

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
	10Y5/1	silt	M.S.	massive Bio.C.	3		SILTY MUD	MASU	9/DEC/2011
		clay	M.S.	massive Bio.C.	3		CLAY		
		silt	M.S.	massive Bio.C.	3		SILTY MUD		
							CLAY		
		clay	M.S.	massive	3				
				Grad.C					
		silt	M.S.	normal grading	3		SILTY MUD		
				Grad.C					
		V.F.S.	M.S.	massive	3		SILTY SAND		
							pyritized sand-filled burrows		

SSFAAS

Small Shell Fragments All Along the Section

undisturbance

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: MASU	Date: 9/DEC/21
		Avg.	Max.						
-- 0 --							S.A.A. SSFAAS		
				Grad. C			6		
-- 10 --	10Y4/1	Silt	M.S.	Inversely grading	3				
									Scattered plant frags ϕ 1 cm
-- 20 --									
									28
-- 30 --				Grad. C					22
		clay	M.S.	massive	3				31
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --				Grad. C					139-138 shell fragments
		V.F.S.	M.S.	massive	3				143
-- 150 --									SILTY SAND

undisturbance

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
	10Y4/1	VFS	M.S.	massive	3		SILTY SAND SSFAAS	MAM	9/DEC/2011
				G.C.					
		clay	M.S.				SILTY MUD		
				massive					
				G.C.					
		CLAY	M.S.				CLAY MUD		
				massive					
				G.C.					
		silt	M.S.	massive			SANDY SILT		

undisturbance

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: MASU	Date: 9/DEC/2011
		Avg.	Max.						
--0--	10YR4/1						S.A.A.		
--10--				Grad. C.					
--20--		Clay	M.S.	massive	3		15 SILTY MUD		
--30--				Grad. C.					
--40--		Silt	M.S.	massive	4	FOSS	31 SANDY SILT. Silty mud w/Bio Carb		
--50--				↑ Grad. C.					
--60--	10Y4/1	V.F.S.	C.S.	Normal g.	4		56 VERY FINE SAND → hear after "Silty sand"		
--70--							mottled		
--80--									
--90--				Inverse g.					
--100--				Grad. C.					
--110--		Silt	M.S.	massive	4		101 SANDY SILT		
--120--				Bio. C.					
--130--		Very fine sand	M.S.	massive	3		121 VERY FINE SAND SILTY SAND		
--140--		Silt	M.S.	massive	3		139 SANDY SILT		
--150--									

undisturbance

Bigradation. G.

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
-- 0 --	10Y4/1						S.A.A	MPSM	9/DEC/2011
-- 10 --							SSFAAS		
-- 20 --				Grad.C.					
		V.F.S.	C.S.			3	20 VERY FINE SAND Silty sand		
-- 30 --				Grad.C.					
		clay	M.S.	Sharp.C.		2	39 35 CLAY		
-- 40 --		F.S.	M.C.S.			2	PINE SAND		
-- 50 --				Bio. 49.					
				Bio.C		4			
-- 60 --		Silt	M.S.				54 SANDY SILT mottled.		
-- 70 --	undisturbance					4			
				Bio.C					
-- 80 --		clay	M.S.				75 SILTY MUD		
-- 90 --						3	83 84 pyritized sand-filled burrow		
-- 100 --				Bio.C					
		Very fine sand.	M.S.	Massive		2	100 Silty sand		
-- 110 --				Bio.C					
				Bio.C					
-- 120 --		clay	M.S.	Massive			116 SILTY MUD		
-- 130 --						3			
				sharp.C					
-- 140 --		clay	M.S.	Massive			CLAY		
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: MASM	Date: 9/DEC/2011
			Avg.	Max.						
-- 0 --								0-137.		
-- 10 --								clay slightly bioturbated.		
-- 20 --								scatter pyrite grains.		
-- 30 --										
-- 40 --		10X 5/1	clay	msd foram						
-- 50 --										
-- 60 --						3				
-- 70 --	undisturbance									
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --								12755 Nanno Mud (XRD-CARB) CaCO3 27.6%		
137										
-- 140 --							IW			
142										
-- 150 --										

IW

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

U1387A

3H7A

127

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --								0-57. Sonas 6A.	YPSU	9/DEC/2011
-- 10 --								Clay Slightly bioturbated. Scattered pyrite grains.		
-- 20 --										
-- 30 --	undisturbance	10Y 5/1		clay in sd (fossil)		3				
-- 40 --										
-- 50 --										
57.5										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

U1387A

3HCC

12-8

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
-- 0 --							0-28 same as 7A	NAM	9/DEC/201
-- 10 --	10Y 5/1 undisturbance	clay	msd (loam)		3				
-- 20 --									
-- 28 --									
-- 30 --						PAL			
-- 35 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									



MAJOR LITHOLOGY:

MINOR LITHOLOGY: