

Expedition 339: Mediterranean Outflow

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: CRZ	Date: 3/12/11
		Avg.	Max.						
0	5y 4/1			fine like	B1 =2		① Shell fragments		
10									↓ water downwards
19									
20							-19: shell fragments		
29							contact: gradational		
30	6LEy1 10y 4/1			fine like	B2:2		② Shell fragments more abundant than above		
40							-41: black spot (brown?)		
46							contact: irregular		
50	5y 4/1			massive	B1 =2		① few shell fragments		
60									
70									
80									
90									
100									
103							-103 gastropoda shell (small)		
110									
120									
130									
140									
150									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

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			Avg.	Max.						
--0--		5y 411			medium	31 =2		① ----- Shell fragments ↓		
--10--	und									
--20--										
24										
28	und									
--30--										
--40--	und									
--50--										
--60--										
65										
--70--										
--80--										
--90--										
--100--										
--110--										
111										
--120--										
--130--										
--140--										
--150--										

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			Avg.	Max.						
-- 0 --		GLS 1 109			laminar	B1 = 2		(1) Shell fragments		
-- 10 --	used ↓	4/1								
-- 20 --										
-- 30 --										
36 -								-36 shell fragments		
-- 40 --										
46 -								-46 shell fragment		
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
113 -								-Py burrow		
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

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			Avg.	Max.						
-- 0 --									(12)	3/12/11
-- 10 --								(1) Same as above		
-- 20 --										
-- 30 --								contact: gradational		
31		GLE 7/1 10y 4/1			massive ↓	B1 =2		(2) shell frag.		
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										(*) below shells frag. "Laje"
-- 110 --										
116								114 → shell fragments "Laje" 116 → contact: irregular (*) to gradational		
-- 120 --		5y 4/1			massive ↓	B1 =2		(7) shell frag.		
-- 130 --										
-- 140 --										
-- 150 --										

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			Avg.	Max.						
-- 0 --									CR	3/12/11
								① Same as above		
-- 10 --										
-- 20 --										
-- 30 --										
59								contact: gradational		
-- 40 --		5y 4/1						②		
-- 50 --										
-- 60 --										
62								-62 > shell frag. concentration		
63								-63 >		
69								contact: gradational		
-- 70 --		5y 4/1						① shell frag.		
-- 80 --										
-- 90 --										
95								-95 shell frag.		
-- 100 --										
-- 110 --										
-- 120 --										
124										
-- 130 --		GLY1 10y 4/1								
-- 140 --										
-- 150 --										

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		Avg.	Max.						
--0--	grey			medium	B1-2		① ↓ • Forams present • shell frags.		
	10g			↓	↓				
--10--	411								
--20--									
	und.								
--30--									
38							-38: shell frag.		
--40--	5g								
	und.								
45	411					45SS			
--50--									
--60--									
--70--									
--80--									
--90--									
--100--									
--110--									
115						115SS			
--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 --		5y 411			Mudstone	BZ =2		① small shell frags Forams present	GR	3/12/11
-- 10 --										
-- 20 --										
-- 30 --										
36		5y 411			Mudstone	B1 =2		② shell frags		
-- 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 --		(GLEY)			Mud	B1 =2	(2) Shell frags - 7 > black spot - 6 >	UR	3/12/11	
1		dy								
3	und	4/1								
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

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