	10									Calcareous sandy silt	