

Expedition 339: Mediterranean Outflow

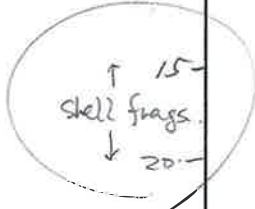
Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: yasu	Date: 3/DEC/2011
		Avg.	Max.						
-- 0 --	10Y5/1	Clay	Medium sand.	Massive	3		① NANNO MUD  some shell frags. all along the section		
-- 10 --									
-- 20 --									
-- 30 --				Bio. C					
-- 32 --	As above	Clay	M.S		3		② SILTY MUD Mottled.		
-- 40 --				Bio. C.					
-- 40 --		Clay	M.S	Massive	3		① NANNO MUD  -48 shell frags.		
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --				Grad. Bio. C			-118 shell frags.		
-- 124 --		Clay	M.S.	Bio. C.	3		② SILTY MUD Mottled.		
-- 125 --		V.F.S	M.S		3		③ SILTY SAND		
-- 130 --									
-- 140 --									
-- 150 --							-147 shell frag		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

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		Avg.	Max.						
--0--	Same as above	V.F.S.	M.S.		3		③ Same as above	Yasm	3/DEC/2011
--10--									
--20--							17 Bivalve shell fragments.		
--30--							More shell fragments in working half (15-18cm) ↳ gastropods / bivalves		
--40--							shell frags. (pyre.)		
--50--		Clay	M.S.	Grad. / Bio.C			50		
--60--							② SILTY MUD		
--70--							Coarsening upward. Mottled.		
--80--									
--90--									
--100--		Clay	M.S.	Bio.C Massive.			93		
--110--							① NANNO MUD 93-97: mottled.		
--120--							108-111: mottled.		
--130--									
--140--									
--150--									



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		Avg.	Max.						
-- 0 --	Same as above.	clay	Medium sand	Massive	2		① NANNO mud	yaen	3/DEC/2011
-- 10 --									
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

58  
 ↓  
 73  
 Condrites Mottled.

138 shell fragm. φ 1.5cm

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Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: Marr	Date: 3/Dec/2011
		Avg.	Max.						
-- 0 --	Some ox above.	clay	Medium s.	massive	3		① NANNO MUD 0-5 condrites. 7-9 shell frags. 26 shell fragm. 32-33 condrites		
-- 10 --									
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --				Gradational contact					
-- 70 --	saa	silt	Medium s.		3		② SILTY MUD Mottled.		
-- 80 --				Gradational contact					
-- 90 --	saa	Very fine sand	Medium s.		3		③ SILTY SAND		
-- 100 --									
-- 110 --	saa	Fine sand.		Erosional/ bioturbated contact	3		① NANNO MUD 102-131: sand-filled condrites (burrow)		
-- 120 --									
-- 130 --	saa	clay	Medium s.		3		② SILTY SAND		
-- 140 --									134 ↑ condrites ↓ 143
-- 150 --	saa	clay			3		① NANNO MUD		
	saa	clay	Med. s.		3		② SILTY MUD		

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	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --			clay	Medium sand		3			Yasun	3/DEC/2011
-- 10 --								Mottled		
-- 20 --								Shell fragments		
-- 30 --								30.5 ~ 31 very fine sand layer		
-- 40 --										
-- 50 --								54-55 = shell fragments		
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --								↑ more sandy part. ↓		
-- 140 --										
-- 150 --										

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Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: mas	Date: 3/DEC/2011
		Avg.	Max.						
--0--	5AA.	Clay	Medium s.		3		① NANNO MUD Mottled Shell frags.		
--10--		Clay	Medium s.				② SILTY MUD Mottled / Shell frags.		
--20--		Clay	Medium s.				① NANNO MUD Mottled / Shell frags.		
--30--							33 pyricred burrow		
--40--									
--50--									
--60--									
--70--									
--80--									
--90--									
--100--									
--110--									
--120--		Clay	Medium				② SILTY MUD Mottled / shell frags.		
--130--									
--140--									
--150--	✓				✓				

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		Avg.	Max.						
-- 0 --	S.A.A.	clay	Medium s.		3		② SILTY MUD mottled	masu	3 / Dec / 2011
-- 10 --							- 13-15 pyritized burrow		
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --							- 48 plant fragment (L=1.5cm)		
-- 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 --	S.A.A.	Clay	Medium	Bio. C	3		② SILTY MUD mottled / shell frags.	masu	7/DEC/2011
		V.P.S.	s.						
-- 10 --				Bio. C					
	↓	Clay	Medium		3		② SILTY MUD mottled / shell frags.		
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

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