Expedition 317 Canterbury Basin: U1351 B 1H 1A

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud 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: GB / JJ Date: 19.11.09
0								
10							Fine sandy mud with rare broken shells. No core disturbance.	
20								
30								
40				(3)				
50								
60		10Y 4/2						
70								
80					SS 75cm			
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1351 B 1H 2A

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	Logged by: GB NM / JJ Date: 19 11
0								
10							slightly shelly, fine sandy mud. Bioturbated throughout. Prominent thin shelled pecten at 48cm below top	
20				↑				
30		10Y 4/2		(3)				
40								
50								
60								
70		72cm						
80							shelly fine to very fine sandy mud	
90								
100		5GY 4/1		(4)				
110								
120								
130		129cm.			55 123 cm		shelly fine-med sand. Gastropods abut	
		133 cm					muddy fine sand shell hash. Numerous bivalve shells including Tawera	
140		5GY 4/1		(1)				
150								

Expedition 317 Canterbury Basin: U1351 B 1H 3A

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: 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: GB/JJ/NM Date: 19.11.09
0		4cm.		1			muddy shell hash.	
10							very fine micaceous sandy mud with rare shells (turretelids common)	
20					mica			
30							Distinct shelly horizons at 127-129cm and 142-144cm below top.	
40								
50								
60		5G 4/1		3				
70								
80								
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1351 B 1H 4A

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud 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: GB/JJ/NM Date: 19.11.09
0								
10				4	F		5cm	slightly shelly mud. Rare gastropods (Turretelids)
20					F			3cm thick lens of richly shelly mud at base dominated by Turretelids
30								
40					F		38cm	At 5cm below top, fining upward from silt to clay
50		5G 4/1			51cm			Between 5 - 38cm alternating fining upward silt - clay laminae.
60								
70				1				
80								
90								
100								
110								
120								
130								
140								
150		146cm						

Expedition 317 Canterbury Basin: U1351 B 1H 5A

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud. 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: GB/NM/JJ Date: 19.11.09
0								
10				4			slightly shelly mud. Shells of turretelids.	
20				25 cm				
30								
40		5G 4/1			SS 41 cm		8	
50				2				
60								
70				70 cm				
80				1				
90								
100		101 cm						
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1351 B 1H 6A

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud 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: GB/JJ/NM Date: 19.11.09
0		5G 4/1		1			slightly shelly mud. Sharp irregular basal contact with clay-rich interval below.	
5cm								
10								
20		5G 4/1		2			slightly shelly mud. At 45cm, a 1cm tk shelly horizon.	
30								
40								
48cm								
50							silty clay between 48cm - 53cm.	
53cm								
60		5G 4/1						
70								
80								
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1351 B 1H CC

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud 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: Date:
0							8 slightly shelly sandy mud. Rare gastropods	
10		5G 4/1		1				
20	PAL	23cm			6cm tk			
30								
40								
50								
60								
70							% of core lithology.	
80							fine sandy mud = 96 %	
90							med sand = 1 %	
							shell hash = 3 %	
100								
110								
120								
130								
140								
150								