Expedition 317 Canterbury Basin: U1354 C 3H 1 72.5 - 73.00

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 Date: 31 Dec
0		0						
10		5GY 4/1	Soupy				0-49 cm Mud	
20		22		1			Mud with a few % v f sand. Scattered shells common throughout Bivalves (broken) and Stirocolpus. More clay rich in top 22cm.	
30			Soupy but less so.					
40							Soupy particularly in top 22cm.	
50		49						
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1354 C 3H 2 73 - 74.29

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Sandy marl

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 Date: 31 Dec
0	EMPTY							
10		14					4-66cm Mud	
20							Mud with a few % vf sand Broken bivalves common + scattered throughout. Well rounded graywacke pebbles at 30cm - 1cm diam. 45cm - 1.5cm diam	
30		5GY 4/1		①				
40			Soupy					
50							Clay - rich above 50cm.	
60		66					66 - 130 Sandy marl	
70								
80							vf - fine (mostly vf) micaceous sandy marl. Shells common + scattered throughout	
90		5GY 4/1		②			Between 103 - 105cm 1cm thk x 4cm wide crs sand filled shelly ?furrow	
100								
110								
120								
130		130						
140								
150								

Expedition 317 Canterbury Basin: U1354 C 3H 3 74.29 – 75.79

Site: Hole: Core: Section: Top Depth:

Major Lithology: Sandy marl. Minor Lithology: Sand and 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 Date: 31 Dec
0		0						
10							0 – 66 cm Shelly sandy marl	
20							vf – f shelly sandy mud. Shells	
				↑			dominated by broken bivalves	
30				2				
40		10Y 4/1		↓				
50								
60								
		66		—				
70							66 – 111 Shelly sand	
				↑			poorly sorted vf – med (u)	
80		10GY 4/1		1			mostly f shelly sand Shells	
							v common & scattered throughout	
90				↓			Also include Stirocalpus	
100								
110		111						
							111 – 150 cm. Mud	
120				↓			Mud with v f sand – < 10%.	
		10Y 4/1		1			Shells rare & scattered throughout.	
130							Sandy particularly below 134 cm	
		134	↑	↓				
140			Sandy					
150		150						

Expedition 317 Canterbury Basin: U1354 C 3H 4 75.79 - 77.29

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 Date: 31 Dec
0		0						
10					b			
20							0 - 149 cm. Shelly mud.	
30							Shelly vf sandy clay-rich mud. Shells typically bivalves + broken including Dosinia + Stivocolpus	
40								
50		10Y 4/1		↑	b		Rare well rounded greywacke v large pebbles up to 4.5cm diameter (at 123-126 cm)	
60			↑	(1)				
70				↓			Soupy throughout.	
80			Vessel					
90					b			
100								
110								
120								
130					b			
140								
150		149						

Expedition 317 Canterbury Basin: U1354 C 3H 5 77.29-78.18

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 Date: 31 Dec
0		0						
10							0-84 cm. Mud	
20							Mud with a few % of sand shells - broken bivalves common to rare.	
30			Parts less deformed.				Occur at 36cm, 42cm, 63cm 69cm.	
40		10Y 4/1		↑ ①			Parts more coherent than others.	
50			Sandy ↑	↓			Sandy material surrounds more coherent mud	
60			↓					
70							Percentage lithology:	
80		84						%
90							Mud 373 68	
							Sandy mud 130 24	
							Sand 45 8	
100							548 100	
110								
120								
130								
140								
150								