

Expedition 317 Canterbury Basin: 41354 C 15X 1 173.5 - 175.00

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: Date:
0		0		0			0-15 cm Mud	GB 1 Jan
10		15 18		①			Mud with a few % of sand. Shells common between 6-7cm. Micaceous	
20		10G7 4/1		④			15-17cm Clay	
30		5BG 4/1		③			Clay with a few % of sand. No shells.	
40		40 42	NS	④			17-18cm Sand. 5BG 4/1	
50		47		③			Well sorted, v-f (mostly f) laminated sand. Sharp base - wavy.	
60		57 NS		④			18-20 cm Clay - NS	
70		67 69		①			Clay with a few % of sand. Grad base.	
80							20-40cm Mud	
90							Mud with a few % of sand. No shells	
100		10G7 4/1					thin < 1cm stick clay bands.	
110							40-42 cm. Sand	
120				②			well sorted of sand	
130							42-47 - Clay	
140							Clay with a few % of sand. No shells.	
150		146					47-57 - Mud	
							Mud with a few % of sand. No shells	
							57-67 - Clay as above. Shell at 64cm	
							67-69 - Sand	
							well sorted of sand	
							69-146 Mud	
							Mud with a few % of sand	
							<u>Stirocolpus</u> at 128cm	

Expedition 317 Canterbury Basin: U1354 C 15X 2 175 - 176.5m

Major Lithology: Mud Site: U1354 Hole: C Core: 15X Section: 2 Top Depth: 175 - 176.5m
 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: GB 1 Jan.
0		6					0-61 Mud	
10							Mud with minor % of sand. Rare shell fragments. Interspersed are light gray (NS) clay - usually as diffuse lithology -	
20							Sometimes more as beds.	
30		10G/1 4/1		↑			61-68 cm. Mud	
40				③			Mud with a few % of sand but lacking clay layers	
50				↓			68-70 Sand	
60		61					well sorted of sand	
70		62 70 74					70-74 Mud as above.	
80		79					74-79 Mud with < 1cm thick layers of clay	
90		82					79-88 Mud without clay as above	
100		10G/1 4/1		① ↑ ③			88-95 Mud with clay as above	
110				↓			95-96 Sand - as above	
120		114 116		④			96-114 Mud without clay as above	
130		10G/1 4/1		③			2cm clay layer at 114-116 cm	
140							116-147 cm Clay layer - bioturbated	
150		147					→ mud with a few % of sand Rare dark gy sand-filled burrows < 2mm diam.	

Expedition 317 Canterbury Basin: U1354 C 15x 3 1765-178 om

Major Lithology: Mud Site: _____ Hole: _____ Core: _____ Section: _____ Top Depth: _____
 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: GB 1 Jan
0		0						
10							0-138 cm Mud with a few % of sand Micaceous	
20								
30							Shells common & scattered throughout - particularly so in the top 7cm. - broken brachio-	
40								
50		106/4/1		↑ ③ ↓			Frequently occurring < 2 cm thick clay-rich sands. Some are probably beds - others are blebs which prob. represent bioturbated equivalents i.e. former beds.	
60								
70								
80								
90							Common between 22-30cm 50-54cm 67-70cm 85-90cm 102-132cm	
100								
110								
120								
130								
140		138						
150								

