

Expedition 317 Canterbury Basin:

U1352

B

50

1A

417.9 - 427.46 m

Site:

Hole:

Core:

Section:

Top Depth:

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: GB 4 Dec
0								
10		10Y/					0-150 cm	
20		4/1					Mud with a few percent very fine micaceous sand.	
30		avd					Very rare broken shells throughout	
40		M5					Homogeneous.	
50				↑				
60				③			Distinct color mottling between gray + greenish gray color. Color mottling appears not to be related to any grain size change. Distinctly grey color between 85-90 cm.	
70				↓			Typically color mottling/banding on a cm-scale	
80								
90								
100							100% mud	
110								
120								
130								
140								
150		150						

Expedition 317 Canterbury Basin:

U1352 B

50

2

419.4

Site:

Hole:

Core:

Section:

Top Depth:

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: GB 4/20
0								
10							0-131 cm Mud with a few % of sand Micaceous with very rare broken shells.	
20		10Y						
30		4/1						
40		and					Color mottling/banding throughout usually seen a cm-scale - up to 5cm thick.	
50		N5		↑			At Gray-colored units appear to be more clay-rich	
60				③				
70				↓				
80								
90								
100								
110								
120								
130		131					131-150 cm Mud with a few % of sand Distinctly more greenish in color. Calcareous Forams common. Gradational top.	
140		10Y						
150		4/1						

Expedition 317 Canterbury Basin: U1352 B 50 4 422.4
 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								GB 4 Dec
10							0-129 cm Mud with a few percent of sand - distinctly greenish color calcareous Broken shells found throughout core.	
20								
30				↑				
40				③			At a gradational contact at 49 cm lithology passes	
50		10y 4/1		↑ F			downward into a muddy sand, and at 116 cm into a sand. At the base	
60							sand is moderately sorted up to fine (mostly v f)	
70				③ ↓			← 2 cm incipient calcareous concretions at 115-129 cm	
80				↑			Sharp base.	
90				②		B		
100						SS		
110								
120		116		↑ F				
130		129		②		B	129-144 cm - Sandy mud. Distinctly olive green color. Sand up to f (mostly v f). Sharp base. Mottled appearance at top	
140		10y 5/1		↓		SS		
150		144 N5 150		③		SS	144-150 - gray-color mud as above.	

Expedition 317 Canterbury Basin: U1352 B 50X 5

Major Lithology: Mud Site: Hole: Core: Section: Top Depth: 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							0-32cm	CB 4 Dec
10		N5					Mud with a few percent of sand. Rare of sand filled, light brown burrows up to 1cm diam. Probably colored down from above - extends down 17cm from overlying contact.	
20								
30		32						
40								
50		SGY					33-136cm	
60		4/1		↑			Mud with a few percent of sand. Distinct mottled & color banded appearance.	
70		N5		③			Rare shells scattered throughout.	
80				↓				
90							Rare light gray colored of sand lenses - become burrows throughout.	
100								
110								
120							136-150cm	
130							Mud with a few % of sand. Rare broken shells throughout. Occasional of light gray colored sand lenses -	
140		136						
150		roy 4/1 150						

Expedition 317 Canterbury Basin:

Site: U1352 Hole: B Core: 50 Section: 6 Top Depth: 425.T.

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: GB 4 Dec
0							0-25cm Mud with a few % v.f. sand	
10		10Y S/1					Very rare scattered & broken shells. Occasional light gray v.f. sand lenses - presumably burrows. Gradational base. Distinctly blue colored	
20		25						
30							25-130cm	
40							Mud with a few percent v.f. sand	
50		10Y S/1					Rare & broken shells throughout	
60		+ N5		(3)			Distinct color banding between blue green & gray muds - each < 10cm thick	
70			slight discolority				Probable bioturbation	
80							Gets more grayish toward base	
90								
100								
110								
120								
130		130						
140								
150								

Coelocpod at 56cm

