Expedition 317 Canterbury Basin: U1353 B 84 1 48.90

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Shell hash

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: JJ Date: 12/23
0							0-20 Muddy 0.24-0.44 Shell hash, likely cave-in	
10							20-83 Sapy mud, likely flowing	
20							79-83 Shell hash, same as 0-20	
30							83-150 cm Homogeneous Mud with trace amount of vf well sorted micaceous sand	
40			Flow in					
50		5GY 5/1					83-103 likely disturbed	
60			Cave in					
70								
80								
90			Disturbed					
100								
110		5GY 4/1		1 2				
120								
130							No Shells	
140								
150								

Expedition 317 Canterbury Basin: U1353 B 8H 2 50.40

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: JJ	Date: 12/23
0									
10							0-150 Homogeneous Mud with minor (<10%) uf, well sorted slightly micaceous sand		
20				Z					
30		5GY 4/1							
40							25-27 shelly sandy mud bivalve fragments sand is uf, well sorted, slightly micaceous		
50									
60							30-31 cm shelly sandy mud same as 25-27 cm		
70							98-101 slightly more clay-rich interval		
80									
90									
100									
110									
120							Shell frag 113		
130									
140									
150									

Expedition 317 Canterbury Basin: U1353 B 8H 3 51.96

Site: Hole: Core: Section: Top Depth:

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: JJ Date: 12/23
0		5BY 4/1		1	8		0-6 cm Homogeneous mud with trace amount of well sorted slightly micaceous sand	
10								
20								
30				3			6-10 cm Shelly sandy mud Stiracolpus, Tawera fragments	
40							10-21 cm Homogenous mud, as in 0-6 cm 21 cm bioturbated contact, burrows below filled with mud w/ minor sand from above	
50		10Y 5/2						
60							22-41 Homogeneous mud, clay rich common shell fragment	
70							41-54 Sandy mud with abundant shell fragments, possible contact at 54 cm	
80				2				
90							54-63 mud, clay-rich, as in 22-41 63-68 Sandy shelly mud 68-88 mud, clay-rich, common shells 88-95 Sandy shelly mud	
100								
110							95-150 Homogeneous mud, clay-rich near the top of the interval with increasing amount of u.f. sand towards the base; Sand is infilling burrows. common shell fragments from 94-118 becoming scattered towards base	
120								
130				3				
140							Shell frags throughout section include Stiracolpus, Tawera	
150								

12-13 cm Stiracolpus frag

Expedition 317 Canterbury Basin: U1353 B 8H 4 53.40

Site: Hole: Core: Section: Top Depth:

Major Lithology: Sandy Mud 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: JJ Date: 12/23
0		10Y 5/2		1			0-5 Mud with minor amounts of uf well sorted sand and rare shell fragments	
10				4				
20					8		5-108 cm Sandy calcareous mud	
30							Sand is uf-f (mostly uf) moderately sorted, slightly micaceous. 32-55 cm is less sandy, with sand concentrated in burrows. Shell fragments common from 5-23, rare to scattered from 23-108	
40								
50								
60								
70							108- Bioturbated, irregular contact sandy mud infilling burrows below contact, burrows reach into top of sect 5	
80								
90								
100							108-150 Homogenous calcareous mud, trace amount of uf well sorted slightly micaceous sand, rare shell fragments throughout	
110								
120				3				
130							Shell fragments in this section appear to be mostly bivalve intact Stiracolpus at 19 cm	
140				2				
150								

Expedition 317 Canterbury Basin: U1353 B 8/+ 5 54.90

Site: Hole: Core: Section: Top Depth:

Major Lithology: Calcareous 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: JJ Date: 12/23
0								
10		10Y 5/2		2			Homogeneous calcareous mud clay-rich	
20				1				
30		Halo is 10Y 6/1					Muddy sand filled burrows common 8-12 cm; 31-45 cm;	
40				3				
50				1			large muddy sand filled burrow 60-63 cm	
60				2				
70							light greenish gray "halo" from 35-43, similar halo at 60-64 cm	
80								
90								
100	102							
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1353 B 8H 6 55.90

Site: Hole: Core: Section: Top Depth:

Major Lithology: Calcareous 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: JJ Date: 12/23
0								
10		10Y 5/2		2			Homogeneous Calcareous mud clay rich	
20							Slight darker mottling 35-42	
30								
40							rare shell fragments throughout	
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1353 B 8H CC 56.60

Site: Hole: Core: Section: Top Depth:

Major Lithology: Calcareous 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: JJ Date: 12/23
0		10Y 5/2		2			0-1, Sandy mud, uf-f (mostly-f), possible contamination (not seen at base of sed 6)	
10								
20								
	PAL							
30							1-23 Homogeneous Calcareous Mud clay-rich	
40								
50							Scattered shell fragments	
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								