Expedition 317 Canterbury Basin: U1352 B 32H 280.84

Site: Hole: Core: Section: CC Top Depth: 281.55

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: GB/NM Date: Dec. 3
0		5GY 4/1	↑	↑			mod well-sort. vf-f (mostly f sd) sd with abundant scattered shells	
10								
20			heavy				echinoid spines gastropods (w-half) forams + calcareous (partly sdy marl by SS)	
30				①				
40					8		gastrop (w-half)	
50					8			
60		5Y 10Y 4/1	↓	↓				
70								
80								
90								
100								
110								
120								
130								
140								
150								

mod 150 (1) sd 3 (4)
150 (2) 8 (4)
120 (3) 122 (5)
420 127 (6)
56.3% 66 (cc)
326 Total 746 cm
43.7%

Expedition 317 Canterbury Basin: U1352 B 32H 292.20

Site: Hole: Core: 32 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: GB / NM	Date: Dec. 3
0				↑			md with vf sd (a few %) slight mottled in color ~~scatted rare shell fragments~~. no shells.		
10									
20									
30		5GY 4/1							
40				3					
50			slight gas expansion				46–49 clay-richer interval with slightly light color (10G 5/1)		
60							62–64 very little shell fragments (rare)		
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 317 Canterbury Basin: U1352 B 32H 293.70

Site: Hole: Core: Section: 2 Top Depth:

Major Lithology: 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: GB / NM	Date: Dec. 3
0							(similar to previous.) mottled in color		
10							more shells scattered		
20						19 '20	more clay-rich interval		
30		5G 4/1	slight	3					
40									
50			gas exp.						
60									
70									
80		10BG 4/1				77, 79	more silty interval of darke color (10BG 4/1)		
90									
100						101 SS			
110									
120									
130									
140									
150									

Expedition 317 Canterbury Basin: U1352 B 32H 275.20

Site: Hole: Core: Section: 3 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: GB / NM	Date: Dec. 3
0		5GY 4/1		↑			md. homogen. a few vf sd color-mottled (10Y 4/1)		
10							burrows φ=3-4m Chondrites.		
13							scattered rare shell fragments.		
20		5GY 4/1							
30		10Y 4/1							
40									
50			no	③					
60	color mottling								
70									
73									
80									
90		5GY 4/1							
100									
110				↓			black color ~~of sdy~~ mud filling burrow φ = 4mm (with vf sd a few)		
120									
130									
140									
150									

Expedition 317 Canterbury Basin: U1352 B 3H 296.70

Site: Hole: Core: Section: 4 Top Depth:

Major Lithology: Minor Lithology:

Logged by: GB/NM Date: Dec. 3

?set (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other
0		10Y 3/1	↑	↑			sd. mod-well sort. vf-f (mostly vf) scattered shell frags. + calcareous sharp base with. ~~shell fragments~~ burrows ϕ = 1cm 5cm below
10							
20							
30							mud: with vf sd (a few sd) no shells
40		5GY 4/1 mot					
50		10Y 4/1		(3)			
60							
70			slight gas exp.				↓ scattered shell frag mud (rare)
80							
90							
100							100 103 rare scattered shell
110							f
120						126 SS	
130			↓	↓			mod well. sort. vf sd.
140	138						foram are common in lower part equinoid spines
150							

Expedition 317 Canterbury Basin: U1352 B 32H 278.15

Site: Hole: Core: Section: 5 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: GB/NM	Date: Dec. 3
0				↑			mud: well-sort. vf-f sd. (a few %) with 1cm thick clay layers prob. drilling disturb.		
10			slight						
20							(liquefied sd) disturbed by drilling with scattered shell fragments + (common) forams		
30		10Y 5/1	heavy	⊙					
40									
50							mod. well-sort vf-f sd. (mostly f) + calcareous		
60							with ↓		
70						—	gastropod 3cm length (deep)		
80									
90									
100									
110									
120									
130									
140		142		↓					
150									

Ellicea elegans (x 5)
Teremelon Knoxi
Archibenthal = c. 130-500 m

Expedition 317 Canterbury Basin: U1352 B 32H 279.52

Site: Hole: Core: Section: 6 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: GB/NM	Date: Dec. 3
0		5GY 4/1	↑ heavy	↑			mod well-sort. vf-f (mostly fine) sd with abundant scattered shells		
10							echinoid spines		
20							gastropod (w-half) 3cm		
30				◯			forams		
40							+small gastropods		
50							+ calcareous		
60									
70									
80					⊗				
90									
100					⊗				
110									
120			↓	↓					
130		127							
140									
150									