

Expedition 317 Canterbury Basin:

Site: 01352 Hole: B Core: 114 Section: 1 Top Depth: 93.7

Major Lithology: in (bedded) sand + 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: Date: RR 12/2/09 GU
0							0-42: soupy mud (fall in?)	
10							42-106 = silty mud (major)*	
20							106-148 = sand w/ common shell fragments at the top (106-111), becoming rarer toward bottom	
30							→ coarsening upward of the sequence	
40		42						
50				1		S	heavily burrowed b/w 128-134 cm	
60								
70		56y 4/11						
80								
90								
100								
110		106						
120		10y 4/11						
130		128						
140		134						
150		10y 4/11 50						

Expedition 317 Canterbury Basin:

Site: 01352 Hole: B Core: 111 Section: 2 Top Depth: 95.2

Major Lithology: interbedded sand + 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:	Date:
								MR GV	12/2
0							0-140 interbedded sand + mud		
10		10Y 4/1							
20						S	Sharp contact = 28 cm 85 cm		
28									
30									
35									
38									
40									
50		5Y 4/1					Dipping sandy layers		
55							5Y 4/1 = dark gray		
60							10Y 4/1 = greenish gray		
70							Shell fragments of <i>zygoclamys</i> <i>reticulata</i> at 85 cm		
80		10Y 4/1							
85									
90									
100									
110		5Y 4/1							
120									
130									
140									
150									

Expedition 317 Canterbury Basin:

Site: 01352 Hole: B Core: 114 Section: 3 Top Depth: 96.7

Major Lithology: interbedded sand + 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:	Date:		
								M.P. GV	10/2		
0	^ ^ ^ ^ ^		↑	↑			0-148 = interbedded mud + sand				
10	^ ^ ^ ^ ^								0-40 = v.f. sandy mud		
20	^ ^ ^ ^ ^								40-90 = mud (silt)		
30	^ ^ ^ ^ ^								90-148 = sandy layer		
40	^ ^ ^ ^ ^								64-94 cm = common shell fragments		
50	^ ^ ^ ^ ^								32-40 cm = " "		
60	^ ^ ^ ^ ^								0-4 cm = " "		
70	^ ^ ^ ^ ^								Shell pocket: 11-14 cm		
80	^ ^ ^ ^ ^								94-148: rare shell fragments		
90	^ ^ ^ ^ ^								Sharp contact = 40 cm		
100	^ ^ ^ ^ ^								Gradational contact = 90 cm		
110	^ ^ ^ ^ ^										
120	^ ^ ^ ^ ^										
130	^ ^ ^ ^ ^										
140	^ ^ ^ ^ ^										
150	^ ^ ^ ^ ^										

Expedition 317 Canterbury Basin:

Site: 01352 Hole: B Core: 11 u Section: 4 Top Depth: 98.18

Major Lithology: Interbedded sand + 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: Date:
0								
10		104					0-150 cm = interbedded sand + mud	MR 12/2 GV
20		5/1 greenish gray				S	0-30 cm = sandy layer 30-150 cm = homogeneous mud	
30	burrows		30	25 28 30			Shell fragments = 25-28 cm Absent otherwise	
40								
50								
60								
70								
80		54						
90		4/1						
100		dark gray						
110								
120								
130						S		
140								
150								

Expedition 317 Canterbury Basin:

Site: 01352 Hole: B Core: 114 Section: 5 Top Depth: 99.68
 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:	Date:
								112 60	12/2
0							0-148 cm Homogeneous mud		
10							No shells		
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Dark grey
59 4/11

Slight fracturing

148

Expedition 317 Canterbury Basin:

Site: V1352 Hole: B Core: 114 Section: 6 Top Depth: 101.18

Major Lithology: Mud

Minor Lithology:

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: MR GV Date: 12/2
0							0-99 cm	
10							Homogeneous mud	
20							no shells	
30								
40		5Y 4/1						
50		Dark grey	fracturing					
60			heavy	1				
70								
80								
90								
100		99						
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin:

Site: U1352 Hole: B Core: 11A Section: 7 Top Depth: 102.18

Major Lithology: Mud

Minor Lithology:

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:
								<u>MR</u> <u>GV</u>	<u>12/2</u>
0							<p>0-94 cm Homogeneous mud no shells</p>		
10	"								
20	"								
30	"								
40	"								
50	"								
60	"								
70	"								
80	"								
90	"								
94									
100									
110									
120									
130									
140									
150									

53 4/11
 Dark grey

heavy fracturing

1

S

Expedition 317 Canterbury Basin:

Site: 01332 Hole: B Core: 114 Section: CC Top Depth: 103.14

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:	Date:
0	"		↑	↑			0-61 cm	MR GU	12/2
10	"	5y 4/1	↑	↑			Homogeneous mud		
20	"	Dark grey	↑	↑			no shells		
30	"		↑	↑					
40	"		↑	↑					
50	"		↑	↑					
60	PAZ	61	↑	↑					
70			↑	↑					
80			↑	↑					
90			↑	↑					
100			↑	↑					
110			↑	↑					
120			↑	↑					
130			↑	↑					
140			↑	↑					
150			↑	↑					