

Expedition 317 Canterbury Basin: 01352 B 17H 1 150.70

Major Lithology: Mud Site: Core: Sandy mud, muddy sand 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							Mottled muddy sand fining upward through sandy mud to mud.	JJ/NA 12/2/09
10							Sand is F-UF well sorted, micaceous	
20		10Y					'Sandy, mud, waxy sand is calcareous	
30		4/1						
40								
50	Mud						Light color (5GYS/1) clay-rich pebbles distributed throughout	
60	F			3				
70								
80								
90								
100	Sandy mud							
110								
120								
130							+calcareous	
140	Muddy sand	10Y 4/1					Common shell intervals at 36-38	
150							rare shell 22-24 40-48 65-73; 100-140 cm, all are bivalve fragments	

Expedition 317 Canterbury Basin:

Site: 17H Hole: 2 Core: 152.20 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	muddy sand						Overall Fining upward to coarsening upward; Gradational transitions	SS/WIM 12/2/09
10								
20							0-3 cm muddy sand, as in base of sec 1, gradational change to sandy mud @ 3 cm calcareous	
30	Sandy mud							
40		Same as Sect					3-60 cm sandy mud, gradual textural transition from well sorted sand	
50				3			60-96 mud + ss: calcareous mud	
60								
70								
80	mud		Splitting 150-155 cm				96-133 Sandy mud, same texture as 3-60 cm	
90							133-148 muddy sand, f-of poorly sorted sand, abundant shell fragments, bivalve forms	
100								
110	Sandy mud			2			0-80 mottled, 80-125 faint color banding	
120							All sand slightly micaceous	
130							Scattered/rare shell frag 0-140	
140							Common shell frag 140-148	
150	muddy sand							

Expedition 317 Canterbury Basin:

Site: 174 Hole: 3 Core: 153.70 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								55/NM Petzky
10	Sandy mud						Overall fining upward, gradual textural transition	
20								
30							0-35 sandy mud; sand is well sorted fine, micaceous + calcareous	
40				2				
50	Muddy Sand						35-71 muddy sand same sand texture as above + calcareous	
60								
70		10Y 4/1						
80							0-79 mottled	
90								
100								
110								
120								
130								
140								
150							rare scattered shell fragments throughout; bivalves, forams especially in sandier interval	

Expedition 317 Canterbury Basin:

Site: 1714 Hole: 4 Core: 154.49 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	muddy sand	10Y 4/1					mud / sandy mud with sharp contact at 9 cm, burrowed + calcareous	JJ/AM 12/2/09
10								
20	mud (clay rich)	N4		2			muddy sand 0-9 same as lowermost sect. 4	
30							9-100 sandy mud to clayey mud, with gradual textural transition	
40						SS 19		
50								
60							106Y 4/1	
67-71							35-36 greenish gray sandy mud	
70							47-50 " "	
							f-vf well sorted sand	
80							9-100 color alternating between 106Y 4/1 (sandy) to N4 (clay)	
90								
100							67-71 very dense clay nodules	
100-130							100-130 mud with some sand	
110		106Y 5/1		3			110-150 shelly mud, w small amount f-vf sand, Terebra & other bivalves fragments	
120	mud							
130							Thalassinoides 9-12	
130							Planorbis 18-19 Th.	
140	shelly mud	106Y 5/1		1				
150							shells rare 0-9, 32-38, 57-61	

Expedition 317 Canterbury Basin:

17H- CC 155.99-156.15

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								JS/AMM 12/7/09
10	PAL						Shelly mud, same as lowermost of Sect 4	
20								
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								