Curated core depth (mbsf)
Core section
XCT image (stretched)
Linescan (stretched)
Void (V) or whole round (WR) interval
Clay
Clay-silt / silty clay
Silt
Silty sand / sandy silt
Very fine sand
Fine sand
Medium sand
Tephra VCD observations
Close up photos (midpoint)
Smear slides
Parallel laminated
Wavy laminated
Convolute
Chaotic
Graded
Other sedimentary structures
Accessories
Top contact
Base contact
Coring disturbance
Bioturbation intensity
Iron monosulfide abundance
Color
Additional Observations
CC in bag
SS (15 cm)
black dots (1 mm)
Partly wet sample
7.5 Y 6/2
This silt lamina is the one also observed on previous section 3 (99.5-100 cm) black spots (5mm)
SS (40 cm) + black spots (5mm)
black spots (5mm) + high-density CT deformed features
black spots (5mm)
small black grains within black dots + black spots (1 cm)
black dots (5mm)
black dots (3mm)
7.5Y 5/2
5Y 5/2
h
Void (V) or whole round (WR) interval
Curated core depth (mbfs)
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Linescan (stretched)
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VCD grain size estimate
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Color
Visual core descriptions
### Visual Core Descriptions

#### Site M0085B

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#### Additional Observations

- Patchy light color clay + black dots (3mm)
- Soft sediments
- High-CT density laminations
- Black dots (3mm)
- Black dots (5mm)
- Bioturb black spots (5mm) with nodules (2mm)
- Bioturb black smudges
- Bioturb black spots (5-8 mm)
- Bioturb black smudges
- Bioturb black spots (5-8 mm)
- Silt with black spots (5 mm) + High-CT density deformed features
- Bioturb black spots (5-10 mm)
- SS (70 cm) + Bioturb silt patches
- Silt disturbed by bioturb + High-CT density deformed features
- Bioturb black spots (5 mm) + High-CT density deformed features
- Yellowish (oxidized?) interval
- Bioturb black spots (5-10 mm) + yellowish (oxidized?) last 2 cm
- Bioturb black streak (very few, 3 mm)
- Vf mixed with silty clay due to bioturb + high-CT density deformed features
- Silt mixed with small patches of silty clay from bioturb
- Slightly deformed by bioturb
- Bioturb black smudges with black streaks (8-10 mm)
- Bioturb black spots (3-10 mm)
Site M0085

Visual core descriptions

**M0085B**

4 of 7

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**Curated core depth (mbsf)**

**Core section**

**XCT image (stretched)**

**Linescan (stretched)**

**VCD grain size estimate**

**Sedimentary structures**

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**Void (V) or whole round (WR) interval**

**Coring disturbance**

**Bioturbation intensity**

**Iron monosulfide abundance**

**Color**

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**Additional Observations**

- Bioturb black streaks (3-5mm)
- SS (60 cm) + black spots (5-8 mm) with nodules (3mm)
- SS (77 cm) + silty clay with coarse silt grains + bioturb black smudges + black spots (5mm)
- SS (77 cm) + silty clay with coarse silt grains + bioturb black smudges + black spots (5mm)
- SS (50 cm) + very smooth clay
- Very smooth clay
- SS (50 cm) + very smooth clay
- Silty clay with thin layers of silt (3mm)

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**Core section**

**Smear slides**

**XCT image**

**Linescan**

**VCD grain size estimate**

**Sedimentary structures**

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**Core section**

**Smear slides**

**XCT image**

**Linescan**

**VCD grain size estimate**

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**Void (V) or whole round (WR) interval**

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**Color**

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**Core section**

**Smear slides**

**XCT image**

**Linescan**

**VCD grain size estimate**

**Sedimentary structures**

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**Bioturbation intensity**

**Iron monosulfide abundance**

**Color**

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**Core section**

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- SS (77 cm) + silty clay with coarse silt grains + bioturb black smudges + black spots (5mm)
- SS (50 cm) + very smooth clay
- Very smooth clay
- SS (50 cm) + very smooth clay
- Silty clay with thin layers of silt (3mm)
SS (85 cm) + tephra spots + high-XCT density spots

Void (V) or whole round (WR) interval

Close up photos (midpoint)

Smear slides

VCD grain size estimate

Sedimentary structures

Tephra VCD observations

Clay

Medium sand

Fine sand

Very fine sand

Silty sand / sandy silt

Clayey silt / silty clay

Clay-silt-sand

Silt

Silty sand

Top contact

Base contact

Coring disturbance

Bioturbation intensity

Iron monosulfide abundance

Color

Additional Observations

7.5Y 5/2

SS (85 cm) + tephra spots + high-XCT density spots

high-XCT density spots

7.5Y 4/3

bioturb black spots (5-15mm) with nodules (3-8mm) + high-XCT density spots + color bands

7.5Y 4/2

high-XCT density spots + color bands

7.5Y 4/3

SS (60 cm) + silt with silty clay spots (disturbed by bioturb) + high-XCT density spots + color bands

7.5Y 4/3

high-XCT density spots + black spots (5-8mm)

