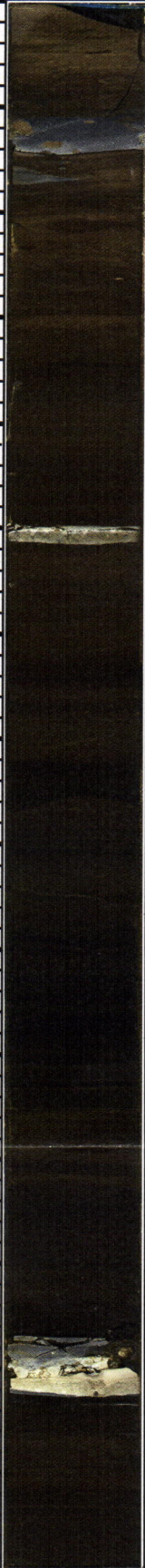


IODP-MSP (Exp. 364) VISUAL SECTION UNIT DESCRIPTION

| | | | | | |
|-------------|------------|-----------|------------|-----------|--------------|
| Exp. 364 | Site 77 | Hole A | Core 15 | Type R | Section 2 |
|-------------|------------|-----------|------------|-----------|--------------|

| | | |
|------------------|--------------|-------------------|
| Date 24.09.16 | Time 5:45 | Observers C.R. |
|------------------|--------------|-------------------|

pm

| [cm] | Image | Unit # | Lithology | Veins and Alteration | Structures | Burrows | Ichnofabrics | Fossils | Core Disturbance | Description |
|------|--|--------|---|----------------------|------------|---------|--------------|---------|------------------|---|
| 0 |  | 1 | Hardstone <i>(faint handwritten notes)</i> | | | | 1 - 3 | Forams | | <p>Hardstone - Colors:</p> <ul style="list-style-type: none"> + dark greyish brown 2.5 4 + very " " " " 4/2 + " " " " " " 3/2 black " " 3/1 " " 2.5 1 <p>+ cm 0-28 - highly bioturbated Lamination destroyed / navy grey Lwo fossil index 3 / light brown lenses - biot.</p> <p>cm 28-88 - slight laminae. cm 88 - bottom strong laminae</p> <p>3 claystone layer:</p> <ul style="list-style-type: none"> ¹ cm 10-14 Gley 1 5/2 - lenses of similar material grey around it ² cm 50-52 } light grey ³ cm 127-132 } 2.5 4 7/1 <p>=> all No reaction on HCl - silicified? Only lower part of lowest clay layer reacts</p> <p>+ Forams occur in throughout unit but are especially common in lower, laminated unit</p> <p>+ contacts betw/ hardst. & clay sharp contact.</p> <p>clay layer 1. -> fines upwards</p> |
| 10 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 30 | | | | | | | | | | |
| 40 | | | | | | | | | | |
| 50 | | | | | | | | | | |
| 60 | | | | | | | | | | |
| 70 | | | | | | | | | | |
| 80 | | | | | | | | | | |
| 90 | | | | | | | | | | |
| 100 | | | | | | | | | | |
| 110 | | | | | | | | | | |
| 120 | | | | | | | | | | |
| 130 | | | | | | | | | | |
| 140 | | | | | | | | | | |
| 150 | | | | | | | | | | |
| 160 | | | | | | | | | | |

CT-facies:

bid. Marlstone (upper part ~28 cm) mainly light grey

→ (d ↓, a # ↑)

Slightly lam. Marl. - intervals of black & dark grey

↓

d mod ↑, a # ↓ d ↓ a # ↑

lam. marlstone - light & dark grey intervals

↓

d ↓ a # ↑ → same for dark grey

clay layer
- black
→ d ↓ & a # ↑