Expedition 317 Canterbury Basin:

Major Lithology: MUD Minor Lithology:

Site: U1351 Hole: B Core: 2 Section: 1 Top Depth: 7.8

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: CM ST Date:
0			SLIGHT				MAJOR LITH. MUD	
10		5Y 4/1					0 - 66 cm - (SILTY)	
20							0.6 SLIGHT "	
30			SLIGHT				66 - 150 MUD (CLAY)	
40							65.10 cm SHELL FRAGMENTS	
50				1			74 GASTROPOD (1 cm long)	
60							77 - 79 " (2 cm long)	
70							83 - 85 " (2 cm long)	
80		5Y 4/1					88 "	
90							98 - 103 cm GASTROPODS	
100							107 - shell fragments	
110				2			110 - 113 " "	
120				1			126 " "	
130				2			134 - 140 " "	
140				1			115 - 117 BURROW 3 cm DIAMETER	
150							134 - 136 BURROW 3 cm DIAMETER	

150

Expedition 317 Canterbury Basin:

Site: U1351 Hole: B Core: 2 Section: 2 Top Depth: 9.3

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: CM ST Date:
0							0-150 HOMOGENEOUS MUD (SILTY) SCATTERED ABUNDANT SHELLS OF WELL-PRESERVED GASTROPODS AT 0-3; 10-13; 14-16; 22-31; 35-44; 49; 53; 54; 66; 75-79; 90-94; 101; 117-118; 111-112; 120-122; 127	
10								
20		5Y 4/1		1				
30								
40								
50								
60								
70								
80				1				
90								
100								
110				1				
120								
130								
140								
150								

Expedition 317 Canterbury Basin:

Site: U1351 Hole: B Core: 2 Section: 3 Top Depth: 10.8

Major Lithology: MUD Minor Lithology: SHELLY 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: CM SF Date:
0							0-122 cm MUD (SILT) FROM 122-150 SHELLY MUD (VERY FINE SAND + SILT)	
10								
20								
30		5Y 4/1					0-122 cm HOMOGENEOUS MUD WITH SCATTERED WELL PRESERVED GASTROPODS AT:	
40							8; 11; 15-24 cm ABUNDANT.	
50				1			34-35 SHELL FRAG. 37 " " 44-47 " " 53cm: GASTROPOD	
60								
70						75 S	71-72cm: SHELL FRAG. 94-95cm: GASTROPOD	
80							112-108cm: SHELL FRAG. SCATTERED IN SUBTLE	
90							GRADUAL CONTACT AT 122	
100							FROM 122-150 cm SHELL FRAGMENTS < 2mm	
110				3				
120		5Y 4/2						
130				4				
140						140 S		
150								

450

Expedition 317 Canterbury Basin:

Site: U1351 Hole: B Core: 2 Section: 4 Top Depth: 12.3

Major Lithology: MUD Minor Lithology: SHELLY 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: CM SP Date: 11-23-10
0							0-50 SHELLY MUD	
10							FROM 0-36 SHELL FRAGMENTS & GASTROPODS SCATTERED (SHELL FRAG & GASTROPODS BOTH < 5 mm)	
20		5Y 4/2		4				
30							FROM 36-40 cm SHELL BED (RICH IN BIVALVES SMALLER THAN 3 cm.	
40								
50							45-50 cm SHELL BED SHELLS < 5 cm	
60							FROM 50 TO 150 cm MUD (VERY FINE SAND) CONTAINS SCATTERED SHELL FRAG. < 1 cm	
70								
80		5Y 4/2		2			62 cm 75 cm 90 cm; 93; 108 130; 146	
90								
100							GRADATIONAL CONTACT AT 50 cm	
110								
120						120 S	THERE IS A GRADATIONAL INCREASE IN GRAIN SIZE FROM SECTION 5 TO THE TOP OF SECT. 4. FROM CLAY TO SILT TO VERY FINE SAND.	
130								
140								
150								

600

Expedition 317 Canterbury Basin:

Site: U1351 Hole: B Core: 2 Section: 5 Top Depth: 13.8

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: CM ST Date: 11-24-09
0							FROM 0 TO 100 cm MUD (SILTY) – BURROWS RIMMED OR SPOT (2 cm MAX) DIAMETER SHELL FRAG. 72 cm 74 cm; 83. 86 cm –	
10				3				
20		5Y						
30		4/2						
40								
50								
60								
70								
80								
90								
100							GRADATIONAL CONTACT – FROM 100 – 150 MUD (CLAY) CONTAINS SCATTERED SHELL FRAG DARK TO BLACK < 1mm LONG –	
110		5Y		3				
120		4/1						
130								
140								
150								

Expedition 317 Canterbury Basin:

Major Lithology: SHELLY MUD Site: U1351 Hole: B Core: 2 Section: 6 Top Depth: 15-3
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: CM ST Date: 11-22-08
0				NO DISTINCT BIOTURBS			FROM 0-36 cm SHELLY MUD (SILT) WITH SHELL FRAGMENTS <1cm MAINLY BIVALVES. ALSO CONTAINS POCHETS OF MED. GRAINED SAND	
10		5Y		3				
20		4/1				S		
30								
36							@ 36 cm GRADATIONAL CONTACT	
40		5Y		1			FROM 36-68 SHELL BED MATRIX MED. GRAINED SAND & SILT. CONTAINS BIVALVES & GASTROPODS <2cm. SIZE RANGES FROM mm TO 2cm. CONTAINS BLACK GRAINS THE SIZE OF MEDIUM SAND.	
50		5/1						
60								
68							@ 68 cm SHARP CONTACT	
70							FROM 68 TO 120 MUD (CLAY) HOMOGENEOUS AT 104 cm A BURROW FILLED WITH MED SIZE BLACK GRAINS	
80		5Y						
90		5/1		1				
100						S		
110								
120								
130								
140								
150								

342

Expedition 317 Canterbury Basin:

Site: U1351 Hole: B Core: 2 Section: CC Top Depth: 165

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: CM ST Date: 12-09
0		5Y 5/1		1			0-23 cm MUD (CLAY) AT 6 cm BURROW FILLED WITH SHELL FRAGMENTS AT 22 cm SHELL FRAG.	
10								
20								
30								
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

% lithology

Mud	65%
Sandy mud	32%
Med sand	3%.

865