Expedition 317 Canterbury Basin:

Site: U1351 Hole: B Core: 21X Section: 1 Top Depth: 160.80

Major Lithology: mud Minor Lithology: vf sd

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: J.J/N.M	Date: Nov. 21
0							· mud massive homogeneous v.f; micaceous soty mud		
10									
20							· rare shells scattered all through		
30		gley1	slight				sd-filled (sty vf sd) · Chondrites ϕ ~ 4mm		
40		N/4	bisect	(2)					
50									
60									
70									
80									
90									
100	101					SS (102)	micaceous sd. sty v-f sd mottr. well sort.		
	103						irregular but sharp lower boundary		
110									
120									
130									
140									
150									

Expedition 317 Canterbury Basin:

Site: U1351 Hole: B Core: 21X Section: 2 Top Depth: 162.30

Major Lithology: mud Minor Lithology:

Core (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: J.J/N.M Date: Nov 21
0		gray 1 N 4/					• alternate color band N4 & N5 (more clay) (more silty) mud.	
10			slight					
20							at cm - dm scale	
30							• thin silt / laminated beds with sharp contact at 126cm	
40			(biscuit)		/		• with scattered rare shell frag. (123cm)	
48	mud			(2)			• sand-filled Chondrites burrow Φ = 4mm	
50								
60							homogeneous 0 – 48 cm	mud
70		N4 / N5				SS (73)	alternating 48 – 110 cm only color N4 & N5	
80							interbedded 110 – 150cm	
90								
100	mud							
110							• interbedded vf-silty micaceous sd with mud. Thinly laminated	
120		N4 / N5						
130								
140	alteration							
150	149							

Expedition 317 Canterbury Basin:

Site: U1351 Hole: B Core: 21X Section: 3 Top Depth: 163.80

Major Lithology: mud Minor Lithology: vf. sd

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: Nov. 21
0		gley1 N4 / N5 alternating	slight (biscuit)	↑			← alter		
10							0 - 55cm interbedded micaceous vf sd with mud thinly bedded.		
20									
30									
40									
50				(2)					
60							55 - 120cm alternating color band, mud. N4 & N5		
70									
80							· Chondrites all through φ = 4mm		
90							· very rare shells & frag. all through		
100									
110		↓	↓	↓					
120									
130									
140									
150									

Expedition 317 Canterbury Basin:

Site: 1351 Hole: B Core: 21X Section: 4 Top Depth: 165.30

Major Lithology: interbedded sd/md Minor Lithology: sd

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: J.J./N.M	Date: Nov. 21
0		gray 1	↑	↑					
10	8?	N4 / N5	slight				· interbedded, rf micaceous silty sd. with clayey mud.		
20							· color banding N4 / N5 (sdy md) / (clayed mud)		
30			biscuit				3-8cm sdy layer; 25cm sdy layer; 142cm sdy layer } rf micaceous sd		
40									
50									
60							Chondrites rare. φ = 3mm		
70									
80							22-32cm biscuit → photo list.		
90									
100									
110									
120									
130									
140		HCC							
150									

Expedition 317 Canterbury Basin:

Site: U1351 Hole: B Core: 21X Section: 5 Top Depth: 166.80

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: J.J N.M	Date: Nov. 21
0			↑	↑			v'f sdy micaceous sdy mud		
10							color banding N4 / N5		
20			slight				0 – ~~10~~ 80 cm at cm/dm scale.		
30									
40			biscuit						
50									
60									
70									
80		80							
90		5GY 4/1		(2)					
100				↓		SS (102)			
105							105		
110				↑		SS (113)	sdy mud bioturbated common shell fragments, calcareous (max f-sd.)		
120		10Y 4/1	↓	4					
128		128		↓					
130									
140									
150									

Expedition 317 Canterbury Basin:

Site: 1351 Hole: B Core: 21X Section: CC Top Depth: 168.0'

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		10Y 4/1	slight	2			mud scattled shell (rare)	
10		14cm					sdy mud, shelly (common), shell frag. calcareous. bivalve + gastrop.	
20			biscuit	1		SS 22cm	sharp boundary	
30				2			mud scattled shell (rare)	
40	PAL	37 42						
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								

Lithology % in core

Mud	20%
Sandy mud	52
Sand	tr.
Interbedded Sand + mud	28