Expedition 317 Canterbury Basin: U1354 (Site:) A (Hole:) 8H (Core:) 1 (Section:) 31.30 (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: QR Date: 29 Dec.
0		0					0-52cm Shell hash	
10							Shell hash dominated by Tawera and Stivocolpus, with lesser Dentalium, Dosinia, Cominella Both adult + juvenile forms of Tawera.	
20								
30			cave in	(1)			Likely cave-in.	
40								
50		52					52-64cm Shelly mud. Matrix is a mud but with shells as in unit above. Likely drilling disturbance.	
60								
64		64						
70							64-126cm vf sandy mud, micaceous with abundant shells scattered throughout - dominated by Tawera. Shells form diffuse layer at 103-104cm.	
80								
		10GY 4/1						
90				(2)				
100							126-130cm.	
110							Mud with a few % vf sand. No shells.	
120								
126		126						
130		130		(3)				
0								
150								

Expedition 317 Canterbury Basin: U1354 (Site:) A (Hole:) 8H (Core:) 2 (Section:) 32.80 (Top Depth:)

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

Depth at (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: GE Date: 29 Dec.
0		0					0-95cm Mud. with a few % v f sand. Slightly color mottled due to burrows - Burrows appear to be v f sand filled + mud - filled burrows. Rare Stivocolpus scattered throughout. Calcareous Concentrated Stivocolpus shells at 72 - 78cm within a v f to f sandy matrix - ? storm deposit.	
10								
20								
30				↑				
40		5G 4/1		(3) ↓				
50								
60							Between 90-95cm clay-rich mud bed. - 5G 5/1. Diffuse top + bottom	
70								
80		5G 5/1					95-139cm.	
90		90		(2)			v f micaceous sandy mud. Homogeneous. Rare shells - Stivocolpus scattered throughout.	
100		95						
110		5GY 4/1		↑				
120				(3) ↓				
130								
0		139						
150								

Expedition 317 Canterbury Basin: U1354 (Site:) A (Hole:) 8H (Core:) 3 (Section:) 34.30 (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: GB Date: 29 Dec
0		0						
10					6		0-141 cm Sandy mud	
20							v f micaceous sandy mud - calcareous	
30					6		Homogeneous. Generally rare shells but diffuse layers of Stirocalpus at	
40							7-11cm	
50					6		29-32cm	
60		5GY		↑			48-52cm.	
70		4/1		(3)	70	SS	84-86cm.	
80				↓	6		135-139cm - well defined + concentrated	
90							Dark gray v f sand filled burrows	
100							< 2mm diameter at 44cm.	
110								
120								
130					6			
141		141						
150								

Expedition 317 Canterbury Basin: U1354 (Site:) A (Hole:) 8H (Core:) 4 (Section:) 35.80 (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: GE Date: 29 Dec
0		0						
10								
20							0-130 cm Sandy mud	
30							N f micaceous sandy mud Calcareous shells usually rare + scattered throughout. Diffuse concentrated layers of shells – mostly Stiracolpus at	
40								
50							7-10cm	
60		5GY 4/1		↑ (3) ↓			40-44	
70							50-58	
80							64-74	
90							108-115 cm	
100								
110								
120								
130		130						
150								

Expedition 317 Canterbury Basin: U1354 A 8H 5 37.30

Site: Hole: Core: Section: Top Depth:

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

et (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: 29 Dec
0		0						
10							0-74 cm Sandy mud	
20							v.f micaceous Sandy mud Calcareous. Shells common + scattered throughout. Dominated by Stirocolpus and lesser Tawera	
30				↑ (3) ↓				
40							Diffuse layer of Stirocolpus at 62-67 cm	
50								
60							Slight color mottling.	
70		74						
80							% lithologies	
90								
100								
110								
120								
130								
150								

		%
Sandy mud	451	73
Mud	99	16
Clayey mud	5	1
Shell hash	64	10
	619	100