7.5Y 4/2

high-XCT density spots + silt mixed with silty clay due to bioturb + black spots (5-8mm) + black strips (1-2 cm)

7.5Y 5/2

high-XCT density spots + bioturb black spots (5-8mm) with nodules (3mm)

7.5Y 5/2

high-XCT density spots + bioturb black spots (5-8mm) with nodules (3mm)

oxidation at top and bottom

7.5Y 4/2

SS (60 cm) + high-XCT density spots + bioturb black spots (5-8mm) with nodules (3-5mm)
### Visual core descriptions

**Site M0085**

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Void (V) or whole round (WR) interval

Core section

XCT image (stretched)

Linescan (stretched)

Curated core depth (mbsf)

Clayey silt / silty clay
Clay-silt-sand
Silt
Silty sand / sandy silt
Very fine sand
Fine sand
Medium sand

Bioturbation intensity

Iron monosulfide abundance

Tephra VCD observations

Close up photos (midpoint)

Smear slides

Additional observations

Color

Parallel laminated
Wavy laminated
Convolute
Chaotic
Graded

Other sedimentary structures

Accessories

Top contact
Base contact
Coring disturbance

Parallel laminated
Wavy laminated
Convolute
Chaotic
Graded

Other sedimentary structures

Visual core descriptions

Site M0085

Tephra VCD observations

Additional observations

Color

Parallel laminated
Wavy laminated
Convolute
Chaotic
Graded

Other sedimentary structures

Accessories

Top contact
Base contact
Coring disturbance

Clay
Clayey silt / silty clay
Clay-silt-sand
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Silty sand / sandy silt
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### Additional Observations

- **7.5Y 4/2:**
  - Black dots (3mm)
  - Black dots (50cm) + Black spots (1cm)
  - Black dots (3mm)
  - Black spots (1cm)
  - Black dots (1cm)

- **7.5Y 2/2:**
  - Black dots (3mm)
  - Black spots (1cm)
  - Black dots (3mm)

- **7.5Y 4/2:**
  - High CT density spot through the section
  - Shell fragments spots (<3mm scale) = high CT density spot through the section

- **SS (30cm):**
  - Little black spots (<3mm)

- **SS (50cm):**
  - Little black spots (<3mm)
some black patches and spots (<5mm)

SS (46 cm)

little black spots (<3 mm)

spots (<5 mm)

inclined bedding + large inclined clast visible on XCT

SS (67 cm)

SS (80 cm) + black spots (5 mm)

little black spots (5 mm)

black dots (3 mm)

SS (34 cm)

SS (47 cm)

black dots (1 mm)

SS (69 cm)

black dots (5 mm)
small black grains are concentrated within black spots (1cm)
brown clay oxidized?
black dots (5-8mm)
bioturb black patches
bioturb black spots (3-5mm)
very little bioturb black streaks (8-10mm)
bioturb black strips (1cm)
bioturb black spots (3-5mm) + light gray strip (5cm - 7.5Y 7/2)
bioturb black spots (3-5mm)
black needle like object (2mm)
Embedded clasts, round and angular, with intrinsic parallel laminato more or less deformed (only visible on XCT)
SS (41cm) + medium sand mixed with coarse sand grains
slanted layer of medium sand mixed with coarse sand grains
bioturb black spots (5-8mm)
bioturb black spots (5-8mm)
bioturb black spots (8-10mm)
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**Additional Observations**

- **5Y 4/2**: high XCT-density spots + bioturb black spots (5-8mm) with nodules (2mm)
- **7.5Y 4/2**: high XCT-density spots + bioturb black streaks (2mm)
- **5Y 4/2**: Faint black spots (1-2cm)
- **7.5Y 4/2**: Interbedded vfs and fs disturbed laminations on top. Very specific interval sharp contact on right side between silty clay and well preserved fine sand laminations. Highly dynamic deposition. Load casts.
- **5Y 4/2**: Interbedded vfs and fs disturbed laminations. Highly dynamic deposition. Look alike channel levee deposition
- **7.5Y 4/2**: Interbedded vfs and fs laminations. Highly dynamic deposition.
- **5Y 5/1**: Interbedded vfs and fs laminations. Highly dynamic deposition.
- **7.5Y 2/2**: black spots (5-10mm)
- **7.5Y 2/2**: black patches and stripes
- **7.5Y 2/2**: silt spots black smudges
- **7.5Y 2/2**: silt streak (5cm)
- **7.5Y 2/2**: slanted boundary
- **7.5Y 2/2**: bioturb black spots (3-5mm)
- **7.5Y 2/2**: bioturb black spots (3-5mm) + nodule (49 cm)
- **7.5Y 2/2**: 2mm nodule (54cm and 58cm)
- **7.5Y 2/2**: 2mm nodule (54cm and 58cm)
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- **Sediment clasts/blocks from remobilization (MTD)**
- **SS (20cm + 33cm) + Sediment clasts/blocks from remobilization (MTD)**
- **White tephra block (5cm-long)**
- **Sediment clasts/blocks from remobilization (MTD)**

**Additional Observations**

- **Site M0085**
- **Visual core descriptions**

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