**Expedition 317 Canterbury Basin:**

Site: U1352 Hole: B Core: 41X Section: 1 Top Depth: 331.50

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: Date: |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | 0-150 cm homogeneous mud (silt) | |
| 10 | | | | | | | | |
| 20 | | | | | | | Shell fragment 120 cm | |
| 30 | | | | | | | Packets of sand 0-15 cm | |
| 40 | | 10Y 4/1 dark greenish gray | | | | | | |
| 50 | | | | | | | | |
| 60 | | | | | | | | |
| 70 | | | | 1 | | | | |
| 80 | | | | | | $S_{80}$ | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:**

Site: U1352 Hole: B Core: 41X Section: 2 Top Depth: 333

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: ST MR Date: 12/4 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | 0- 150 cm homogeneous mud | |
| 10 | | | | | | | | |
| 20 | | | | | | | No shells | |
| 30 | | | | | | | | |
| 40 | | | | | | | | |
| 50 | | 10Y 4/1 | | 1 | | | | |
| 60 | | dark greenish gray | | | | | | |
| 70 | | | | | | | | |
| 80 | | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:**

Site: U 1352 Hole: B Core: 41X Section: 3 Top Depth: 334.5

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: ST MR Date: 12/4 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | 0- 90 cm homogeneous mud | |
| 10 | | | | | | | | |
| 20 | | | | | | | 90 - 120 cm v.f. muddy sand fining upward shell fragments (mm size) b/w 105 - 120 | |
| 30 | | 10Y | | | | | | |
| 40 | | 4/1 | | | | | | |
| 50 | | | | | | | 120 - 150 cm homogeneous mud | |
| 60 | | | | | | | | |
| 70 | | | | | | | bioturbated base | |
| 80 | | | | | | | gradational contact basal | |
| 90 | | | | | | | | |
| 100 | | 10Y | | | | | | |
| 110 | | 3/1 very dark greenish gray | | | | | | |
| 120 | | | | | | | | |
| 130 | | 10Y | | | | | | |
| 140 | | 4/1 | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:**

Site: U 1352 Hole: B Core: 41X Section: 4 Top Depth: 336

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: ST MR | Date: 12/4 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | 0 - 55 homogeneous mud (silt) | | |
| 10 | | | | | | | | | |
| 20 | | 10Y 4/1 | | | | | 55 - 150 homogeneous mud (clay) | | |
| 30 | | | | | | | | | |
| 40 | | | | | | | Skull fragments 66 cm 79 cm | | |
| 50 | | | | | | | | | |
| 60 | | | | | | | | | |
| 70 | | | | | | | | | |
| 80 | | | | | | | | | |
| 90 | | 10Y 5/1 | | | | | | | |
| 100 | | greenish gray | | | | | | | |
| 110 | | | | | | | | | |
| 120 | | | | | | | | | |
| 130 | | | | | | | | | |
| 140 | | | | | | | | | |
| 150 | | | | | | | | | |

**Expedition 317 Canterbury Basin:**

Site: U 1352 Hole: B Core: 41X Section: 5 Top Depth: 337.5

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: ST MR Date: 12/4 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | 0-150 cm homogeneous mud (silt) | |
| 10 | | 10Y 4/1 | | | | | | |
| 20 | | | | | | | color banding b/w 35 and 110 cm (N5 + 10Y 4/1) | |
| 30 | | — | | | | | color bands up to 1-10 cm | |
| 40 | | | | | | | | |
| 50 | | | | | | | | |
| 60 | | 10Y 4/1 | | | | | | |
| 70 | | + | | 1 | | | | |
| 80 | | N5 | | | | S80 | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | — | | | | | | |
| 120 | | 10Y 4/1 | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:**

Site: U1352 Hole: B Core: 41X Section: 6 Top Depth: 339

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: Date: |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | 0-110 cm | |
| 10 | | 10Y | | | | | homogeneous mud (silt) | |
| 20 | | 4/1 | | | | | NS interval 29-30 cm | |
| 30 | NS | 29 = NS 30 | | | | | Shell frag = 62 cm | |
| 40 | | | | | | | | |
| 50 | | | | | | | | |
| 60 | | | | 1 | | | | |
| 70 | | 10Y 4/1 | | | | | | |
| 80 | | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:**

Site: U1352 Hole: B Core: 41X Section: 7 Top Depth: 340.16

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: ST MR Date: 12/4 |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | 0-60 cm homogeneous mud (silt) | |
| 10 | | | | | | | | |
| 20 | | | | | | | 60-82 cm homogeneous mud (clay) | |
| 30 | | 10Y 4/1 | | 1 | | | | |
| 40 | | | | | | | | |
| 50 | | | | | | | | |
| 60 | | | | | | | | |
| 70 | | | | | | | | |
| 80 | 82 | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

**Expedition 317 Canterbury Basin:**

Site: U1352 Hole: B Core: 41X Section: CC Top Depth: 340.11

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: ST / MR | Date: 12/4 |
|---|---|---|---|---|---|---|---|---|---|
| 0 | = | | | | | | 0-37 cm | | |
| 10 | = | 10Y | | 1 | | | homogeneous mud | | |
| 20 | = | 4/1 | | | | | no shells | | |
| 30 | = | | | | | | lithology | | |
| 40 | 37 | | | | | | mud = 97% | | |
| 50 | | | | | | | muddy sand = 3% | | |
| 60 | | | | | | | | | |
| 70 | | | | | | | | | |
| 80 | | | | | | | | | |
| 90 | | | | | | | | | |
| 100 | | | | | | | | | |
| 110 | | | | | | | | | |
| 120 | | | | | | | | | |
| 130 | | | | | | | | | |
| 140 | | | | | | | | | |
| 150 | | | | | | | | | |

**Core Summary Sheet**

U1352B - Core 43X

Major lithology: Mud (93%); Minor Lithology: Sandy mud (7%)

The dominant lithology is a very dark gray (N 3) homogeneous mud with <10% v.f. well-sorted sand. Dark olive gray (5Y 3/2) v.f. sandy mud is a secondary lithology. Ichnofabric index is 1 throughout the core. Rare to absent shell fragments present throughout the core. Core is slightly disturbed (fractured) due to drilling.

**Summary**

MUD, SANDY MUD

The core is a very dark gray homogeneous mud with <10% well-sorted sand. Dark olive gray v.f. sandy mud is a secondary lithology. Ichnofabric index is 1 throughout the core. Rare to absent shell fragments present throughout the core. Core is slightly disturbed (fractured) due to drilling.