

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 11/12/11
		Avg.	Max.						
--0--	10YR 4/2	clay	m.s.		3		② SILTY MUD		
--10--	↓	silt	m.s.	biot. contact mottled	↓		③ SANDY SILT mottled shell frags		onlowite
--20--									
--30--		clay	m.s.	biot. contact			② SILTY MUD		
--40--				grad. contact			inclined sandy layer		
--50--		clay	m.s.				① NANNO MUD		
--60--									
--70--							pyritized burrow		
--80--									
--90--							shell frags		
--100--									
--110--									
--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	11/12/11
-- 0 --	10YR 4/1				3				
-- 10 --	↓	clay	m.s.		↓				
-- 20 --							① NANNO MUD		
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --				grad. contact			69		
		clay	m.s.						
-- 80 --				bioturb. contact			78		
									78-80: many black specks (monosulfide)
-- 90 --									
-- 100 --				normal grading					
		silt	m.s.						
-- 110 --									
									③ SILTY SAND with normal grading (85-112 cm → a lot of water)
-- 120 --									117 large shell fragments
-- 130 --				erosional contact					
-- 140 --		clay	m.s.						
									① NANNO MUD many sand-filled burrows
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

U1387A
4H-5
Turbidite
(~31m)
CSFA

Turbidite

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					ED	11/12/11
-- 0 --	10YR 4/1						0-7 cm: cm-scale vertical burrows filled with silt		
-- 10 --	↓	clay	m.s.		3 ↓		① NANNO TUD		
-- 20 --							20-22: sand-filled burrow		
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 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	11/12/11
-- 0 --	10YR 4/2				3 ↓				
-- 10 --									
-- 20 --									
-- 30 --		clay	med. sand.				① NANNO TUD		
-- 40 --									
-- 50 --							-52-53: pyrite grains (x2)		
-- 60 --							-63: shell frags		
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --	10YR 4/2	clay	m.s.	grad. contact			95		
-- 110 --	10YR 4/2	silt	m.s.	biot. contact			107		
-- 120 --				normal grady?				greenish sand: 10Y 4/2	
-- 130 --								③ SILTY SAND	
-- 140 --	10YR 4/2	clay	m.s.	sharp contact			135	normal grady? → bioturbations	turbidite?
-- 150 --								① NANNO TUD	
								with many sand-filled and large burrows.	

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

4H 5A

153

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
undisturb.	10YR4/1	clay	M.S.	massive	3		① mud	man	11/DEC/2011
				Grad. C					
	10YR4/1	clay	M.S.	massive	3		② SILTY MUD - 23 sand-filled burrow ϕ 0.8cm		
				Grad. C					
	10YR4/1	clay	M.S.	massive	3		① MUD - 34 scaphopod.		
				Grad. C					
	10YR4/1	clay	M.S.	massive	3		② SILTY MUD - 82 burrow L=3cm		
				Grad. C					
	10YR4/1	Very fine sand silt	M.S.		3	90 ↑ minimal grading	③ SILTY SAND		
				Bio. C	117				
	10YR4/1	clay	M.S.		3		② SILTY MUD		
				Grad. C	massive				
10YR4/1	very fine sand silt	M.S.	massive	3		③ SILTY SAND mottled burrows			
			Bio. C						
10YR4/1	clay	M.S.	massive	3		② SILTY MUD			

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

AH6A

1544

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --									man	11 / DEC / 2011
		10YR 4/1						S.A.A.		
-- 10 --					grad	3				
-- 15 --										
-- 20 --			clay	M.S.				① mud		
-- 30 --					massive					
-- 40 --										
-- 50 --										
-- 60 --					grad					
-- 65 --								② SILTY MUD		
-- 70 --			clay	M.S.						
-- 80 --	undisturb.				massive					
-- 90 --										
-- 96 --					grad					
-- 99 --			clay	M.S.	massive			① mud		
-- 100 --					grad					
-- 110 --								② SILTY MUD		
-- 110 --			clay	M.S.				Scaphopod		
-- 120 --										
-- 130 --					massive					
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

477A

45

122-1012-00-00
10/1/2000
10/1/2000



	Drilling disturb.	Color	Grain-size		Sed. / struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --		10YR4/1	clay	ms.				S.S.D.	yan	
-- 10 --										
-- 20 --					massive	3				
-- 30 --	undisturbed									
-- 40 --					Grad					
-- 40 --		10YR4/1	clay	ms.	massive	3		38 ① mud		
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

U1387B

4H CC

546



	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --								S.A.D.		
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY: