

Expedition 339: Mediterranean Outflow

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 25/12/11
		Avg.	Max.						
-- 0 --									
	2.54								
-- 10 --	4/Δ								
	↓	clay	m.s.		Σ ↓		brownish ① <u>N/D</u>		
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --							119: shell frags		
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 25/12/11
		Avg.	Max.						
-- 0 --									
	2.54								
-- 10 --	4/12 ↓	clay	w.s.		3 ↓				
-- 20 --							brownish ① <u>NUD</u>		
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
				grad. contact					
-- 70 --									
-- 80 --									
-- 90 --									
		clay	w.s.				② <u>SILTY NUD</u> small shell frags and micas!		
-- 100 --									
-- 110 --						SS - 111 cm	Calcareous - Silty Mud		
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 25/12/11
		Avg.	Max.						
-- 0 --	2.54								
	4/2	clay	m.s.		3		brownish / reddish (2) SILTY MUD small shell frags all along the section		
-- 10 --				color grad. contact	↓				
-- 20 --	grey 194 4/2						16		
							25/26	black diffuse layer	
-- 30 --		silt	m.s.	mottled			29	SANDY MUD	
-- 40 --									
-- 50 --				grad. contact			49		
		clay	m.s.	mottled				(2) SILTY MUD	
-- 60 --				biot. contact			60		
							65	shell frags	
							67	shell frags	
-- 70 --							68	shell frags and mud-filled burrow	
							72		
-- 80 --							81	bivalve shell (Pectinid-like)	
		silt	m.s.	mottled				SANDY MUD	
-- 90 --									
-- 100 --									
-- 110 --							109		
							113 cm	shell fragment	
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					ED	25/12/11
-- 0 --									
-- 10 --	CLAY				3				
	10Y	silt	m.s.	mottled	↓		15 shell frags		
	4/2								
-- 20 --	↓						<u>SANDY MUD</u> small shell frags		
-- 30 --	↓								
							33 large shell frags (echinoderm?)	SS Calcareous silty sandy mud	
							34 SS		
-- 40 --							37		
							38		
-- 50 --							49 scallop frag		
				grad. contact			53		
-- 60 --									
-- 70 --							71 echinoderm shell frag		
-- 80 --									
-- 90 --		clay	m.s.	mottled			(2) <u>SILTY MUD</u> small shell frags		
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

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MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 25/12/11
		Avg.	Max.						
-- 0 --									
	CLAY								
-- 10 --	10Y 4/2	clay	m. s.		3 ↓		② SILTY mud small shell frags		
-- 20 --									
-- 30 --				grad. contact					
-- 40 --									
-- 50 --		clay	m. s.				① mud		
	grad sh contact ↓						more reddish / brownish		
-- 60 --									
-- 70 --	2.5Y 4/2								
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

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MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 25/12/11
		Avg.	Max.						
-- 0 --									
-- 10 --	2.54 4/12	clay	in. s.		3 ↓		① <u>NUD</u>	reddish ↓	
-- 20 --									
-- 30 --							26 shell frags		
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --	very grad. color contact ↓					66 88	66 shell frags	SS Calcareous Mud greenish gray ↓	
-- 80 --									
-- 90 --	CLEM1 104 4/12								
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:



	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 25/12/11
			Avg.	Max.						
-- 0 --		QLE41 104								
-- 10 --		4/2 ↓	clay	m.s.		3 ↓		⊕ QUD -14: crack		
-- 20 --								very few shell frags		
-- 30 --								-31/32: crack + void		
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

339-U1389C-6H-CC-A



Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					ED	25/12/11
-- 0 --									
	grey								
-- 10 --	10Y 4/2 ↓	clay	m.s.		3 ↓		⊕ NUD		
-- 20 --							16 - a little bit more silty 19 -		
-- 30 --							very few small shell frags		
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

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