

170.4 - 171.9 m

Expedition 317 Canterbury Basin: 1351 B 224 1

Major Lithology: Selly Study mud Site: Hole: Core: Section: Top Depth: Minor Lithology: 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:
0		5G4 4/1		①			0-6 mud; likely coring artefact	JJ/GB 21 Nov
6							6cm irreg - sharp contact	
10				①			6-102 mod sorted, fine sandy mud. Abundant microfossils throughout, dominated by bivalves, with less abundant brachiopod plates. Most shells broken and partially altered (dissolved)	
20							Calcareous	
30				27				
40		104 4/2		②				
50				③				
60								
70								
80								
90								
94				③				
94								
100								
102		102					At 102cm burrowed contact.	
110		5G7 4/1		④			102-146cm clayey mud. Burrows of <i>Thalassiodora</i> extend down to 126cm (24cm below contact) Gradational base.	
120								
126								
130								
135							146-150cm: very fine sandy mud, with abundant fragmented shells.	
140				③				
150		104 4/2		②				

Expedition 317 Canterbury Basin:

Site: 1351 Hole: B Core: 22x Section: 2 Top Depth: 171.9-173.431

Major Lithology: Mud

Minor Lithology: Sand

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								GB 21 Nov.
10				↑			0 - 141 cm very fine sandy mud with broken shells throughout. Bivalves common often concentrated in layers or lenses eg at 77-81 cm and 103-105, 116-119 cm. Also <u>Liostyrella</u> bryochipod at 140 cm	
20				②				
30				↓				
40					☉			
50								
55				↑	55			
60				③				
70		10Y 4/2		↓	☉			
80								
90			↑	90				
100			//					
110			↓	110 cm	☉			
120								
130								
140		141 cm			☉			
150								

Expedition 317 Canterbury Basin:

1351

B

22x

CC

1749-17532

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

O (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								GB 21 Nov.
10		5GY 4/1		①	1-5% gl.		0-35cm med sorted, shelly muddy sand. Glauconite	
20							1-5% Shells generally broken and include brachiopod and bryozoan plates as well as molluscs. Sand size up to	
30							fine sand Numerous wave cemented (calcareous)	
40	PAL	35cm					nodules, comp. biologic limestone (grainstone)	
50								
60								
70								
80							Lithological Percentages	
90							Mud 10%	
100							Sandy mud 51	
110							muddy sand 39	
120								
130								
140								
150								