

Expedition 317 Canterbury Basin:

U1352

D

3H

1

13 00 - 22.38 m

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

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: 21 Dec
0							0-146cm	GP
10			Soupy				well sorted w/ sandy mud, Non-calc and lacking shells. Homogeneous throughout.	
20								
30		5GY 3/1					From 10 - 55cm lighter grey (10GY 4/1) clay mottling - appear to be soft sediment / fluidisation structures.	
36		36						
39		39			light colored fluidised structures			
40								
50		10GY 4/1					Poorly defined bed of well sorted w/ to fine sst at 36-39cm and a better defined bed at 90-93cm. They are micaceous and appear to be dominated by greyish green grains.	5GY 3/1
60								
70								
80		5GY 3/1						
90		90					Dark grey well sorted w/ f sand filled burrows from 99-116cm (? extend down from bed above?)	
93		93						
100								
110		5GY 4/1					Rare bivalve fragments - eg at 95cm	
120								
130								
140								
150		146						

Expedition 317 Canterbury Basin:

Site: 41352 Hole: 3H Core: 2 Section: Top Depth:

Major Lithology:

Minor Lithology:

st (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: 21 Dec
0		0					<p>0-150cm. 5GY/4/1 Dominated by well sorted v/s sandy mud - non-calcareous + generally lacking shells. together with interbedded with lighter colored (10GY 4/1) v/s clay forming layers < 5cm thick giving distinctive color banding. Mud dominates clay 60/40. Interbedded with: 5GY 3/1 darker well sorted unconsolidated v/s to fine sst - Toulouse derived grading / fining upward. Sharp based. Occur at 30-32cm, 52-54cm - 79-81cm, - the lowest one may have burrows filled with the same dark colored sand extending down to 95cm from bed at 79-81cm and also at 117-119cm and 129-130cm.</p>	GB
10		8 clay						
20		11 clay						
30		16 clay						
40		27 clay						
50		30 clay						
60		32 clay						
70		52 clay						
80		54 clay						
90		79 clay						
100		81 clay						
110		88 clay						
120		104 clay						
130		117 clay						
140		119 clay						
150		129 clay						
		130 clay						

Expedition 317 Canterbury Basin:

U1352

D

3H

4

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

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: 21 Dec
0							0-150cm	GB
10							Dominated by alternating layers of (1) + (2) lithotypes (see section 3 for description).	
20				18 19			1 dominates over 2 by 60:40.	
30							Gives sediment distinct color banded appearance.	
40							Light yellowish (10Y 5/1) blebs at 58cm, 109cm + 114cm.	
46		46						
47		47						
50								
60				(3)				
66		66						
68		68						
70								
80								
85		85						
87		87						
90								
97								
100								
110								
120								
130								
140								
150		150						

Expedition 317 Canterbury Basin:

U1352

D

314

5

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

st (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					0-150cm	GB 21 Dec
10			↓ clay				Dominated by alternating layers of (1) (2) as defined for section 3.	
20							2 dominates over 1 80:20.	
28		28						
30		30	↑ mud				Light yellowish (104 5/1) blebs at 8cm, 107cm + 138cm + 25cm	
40			↓					
46		46						
47		47					Poorly defined 50% 3/1 mud silt, micaceous, vt to + sand layers at 28-30cm with a burrowed base extending down to 33cm, 46-47cm	
56		56					56-57, 72-73, 92-93, 99-100,	
57		57	↓ clay				108-109, 115-116,	
72		72		→ (3)				
73		73		↓			Dark sand filled burrows at 87-88cm + 148-150cm.	
80								
92		92						
93		93						
99		99						
100		100						
108		108						
109		109						
115		115						
116		116						
120								
130								
140								
150		150						

