

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:	
		Avg.	Max.							
	10GY5/1	Clay	M.S.	Massive			Mud Nanno mud	Masm	9/DEC/2011	
--0--	Biscuit									
--10--										
--20--		crack						17 20 crack (gas expansion?)		
--25--							shell fragments			
--30--										
--40--										
--46--							shell fragments			
--50--										
--60--	Biscuit				3					
--70--										
--76--		10Y5/1	Clay	M.S.	Grad. CA	3		76 SILTY MUD w/ Biogenic Carb.		
--84--					Grad. c			84 SANDY SILT w/ biogenic Carb. mottled.		normal grading
--90--	10Y5/1	Silt	M-S		3					
--94--				Grad. c			94			
--100--	10Y5/1	Very Fine Sand	C.S.	Massive			VERY FINE SAND w/ biogenic Carbonate mottled			
--110--					4					
--120--										
--130--										
--140--				Partly inverse						
--150--										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

(Continued)

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
--0--	10Y5/1							gasr	9/DEC/2011
--10--		clay	M.S.	inverse grading	3		mottled		
				Grad. C					
--20--	10Y5/1	clay	M.S.	massive	3		silty mud w/ biogenic carbonate		
--30--									
--40--									
--50--									
--60--									
		V.F.S.		G. C. massive	3	63	VERY FINE SAND w/ biog. carb.		
		Clay		G. C. massive		64	MUD <i>Nanno mud</i>		
		V.F.S.		G. C. massive		65	VERY FINE SAND w/ B.C.		
		Clay		G. C. massive		66	MUD <i>Nanno Mud</i>		
--70--		V.F.S.		massive B.C.		69	VERY FINE SAND w/ B.C.		
						74			
						75-76	pyritized burrows		
--80--				massive			SILTY MUD w/ b.c.		
--90--									
--100--									
				Grad. c					
--110--									
--120--									
--130--									
--140--									
--150--	148 10YR4/1								

These layers are important!

Biscuit

Conduites

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --		10YR4/1	Clay	M.S.	massive	2			Masm	9/28/20
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

Bisquit

change
↓
10YR4/2

SS 125 cm Nonno mud mottled

IW

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
-- 0 --	10YR4/2	Clay	M.S.	massive	3		Mud	Masm	9/DEC/2011
-- 10 --									
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --		Clay	M.S.	Grad. c normal grading	3		89 SILTY MUD w/ b.c.		
-- 100 --	10Y4/1			massive					
-- 110 --				Grad. c ↑ normal grading					
-- 116 --		Silt	M.S.		3		116 SANDY SILT w/ b.c. Mottled		
-- 120 --				Bio. C			120		
-- 120 --		V.F.S.	M.S.		3		VERY FINE SAND w/ b.c. Mottled		
-- 130 --				massive erosional c. Irregular c. Bio. C.					
-- 138 --					SS		138 cm: Nanno mud		
-- 140 --		Clay	M.S.	massive	3		Mud nanno mud		
-- 150 --									

T.D.?

MB10

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
	10Y5/1	clay	M.S.				MUD	gsm	2/22/2011
				massive			15-17 sand-filled burrow		
							21 shell fragments		
							Nanno mud		
				Bio. c massive B.c			44 SILTY MUD w/ bc		
		very fine sand	F.S.	massive B.c			46 SILTY SAND w/ bc		
		clay	M.S.	massive B.c			50 SILTY MUD w/ b.c.		
		silt	F.S.	massive B.c			52 SANDY SILT w/ b.c.		
		Very fine sand	M.S.	massive			58 VERY FINE SAND w/ b.c.		
				Irregular c			70 MUD		
		clay	M.S.	massive			SS 78 cm: Nanno mud CaCO ₃ 30.0%		
							82 echinoderm spine		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

V1387A

8XCC

1277

08/01/2011 10:00 AM



Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
-- 0 --							S.A.A.	YPSU	9/25/2011
-- 10 --	10YR4/1	Clay	M.S.	Grad. C massive	3		SILTY MUD w/ b.c.		
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY: