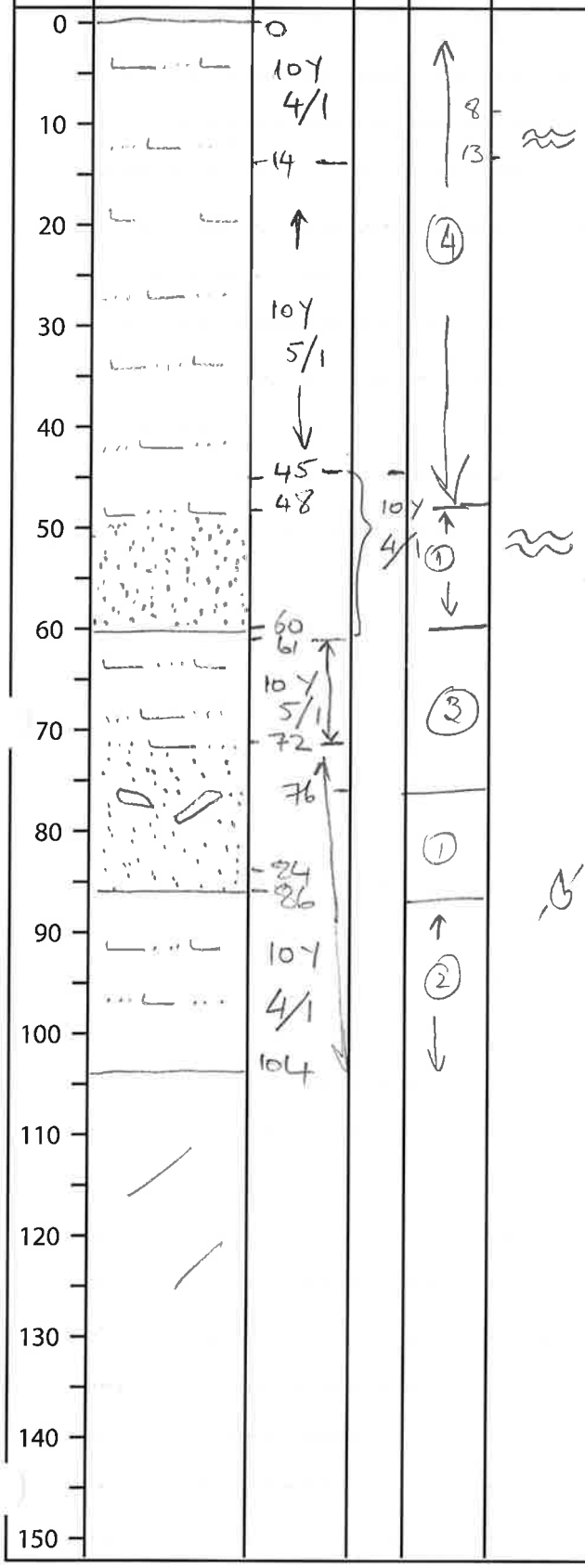
Expedition 317 Canterbury Basin: U1352 | C | 53R | 1 | 1112.1 – 1115.12 m

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: Sandy Mudstone Minor Lithology: silty sand

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: GB Date: 10 Dec.



0–104 cm Sandy mudstone.
Mod well sorted, v f to fine (mostly v f) micaceous sandy mudstone

More cemented + lighter-coloured intervals between 14–45 cm + 61 – 72 cm. – more calcareous (chalky).

At 60–48 cm
planar bedding passing upward into a ripple laminated silty sand

At 86–76 cm. shell layer 2 cm thk overlain by blocks of contemporaneous fragments (rip-up) / mud clasts up to 2 cm diam – mass transport horizon

At 13–8 cm potentially ripple laminated sandy mudstone

Rare shells throughout

Expedition 317 Canterbury Basin: U1352 C 53R 2

Site: Hole: Core: Section: Top Depth:

Major Lithology: Sandy Mudstone 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: GB Date: 10 Dec
0		0	Soupy				0-132 cm Sandy mudstone.	
		6						
10		10Y 4/1		4			mod well sorted, vf to f (mostly vf) sandy mudstone.	
20				↓				
			25					
30				↑			Better cemented + lighter colored intervals at 25-60 75-83 cm.	
40				5				
50		10Y 5/1		↓			Probably more calcareous.	
60				60			Fractured intervals at 60-75 83-132 cm	
70		10Y 4/1	fractured	4				
				75				
80		10Y 5/1		5			Soupy in top 6 cm.	
				83				
90				↑			No shells. Bioturbated throughout include Anconichnus Terebellina	
100		10Y 4/1						
110				3				
120			fractured	↓				
130		132						
140								
150								

Expedition 317 Canterbury Basin: U1352 C 53R CC

Site: Hole: Core: Section: Top Depth:

Major Lithology: Sandy marlstone 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		0		↑			0-20cm Sandy marlstone moderately well sorted, vf - fine (mostly vf) sandy marlstone. Bioturbation common throughout.	
		10Y						
10		5/1		5				
				↓				
20	PAL	20						
		24						
30							Cemented + more calcareous Planolites Anconichnus.	
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140								
150								