Expedition 317 Canterbury Basin: U1351 B 100X 1 870.30 – 877.68

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Sand

Core Cut (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: CoB Date: 23 Nov.
0			Soupy					
10		10						
20				↑				
30				1				
40		5GY 4/1		↑				
50		↓						
60							well sorted, microcrystalline very fine sandy calcareous mud. Very Rare broken shells throughout eg at 25-26 cm below top	
70					70			
80				↑			More sandy than core 97 above.	
90				2				
100		102 103		↓			1cm thick well sit fine sand at 102-103 cm.	
110					112			
120				↑			At 120cm hard calc concretion comprising shelly - foram-bearing fine to very fine (mostly very fine) sandy mud	
130		SS - 134		1				
.0								
150								

Expedition 317 Canterbury Basin: U1351 B 100X 2

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Sand

Core Depth (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: CoB Date: 23 Nov.
0								
10								
20							well sorted, micaceous very fine sandy/mud. Very rare broken shells - eg at 40cm below top	
30								
40								
50				↑ 1				
60		5GY 4/1		↓				
70								
80								
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1351 B 100X 3

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Sand

Core Cut (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: 23 Nov.
0								
10								
20								
30								
40							well sorted, micaceous, very fine calcareous sandy mud. Very rare broken shells eg at 60cm below top.	
50		5GY 4/1						
60							Cemented nodules of fossiliferous sandy mudstone with abundant forams at 15-17cm below top (5cm diam) and cemented very fine sandy mudstone at 70-75cm (up to 3cm diam).	
70								
80								
90								
100								
110								
120			124					
130								
140		137						
150								

Expedition 317 Canterbury Basin: U1351 B 100X 4

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Sand.

Cut (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: 23 Nov.
0								
10								
20								
30								
40				↑				
50		5GY 4/1		1			well sorted, micaceous, very fine sandy calcareous mud. Very rare shells at 40-43 cm below top.	
60				↓				
70							Calcareous nodules at 90-93 cm.	
80								
90		5Y 8/5						
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: 41351 B 100X 5

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Sand.

C t (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: GP Date: 23 Nov.
0								
10								
20								
30							well sorted micaceous, very fine sandy calcareous mud very rare shells at 45-50 cm below top. 5cm diameter calcareous nodule at 45-50cm below top. and 47-49 cm below top.	
40		5GY 4/1		↓ T ↑				
50								
60							At 70-80cm greener colored interval — 5GY 6/1 of micaceous very fine sand less calcareous than remainder of sediment	
70		5GY 6/1			- SS			
80								
90		5GY 4/1						
100		100						
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1351 B 100X XX

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Sand

Core Cut (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: 23 Nov.
0							well sorted, micaceous, very fine sandy mud with scattered shells – eg at 16-18cm.	
10								
20		5GY 4/1	Discrete	①			Heavily bioturbated at base	
30								
40		37cm						
50							Lithology 99% sandy mud	
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								