


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

Exp. 364	Site 77	Hole A	Core 4	Type R	Section 1
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Date 23/9/16	Time 8:30	Observers MW/EC
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[cm]	Image	Unit#	Lithology	Veins and Alteration	Structures	Burrows	Ichnofabrics	Core Disturbance	Fossils	Description																																																																																																																																
0		1	marlstone	pyrite @ 16cm			1		swarfs	<p>5Y 4/4 dark brown laminated</p> <p>2.5Y 6/3 lt yellow-brown - thin interbeds + lenses 1-3mm - packstone</p> <p>3 interbeds: clay 2 5/1 bluish gray claystone (ash) 1 cm thick at 8cm, 2.5cm at 11cm, 2 cm thick @ 23cm, forams thru out</p>																																																																																																																																
10										2	marlstone				1		forams	<p>CT tip lt. gray, mostly dk gray below claystone is black.</p> <p>lt. gray + dk gray mod. high density + atomic #; black low density + atomic #</p>																																																																																																																								
20																		3	marlstone	carbonate nodule			1		forams	<p>laminated 28-29 cm } marlstone</p> <p>cm beds 29-36 }</p> <p>2.5Y 4/3 olive brown</p> <p>36.5cm - 42.5cm bioturbated marlstone and claystone (lost?) forams thru out</p> <p>CT top dark gray. claystone black</p>																																																																																																																
30																										1-2					1-2		forams	<p>42.5 - 99 cm mostly laminated marlstone with one clay stone and local carbonate rich beds 2-4mm beds</p> <p>marlstone - 2.5Y 3/2 very dark grayish brown.</p> <p>carb interbeds - 2.5Y 6/3</p> <p>clay stone - gray 2 5/4 - 64-68.5cm</p> <p>forams thru out, small black specks possibly organics?</p> <p>clay stone 98-99 cm</p>																																																																																																								
40																																		1-2					1-2		forams	<p>CT facies - marlstone is lt-dk gray. carb. interbeds black</p> <p>clay stone black</p>																																																																																																
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