Expedition 317 Canterbury Basin: U1352 B 10 H 1 84.20

Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology: SILT

Offset (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other	Logged by: NM Date: 12.1.15
0				↑			md homogeneous gray mud with broken shell fragments	
10		10Y 4/1	expanding	①				
15		5GY 4/1	diffu	↓			m-f sdy mud, common shell fragments + forams	
20		10Y 4/1		②			md homogeneous gray mud	
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1352 B 10H 2 84.46

Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology: SILT

Offset (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other	Logged by: NM Date: 12-1-19
0								
10							md homogeneous, moderate mottled scattered shells & shell fragments	
20							16-18 a shell bivalve	
30								
40		10Y 4/1	expanding					
50			slight	2				
60							63-64 a shell bivalve only mold.	
70								
80								
90						S	94	
100								
110							104-110 2 shells bivalve <7cm + bryozoa Chlamys delaccatula at 104-110 and 16-20 cm	
120								
130								
140	X	138						
150								

Expedition 317 Canterbury Basin: U1352 B 104 3 85.96

Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology: V.F. SAND

Offset (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other	Logged by: CM FU Date: 12-2-09
0							FROM 0 - 54 cm HOMOGENEOUS MUD RICH IN SILT - LIGHT MOTTLING THROUGHOUT SECTION -	
10								
20								
30								
40								
50		5GY					FROM 70 TO 54 cm V.F SANDY MUD BED WITH SHELL FRAGMENTS INCLUDING BRYOZOA BASAL CONTACT GRADATIONAL SHELL FRAG - ABUNDANT 70 - 74 cm	
60		4/1		2				
70				2				
80								
90								
100							SCATTERED SHELL FRAGMENTS - RARE	
110							85-86 cm 93-95 cm 98-101 cm 123-128 cm	
120								
130								
140							70-150 Homogeneous mud	
150								

Expedition 317 Canterbury Basin: U1352 B 10 4 87.46

Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology: SILT

Offset (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other	Logged by: CM GU Date: 12-2-09
0							FROM 0 - 137 cm	
10							MINO GENEUS MUD	
							RARE SCATTERED	
20							SHELL FRAGMENTS	
							At -	
							12 -	
30				1			21-24	
							29 ; 33	
40		5GY					40-44 ; 65 ; 73 ; 94	
50		4/1					97-105 ; 120 ; 135 -	
60							SLIGHT FRACTURING	
							DISTURBANCE	
70								
80								
90				1				
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1352 B 10 5 88-96

Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology: SILT

Offset (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other	Logged by: MR Date: 12-2-09 CM
0							FROM 0 - 149 cm HOMOGENEOUS MUD. (RICH IN SILT)	
10								
20				2			FROM 113 TO 119 A F SANDY MUD BED WITH SHELL FRAGMENTS AND 5Y 4/2 A SHARP ANGULAR DIPPING CONTACT SEPARATES THE BED FROM THE MUDS BENEATH. FINES UPWARDS RARE SHELL FRAGMENTS 3-8; 22-24; 33-37; 47; 101-102; 119-122; 131-133.	
30								
40								
50		5GY 4/1						
60								
70				2				
80								
90								
100							LIGHT MOTTLING THROUGH OUT THE SECTION	
110		5Y 4/2			108	S		
120								
130		5GY 4/1		2				
140								
150								

Expedition 317 Canterbury Basin: U1352 B 10 6 90.46

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Sandy Mud

Offset (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other
0							0-150cm
10		5GY 4/1					• Mud homogeneous.
16							
20							• discrete greenish gray f. sandy mud with common shell fragments at 22-42
22							
30		10Y 4/1				S	33 sharp basal contact, gradational top contact
40							• rare shell fragments throughout at 57-58. 10-12, 1-2
42				47			
50							
60				3			• discrete burrows. filled with sand 47-90 cm
70		5GY 4/1					• sandy mud with shell fragments including bivalves 142-148 cm
80							
90							• slightly fracturing.
100							
110				2			
120						S	120
130							
140							
142							
148							
150							150cm

Logged by: GU CM. MR Date: 12-02-09

Expedition 317 Canterbury Basin: U1352 B 10 7 91-96

Site: Hole: Core: Section: Top Depth:

Major Lithology: Sandy Mud Minor Lithology: Muddy Sand

Offset (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other	Logged by: GV MR CM	Date: 12-02-09
0							@ Interbedded sand & mud		
10		10Y 4/1					• muddy v.f. sand 0-28cm gradational basal contact		
20							• muddy v.f sand 36-80 sharp top and gradational basal contact.		
28 30		10GY 4/1					• muddy v.f. sand gradational top contact.		
36 40				2.			• rare shell fragments throughout.		
50		10Y 4/1					• slightly mottling.		
60									
70									
80		10GY 4/1							
87 90		10Y 4/1							
100							100cm		
110									
120									
130									
140									
150									

Expedition 317 Canterbury Basin: U1352 B 10 8 92.96

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Muddy Sand

Offset (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other	Logged by: GU MR Date: 12-02-09
0		10YR 4/1					0-65 cm homogeneous mud with discrete muddy sand beds	
10		10YR 4/1		1				
20							· 0-4 cm gradational basal contact with common shell frags (mostly mm size)	
24		10YR 4/1		2	23 24			
27								
30		10YR 4/1		1				
32				2	31 32			
37		10YR 4/1					· 24-27 cm sharp basal contact gradational top contact with burrows	
40								
50		10YR 4/1		1			· 32-37 cm sharp basal contact gradational top contact with burrows	
60								
65							· sand layers have shell frags	
70								
80							· shell fragments at 21, 58 cm	
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1352 B 10 CC 93.61

Site: Hole: Core: Section: Top Depth:

Major Lithology:..... Minor Lithology:.....

Offset (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other	Logged by: GW MR	Date: 12-02-09
0				A			0 – 55 cm homogenous mud (clay)		
10									
20		5G 4/1	bacterias				Shell fragments at 0 - 2 cm 14 cm		
30				1					
40			slight				Lithology		
50	PAL						mud = 87% interbedded sand + mud = 10% sandy mud = 3%		
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									