

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

Exp. 364	Site 77	Hole A	Core 19	Type R	Section 2
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Date 25/09/16	Time 9:48	Observers MW, EC
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[cm]	Image	Unit #	Lithology	Veins and Alteration	Structures	Burrows	Ichnofabrics	Fossils	Core Disturbance	Description												
0		1	Marlstone		=	=	1	Forams		Laminated marlstone with several claystones - altered and thin packstones												
10										Marlstone mainly dark - 2.5Y 3/2 laminated w/ local burrows and a silicified interval 0-13.6												
20											@ 15.4 thin white packstone grading up into marlstone to 13.7											
30												Altered ash: 2mm @ 21cm, 1.5cm @ 27cm, 5mm @ 56cm, 3mm @ 59cm, 2cm @ 60, 7mm @ 64.8cm. Top of unit in overlying core base grades into underlying unit										
40													Forams - common to abundant									
50														CT Facies - med-dk gray w/ low density high atomic # except for silicified interval - lt gray w/ high density low atomic #								
60															and claystone that is dark w/ low density & low atomic #							
70																=						
80																	=					
90																		=				
100																			=			
110																				=		
120																					=	
130																						=
140																						
150	=																					
160		=																				
72.2			2	marly packstone		=	=	2	Forams		marly packstone 2.5Y 6/2 - laminated 72-78cm H. brownish gray burrowed 78-108cm II 2-4-2 laminated @ base 93.5-104cm - vertical burrow w/ spessite dark partly silicified interval 91-92.5cm base gradual w. the below CT - see back *											
109.5			3	Marlstone		=	=	2	Forams		Dark marlstone @ top to bottom as in unit 1, lighter interbedded marls tone in center (122-133cm) laminated thru out w/ local burrows @ top. II 2 in some lighter beds = 2.5Y 5/2 grayish brown 133-141 - dark again w/ local burrows 141-144 altered claystone possibly burrowed forams thru out - more abundant in darker marls											
				X	Do not sample this ash take the one above		=	=	=	=												

PAL 63-64

CT see back *

CT Facies unit 2 - lt-dk gray interbedded @ top. - mid density /
center is very bright - high density & at # high at #

CT Facies Unit 3 - alternating light to dark
dark @ top & middle w/ low density & at #
lighter surrounding dark middle w/ no density & high at #
altered claystone - black w/ low density = v. low at #