

Expedition 317 Canterbury Basin:

U1351 B 314 1 256.10

Major Lithology: MUDDY SAND Site: Hole: Core: Section: Top Depth: Minor Lithology: SHELL WASH

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								CM
10							FRM 0 - 15 cm V.F. SHELLY MUDDY SAND	ST 11-22-09
20							FRM 4 to 8 cm CEMENTED IN PLACE	
30							SOME SHELLS ARE UP TO 3 cm WNG WITH 2 VALVES	
40		Sg					S 33 AND HAVE BEEN PARTLY CEMENTED.	
50		4/1					SHELL FRAGMENTS	
60		OLIVE GRAY					VERY ABUNDANT	
70							A BRACHIODONID IS	
80							AT 15 cm	
90								
100								
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin:

Site: V1351 Hole: B Core: 31x Section: 2 Top Depth: 258 m

Major Lithology: Muddy Sand

Minor Lithology: Shell hash

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:
								CM	11-22-09
0							From 0 to 150 cm shelly muddy sand with fragments sand is v.f. concretion at 23-25		
10				1					
20		○ sy							
30		4/1							
40		DUKE							
50		GRAY		1					
60									
70									
80									
90									
100				1					
110									
120									
130									
140									
150									

Major Lithology: Muddy Sand Site: 3 Hole: B Core: 31x Section: 3 Top Depth: 259.70
 Minor Lithology: Mud

Depth (m)	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								ST 11-22-09
10		5y					From 0-70 Shelly muddy sand sand is v.f. shells are broken < 1 cm.	
20		4/2						
30		olive		1				
40		gray						
50								
60								
70	o o o						GRADATIONAL CONTACT From 70-115 cm MUD WITH V.F SAND LENSES + POLYETS.	
80	o o	NS		4			SHELL FRAG 0.5 cm at 97 cm	
90	o o o	MEDIUM					HEAVY BIOTURBATION	
100	o o	GRAY					ACROSS CONTACT WITH DISTINCT BURROWS 1 cm IN DIAMETER + SAND INSIDE	
110	o							
120								
130								
140								
150								

Expedition 317 Canterbury Basin:

Site: J1351 B 31X Hole: 4 Core: 26120 Section: Top Depth:

Major Lithology: MUD Minor Lithology: MUD, SAND

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							FROM 0-60 cm	CF 11-22-09
10							MUD V.F. SAND BEDS	
20							& LENSES at	
27-28							cm	
32-33							cm	
37-38							cm	
38						S	BEDS SHARP BASED CONTACTS & ARE NORMALLY GRADED	
50		NS MED GRAY					[DET MAIN SLIGHT BISCUITS]	
68-110						S	Fine 68-110 cm	
70							shelly muddy V.F. SAND	
80		S Y					CONCENTRATED 92-94	
82-93		4/4 OLIVE GRAY					DOWNWARD CLAM (95-101)	
90							4 cm long both VALVES PRESERVED	
100							ABUNDANT SHELL FRAG. FINE 82-93 cm	
110							FINE 110-145 cm	
120		NS MED GRAY					MUD WITH MUDDY SAND BEDS, LENSES	
130							& LENSES SHARP BASED BEDS 116 & 131	
140							LENSES at 118, 121, 123, 124, 132, 136	
150							141 -	

Expedition 317 Canterbury Basin:

U1351

B

31X

S

262-10

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: MUD

Minor Lithology:

Depth (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glaucinite %	Samples	Core Description, comments, boundary type, other	Logged by: Date:
0							FROM 0 - 59 cm HOMOGENEOUS MUD LENSES OF SILT mm LING.	CM 11-22-09
10		S&Y					SCATTERED SHELL FRAG. AT 9, 12 & 27 cm	
20		4/2						
30		DARK						
40		GREENISH		2		S	40	
50		GRAY						
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

Major Lithology: MUD Site: Hole: Core: Section: Top Depth: Minor Lithology:

Depth (m)	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		SGY						CM 11-22-09
10		4/1 DARK GREEN GRAY		1 SH		5	FRAM 0-33 m homogeneous MUD FRAM 33 to 38 CEMENTED INTERVAL SHELL FRAM. 3 m	
40		5/6 6/1 GREENISH GRAY						