Expedition 317 Canterbury Basin: U1352 (Site:) B (Hole:) 7H X (Core:) 1 (Section:) 609.90 - 614.88 (Top Depth:)

Major Lithology: Sandy 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: QB Date: 5 Dec
0			Very soft					
10		8					0-150 cm	
20							Sandy mud. Moderately well sorted v f to fine (mostly v f) sandy mud. Have white-colored blebs - probably former shells that have dissolved partially. Calcareous	
30								
40				↑				
50		10GY 4/1		2			Homogeneous	
60				↓				
70								
80								
90								
100								
110								
120								
130								
140								
150		150						

Expedition 317 Canterbury Basin: U1352 B 71X 2

Site: Hole: Core: Section: Top Depth:

Major Lithology: Sandy 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: 5 Dec
0							0-140 cm	
10							Sandy mud. Moderately well sorted, vf to fine (mostly vf) sandy mud. Occasional light coloured blebs — thought to be partially dissolved shells. Calcareous.	
20								
30								
40							Slightly more sand-rich in top 5cm.	
50				↑				
60		10GY 4/1	Slight bioturbed	2			Homogeneous.	
70				↓				
80								
90								
100								
110								
120								
130								
140		140						
150								

Expedition 317 Canterbury Basin: 41352 B 71X 3

Site: Hole: Core: Section: Top Depth:

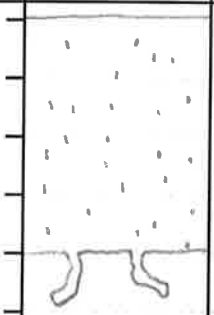
Major Lithology: Sandy mud Minor Lithology:

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: 5 Dec
0								
10					9 F		0–110 cm Sandy mud. Moderately well sorted. vf to fine (mostly vf at top + mostly fine at base) calcareous sandy mud. Occasional light-colored blebs – thought to be partially dissolved shells – eg at 72cm.	
20								
30								
40		10GY						
50		4/1		2	↑ F		Grade wave sand downward	
60							Homogeneous	
70							Appears to be an overall fining upward trend throughout section	
80								
90								
100					⇑ F			
110		110						
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1352 B 71X 4 614.0

Site: Hole: Core: Section: Top Depth:

Major Lithology: ~~Sandy~~ 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: CRK Date: 5 Dec
0		10GY 4/1		↑ (2) ↓	↑ F		0-20cm well sorted, vf-fine (mostly fine) calcareous muddy sand. Few white blebs thought to represent partially dissolved shells. Sharp basal contact — burrowed — sand-filled burrows extend up to 5cm into underlying mud.	
10								
20		20						
30		5G 4/1	← slightly disturb. →	(3)			20-60cm distinctly more gray colored mud with very fine ~~sandy~~ micaceous ~~sand~~. Homogeneous.	
40								
50								
60		60					App lacks fossils	
70								
80								
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1351 B 71X CC 614.36–614.93

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: 5 Dec
0							0–32 cm. Mud – with a few percent v f sand. Micaceous. No app. fossils.	
10		5G 4/1	Heavily bioturbated esp 20 cm.	3			Heavily bioturbated especially below 20 cm.	
20								
30	PAL	32 37						
40								
50							Lithology Percent.	
60							Sandy mud 400 cm 83 %	
70							Mud 62 13	
80							Muddy sand 20 4	
90							482 100 %	
100								
110								
120								
130								
140								
150								