

Expedition 317 Canterbury Basin:

Site: U1352 B Hole: 8H Core: 1 Section: 65.20  
 Top Depth:

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:
								<u>SS</u>	<u>12/1/09</u>
0					✓		0-53 Mud with very little s.s.		
10					✓		Sand		
20		<u>M4</u>			✓		53-60 F-uf. moderately sorted micaceous sandy mud, abundant shell fragments		
30	<u>Mud</u>				✓				
40				<u>2</u>	8				
50					8		60-150 Interbedded mud to clay, faint color banding; mud layers (c. 20% sand) ~ 1-3cm thick; clay layers c. 1cm thick clay contacts are diffuse with mud		
60	<u>Sandy mud</u>	<u>10y 3/1</u>			8				
70	<u>Int. bedded mud to clay</u>								
80									
90		<u>M5 (mud)</u>							
100									
110		<u>N6 (clay)</u>							
120									
130									
140									
150									

rare planolites to 60cm, no burrows below  
 abundant shell frags 0-60, none 60-150  
 frags includes brachiopod, gastropod, worm tubes  
 75% mud, 20% clay; 5% sandy mud

Expedition 317 Canterbury Basin:

Site: 1352 Hole: B Core: 8H Section: 2 Top Depth: 66.70

Major Lithology: Mud

Minor Lithology: Sandy mud

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:
								JJS	12/1/09
0							0-13 mud, <20% uf-f sand		
10				2	8				
20		Sand as shell					13-19 F-UF slightly micaceous moderately sorted sandy mud, common shell fragments		
30									
40				1	8		75-95 Clay-rich mud with rare shell fragments to sand lens/blebs		
50									
60							13-140 mud to slightly sandy mud, slightly mottled sand is uf-f well sorted		
70									
80									
90				3					
100						SS			
110							Slight calcrites through 0-90cm		
120							tan calcareous blebs 103-104		
130							Common shells 10-19 cm		
140							bivalve, 10 cm, rare shell fragments		
150							17-85 cm, no shells below 96% Mud; 4% sandy mud		





Expedition 317 Canterbury Basin:

Site: 1352 Hole: B Core: 844 Section: S Top Depth: 71.20

Major Lithology: Mud

Minor Lithology: Clay

fset (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:
								JJ	12/1/09
0							Interbedded clay to mud (sand <20% of mud)		
10									
20		grey					Slight color banding		
30		gs							
40		scr					Clay intervals (Discontinuous) 10-20, 57-67 98-98, 110-116 128-132 cm		
50		4		3			Clays have discontinuities, contacts, likely bioturbated		
60			Slight - gas cracks						
70									
80									
90									
100									
110									
120									
130							no shells, rare sand-filled planolites (?) burrows dispersed throughout		
140									
150							25% clay 75% mud		

Expedition 317 Canterbury Basin: 1352 B 8H 6 72.70

Major Lithology: Mud Site: Hole: Core: Section: Top Depth: Minor Lithology: Clay

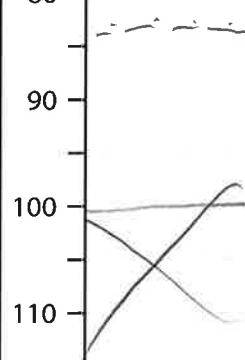
Offset (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other	Logged by: Date:
0								JJ 12/1/09
10							Interbedded clay & mud (sand 20% of mud) color banding throughout, slight clay layers have diffuse contacts, 1-5cm thick	
20								
30								
40							VF sand lamina, diffuse contact 83cm;	
50								
60								
70								
80								
90								
100							Intact Tawera, 98cm, in working half	
110								
120								
130								
140							no shells, very rare planolites	
150							20% clay 80% mud	

Same as sec.

Slight gas cracks

2

B





Expedition 317 Canterbury Basin:

Site: 1352 Hole: B Core: 8H Section: CC Top Depth: 74.56 - 75.39

Major Lithology: Mud

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:
0							Mud (Sand 20%)	JJ 12/1/09
10								
20								
30		Same as sec 7					Clay-rich intervals 22-24 33-38, 58-70cm	
40								
50								
60								
65							UP Sand laminae 65-66cm	
70								
80								
90								
100								
110								
120							bivalve shell frag@ 44-46, no apparent burrows	
130								
140							Clay 10% ; mud 90%	
150							Core Total 71% Mud; 17% Clay; 12% Sand	