

Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 11/12/11
			Avg.	Max.						
0	SOUPY									
10		10YR 4/2	clay	m.s.		3 ↓		① NANNO MUD		
22					grad. contact					
30			clay	m.s.	mottled			② SILTY MUD mottled		
39					grad. contact					
43								shell front		
50			clay	m.s.				① NANNO MUD		
75					grad. contact					
79			clay	m.s.	biot.			② SILTY MUD		
85			silt	med. sand	biot. contact			② SANDY SILT mottled		
90										
100			clay	m.s.				② SILTY MUD		
110					grad. contact					
120								① NANNO MUD		
130			clay	m.s.						
135								silt-filled burrows		
140										
150										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 11/12/11
		Avg.	Max.						
-- 0 --									
	10YR 4/1 ↓	clay	m.s.		3 ↓		① NANMO MUD -16 silt-filled discontinuous layer		
-- 10 --									
-- 20 --									
-- 30 --							NB 0-125cm: more reddish color although color index is the same sharp color contact at 125cm		
-- 40 --									
-- 50 --									
-- 60 --				grad. contact			-57 shell frags -60		
-- 70 --							-67 shell frag - filled burrow ② SILTY MUD		
-- 80 --		clay	m.s.						
-- 90 --							-92 shell frag		
-- 100 --									
-- 110 --									
-- 120 --							125 color contact ↑ more reddish ