

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: Mason	Date: 15/DEC/2011
		Avg.	Max.						
--0--	10Y4/1	clay	M.S				① MUD		
--10--					2		pyritised burrows		
--20--				normal grady					
--30--		clay	M.S	G.C.	2		③ SILTY SAND		30
				sharp parallel l.	2		② SILTY MUD		31
		very fine sand	M.S	G.C. normal grady Bio.C	2		✓ shell fragments ✓ Rounded Qz	② SILTY SAND	32
--40--	10Y3/1	clay	M.S				① MUD		39
--50--				massive	3		large-sized motes. φ > 3cm shelly-sand-filled burrows.		
--60--									58
--70--				sharp C					66
		V.F.S	M.S	massive	2		③ SILTY SAND	shell fragments / rounded Qz	70
		clay	M.S	massive	2				72
		V.F.S	M.S	massive	2		① MUD		73
				S.C			③ SILTY SAND		74
--80--	clay	M.S			3		① MUD sand-filled burrow / condlrites		
--90--									
--100--									
	10Y4/1			E.C					105
--110--					3				
--120--									
	10Y5/1	clay	M.S		3		② SILTY		123
--130--									
	10Y5/1	fine S.	V.C.S	grad. c normal grady Bio.C	2		③ SILTY SAND	shell fragments very coarse-grained Qz.	137
--140--	10Y5/1	clay	C.S	massive Bio.C	3		② SILTY MUD	mottled	140
	10Y4/1	clay	C.S	massive	3		① MUD	mottled shell fragments	143
--150--									

Oh My...

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MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

38R 2A

2034

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: MASU	Date: 15/DEC/2011
		Avg.	Max.						
-- 0 --	10Y3/1			parallel 2.	3		mottled		
	10Y4/1								
-- 10 --	10Y3/1	V.F.S		S.C para.	2		③ SILTY SAND	10	
		clay		S.C				11	
	10Y4/1	V.F.S		parallel l.	2		② SILTY MUD		
		clay		convoluted C				16-16.5	③ SILTY SAND
-- 20 --	10Y3/1	V.F.S		parallel 1.	2		② SILTY MUD		
		clay		S.C				20-20.5	③ SILTY SAND
	4/3	clay		slightly inclined lamina	3		② SILTY MUD		
	10Y4/1	V.F.S		convoluted para.	2		② SILTY SAND	26	
-- 30 --		clay		sharp C para.	2		② SILTY MUD	27	
	10Y3/1	V.F.S		S.C					
	10Y4/1	clay		para. l.	2		① MUD	31.5-32	② SILTY SAND
-- 40 --									
	10Y3/1			C.C.				45	① MUD
-- 50 --		clay	mg	parallel lamina	2				
-- 60 --									
				Color C				66	① MUD
-- 70 --	10Y4/1	clay	ms						
-- 80 --				parallel lamina	2				
-- 90 --				very low-angle inclined lamina					
-- 100 --									
-- 110 --	10Y3/1	silt.	grand	sharp C massive	1		③ SILTY SAND	111	coarse-Qz shell fragments.
				sharp C				114	
-- 120 --	10Y3/1	clay	M-S				① MUD		
-- 130 --				massive	3		mottled		
-- 140 --									
-- 150 --									

fine-grained turbidites (?)

Desclage  
10-32  
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MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

38R3A

2035

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: MASU	Date: 15/DEC/2011
		Avg.	Max.						
-- 0 --	10Y3/1	clay	M.S	massive	3		① mud		
-- 10 --									
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --	10Y4/1			color contact					
-- 110 --									
-- 120 --									
-- 130 --		clay	M.S	Grad. C	3		② 125 SILTY MUD		
		v.f.s	M.S	Grad. C	3		③ 127 SILTY SAND		
				Sharp. C			③ 129 SILTY SAND		
		clay	M.S.	massive	3	SS 130	② SILTY MUD		
				Sharp. C			③ 135 ? ? 130 cm: Nanno Mud		
		F.S.	M.S.	massive	2		③ SILTY SAND		
-- 140 --				Sharp. C			140 shell frag		φ 1.5 cm
		clay	M.S	massive	3		① mud		
-- 150 --									

