

Expedition 317 Canterbury Basin:

U1352

D

13H

1

108.00

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Mud

Minor Lithology:

Muddy Sand

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						88/JS
10		1064 511	soft/sandy				0-150 Homogeneous mud with a trace of of well sorted sand	22 Dec
20							80-81 cm clay-rich mud	
30								
40								
50								
60				3				
70								
80							48-52 cm <u>Chlamys delicatula</u>	
90				4			Muddy sand (of), slightly micaceous - filled burrows 86-94	
100		561 511					Helminthopsis(?) 137-150 cm	
110							Shell fragments (bivalve) at:	
120				3			7, 40-52, 57, rare throughout the rest of the core	
130								
140								
150		150						



Expedition 317 Canterbury Basin:

Site: U1352 D 134 3 111.0  
 Hole: Core: Section: Top Depth:

Major Lithology: Mud

Minor Lithology: Muddy Sand, 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:
0								55 12/22
0-25		SGY					Homogeneous mud, with trace amount of uf-f (uf) well sorted sand	
25-28		5/1		2			mod. sorted uf-f (mostly f) muddy sand; shell fragments (ammonite/bivalve)	
28-42		SGY					Sandy mud, uf-f (mostly uf) well sorted sand. Scattered shell fragments	
42-51		4/1		3			mod. sorted uf-f (mostly f) muddy calcareous sand (ammonite shell fragments)	
51-60		SGY					Sandy mud, uf-f (f) mod. sorted sand	
60-70		5/1		2			mod. sorted uf-f (mostly f) muddy sand	
70-112		SGY					Homogeneous mud w/ minor amount of uf sand	
112-121		4/1		3			mod. sorted uf-f (mostly f) muddy calcareous sand (ammonite shell fragments)	
121-150		SGY		2			Homogeneous mud w/ minor sand (same as 70-112 cm)	
150		5/1					Chlamys del shell at 44 cm Scattered shell fragments 70-112 121-150 cm	

Expedition 317 Canterbury Basin: U1352 D 13H 4 112.50

Major Lithology: Muddy Sand Site: Hole: Core: Section: Top Depth: Minor Lithology: Mud

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 22 Dec
0		0					0-62 cm	
10		5G 4/1	↑ Gas expansion	22			Mud with vf sand with rare shells scattered throughout Conjoined Tawera valves at 46cm. Other shell fragments at 1, 19, 40 + 51 cm. Gradational + wavy base	
20								
30								
40								
50								
60		62						
70				(2)			62-150 med sorted vf - f (mostly f) muddy sand - calcareous. Abundant scattered shells (usually broken) throughout include Tawera at 75cm, shells at 100-108, 117-126 cm	
80			↓	80				
90								
100		5G 4/1	← Gas expansion					
110								
120								
130								
140								
150		150						

Expedition 317 Canterbury Basin:

Site: W1352 Hole: D Core: 13H Section: 5 Top Depth: 114.00

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:
0							0-4cm: v of sandy mud, Gradatolaved base - calcareous	CB 22 Dec
10		5G7 4/1					Mud with a few % of sand. Homogeneous throughout. Shell fragments rare + scattered eg at 10 cm, 67 cm, 95-97 cm.	
20								
30								
40								
50								
60		5G 4/1		②				
70								
80				20				
90								
100								
110								
120								
130								
140								
150		150						

Expedition 317 Canterbury Basin:

Site: 41352 Hole: D Core: 134 Section: 6 Top Depth: 115.50

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:
0		○						GB 22 Dec
10							0-141 cm mud with v. sand with wave broken shells sp. 53-57, 67-70, Rare forams throughout. Homogeneous throughout	
20								
30								
40								
50								
60		5a 4/1						
70			Gas expansion →	(2)				
80			← Gas expansion					
90								
100								
110								
120								
130								
140		141						
150								

Expedition 317 Canterbury Basin:

Site: U13S2 D Hole: 13H Core: 7 Section: 116.90 Top Depth:

Major Lithology: Mud

Minor Lithology: Sand

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		5						Cob 22 Dec
10		5G 4/1	Gas expansion →	→			0-48cm Mud with v f sand with rare broken shells eg at 26cm. Contains rare forams.	
20				Ⓟ				
30				←				
40		5G 4/1						
48		48						
50		55			↑ F		48-55. mod sorted, v f to f (mostly v f) shelly calcareous sand. Gradational top. Finer upward	
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

