

Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
--0--										
--10--	SEVERE	10Y 6/1	CLAY	MEDIUM SAND		3			ED	28/11/11
--20--					massive			major ↓ <u>MAJOR LITHOLOGY</u> 10Y 6/1 GREENISH GRAY Bioturbation 3 (slightly) Medium bedded 80% sulfur specks increasing to the end of the section		
--40--		42 5Y 5/1 GRAY			bioturb. contact massive			minor ↓ <u>MINOR LITHOLOGY</u> 5Y 5/1 GRAY Bioturbation		
--60--		56			bioturb. contact			major ↓		
--80--		10Y 6/1			massive			Bioturbation; burrows? many conduits		
--150--								continue to the next section		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 28/IV/11
		Avg.	Max.						
-- 0 --							major ↓ 0-143cm MAJOR LITHOLOGY		
-- 10 --		CLAY	MEDIUM SAND		3		104 6/1 GREENISH GRAY Bioturbation 3 (slightly) Medium bedded 80% monosulfur specks		
-- 20 --									
-- 30 --	104 6/1			massive			MINOR LITHOLOGY 54 5/1 GRAY Bioturbation 3		
-- 40 --							bioturbation; large burrows? Zoophytes Chondrites		
-- 50 --							- 52 cm: pyritised burrow		
-- 60 --									
-- 70 --	68 54 5/1			bioturb. contact			- minor ↓		
	74			bioturb. contact			- major ↓		
-- 80 --	104 6/1			massive					
-- 90 --									
-- 100 --	98 54 5/1			bioturb. contact			- minor ↓		
	104			bioturb. contact			- major ↓		
	104 5/1 108			bioturb. contact			- minor ↓		
-- 110 --							- 114 cm: pyritised burrow		
-- 120 --	54 4/1 DARK GRAY			massive					
-- 130 --	122			bioturb. contact			- major ↓		
-- 140 --	104 6/1			massive					
-- 150 --	163 54 5/1	CLAY	MEDIUM SAND	bioturb. contact	3		143 - end of section: new interval 54 5/1 GRAY Bioturb. 3 continue to the next section		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.					ED	28/11/11
-- 0 --										
-- 10 --								Same lithology all along the section and continues to the next section		
-- 20 --								54 S/L GRAY Bioturbation 3 (slightly) Large burrows monosulfur specks		
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --		54 S/L GRAY	CLAY	MEDIUM SAND	massive	3				
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

- 34-35cm; pyritised burrow

- 104cm: pyrite

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

1385B

U 85

7174

1-4

Expedition 339: Mediterranean Outflow

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 28/11/11
		Avg.	Max.						
-- 0 --									
-- 10 --	SY S/L GRAY	CLAY	MEDIUM SAND	massive	3		0-29 cm: Same lithology than on previous section		
-- 20 --									
-- 30 --				gradational contact			29 - end of section; new interval.		
-- 40 --							10 Y 6/1 Greenish gray Bioturbation 3 (slightly) large burrows		
-- 50 --									
-- 60 --									
-- 70 --							67-69 cm: gastropod shell fragment 1 cm sized		
-- 80 --	10 Y 6/1	CLAY	MEDIUM SAND	massive	3				
-- 90 --	GREENISH GRAY								
-- 100 --							95 cm: pyrite		
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --							continue to next section		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: yasu.	Date: 28 Nov. 2011
		Avg.	Max.						
-- 0 --	10Y 6/1 Greenish gray	Clay	Medium sand		BI: 3 slightly		Major Lithology: 10Y 6/1 Greenish clay Bioturbation intensity 3 (slightly) Medium bedded 80% sulfur specks are common		
-- 10 --									
-- 20 --									
-- 30 --	10Y 5/1 Greenish grey	Clay	Medium sand	Bioturbated contact	BI: 3		----- 26 Minor Lithology:		
-- 40 --									
-- 50 --	10Y 7/1 Light greenish grey	Clay	Medium sand	Bioturbated contact	BI: 3		----- 51 Major Lithology		
-- 60 --									contorted layer(?)
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --	10Y 5/1 Greenish grey	Clay	Medium sand	Bioturbated contact	BI: 3		--- 109 Minor lithology		
-- 120 --									
-- 130 --	10Y 6/1 Greenish grey	Clay		Bioturbated contact	BI: 3		--- 130 Minor lithology		
-- 140 --				Bioturbated contact	BI: 3		----- 135 Major lithology 10Y 6/1 Greenish clay Bioturbation intensity 3 (slightly) Medium bedded. Sulfur specks are common		
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 28/11/11
			Avg.	Max.						
--0--		10Y 5/1						minor ↓		
--10--		10Y 6/1	CLAY	MEDIUM SAND		3		major ↓ 15-20 cm: evidence of dipping interval minor ↓		
--20--		10Y 5/1								
--30--		10Y 6/1						major ↓	MAJOR LITHOLOGY: 10Y 6/1 Bioturbation 3 Medium bedded 60%	
--40--		10Y 6/1								
--50--									MINOR LITHOLOGY: 10Y 5/1 Bioturbation 3	
--60--										
--70--		10Y 5/1			sharp contact			minor ↓ 68-83 cm: evidence of contorted interval between major and minor lithologies		
--80--		10Y 5/1						minor ↓ major ↓ minor ↓		
--90--		10Y 5/1			sharp contact			major ↓		
--100--									58-59 cm: pyrite	
--110--		10Y 6/1							Bioturbation: Chondrite and large burrows Zoophycos	
--120--										
--130--		10Y 5/1			bioturb. contact			minor ↓		
--140--		10Y 5/1								
--150--									145-160 cm CaCO ₃ 30%	

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

IW



	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
--0--		10Y 5/2	clay	fine sand (foram)	bioturbated	3			nanaf	1/27/27
--10--	Undisturbed. but gas extensive		↓	↓				major lithology: 0-4. 10Y 5/2 clay slightly bioturbated. Scattered pyrite grains.		
--20--			all	all.						
--30--		5Y 5/1				3		major lithology: 4-55. 5Y 5/1 clay slightly bioturbated. Scattered pyrite grains.		
--40--										
--50--										
55										
--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: hanna f.	Date:
			Avg.	Max.						
-- 0 --			clay	fine & (forams)				0-146 major lithology: 5Y 5/1 clay, slightly bioturbated. Scattered pyrite grains.		
-- 10 --			↓	↓						
-- 20 --	undisturbed	5Y 5/1				3				
-- 30 --										
-- 40 --										
146										
51-50							PAL			
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

PAL

PAL

MAJOR LITHOLOGY:

MINOR LITHOLOGY: