

1385E-84-1

Expedition 339: Mediterranean Outflow

1385E

8H1A

43/

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: JK	Date:
		Avg.	Max.						
-- 0 --		CLAY	M. SAND foram				Major 60% greenish gray Nanno ooze w/ MUD ← MUDDY w/ slight color change		
-- 10 --	Slurry moderate	↓	↓				Minor 40% light greenish gray NANNO ooze w/ MUD w/ slight color change		
-- 20 --	Slurry moderate								
-- 25 --	25cm								
-- 30 --	Major 10Y 5/1 greenish gray				Moderate 4		- Gradational bottom contact - Thick bedded - Layering - py. burrows - scatter. py grains - zoophycos - Forams		
-- 40 --									
-- 50 --									
-- 60 --	Minor 6/1								
-- 70 --	10Y 7/1 Light greenish gray								
-- 80 --					4				
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --	Major 10Y 5/1								
-- 130 --									
-- 140 --					4				
-- 150 --				Gradational Contact					

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: JK	Date:
			Avg.	Max.						
-- 0 --			CLAY ↓	M. SAND foram ↓				Major 65% Light greenish gray NANNO OOZE W MUD w/ slight color changes due to bioturbation		
-- 10 --								Minor 35% gray (slightly reddish) NANNO OOZE W MUD ← Muddy		
-- 20 --		Minor 5YR 5/1 gray						Thick (partly medium) bedded - Layering - Bottom NOT recovered - Scatter pyrite - Py - burrows / sand-filled patches (burrows) - forams - Zoophycos		
-- 30 --										
-- 40 --		43 Major 10Y7/1 Greenish gray								
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --		131 Minor 5YR 5/1								
-- 140 --										
-- 150 --								Same down to the bottom		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: JK	Date:
		Avg.	Max.						
-- 0 --	Minor 5YR 5/1	CLAY ↓	M SAND foram ↓		←				
-- 10 --	9 Major 10Y 7/1								
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --					4				
-- 80 --									
-- 90 --	92 Minor 5YR 5/1								
-- 100 --									
-- 110 --	104 Major 10Y 7/1				)))				
-- 120 --	113 Minor 5YR 5/1				)))				
-- 130 --	123 Major 10Y 7/1								
-- 140 --									
-- 150 --	151				4				

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: JK	Date:
			Avg.	Max.						
-- 0 --		0 Minor 5YR 5/1	CLAY	M SAND		4				
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --		45 Major				4				
-- 50 --		10Y 7/1								
-- 60 --					)))					
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --						4				
-- 140 --										
-- 150 --		150								

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: JK	Date:
		Avg.	Max.						
--0--	6 Minor 5YR 5/1	CLAY ↓	M SAND foram ↓		A				
--10--	11 Major								
--20--	10Y 7/1								
--30--									
--40--									
--50--									
--60--	57 Minor 5YR 5/1				A				
--70--									
--80--									
--90--									
--100--									
--110--									
--120--									
--130--									
--140--									
--150--									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:



Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: JK	Date:
		Avg.	Max.						
-- 0 --		CLAY	M SAND						
-- 10 --	Minor HYD 5/1	↓	↓		*				
-- 20 --									
-- 30 --									
-- 40 --							CORE SUMM NANNO OOZE w MUD Sect. 1 Interbedding of 1) Thick bedded greenish gray NANNO OOZE w MUD ← MUDDY NO. 2) Thick bedded greenish gray NANNO OOZE w MUD Light w/ slight color changes due to bioturbation		
-- 50 --							Sect 2 to bottom Interbedding of 1) Thick light greenish gray nanno ooze w mud 2) Thick to medium bedded gray (slightly reddish) ← MUDDY NANNO OOZE w MUD w/ slight color change due to bioturbation		
-- 60 --							Contacts: Gradational / bioturbated Bioturbation: Moderate		
-- 70 --							Sediments are slightly reddish (in particular, darker layers) below Sect. 2. - py, burrows / sand-filled patches - scatter py grains - Forams visible burrows		
-- 80 --									
-- 90 --									
-- 100 --							Top 25 cm disturbed		
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY: