Expedition 317 Canterbury Basin: U1354 B 101t 1 41.50

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: 12/30
0							0-70 Homogeneous Mud with trace-minor amount of uf, well-sorted micaceous Sand	
10			Soft					
20								
30		33/04		1			70-150 Homogeneous Sandy mud, calcareous Sand is uf, well sorted micaceous	
40		41/1						
50								
60		55 62		3				
70								
80								
90		56Y					Concentrated shell layers (mostly Stiracolpus) at: 33-36, 58-62, 100-106, 109-118 — also contains uf-f muddy sand, bivalve fragments ← large ~1 cm frags.	
100		100 41/1						
110		106 109						
120		118						
130							rare/scattered shell fragments (mostly Stiracolpus) throughout remainder of core	
140								
150								

Expedition 317 Canterbury Basin: U354 B 101t 2 43.00

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: 12/30
0		1		1			0-150 cm Homogeneous Mud with minor amount of vf, well sorted, micaceous sand	
10		5GY						
20		4/1						
30				3				
40								
50								
60								
70								
80							Scattered Shells at: 17, 42-44, 55-56, 79 88, 117 cm	
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1354 B 10H 3 44.50

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: 12/30
0							0-45 cm: Homogeneous Mud with minor amount of vf, well sorted micaceous Sand	
10								
20		5GY 4/1		(2)				
30								
40								
50								
60							45-150 Homogeneous Sandy Mud. Sand is vf-f (mostly vf), well sorted, micaceous, slightly calcareous	
70								
80				(3)				
90								
100							Scattered shell fragments, mostly Stivacolas, especially at 51-55, 62-69, 145-149 (Tamera)	
110								
120							Rare Scattered shell fragments throughout remainder of core	
130								
140								
150								

Expedition 317 Canterbury Basin: U1354 B 10H 4 46.00

Site: Hole: Core: Section: Top Depth:

Major Lithology: Sandy Marl 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: SS Date: 12/30
0		5GY 4/1		2			0-8 Homogeneous Sandy Mud as in lowermost Sect. 2	
10								
20				3				
30							8-11 cm common/concentrated shells & fragments, almost all Stiracolpus, majority of fragments are small (<5 mm) - matrix of Sandy mud	
40		5Y		2				
50							Sharp Contact at 11cm	
60		5Y 4/2					11-20 cm muddy sand, sand is vf-f (mostly vf) well sorted	
70				3			20-53 cm Sandy Marl, vf-f sand, common small (<2mm) shell fragments and numerous sand-filled burrows (<3mm), shelly interval from 38-47, mostly Stiracolpus with some Turrena fragments up to 1cm in size.	
80								
90								
100								
110							53-130 Sandy Marl, with common small to large shell fragment. Sandier sections are mostly burrows; background sediment is finer grained	
120								
130							130-150 Marl w/ vf-sand filled burrows, rare, scattered small shell fragments	
140								
150							Faintly mottled throughout (burrows)	

Expedition 317 Canterbury Basin: U1354 B 101 5 47.50

Site: Hole: Core: Section: Top Depth:

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: JJ Date: 12/30
0							0-150 Marl	
10							Minor amount of vf sand from 0-40 cm, decreasing in concentration down core. Most of the vf sand is concentrated in burrows (clam)	
20		5Y 4/2						
30				3				
40							Faintly mottled	
50								
60								
70								
80								
90				2				
100								
110							Rare small (mm-sized) shell fragments dispersed throughout core	
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1354 B 10H 6 49.00

Site: Hole: Core: Section: Top Depth:

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: JJ Date: 12/30
0							Marl, clay-rich, homogeneous	
10							small (< 2mm) scattered shell fragments throughout	
20				1				
30		5Y 4/2						
40							very stiff	
50							52-54cm Diagenetic(?) halo around possible burrow	
60								
70						S		
80								
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin: U1354 B 10H CC 50.07

Site: Hole: Core: Section: Top Depth:

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: JJ Date: 12/30
0	L – –	5Y 4/2					0–21 Marl, homogeneous Trace amount of vf sand rare small (<2mm) shell fragments throughout	
10	L – –							
20	PAL	21 22						
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								