Expedition 317 Canterbury Basin: U1352 B 47X 1 389.20

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: JJ NM Date: 12/4
0							0-150 gradually fining upward mud.	
10			1 slight crack					
20				3			Gradual increase in vf, well-sorted sand laminae micaceous	
30								
40							Slightly mottled throughout	
50								
60								
70								
80								
90								
100							Planolites(?) burrows filled w/ sandy mud 83-85 cm	
110								
120								
130		5GY 4/1					rare small shell frags throughout	
140	F							
150								

Expedition 317 Canterbury Basin: U1352 B 47X 2 390.70

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Sandy Marl

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: JJ NM Date: 12/4/09
0		10Y 4/1					0-41 homogeneous mud, same as lower part of sect 1	
10								
20				4			41-140 cm calcareous muddy sand, poorly sorted uf-f micaceous, "Sandy Marl"	
30	f							
40							140-150 Homogeneous mud	
50							41-50 cm, bioturbated gradual contact, mix of uf muddy sand to sandy mud	
60								
70							bioturbated transition at 140 from muddy sand to sandy mud	
80								
90		5Y						
100		4/2						
110						ss	0-41 rare small shell frags	
120							41-150 common small shell frags	
130							118-125 common shell frags	
140								
150		10Y 4/1						

Expedition 317 Canterbury Basin: U1352 (Site:) B (Hole:) 47X (Core:) 3 (Section:) 392.20 (Top Depth:)

Major Lithology: Calcareous 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: JJ, NM Date: 12/4/6
0							Homogeneous: Mud with micaceous vf-f well sorted sand, increasing calcareous vf sand upcore	
10								
20		10Y		3				
30		4/1					Slightly mottled throughout	
40							0-30 sandy mud-filled indistinct burrows	
50								
60								
70								
80								
90								
100								
110								
120								
130							rare small shell fragments throughout	
140								
150								

Expedition 317 Canterbury Basin: U1355 B 47x 4 393.70

Site: Hole: Core: Section: Top Depth:

Major Lithology: Calcareous mud 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: JJ, NM Date: 12/4/09
0		10Y 4/1					Homogeneous mud with <20% uf well sorted micaceous calcareous sand	
10								
20							Gradual textural transition to clayeyer mud from 120 to base	
30								
40				3			Slightly mottled throughout	
50							100-110, slightly sandier mud, likely due to more bioturbation	
60								
70								
80								
90								
100				4				
110								
120		5GY 4/1					Rare small shell fragments throughout	
130								
140								
150								

Expedition 317 Canterbury Basin: U1352 (Site:) B (Hole:) 47X (Core:) 5 (Section:) 395.20 (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: JJ NM Date: 12/4/09
0							0-90 Homogeneous mud w/ trace amount of well sorted micaceous sand mottled	
10								
20								
30							90-150 Homogeneous mud w/ <20% of well sorted micaceous sand	
40		N4						
50							Gradual color transition around 90 cm	
60								
70							Overall fining-upward	
80								
90								
100		10Y						
110		5/1						
120							0-90 v. small dark gray burrows (Condrites)	
130							90-150 v. rare small shell fragment	
140								
150								

Expedition 317 Canterbury Basin: U1352 B 47X 6 396.70

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Calcareous 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: JJ, NM Date: 12/4/09
0		10Y		4			0 ~ 15 cm vf f calcareous sandy mud; gradual textural transition ~ 15 cm	
10	C	4/1						
20								
30		5G4					15 – 130 Homogeneous with trace of vf well sorted micaceous sand mottled	
40		4/1		3				
50								
60								
70								
80								
90								
100								
110								
120							Small cavrites (?) throughout	
130							0 - 80 rare shell fragments	
140								
150								

Expedition 317 Canterbury Basin: U1352 B 47X 7 398.00

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: FJ NM Date: 12/4/09
0							Homogeneous mud, same as lower half of section	
10		Same as 8.c! (lower)						
20				3				
30								
40								
50								
60								
70								
80								
90								
100								
110								
120							39-40 small, vf sand-filled burrow	
130								
140							Very rare small shell fragments throughout	
150								

Expedition 317 Canterbury Basin: U1352 (Site:) B (Hole:) 47x (Core:) CC (Section:) 398.56 - 399.03 (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: JS, NPh	Date: 12/4
0							Homogeneous mud same as Sect 7, highly disturbed by drilling		
10									
20									
30							rare shell fragments throughout		
40	DAC								
50									
60									
70									
80									
90									
100									
110							Core Totals		
120							Mud 76%		
130							Calcareous mud 14%		
							Sandy marl 10%		
140									
150									