

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

Exp. 364	Site 77	Hole A	Core 28	Type R	Section 2
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Date 25.09.16	Time 18:50	Observers C.R
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Burrows	Ichnofabrics	Fossils	Core Disturbance	Description
0		1	Marlstone w/ inter- bedded marly packstone				1 - 3	Forams		<p>Marlstone.</p> <p>+ Color 2.5 4 ...</p> <p>+ black 2.5/1</p> <p>+ dark greyish brown 4/2</p> <p>+ very dark greyish brown 3/2</p> <p>Laminated; cm 0-12 (slight)</p> <p>Soft sed. def — 15-20</p> <p style="margin-left: 150px;">27-35 - u-</p> <p>(soft sed. def.) 52-62 - u-</p> <p>(soft sed. delam.) 77-95 - u-</p> <p style="margin-left: 40px;">↓ bend layer</p> <p>→ bioturb. within lam. intervals</p> <p>- grey to brown lenses</p> <p>→ throughout most parts of the unit (therefor l.i. varies betw. 1-3).</p> <p>+ pyrite minerals at cm 14, 102, 87-88</p> <p>+ cracks betw. (23-28) chert; 67-73 chert</p> <hr/> <p>Marly packstone</p> <p>Color :: 2.5 4 7/1 light grey</p> <p>occur from</p> <p>cm 20-26, 46-51, 65-71</p> <p>108 - bottom of unit - lenses common (light brown/grey)</p> <p>ll.: 3</p> <hr/> <p>Grey layer (Gley 16)</p> <p>cm 12-15 - pushed sed away</p> <p>cm 102-103 (pyrite at rims)</p>
10										
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										
160										

Pyrite

→ don't look like claystone - altered
No react. on HCl but relatively soft.

CT-facies,

Thick alterations of dark grey, black, & light grey (bottom) 10cm

d ↑ a# ↑

d ↓ a# ↓
or ↑

d ↓ a# ↑
5cm

Pyrite - white d ↑ a# ↑