

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --	dist. soft	5y			Mudstone	31 1	②		CRZ	3/12/11
-- 10 --		4/1								
16										
-- 20 --		5y			Mudstone	31 2	①			
25		4/1								
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
117										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

contact: irregular

-25: shell fragments

- Broken shell - broken

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

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			Avg.	Max.						
--0--		5y 4/1			massive	BZ=2		(1) shell fragments present	CR	3/12/11
--10--										
--20--										
--30--										
--40--										
--50--										
--60--										
--70--										
--80--										
84								-84: shell fragment		
--90--										
--100--										
--110--										
--120--		5y 4/1			massive	BZ=2		contact: gradabasal (2) shell fragments were abundant than above		
--130--										
--140--								-140: shell frag.		
143		5y 4/1			massive	BZ=2		(1)		
--150--										

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			Avg.	Max.						
--0--	Cores ↓	5y 4/1			Laminar ↓	B2 =2	①		CR	3/12/11
--10--										
--20--										
--30--										
--40--										
--50--										
--60--										
--70--										
--80--										
--90--										
95								contact: nodular		
--100--		5y 4/1			Laminar	B1 =2		② -98: sea urchin spicule		
108								-108 sea urchin spicule		Shell fragments ↑
--110--								-113 sea urchin spicule		
113								-117 sea urchin spicule		
117								-117 sea urchin spicule		
--120--										
--130--								contact: irregular		
132					Laminar	B2 =2		①		
--140--		5y 4/1								
--150--										

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Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
0		5y 417								
10	und.				irreg ↓	B1 = 2		(1) Same as above	CR	31/12/11
15								(2) contact: gradational		
20	und.							shell fragments - 24 black spots - 23 black spots		
45								contact: irregular		
50	und.							(1)		
72								contact: irregular		
82						82 SS		shell fragments		
92						92				fine-grained downwards ↓
104						104 SS				
105						105		sea urchin spicules		
110						110				contact: gradational ↓
120								(1)		

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			Avg.	Max.						
--0--		5y								
	und	411			manip	31			(12)	3/12/11
--10--	↓	↓			↓	-2				
--20--										
--30--										
34								contact: gradational		
								- black spots	(2)	
--40--								Shell fragments		
								41 black spot		
--50--										
--60--										
61								contact: irregular		
									(1)	
--70--										
--75--										
78								- 78 shell fragment		
--80--										
--90--										
--100--										
--110--										
--120--										
--130--										
--140--										
--150--										

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	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --	Cncd. ↓	5y 411			Mudstone	BZ =2	① ↓		C12	3/12/11
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

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	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --	und	5y 411			Mud	B7 = 2		①	CR	3/12/11
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
67										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

-64: black shot

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			Avg.	Max.						
--0--	und.	5y 4/1			mainly	B1 =2		① few shell fragments	CR	3/12/11
--10--										
16										
--20--										
--30--										
--40--										
48										
--50--										
--60--										
--70--										
--80--										
--90--										
--100--										
--110--										
--120--										
--130--										
--140--										
--150--										



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