

Expedition 317 Canterbury Basin:

Site: 41352 Hole: B Core: 21 H Section: 2 Top Depth: 131.9

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								CB 2 Dec
10								
20								
30							Mud with a few % of sand.	
40				↑			Recess shells between 70-96. Broken.	
50				② ↓			Rare < 0.5 cm diam fine sand filled burrows between 110-135 cm	
60		5G7					Faint clayey layer at 53-54 cm.	
70		4/1						
80		80						
90				↑				
100				③ ↓				
110								
120								
130								
140				↑				
150				② ↓				

Slight gas expansion.

40, 6

134



100% mud

Expedition 317 Canterbury Basin:

U1352

B

214

3

183.4

Major Lithology: Mud

Site:

Hole:

Core:

Sand

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:
0								BB
10		5GY	slight gas expansion	↑ ②			Mud with less % of sand	2 Dec
20		4/1		↓ 18			Rare scattered shells including at 11cm <u>Chlamys delicatula</u> 13-23 <u>Scyphid worms</u> .	
30				↑				
40		40		↑			Color change to olive hue	
50				③				
60		10GY		↓				
70		4/1		↓			Finer upward cycle. Mud sorted vt - med (mostly fine) sand at base, passing upward into mud with vt of sand at top	
80				↓			Calcareous.	
90				↓			Rare scattered shells.	
100				↓			Sharp irregular base.	
110		105/ 107		↓				
120		5GY 4/1		↓			Mud with small % sand. Dark gy fine sand filled burrows ← 2cm diam throughout.	
130		121		↓				
140							99% mud.	
150							1% sand	

Expedition 317 Canterbury Basin:

Site: U1352 Hole: B Core: 214 Section: 4 Top Depth: 1846

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: GE 2 Dec.
0								
10				↑			Mud with small % of v.f. sand	
20							Rare scattered broken shells at 84-89 cm + 131 cm.	
30							Foram at 4 cm	
40		SGY 4/1		③			Slightly knotted.	
50								
60				↓				
70								
80								
90								
100							99% mud 1% silty sand.	
110								
120		10Y 4/1						
130		134 ← 135					mod sorted v.f. silty sand - calcareous at 134-135 with shell fragments	
140		5GY 4/1						
150		4/1						

Expedition 317 Canterbury Basin:

U1352

B

214

5

186.1

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:
0								3B 2 Dec
10							Mud with a few % of sand	
20							Slightly mottled appearance	
30							Rare broken shells throughout between	
40							32-40	
50		55/1 4/3		↑			63-66	
60				↓			120-123 cm	
70		70						
80								
90								
100								
110								
120								
130								
140		142					100% mud	
150								

Slight expansion

Expedition 317 Canterbury Basin:

U1352

B

214

6

187.5

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Mud

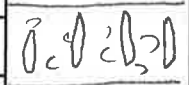

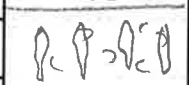

Minor Lithology:

ffset (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
10							Mud with small % of v/s sand	2 Dec
20							Rare fine sand - filled burrows	
30							eg at 6cm.	
40		507 4/1		↑			No shells.	
50				③			Slight color mottling	
60			Slight gas expansion	↓	66 55			
70								
80								
90								
100								
110							100% mud	
120		120						
130								
140								
150								


Expedition 317 Canterbury Basin:

Site: U1352 B Hole: 21H Section: 7 Top Depth: 188.7

Major Lithology: Mud Minor Lithology: Clay

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: Date:
0		↑					Mud with a few % of sand. Clay bed at 42-44cm - colour is NS - diffuse tops & bases. Prominent serpulid worm tube intervals at 24-32cm 44-52cm These worm tube intervals still base are mud but contain slightly more sand. Vertical - presumably in life position.	GB 2 Dec.
10		10GY 4/1						
20		↓						
24		↑						
32		shelly		(3)				
42		↓						
44		shelly						
52		↓						
65		↓						
70								
80								
90								
100								
110								
120						100% mud.		
130								
140								
150								

Major Lithology: _____ 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: <u>GB</u> <u>2 Dec.</u>
0	---			③			Mud with v f sand. Mottled appearance between 10GY + 5GY 4/1. Rare fine - v f sand filled burrows < 0.5cm diam throughout Serpulid tubes 8cm below top 100% mud	
10	---	10GY 4/1	Slight Gas expansion	↑		8 		
20	---	+		④				
30	---	5GY 4/1		↓				
36	PAL	36						
40		40						
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								