

Expedition 317 Canterbury Basin:

U1353

R

9H

1

56.8-62.00m

Major Lithology: *Calcareous mud*

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 | | | | | | QB 23 Dec |
| 10 | | | | | | | 0-64 cm | |
| 20 | | 10Y | | | | | calcareous mud with a few % of sand. Abundant broken shells throughout. - include <u>Stirocolpus</u> + bivalves including <u>Dosima</u> . All are broken shells. | |
| 30 | | 5/1 | | ↑ | | | | |
| 40 | | | → Soupy → | ① | | | | |
| 50 | | | | ↑ | | | Possible cave in. | |
| 60 | | | | | | | | |
| 64 | | 64 | | | | | 64-150 cm | |
| 70 | | | | | | | | |
| 80 | | | | ④ | 80 | 78 | calcareous mud with a few % of sand. Rare scattered shells throughout. Homogeneous throughout. Clay rich. | |
| 83 | | | | | 83 | | | |
| 90 | | | | ↑ | | | | |
| 100 | | 10Y | | ③ | | | dark gray sandy mud filled burrows 1cm diameter at 40cm. | |
| 110 | | 4/1 | | ↓ | | | | |
| 120 | | | | | | | Several small v f s mud filled burrows between 80-83cm. | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | 150 | | | | | | |

Expedition 317 Canterbury Basin:

U1353

B

9H

4

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Sandy 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: Date: CB 23 Dec |
|-------------|-------------------------------------|--------|-------------------|-------------------|--|---------|---|-------------------------------|
| 0 | | 0 | | | | | 0-61 cm. | |
| 10 | | 10GY | | | | | vf to fine (mostly vf) | |
| 20 | | 4/1 | | | | | sandy mud - micaceous. Appears to get coarser-grained with depth. Shells common + scattered throughout. | |
| 30 | | | | (2) | | | Shelly layer 5cm thick between 30-35cm dominated by <u>Stinocolpus</u> | |
| 40 | | | | | | | | |
| 50 | | | | | | | | |
| 60 | | 61 | | | | | | |
| 70 | | | | | | | | |
| 80 | | | | | | | | |
| 90 | | | | | | | | |
| 100 | | | | | | | | |
| 110 | | | | | | | | |
| 120 | | | | | | | | |
| 130 | | | | | | | | |
| 140 | | | | | | | | |
| 150 | | | | | | | | |

% lithology

| | cm | % |
|----------------|-----|------|
| calcareous mud | 430 | 88 |
| sandy mud | 61 | 12 |
| | 491 | 100% |