78 cm Nanno mud

SS

100 cm: Nanno Silty Mud

SS 100

Qtz-rich Sandstone

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MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: <i>masu</i>	Date: 15/DEC/2011
		Avg.	Max.						
--0--	10Y4/1						S.A.A.		
	10Y3/1	6	M.S	massive			6		
--10--		clay		Irregular C.	3		13		
	10Y4/1	M.S.	V.C.G	massive	2		13	③ SILTY SAND	shell frags.
--20--	10Y3/1	clay	M.S	massive	3		18	① MUD	
		M.S.	V.C.S	massive	2		21	③ SILTY SAND	shell frags.
		clay	M.S	massive	3		24	① MUD	
--30--	10Y4/1	M.S.	fine pebble	massive	2		28	③ SILTY SAND	shell frags.
	10Y4/1	clay	M.S	massive			33	?? ① MUD	clast of contorted strata
--40--									
--50--									
--60--									
--70--									
--80--					3				
--90--	10Y4/1	Site	M.S	GC	3		88	② SILTY MUD	
	10Y4/1	M.S	fine pebble	GC	3		93	② SILTY SAND	shell fragments Coarse-grained rounded Gz
--100--				normal grading					
--110--	10Y3/1	clay	M.S	Bio.C	3		105	① MUD	
				massive				Sand-filled burrows	φ > 3cm ~ 1cm
--120--								mottled	
--130--									
--140--									
--150--									
									sand-filled burrows
									145-146



MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					MASU	15/DEC/2011
--0--							① MUD SAD		
--10--		clay	M.S.						
--20--									
		10x4/1 silt	V.C.S.	G.C. normal grading	3		24 ② SILTY MUD		
--30--		V.F.S.	V.C.S.	G.C. normal grading	3		29 ③ SILTY SAND		
--40--		clay	M.S.	erosional c. massive	3		36 ① MUD		
		silt	C.S.	G.C. normal grading	3		44 ② SILTY MUD		
--50--		M.S.	fine pebble	G.C. normal grading	2		47 ③ SILTY SAND Pecten fragm. shell fragments		
--60--				Sharp	3		53 ① MUD mottled 61 burrow		
--70--		clay	M.S.	massive			66-67 Large-sized shelly sand-filled burrow L = >3cm		
--80--									
--90--									
		silt	M.S.	G.C. normal grading			92 ② SILTY MUD		
		V.F.S.	M.S.	G.C. normal grading			94 ③ SILTY SAND		
--100--		10x3/1 clay	M.S.	Sharp c. massive			99 coarse-grained Qz ① MUD burrow L = >4cm		
		10x4/1		Sharp c.			104 ③ SILTY SAND shelly sand-filled burrow 105 shell fragments coarse-grained rounded Qz		
--110--		V.F.S.	granule	massive					
--120--									
--130--									
			clay	discontinuous micro-faults			134 ① MUD micro faults		
--140--		V.F.S.	granule	discontinuous massive			136 ③ SILTY SAND shell fragments		
		10x3/1 clay	M.S.	discontinuous c. massive			142 ① MUD micro faults at lower part.		
--150--		10x4/1 V.F.S.	granule	Inclined c. Inclined laminae			148 ③ SILTY SAND shell frags. coarse-grained rounded Qz		slump?

Dexlogis

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MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: masu	Date: 15/DEC/2011
		Avg.	Max.						
-- 0 --	10Y4/1	Very fine sand	V.C.S	Inclined strata			③ SILTY SAND shell fragments		
-- 10 --	10Y7/1	clay	f.s	Irregular C	2				
-- 20 --	10Y4/1	V.F.S.	V.C.S	Inclined strata	2		① MUD		
-- 30 --				Inclined strata	2		③ SILTY SAND shell fragments		
-- 40 --	10Y4/1	silt	granule	Irregular C					
-- 50 --				Combed	2		② SILTY MUD deformed alternating beds. shell fragments		
-- 60 --	10Y4/1			Irregular contact					
-- 70 --				massive					
-- 80 --		Silt	C.S.		2		② SILTY MUD		
-- 90 --									
-- 100 --							93-94 shell fragment		
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

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slump  
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