### Site M0089B

### Visual core descriptions

<table>
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<tr>
<th>Curated core depth (mbsf)</th>
<th>Core section</th>
<th>XCT image (stretched)</th>
<th>Linescan (stretched)</th>
<th>Void (V) or whole round (WR) interval</th>
<th>VCD grain size estimate</th>
<th>Sedimentary structures</th>
<th>Close up photos (midpoint)</th>
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<th>Color</th>
<th>Visual core descriptions</th>
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#### Sedimentary structures
- Bed with silt laminae
- Bed with laminae
- Graded
- Parallel laminated
- Wavy laminated
- Convolute
- Chaotic
- Bioturbation intensity
- Iron monosulfide abundance
- Some black spots <5 mm
- Some black spots 10 mm scale

### Tephra VCD observations
- VCD grain size estimate
- Sedimentary structures
- Color

### Curated core depth (mbsf)
- Void (V) or whole round (WR) interval
- VCD grain size estimate
- Sedimentary structures
- Color

### Core section
- Core section
- Visual core descriptions

### XCT image (stretched)
- Linescan (stretched)
- Sedimentary structures
- Color

### Additional Observations
- Accessory minerals
- Other sedimentary structures
- Bioturbation intensity
- Iron monosulfide abundance
- Tephra VCD observations
- Sedimentary structures
- Color
Additional Observations

- Black dots 3 mm
- Black dots " mm; I suspect coarser grain size at crack 42-44 cm (Antonio)
- black dots 3 mm
- black dots 3 mm
- some black dots 1 mm
- black dots 3 mm
- orange color silty clay layer
- small black grains with black dots 5 mm
- small black grains included in the black dots 5 mm
- black dots 5 mm
- black dots 3 mm
- silty clay laminae of dark color
- 2-4 cm thin patchy silt parts included
black dots 5 mm including small black grains. Moderate Iron Monos intensity at 35-43 and 84-89 cm

some black spots at <5 mm scale

some black spots at <5 mm scale

some black spots at <5 mm scale

black dots 3 mm

sharp color change

Silty clay includes clay laminae

thin silty clay laminae

thin silty clay laminae

thin silty clay laminae
black spots 3-5 mm; black nodule 4 mm at cm 15, 4 mm at cm 18, 5 mm at cm 30

- Spots 5-8 mm; black nodule 5 mm at cm 33
- Black streaks 5-10 mm
- Black spots 5-8 mm
- Black streaks 5-15 mm
- Black spots 5-8 mm, black smudges; black nodules 3-5 mm at cm 72, 79, 80, 82
- Black streaks 8-10 mm; black nodule 6 mm at cm 94, 95, 98
- Black spots 8-10 mm; black nodules (x8) 3-5 mm
- Bioturbated streak spots 3 mm
- Bioturbated black spots 2-5 mm
- Black streak 3-5 mm; black nodule 10 mm at cm 3, 8, 9
- Black spots 5 mm; black nodules 2-4 mm at cm 16, 21, 26
- Black patches
- Black spots 5-10 mm; black nodule 6 mm at cm 49
- Black thin layer
- Black streaks 8-10 mm
- Black smudges
- Bioturbated black smudges
- Bioturbated black spots 2-5 mm

CC in bag
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Additional Observations:
- Black spots / streaks 3 mm
- Black spots 3-8 mm
- Black smudges
- CC in bag
**Visual core descriptions**

### Curated core depth (mbsf)
- **3**: black streaks 3-5 mm
- **4**: black streaks 2-3 cm
- **5**: greyish olive (7.5Y 5/2) spots 5-10 mm, bioturbation black streaks
- **6**: bioturbated black spots 3-5 mm

### Sedimentary structures
- Void (V) or whole round (WR) interval
- Interlaminated clay, silty clay, and silt
- Parallel laminated
- Convolute
-分级

### Additional Observations
- Vitrásalo WR
- Black streaks 2-3 cm long
- Bioturbated black patches 5-10 mm
- Greyish olive (7.5Y 5/2) spots 5-10 mm, bioturbation black streaks
- Bioturbated black spots 3-5 mm
- Bioturbated black streaks 2 mm
- Bioturbated black spots 5-10 mm
- Bioturbated black smudges
- Yellowish brown proposed as 2Y 5/6 not available in list
- Black spots 5-10 mm; Possible sediment loss and deformation cm 94-100 (Ant)
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**Additional Observations**

- **Clay**: Clayey silt / silty clay
- **Clay-silt-sand**: Silt
- **Silt**: Silty sand / sandy silt
- **Very fine sand**: Very fine sand
- **Fine sand**: Fine sand
- **Medium sand**: Medium sand
- **Tephra VCD observations**
  - WR Sample
  - black dots 3 mm
  - 7.5Y 3/2
  - 7.5Y 4/2
  - 7.5Y 4/3
  - black dots 5 mm
  - 7.5Y 3/2
  - 7.5Y 4/2
  - black dots 1 cm
  - 7.5Y 4/2
  - 7.5Y 4/3
  - black dots 3 mm
  - black dots 3 mm; include grains 1 mm

**Visual core descriptions**

- **Bioturbation intensity**
- **Iron monosulfide abundance**
- **Color**
- **Core section**
- **Smear slides**
black spots 5-8 mm
black smudges
black spots (5 mm) with nodules (3 mm) within, oxidation 90-108
7.5Y 4/2
black spots, 3-5 mm
black spots, 5-8 mm
black smudges
black spots, 3-5 mm
black streaks, 1-2 cm
black spots, 3-5 mm
black smudges
x
black smudges
black spots, with black nodule(s), 3 mm;
7.5Y 4/2
black spots, 3-5mm, black nodule, 2mm
7.5Y 5/2
tephra, vf sand
black streaks
7.5Y 4/2
with some fine sand grains
black spots
black spots, 5-8mm, with black nodules (2 mm) embedded
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Site M0089

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**Visual Core Descriptions**

- **Black spots**: 1 cm
- **Black patches**: <2 cm
- **Many black patches**: 5 mm and layered mottling
- **Overall fining upward trend**: 42-67 cm (Ant)
- **Iron monosulfide abundance**
- **Coring disturbance**
- **Accessories**
- **Top contact**
- **Base contact**
- **Bioturbation intensity**
- **Other sedimentary structures**
- **Color**

**M0089D**

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M0089D