

Expedition 317 Canterbury Basin:

Site: U1353 Hole: B Core: 7H Section: 1 Top Depth: 43.2 - 48.96 m

Major Lithology: 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: Date: GB 23 Dec
0		0					0-60 cm. Shelly Fossiliferous v. sandy mud. Abundant shells throughout including <u>Stirocolpus</u> , & echinoid spines, bivalve plates, bivalves & gastropods. No fabric. Unit could represent flow in. Gradational base. Occasional small pebbles (up to 6mm diam) of well rounded gneiss scattered throughout.	
10								
20		10Y 5/1			Small pebbles of gneiss			
30			? fall in?	①				
40				↓				
50				↓				
60		60					60-88 cm clay-rich mud with a few % of sand. Contains some scattered shells.	
70		56Y 4/1	Soupy.	①				
80				↓				
90		88					88-150 cm Homogeneous mud with a few % of sand. Micaceous. Shells scattered & common between 88-125 cm and dominated by <u>Stirocolpus</u> . Found an indistinct layer between 117-125 cm. Shells rare & scattered below 125 cm.	
100								
110		106Y 5/1		↑	clay layer			
120		106Y 4/1		③				
130				↓				
140								
150		150					2 cm of clay-rich layer between 107-109 cm.	

Expedition 317 Canterbury Basin:

41353

B

7A

2

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						CB 23 Dec
10							0-150cm:	
20							Homogeneous mud with a few % micaceous v f sand. Shells common & scattered in top.	
30							65cm, with two concentrated zones between	
40							20-25cm and 50-65cm	mostly <u>Stirocolpus</u> & <u>Tauera</u> .
50		10GY 4/1		↑ ③ ↓				
60							Shells common but scattered below that. <u>Stirocolpus</u> most abundant.	
70								
80								
90								
100								
110								
120								
130								
140								
150		150						

Expedition 317 Canterbury Basin:

U1353

B

7H

3

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: GB 23 Dec
0		0						
10							0-150 cm	
20							Homogeneous mud with a few % of micaceous sand	
30							Shell scattered and common in interval 0-48 cm and	
40							102-135 cm	
50		10G7 4/1		↑ ④ ↓			Otherwise rare + scattered. <u>Stenocopus</u> common forming a reasonable layer at 16-19 cm.	
60								
70							Occasional clay-rich layers - usually discontinuous at 70-73 cm	
80							10G7 S/1	
90							Rare med gray v f s mud filled burrows eg <u>Socm</u> .	
100							otherwise featureless	
110								
120								
130								
140								
150		150						

