

Expedition 339: Mediterranean Outflow

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					RDF	11/27/11
0--	3	Clay	m sand forams				0-151:		
sl. dist	5G4 4/1	↓	↓				Major Lithology: 60%		
10--		all	all				greenish gray clay with color alteration due to bioturbation		
20--	19						Minor lithology: 40%		
dist.	24						dk greenish gray clay with color alteration due to bioturbation		
30--							Interbedded, medium bedded, bioturbated contacts		
40--	5G4 4/1						Disturbed bottom contact		
50--				PB					
60--	10Y 5/1			PB					
70--							SS 70 cm Nanno ooze with clay		
80--									
90--									
100--	5G4 5/1			PB					
110--									
120--	5G4 4/1								
130--									
140--									
150--									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

151



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		Avg.	Max.						
	10Y 5/1	Clay	m sand forams		3		(cont from H2) greenish gray biot. clay		
		↓ all	↓ all						
							19 19-151		
	10Y 4/1				3		Major lithology: 80% dk greenish gray biot clay w/ color variation due to biot.		
							Minor lithology 20% greenish gray clay w/color variation due to biot.		
				PB			interbedded medium beds		
				PB			bioturbated contacts		
						SS	70 cm: Nanno ooze with clay		
gas expansion	10Y 5/1				4				
				PB					
	10Y 4/1				4				
				114% ptempod					
				PB					
	10Y 4/1				4				

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			Avg.	Max.					nana-f.	11/27/11
--0--			clay	fms (forams)				0-156. Continues from above.		
--10--						3		Slightly bioturbated. dark gray clay. Scattered. Pyrite grains.		
--20--								64-68, 82-86, greenish. colour banding		
--30--										
--40--										
--50--										
--60--		lof 5/1								
--70--						3		SS 70 cm: Muddy nanno ooze		
--80--	Undisturbed.									
--90--										
--100--										
--110--										
--120--										
--130--						3				
--140--										
--150--										

gas extensions occurred through the section.

Undisturbed.

• 78-79. pyrite pipe. (d=5mm)

• q1 white sand patch. d=3mm.

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156cm

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Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.					RDF	'/27/11
0		5GY 4/1	clay	m sand forams	plastic?	4		0-79 dk greenish gray clay w/ alternating colors due to bioturbation		
10			all	all						
20										
30										
40		5GY 4/1								
50										
60							SS	62 cm: Muddy nanno ooze		
70						4				
80	gas expansion	5GY 4/1						79 biot. / gradual contact		
90	gas	10Y5/1						79-119 greenish gray clay w/ color variations due to bioturbation. comment: (internal somewhat lighter color at bottom 5GY 5/1		
100						4				
110										
120		5GY 5/1						119 biot. contact next section		
126		5GY 4/1				4		dk greenish gray clay w/ color alteration due to bioturbation		
130								126 end section		
140										
150										

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		Avg.	Max.						
-- 0 --	1064 4/1	Clay	fine sand fragments		4		continues: dk greenish gray clay w/ alternating colors due to bioturbation		
-- 10 --	Slight Dist	↓ all	↓ all				↓		
-- 20 --	Void						21		
	26								
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY: