

Expedition 317 Canterbury Basin:

82.3 - 93.8

U1354 C

5X

1

Major Lithology: Muddy sand Site: Hole: Core: Sandy Section: Top Depth: Minor Lithology: mud + 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: Date:
0								GB 31 Dec.
10		107 4/1	← Sandy ↑	①			0-32cm Sandy mud. p. sorted v f - med shelly sandy mud Shells dominated by broken bivalves + stirocolpus. Prob. fall-in Gradational base. Venenids at 5-8 + 20-38cm.	
30		32					32-112cm Muddy sand. mod. sorted v f - med (mostly fine) v shelly muddy sand Shells dominated by broken bivalves. Sandier intervals with fewer shells. Not certain if this is in place. Looks like carbonate mix! At 89cm to 112cm 107 5/1 2cm diam v f to f sand mud 'blebs' - could be burrows. Gradational base	
60		N4		①				
110		112		↑			112-150cm Mud v. calcareous mud with a few % micaceous v f to f sand Shells scattered throughout including stirocolpus - usually finely broken fragments.	
120		107 5/1		②				
150		150		↓				

Expedition 317 Canterbury Basin:

U1354 C

5x

2

83.8 - 85.3m

Major Lithology: Sandy wad

Site:

Hole:

Core:

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		0						GS 31 Dec
10								
20								
30								
40				↑				
50		SGY 5/1 to 10Y 5/1		① ↓			0-94cm. v f to fine (mostly f) shelly sandy wad. <u>Mosopeplum</u> at 52cm. Gradated upward into more waddy wad. Calc nodules common eg 26-27cm, 38-42cm, 51-53cm, 77-80cm.	
60								
70								
80							94-108cm. med sorted v f - med (mostly f) sandy wad with incipient calc concretions. Shells broken.	
90				↑			108-116cm. med sorted v f - med (mostly f) shelly wad with furrowfields.	
100		94 N6		① ↑		101 - SS	116-118cm. well sorted v f (mostly fine) micaceous gray sand Grad base	
110		102 SGY 5/1					118-122cm v f sandy clayey mud Sharp basal contact	
120		116 N3 118 N5 122 N5 125				118 - SS	122-125cm - poorly sorted, v f - coarse shelly sand	
130								
140		10Y 4/1		② ↓			125-150cm: Sandy wad. v f to med sandy wad with abundant broken shells including <u>Maoricolpus</u>	
150		150						

