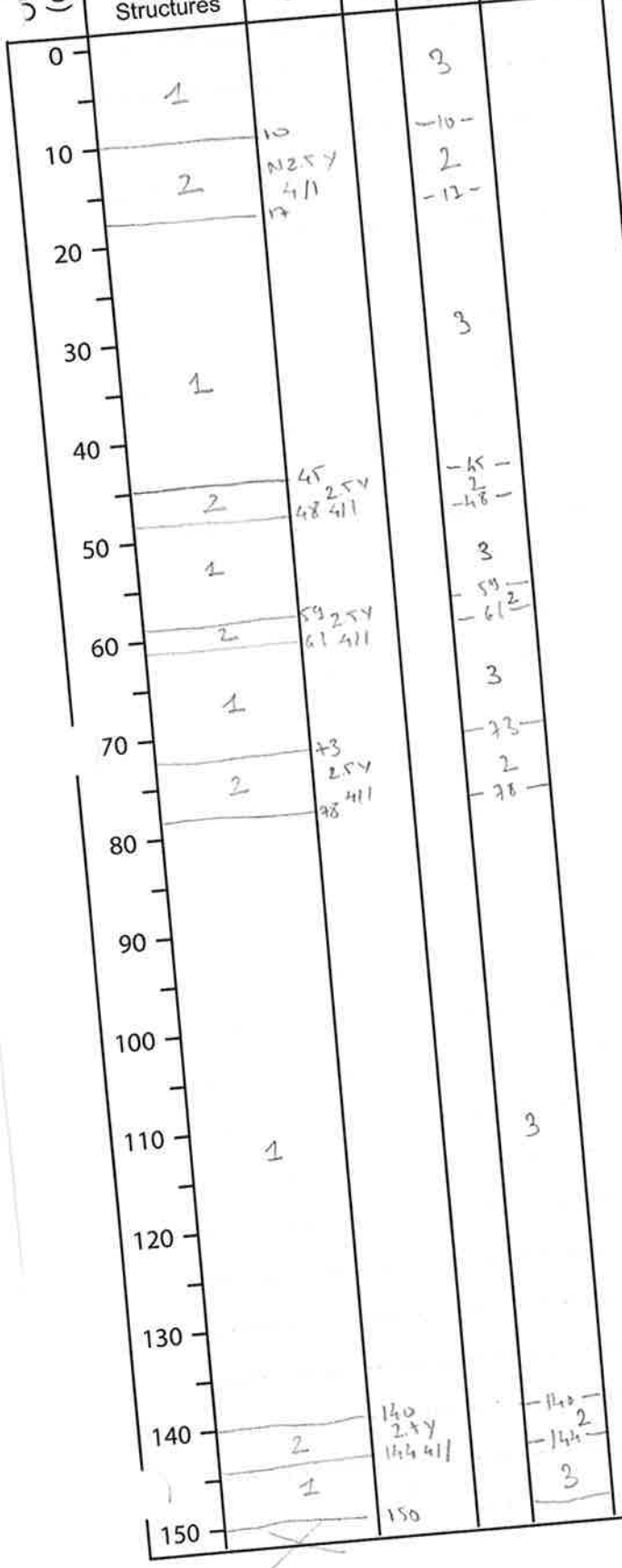
Expedition 317 Canterbury Basin: Site: U1352 Hole: C Core: 123R Section: 1 Top Depth: 1692.50

Major Lithology: Minor Lithology:

Logged by: MR, GW Date: 12/17



0 - 150 cm

v.f. glauconitic sandy mudstone

wavy discontinuous laminae

lithotype 1 = 2.5 Y 6/1

lithotype 2 = 2.5 Y 4/1

possible glauconite-rich layers

142 - 143 cm

Expedition 317 Canterbury Basin:

Site: U1352 Hole: C Core: 123R Section: 2 Top Depth: 1094.00

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: MW CW Date: 12/12
0							0 - 144 cm	
10							v. f. glauconite sandy mudstone	
20	lithotype 1						wavy discontinuous laminae	
30							Possible glauconite - rich layers	
40							13 - 14 cm	
50	lithotype 2 / 1 / lithotype 2	50 / 51 / 55 / 58					16 - 17 cm	
60							91 - 92 cm	
70	lithotype 1						134 - 136 cm	
80								
90								
100							103 - 106 cm v. f. sandy glauconitic mudstone (mica shell debris)	
110	lithotype 3 / 1	103 / 106					5PB 4/1 dark bluish gray	
120	2	123 / 125					cross stratifications (current ripples)	
130	1	133					concentrated heavy minerals (glauconite)	
140	1	137 / 144					133 - 137 = sandier interval	
150	X							

Expedition 317 Canterbury Basin:

Site: U1351 Hole: C Core: 123 R Section: 3 Top Depth: 1695.13

Major Lithology:..... Minor Lithology:.....

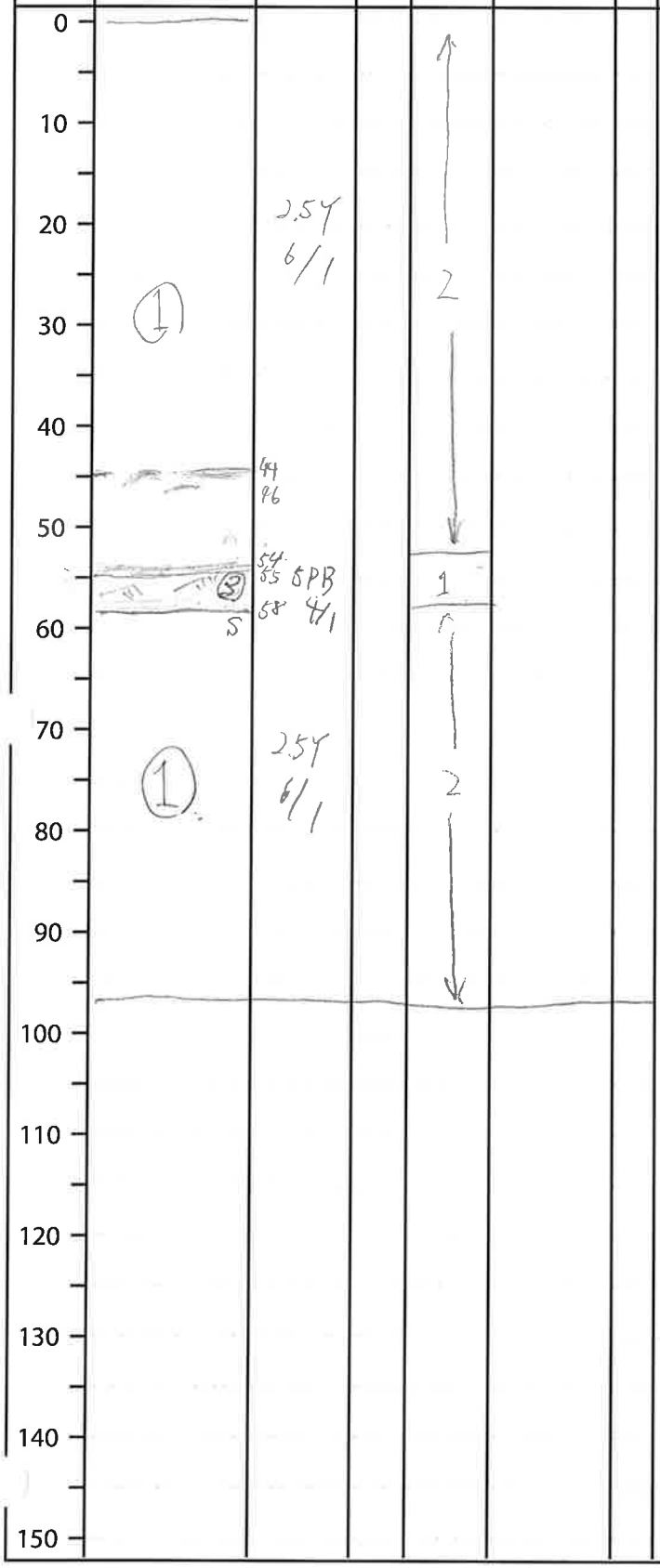
Offset (cm)	Lithology (graphic) Sed. Structures	Colour	Drilling disturb.	Trace F. Bioturb.	Accessories: Mineral, fossils Misc structures Glauconite %	Samples	Core Description, comments, boundary type, other	Logged by: MR GW Date: 12/14
0	Litho 1			3			0-102 cm	
10	Litho 2	9 2.5Y 13 4/1		2 9 13			v.f. glauconitic sandy mudstone	
20	Litho 1			3			wavy discontinuous laminae	
30	Litho 2	29 2.5Y 32 4/1		29 2 32			background color of lithotype 1 = 2.5Y 6/1	
40							laminae color = 2.5Y 4/1	
50				3			possible glauconite-rich layer	
60	Litho 1						20-21 cm	
70							97-98 cm	
80								
90								
100	102							
110								
120								
130								
140								
150								

Expedition 317 Canterbury Basin:

Site: U1352 Hole: C Core: 123R Section: 4 Top Depth: 1696.43

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: GU MR Date: 12/17



0-32, 58-97 cm
v.f.-f. glauconitic sandy marlstone
wavy and discontinuous lamina
same as above

55-58 cm
Lithotype 3
dark bluish gray (5PB4/1) v.f.-f. sandstone
parallel to ripple cross lamina.
glauconitic

54 cm

44-46 cm
glauconite rich layers