

U1386A-11H-1A

Expedition 339: Mediterranean Outflow

U1386 A

11H1A

582

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.					ED	01/12/11
-- 0 --										
	*					2		*5-18 cm: liner recovery problem - 3 (1) (not really drilling disturbance)		
-- 10 --	moderate	5Y 4/2				↓		(2) CALC. SILTY MUD mottled		
-- 20 --								- 21 shell fragment		
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --								- 62, sand-filled burrow - 65		
-- 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	01/12/11
--0--	5Y 4/2				2 ↓		② CALC. SILTY MUD with shell frags mottled		
--10--				gradat. contact					
--20--				massive			① NANNO MUD		
--30--							-32 shell frags		
--40--							-38 shell frags - filled burrow		
--50--									
--60--									
--70--									
--80--									
--90--									
--100--									
--110--									
--120--									
--130--									
--140--									
--150--									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 01/12/11
			Avg.	Max.						
-- 0 --		54 412				2 ↓		① NANNO MUD		
-- 10 --								- shell frags - sand-filled burrows		
-- 20 --										
-- 30 --								31 shell frags		
-- 32 --								} crack due to recovery pb		
-- 40 --										
-- 47 --										
-- 50 --										
-- 60 --										
-- 70 --					gradat. contact			70	② CALC. SILTY MUD mottled	
-- 80 --										
-- 90 --								92) crack		
-- 95 --										
-- 100 --										
-- 105 --					bioturb. contact massive			105	① NANNO MUD	
-- 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	01/12/11
-- 0 --		S4 light				2 ↓		① NANNO NUD micrite		
-- 10 --										
-- 20 --										
-- 30 --								30 shell frags		
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --								85 crack 88 90 shell frags		
-- 100 --								95 crack 98		
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 01/12/11
			Avg.	Max.						
-- 0 --		54				2				
-- 10 --		4/1						-13 otolith		
-- 20 --					maxile			① NANNO MUD		
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --								-107 shell fragment		
-- 120 --										
-- 123 --					gradat. contact			-123		
-- 130 --								② CALC. SILTY MUD shell fragments		
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.					ED	01/12/11
-- 0 --		54				2		(2) CALC. SILTY MUD mottled		
-- 10 --		4/2				6				
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 55 --					gradat. contact			55		
-- 60 --					massive			58) gastropod shell (6mm) 59) ① NAMMO MUD		
-- 65 --								63 shell fragment		
-- 70 --										
-- 74 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

(destroyed)

FLOW-IN

IN

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 01/12/11
			Avg.	Max.						
-- 0 --		54 4/2				2 6				
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 54 --										
-- 60 --					mosaic			① NANNO TUB with slab frags		
-- 64 --								64 crack sand-filled burrows		
-- 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: ED	Date: 01/12/11
			Avg.	Max.						
-- 0 --		SY			massive	Z		① NANNO MUD		
	?	4/2				↓		shell frags		
-- 10 --										
-- 20 --										
-- 30 --								<u>CORE SUMMARY</u>		
								NANNO MUD & CALC. SILTY MUD		
-- 40 --								Background: dark gray M ⁿ		
								alternating with dark gray mottled		
								CSN.		
								Important disturbance (fouling)		
-- 50 --								in sections 6 and 7.		
								gradational & bioturbated contacts		
-- 60 --								- abundant shell frags		
								- sand-filled burrows		
								shell frags		
								- 1 otolith (Section 5, 12 cm)		
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY: