

Expedition 317 Canterbury Basin:

U1352

C

129R

1

1745.4 - 1749.71m

Major Lithology:

Sandy marlstone

Site:

Hole:

Core:

Section:

Top Depth:

Minor Lithology:

Sandstone

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		○					Alternating lithologies of:	GB, NM 17 Dec
10							① light colored well sorted, v-f - fine (mostly v-f) sandy marlstone. 10Y6/1. Faint dark green - colored lamination throughout - sometime ripple laminated. Form bedded units up to 16 cm thick. Contain light cream colored, v-f sandy <sup>mud</sup> filled burrows up to 1 cm diam but really up to 3 cm diam. Sharp bases. Bioturb. index is ③. They alternate with	
20							② dark gray 10Y 3/1 mu - 1.5 cm thick horizontally laminated well sorted v-f to fine (mostly v-f) glauconitic sandstone. Sharp bases.	
30								
40								
50								
60								
70								
80								
90								
100								
110							123-124 cm - bioturbation - probable escape structure	
120							Lithology ② occurs at thin intervals: 16-17 cm, 34-35, 66-67, 20-21, 100-101, 136-137	
130								
140								
145		145						
150								

Broken into chunks by drilling

③

↓

123

124

Expedition 317 Canterbury Basin:

U1352

C

129R

2

Major Lithology: Sandy mudstone

Site:

Hole:

Core:

Section:

Top Depth:

Minor Lithology: Sandstone, mudstone

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								GB, NM 17 Dec
10							Same alternating lithologies as in section 1 - refer to that sheet for details.	
20								
30				↑ ③ ↓			Lithology ② occurs at thin intervals: 21-22 cm, 50-51, 58-59, 77-78, 117-118, 124-125, 134-135, 138-139	
40								
50			53 56	— —			Between 143-147 lithotype ① alternates with 1 cm thick of <del>rippled</del> <sup>N3</sup> horizontal mudstone. Interbedded lithotype ① is ripple laminated through this interval.	
60								
70								
80						83 85		
90								
100								
110				105 97			Bioturbation index 4 at 105-107 cm, 83-85 cm, 53-56 cm.	
120								
130								
140								
150		150						

Broken into chunks due to drilling

143  
147



Expedition 317 Canterbury Basin:

U1352 C 129R cc  
 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: Date:
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150	PAL	16 21	zero	↑ ⊙ ↓			<p>Dominantly type 1 lithotype but with dark type 2 sandstone at 4-4.5 and 7-8cm, 15-16cm - usually &lt; 5mm thick beds. Sharp based and shrap topped.</p>	<p>GB, NM 17 Dec</p>