

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					MBSM	29/08/2011
-- 0 --	10Y 5/1	clay	M.S.		3		① MUD		
-- 10 --							-13 horizontal black-colored burrow		
-- 20 --									
-- 30 --									
-- 40 --	10Y 4/1						-38 ↓ more dark		
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --							-89 horizontal black-colored burrow		
-- 100 --									
-- 110 --							-114 shell fragment		
-- 120 --							-117 shell fragment		
-- 130 --							-124-127cm: black colored ring (?)		
-- 140 --									
-- 150 --									

undisturbance

38

38



more dark

MI

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					MDSM	29/DEC/2011
-- 0 --							① MUD		
	10Y 4/1	clay	M.S.		3				
-- 10 --									
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
	undisturbance								
-- 80 --				grad. c					
	10Y 4/1	silt	M.S.		3		② SILTY MUD		
-- 90 --				grad. c					
	10Y 4/1	silt	M.S.	bio. c	3		④ SANDY MUD		
									small shell fragments
	10Y 4/1	silt	M.S.		3		② SILTY MUD		
-- 100 --									? bioturbation
-- 110 --									
-- 120 --				bio. c					
	10Y 4/1	silt	M.S.	bio. c	3(B)		④ SANDY MUD		
	10Y 4/1	silt	M.S.						
-- 130 --					3		② SILTY MUD		
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: MPSM	Date: 29/FEB/2011
		Avg.	Max.						
-0-	10Y 4/1	silt	M.S.				② SILTY MUD		
-10-					3				
-20-									
-28-				Grad.C					
-30-	10Y 4/1	silt	M.S.				④ SANDY MUD		
-40-									
-50-									
-57-							otolith $\phi 0.2$ mm		
-60-									
-70-									
-80-									
-90-									
-100-									
-108-	10Y 4/1	s.s.	M.S.	?		SS 110	Sandy Mud w/ Bio Carb		
-110-							③ SILTY SAND		
-119-	10Y 4/1	silt	M.S.	?			④ SANDY MUD		
-130-									
-140-									
-150-									



MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
	10Y 4/1	silt	M.S		3		④ SANDY MUD	max	29/DEC/2011
				?					
	Flow in	silt	M.S		3		④ SANDY MUD ② OR SILTY MUD		
	occ. flow in						highly disturbance, but may be		
		silt	M.S	?	3		④ SANDY MUD		
				Grad.C					
	10Y 4/1	silt	M.S		3		② SILTY MUD		
							12-123. shell fragments		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
	10Y 4/1	silt	M.S		3		② SILTY MUD	MPM	29/12/2011
-- 0 --									
-- 10 --									
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: MPM	Date: 29/Dec/2011
			Avg.	Max.						
-- 0 --								SAA		
-- 10 --										
-- 20 --					Grad. C					
-- 22 --		10Y 4/1	clay	M.S		3		22		
-- 30 --								⊙ M.D		
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 102 --								102		
-- 110 --								more muddy		
-- 113 --								113		
-- 120 --								py. burrows φ 0.5 mm		
-- 120 --								120		
-- 130 --										
-- 130 --										
-- 140 --										
-- 150 --										

slightly disturbance  
Cracks

102  
↓  
more muddy  
113  
py. burrows φ 0.5 mm  
120

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --		10Y 4/1						① MUD	APSM	29/DEC/2011
-- 10 --			clay	M.S.		3				
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

but, cracks)  
undisturbance

SS  
63

- 54 pm. burrow φ 0.4 mm

Calcareous Mud

MAJOR LITHOLOGY:

MINOR LITHOLOGY:



	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:	
			Avg.	Max.							
-- 0 --	biscuit							SAA	mpm	29 Dec 2011	
-- 10 --											py. burrows 7 6
-- 20 --											
-- 30 --											
-- 40 --											
-- 50 --											
-- 60 --											
-- 70 --											
-- 80 --											
-- 90 --											
-- 100 --											
-- 110 --											
-- 120 --											
-- 130 --											
-- 140 --											
-- 150 --											

MAJOR LITHOLOGY:

MINOR LITHOLOGY: