

Expedition 317 Canterbury Basin:

U1352

C

50

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1083.30

Major Lithology: Sandy Marlstone Site: \_\_\_\_\_ Hole: \_\_\_\_\_ Core: \_\_\_\_\_ Section: \_\_\_\_\_ Top Depth: \_\_\_\_\_  
 Minor Lithology: \_\_\_\_\_

Onset (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				↑				NTA, GIB
10							micac. of sdy marl st	10 Dec
20				⑤+			Trace fossils include Chondrites Helminthopsis Thalassinoides	
30		10y 4/1	23 31	10y 5/1			No shells	
40		dark greenish gray	no					
50				54				
60				④		10y 5/1		
70				64				
80								
90								
100								
110						110		
120				⑤+		10y 5/1		
130						122		
140								
150		149		↓				

Major Lithology: Sandy Marlstone Site: \_\_\_\_\_ Hole: \_\_\_\_\_ Core: \_\_\_\_\_ Section: \_\_\_\_\_ Top Depth: \_\_\_\_\_  
 Minor Lithology: \_\_\_\_\_

Onset (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: N19, BB 10 Dec
0		0					0-150cm Sandy Marlstone. med well sorted v f - fine (mostly v f) sandy marlstone. Rhy shells at 23 + 50cm  Bioturbated throughout. Helminthopsis Chondrites	
10		10Y 4/1						
20								
30		↓	31	5/1				
40			38					
50		10Y		↑				
60		4/1	59	④				
70		10Y 5/1	68	↓				
80								
90								
100			102					
110			10Y 5/1					
120			fractured 5/1					
130				130				
140								
150		150						

Expedition 317 Canterbury Basin:

U1352

50R

3

1086.30

Major Lithology: Sandy Mouldstone Site: \_\_\_\_\_ Hole: \_\_\_\_\_ Core: \_\_\_\_\_ Section: \_\_\_\_\_ Top Depth: \_\_\_\_\_  
 Minor Lithology: \_\_\_\_\_

Unitset (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: <u>NM/GB</u> Date: <u>10 Dec.</u>
0		○					<p>0-150 cm Sandy Mouldstone.</p> <p>med well sorted v.f. to fine (mostly v.f.) sandy mouldstone.</p> <p>No shells.</p> <p>Bioturbated throughout Thallosinoides.</p>	
10			14					
20		10Y 5/1						
30			33	↑				
40								
50								
60		10Y 4/1		④				
70								
80		10Y 5/1	80 86	↓				
90								
100								
110			110					
120		10Y 5/1	122					
130								
140								
150		150						

Expedition 317 Canterbury Basin:

U1352 C 50R 4 1089.80

Major Lithology: Sandy mudstone Site: Hole: Core: Section: Top Depth:

Core 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: MIA/AB 10 Dec
0		①						
10			-15				0-150cm Sandy mudstone.	
20		10Y 5/1	-25				mod well sorted, vP to fine (mostly vP) sandy mudstone.	
30							Shells - scattered at 145-150cm.	
40							Bioturbated throughout.	
50				↑			Thalassinoides Helminthopsis.	
60		40Y 4/1		④				
70				↓				
80								
90			-93					
100		10Y 5/1	-99					
110								
120			-117					
130		10Y 5/1	-128					
140								
150		15G						

Major Lithology: Sandy mudstone Site: \_\_\_\_\_ Hole: \_\_\_\_\_ Core: \_\_\_\_\_ Section: \_\_\_\_\_ Top Depth: \_\_\_\_\_  
 Minor Lithology: \_\_\_\_\_

Onset (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					<p>0-131cm Sandy mudstone.</p> <p>mod well sorted, v f to fine (mostly v<sup>l</sup> sand) sandy mudstone. Shell at 28cm - probably a coral.</p> <p>Bioturbated throughout.</p> <p>Include:</p> <p>Helminthopsis Chondrites Zoophycos</p> <p>From 76-100cm - slightly more chalky and harder lithology.</p>	MM/AB 10 Dec
10								
20								
30								
40		10γ						
50		4/1		↑				
60				④				
70								
80		76		↓				
90		10γ 5/1						
100		100						
110			Fractured					
120				115				
130		131						
140								
150								

Expedition 317 Canterbury Basin: U1352  $\leftarrow$  50r 6 1090.80

Major Lithology: Sandy Marlstone Site: Hole: Core: Section: Top Depth:

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: NM/GRS 10 Dec.
0		0	1				0-150cm Sandy marlstone.	
10		10Y 5/1	5 10				medium well sorted, up to fine (mostly up) sandy marlstone.	
20		10Y 4/1					Row + scattered shells - ag at 85cm	
30								
40								
50		-47	10Y	5/1			Slightly more chalky interval - more cemented + lighter color.	
60		-54					Bioturbated throughout.	
70				(4)				
80								
90								
100		10Y						
110		4/1						
120								
130		-129						
140		10Y 5/1						
150		-145 150						

Expedition 317 Canterbury Basin:

u 1352 C 50R 7 1092.30

Major Lithology: Sandy Marlstone Site: Hole: Core: Section: Top Depth: Minor Lithology:

Core 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	Logged by: Date:
0		0					<p>0-71 cm Sandy Marlstone</p> <p>moderately well sorted, v f to fine (mostly v f) sandy marlstone.</p> <p>No shells</p> <p>Intensely bioturbated throughout light-colored marl with sandy fill</p> <p>- <i>Terebellina</i>  <i>Chonetes</i>  <i>Helminthopsis</i>.</p>	<p>NM/GRS</p> <p>10 Dec</p>
10								
20		10Y		↑				
30		4/1		(4)				
40		40		↓				
50		10Y/5/1	50					
55		51				Fractured		
60		57	59					
70		10Y/5/1	68					
75		71						
80								
90								
100								
110								
120								
130								
140								
150								

