

U1387A-2H-1A

Loss fraction < fragments

Expedition 339: Mediterranean Outflow

U1387A 2H 1A

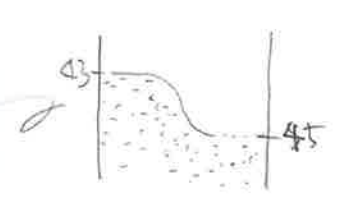
(1233)

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.					NN	9/Dec/2011
--0--		2.5Y 4/1	Silt	Very fine sand	Mottled	BS: 2 gruse		Type 2: Silty mud continued from		
--10--								→ shell of scaphopoda		
--20--								{ dispersed Shell fragment (throughout this section) ↓		
--30--										
--40--										
--50--										
--60--										
--70--										
--80--										
--90--										
--100--										
--110--										
--120--										
--130--										
--140--										
145										
--150--										Void



MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
							Type 2: Silty Mud (continued from 1A)	NU	9/Dec/2011
				Mottled					
				Disrupted contact	BI:2		Type 1: Nano mud		
	10YR 4/1	Clay	Silt	Mottled			30SS - Nano Mud		
				Mottled					
				Disrupted contact	BI:2		Type 2: Silty Mud → sandy silt w/BC		
	2.5Y 4/1	Silt	Silt MS						
				Mottled			62 shell fragment		
							dispersed shell fragments		
				Mottled			81 shell fragments		
				discontinuous faint parallel lamination					
				gradational			relatively coarse (silt - very fine sand)		
				Sharp contact	BI:2		Type 2: Silty mud → sandy silt w/BC		
	2.5Y 4/1	Silt	Silt MS				98 scaphopoda shell (black)		
				Erosional contact	BI:2		Type 1: Nano mud		
	10YR 4/1	Clay	Silt						
				Gradational contact	BI:2		Type 2: Silty mud		
	2.5Y 4/1	Silt	Silt MS				mud filled burrows		
				Erosional contact	BI:2		Type 1: Nano mud		
	10YR 4/1	Clay	Silt ↑ filling burrows						

MAJOR LITHOLOGY:

MINOR LITHOLOGY:



U 1387

A

2-H 3A

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Expedition 339: Mediterranean Outflow

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
								NN	9/Dec/2011
-0--				Bioturbated contact	BI:2		Type 1: Nanno mud continued from 2A		
	2.5Y 4/1	Silt	<del>Silt</del> MS				Type 2: Silty mud — Sandy silt w/BC		
-10--				Mottled			dispersed shell fragments (throughout this section)		
-20--									
-30--	2.5Y 4/1	clay	Silt ↑ in burrows	Gradational contact Mottled	BI:2		Type 1: Nanno mud		
-40--									
-42--	2.5Y 4/1	Silt	<del>Silt</del> MS	Gradational contact	BI:3		Type 2: Silty mud	Sandy silt w/BC	
-50--				Mottled					
-60--	Undisturbed								
-70--									
-80--	2.5Y 4/1	Clay	Silt	Bioturbated contact Mottled	BI:3		Type 1: Nanno mud		
-90--									
-95--									
-100--	2.5Y 4/1	Silt	<del>Silt</del> M.S	Bioturbated contact	BI:3		Type 2: Silty mud	Sandy silt w/BC	
-110--									
-120--				Mottled					
-122--							-122 Shell fragments		
-123--							-123 ↓ burrow		
-124--							-124 		
-133--							-133 burrows 		
-140--									
-150--									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
	2.5Y 4/1	Clay	Silt ↑ in burrows	Bioturbated contact	BI:2		Type 1: Nano mud	MN	9/Dec/2011
				Mottled					
				Sharp contact					
	2.5Y 4/1	Silt	Silt MS	contact	BI:2		Type 2: Silty mud - Sandy silt w/ BC	MN	9/Dec/2011
				Mottled			shell fragments		
				Sharp contact					
	2.5Y 4/1	Clay	Silt	Sharp contact	BI:2		Type 1: Nano mud	MN	9/Dec/2011
				Mottled					
	2.5Y 4/1	Silt	Silt MS	Bioturbated contact	BI:2		Type 2: Silty mud - Sandy silt - 87 echinoid	MN	9/Dec/2011
	2.5Y 4/1	Clay	Silt	Gradational contact	BI:2		Type 1: Nano mud	MN	9/Dec/2011



Undisturbed

Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:	
			Avg.	Max.							
-- 0 --	Undisturbed							N/V	9/Dec/2011	Type 1: Nano mud (continued from 4A)	
-- 10 --											
-- 20 --											
-- 30 --											
-- 40 --	64	2.5Y 4/1	Silt	Silt MS	Bioturbated contact			N/V	9/Dec/2011	Type 2: Silty mud — Sandy Silt	
-- 50 --											
-- 60 --	Undisturbed							N/V	9/Dec/2011		
-- 70 --											
-- 80 --											
-- 90 --	90	2.5Y 4/1	Clay	Silt	Mottled sharp contact			N/V	9/Dec/2011	Type 1: Nano mud	
-- 100 --											
-- 110 --	104							N/V	9/Dec/2011	↓ shell fragment	
-- 120 --											
-- 130 --	131	2.5Y 4/1	Silt	Silt MS	Bioturbated contact			N/V	9/Dec/2011	Type 2: Silty mud Sandy Silt	
-- 140 --											
-- 143 --	143							N/V	9/Dec/2011	133 scaphopoda shell	
-- 145 --											
-- 150 --	145							N/V	9/Dec/2011	shell fragments	
-- 150 --											
											Type 1: Nano mud (details in 6A) IW sample

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

IW

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.					N IV	9/Dec/2011
--0--		2.5Y 4/1	Clay	Silt ↑ In burrows		BI:3		Type 1: Nanno mud (continued from 5A)		
--10--					Mottled					
--20--										
--30--										
33		2.5Y 4/1	Silt	Silt		BI:2		Type 2: Silty mud		
--40--										
--50--					Mottled					
--55--									55 } Shell fragments	
--58--									56 }  burrow	
--60--										
--70--										
--80--	Undisturbed									
--90--										
91.5		2.5Y 4/1	clay	silt		BI:2		Type 1: Nanno mud		
--100--					Mottled					
--110--										
112										
115									↓ burrow 	
117										
120		2.5Y 4/1	Silt	Silt		BI:3	120 SS	Type 2: Silty mud (Coarsest in this core)		
123										
127		2.5Y 4/1	Clay	Silt ↑ In burrows		BI:2	127 SS	Type 1: Nanno mud		
--130--					Mottled					
139										139 cm CaCO <sub>3</sub> - 29.5%
--140--										
140										
--150--										
										IW sample



Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
0								NN	9/Dec/2011	
0-10							Type 1: Nonno mud (confirmed from GA)			
10-20					Mottled					
20-30							Shell fragments FRAGMENTS			
30-40	Un Disturbed									
40-50										
54		2.5Y 4/1	Silt	Silt	Bioturbated contact	BI:3	-51 by burrow			
59							Type 2: Silty mud - Sandy silt			
60-150										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:



Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
								NN	9/Dec/2011
5	2.5Y 4/1	Clay	Silt	Bioturbation contact	BI:2		Type I: Nonne sand		
10							Shell fractions		
28									
30							Paleo sampling		
33									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

MAJOR LITHOLOGY:

MINOR LITHOLOGY: