**Expedition 317 Canterbury Basin:** U1352 B 456.30

Site: Hole: Core: 54X Section: 1 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: GH ST Date: 5-12-09 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | | |
| 10 | | | | | | | 0-140 mud (y silt) clayey | |
| 20 | | | | | | | | |
| 30 | | | | | | | color banding N4 & 10Y 4/1 2~10 cm thick | |
| 40 | | | | | | | | |
| 50 | | N4 & 10Y 4/1 | | | | | 140-150 vf sandy mud (silt) | |
| 60 | | | | | | | | |
| 70 | | | | | | | | |
| 80 | | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | S | 110 | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:** U1352 B 457.80

Site: Hole: Core: 54X Section: 2 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: GU ST Date: 5-12-09 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | | |
| 10 | | | | | | | 0–110, 120–130, 135–150 vf sandy mud (silt) | |
| 20 | | | | | | | shell fragments & vfs | |
| 30 | | | | | | | in spotted burrows. | |
| 40 | | N4 | | 2 | | | 110–120, 130–135 | |
| 50 | | | | | | | muddy sand (fs) | |
| 60 | | | | | | | abundant shell fragments | |
| 70 | | | | | | | < 5mm | |
| 80 | | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | vfs | | 109 | 4/1 | 1 | S | 110 | |
| 120 | | N4 | | | 2 | | | |
| 130 | vfs | | 109 | 4/1 | 1 | | | |
| 140 | | N4 | | | 2 | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:** 459.30

Site: Hole: Core: 54X Section: 3 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: GU ST Date: 05-12-09 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | | |
| 10 | | 10y4/1 | | | | | 0-20 cm muddy sand (vfs). | |
| 20 | | | | | | | 20-40 cm mud (silt) shell frags at 24-27cm | |
| 30 | | N4 | | | | | | |
| 40 | | | | | | | 40-65cm muddy vfs finning upward into mud | |
| 50 | | | | | | | | |
| 60 | Fa | 10y4/1 | | | | | | |
| 70 | | | | | | | 65-120cm mud (silt) | |
| 80 | | | | | | | color banding N4 & 10y 4/1 2~10cm thick | |
| 90 | | N4 & 10y 4/1 | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:** 460.80

Site: Hole: Core: 54X Section: 4 Top Depth:

Major Lithology: vfs 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 ST Date: 05-12-09 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | 0–150 muddy vfs | |
| 10 | c | | | | | | calcareous concretions abundant | |
| 20 | | | | | | | | |
| 30 | | | | | | | | |
| 40 | | | | | | | | |
| 45 | c | 10y 4/1 | | | | | | |
| 50 | | | | | | | | |
| 60 | | | | | | | | |
| 65 | | | | 1 | | | | |
| 70 | c | | | | | | | |
| 80 | | | | | | | | |
| 90 | ⌒ ⌒ | | | | | | | |
| 100 | | | | | | | | |
| 105 | ⌒ | | | | | | | |
| 110 | | | | | | | | |
| 120 | c | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:** 462.30

Site: Hole: Core: 54 X Section: 5 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: GH ST Date: 05-12-09 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | | |
| 10 | | | | | | | 0-35 muddy vfs | |
| 20 | | | 10y 4/1 | | 1 | | 15-20 concretion | |
| 30 | | | | | | S | 30 | |
| 40 | | | 5GY 4/1 | | | | 35-140 mud (silt) | |
| 50 | | | | | | S | 50 | |
| 60 | | | | | | | color banding N4 & 10y 4/1 1~5cm thick | |
| 70 | | N4 & 10y 4/1 | | | | | | |
| 80 | | | | 2 | | | abundant burrows | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:** 463.67

Site: Hole: Core: 54X Section: CC 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: GU ST Date: 05-12-09 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | | |
| 10 | | N4 & 10Y 4/1 | | | | | 0-34 mud (silt) color banded 1~10 cm thick | |
| 20 | | | | | | | | |
| 30 | | | | | | | | |
| 40 | | | | | | | | |
| 50 | | | | | | | | |
| 60 | | | | | | | | |
| 70 | | | | | | | | |
| 80 | | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |