**Expedition 317 Canterbury Basin:** U1353 B 29H 1 153.00

Site: Hole: Core: Section: Top Depth:

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: JJ Date: 12/24 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | 0-94 Homogeneous mud with minor (<10%) well sorted uf-f (mostly uf) slightly micaceous sand | |
| 10 | | | | 3 | | | | |
| 20 | | 5GY | | | | | | |
| 30 | | 4/1 | | | | | Clay-rich intervals: 28-30 cm; 33-36, 38-41, 42-46 cm | |
| 40 | | | | | | | | |
| 50 | | | | | | | abundant small (1-3 mm) sand-filled burrows (chondrites) throughout sec! Sand is uf, well sorted, slightly micaceous | |
| 60 | | | | | | | | |
| 70 | | | | | | | | |
| 80 | | | | | | SS | | |
| 90 | | | | | | | | |
| 94 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | Bivalve shell fragments 55-87 cm 22-23, 70-71 | |
| 120 | | | | | | | Rare shell fragments 57-70 cm | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:** U1353 B 29H 2 153.94

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Shell hash

| 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: SJ Date: 12/24 |
|---|---|---|---|---|---|---|---|---|
| 0 | | 10Y 4/1 | Slurry | 1 | | | 0-11cm Muddy shell hash likely all cave-in | |
| 10 | | | | | | | | |
| 20 | | 10 GY 4/1 | Soft | 1 | | | 11-29 Homogeneous mud with trace amount of vf, well-sorted sand; contains shell fragments from the 0-11cm interval; likely all disturbed | |
| 30 | | | | 29 | | | | |
| 40 | | 10Y 5/1 | Sappy | | | | | |
| 50 | | 52 | | | | | | |
| 60 | | | | | | | 29-53 Homogeneous mud, very sappy. Clay-rich with trace amount of vf sand. Occasional shell fragment Likely all disturbed | |
| 70 | | | | | | | | |
| 80 | | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:** U1353 B 29H 3 154.46

Site: Hole: Core: Section: Top Depth:

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: JJ Date: 12/24 |
|---|---|---|---|---|---|---|---|---|
| 0 | | 5G7 | | | | | 0-42 Homogeneous mud with trace to minor amounts of uf-f (mostly uf) slightly micaceous sand 0-20 cm is more clay-rich, 20-42 is sandier | |
| 10 | | 4/1 | | | | | | |
| 20 | | | | 2 | | | | |
| 30 | | | | | | | | |
| 40 | 42 | | | | | | Thin discontinuous sand lamina at 25.5 cm | |
| 50 | | | | | | | | |
| 60 | | | | | | | rare sand-filled burrows same as in Sect 1 | |
| 70 | | | | | | | | |
| 80 | | | | | | | | |
| 90 | | | | | | | Shell (bivalve) fragment at 17 cm, 24-25 cm | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:** U1353 B 2H 4 154.88

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Sandy 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: JS Date: 12/24 |
|---|---|---|---|---|---|---|---|---|
| 0 | | 5GY 4/1 | | 3 4 | | | 0-59 Homogeneous Mud with trace to minor amounts of vf-f (mostly vf) miraceous Sand<br>Clay-rich intervals 20-24, 27-36, 42-57 cm<br>Sharp contact at 27 cm between sandier mud above and clayer mud below<br>59-74 Sandy mud. vf-f (mostly vf) well sorted miraceous Sand<br>Abundant sand-filled burrows throughout, <1 cm in diameter<br>Shell fragments 18-20 cm, 24, 63 | |
| 10 | | | | | | | | |
| 20 | | | | | | | | |
| 30 | | | | | | | | |
| 40 | | | | | | | | |
| 50 | | | | | | | | |
| 60 | | | | | | | | |
| 70 | | 7/1 | | | | | | |
| 80 | | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:** U1353 B 29H 5 155.62

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Sandy 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: JJ | Date: 12/24 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | 5GY 4/1 | | 3 | | | 0–8 cm Sandy mud. Sand is uf-f (mostly uf) slightly micaceous, well sorted | | |
| 10 | | 8 | | | | | | | |
| 20 | | | | | | | | | |
| 30 | | 5GY 5/1 | | | | | 8–116 Homogeneous mud clay-rich with a trace amount of uf sand Rare to common shell fragments, Likely all flow in | | |
| 40 | | | | | | | | | |
| 50 | | | | | | | | | |
| 60 | | | | | | | | | |
| 70 | | | Sampled | | | | | | |
| 80 | | | | | | | | | |
| 90 | | | | | | | | | |
| 100 | | | | | | | | | |
| 110 | | | | | | | | | |
| 120 | | 116 | | | | | | | |
| 130 | | | | | | | | | |
| 140 | | | | | | | | | |
| 150 | | | | | | | | | |

**Expedition 317 Canterbury Basin:** U1353 B 7H 6 156.78

Site: Hole: Core: Section: Top Depth:

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: TJ Date: 12/24 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | Homogeneous Mud, Same as Sect 5 (8-116cm) Likely all flow in | |
| 10 | | 5GY 5/1 | | | | | | |
| 20 | | | | | | | | |
| 30 | | | | | | | | |
| 40 | | | | | | | | |
| 50 | | | Soupy | | | | | |
| 60 | | | | | | | | |
| 70 | | | | | | | | |
| 80 | | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:** U1353 B 29H CC 157.58

Site: Hole: Core: Section: Top Depth:

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: JJ Date: 12/24 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | Homogeneous Mud, same as Sect. 6 Likely all flow in | |
| 10 | | 5GY | | | | | | |
| | | 5/1 | | | | | | |
| 20 | | | | | | | | |
| 30 | | | Soupy | | | | | |
| 40 | | | | | | | | |
| 50 | | | | | | | | |
| 60 | | | | | | | | |
| 70 | | | | | | | | |
| 80 | | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |