

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

Exp. 364	Site 77	Hole A	Core 31	Type R	Section 2
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Date	Time	Observers
26/09/16	9:30	MW EC

[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Burrows	Ichthyofossils	Fossils	Disturbance	Description 2.5Y 4-1
0		1	marlstone				3	Eschsch		mainly dark greyish brown marlstone w/ black laminae @ base + grades up into shaly part
5-5							2			up. contact sharp
10							3			Cyclically bedded marlstone + pack/grainstone
20				fracture chert			1			plg - 2.5Y 6/1, 7/1, 8/1 - gray, lt gray white depending on amt of clay
30							2-3			marlstones vary from greenish to brownish (clay 4/10% to 2.5Y 4/1)
40							1			cycles vary from 2-20 cm thick w/ 4 cycles in 3 sets that thin upward
50							2-3			both - fine sand w/ more clay in marl cycle bases are gradational due to bioturbation
60			2	packstone			2-3			marlstone II = 1-3
70							3			p/g = 2-4
80							1			
90							2-3			
100							1-2			
110							2-3			
120							1-2			
130							3			
140							2-3			
150						3				
160						1-2				
						3				
						1-2				
						3				

CT facies

Unit 1 - dark to lt beds on cm scale. Lt is high density and low at. # dk is low density + high at. #

Unit 2 - dk to lt alternation

H - low-
mod density + high at. #

dk - high density + low at. #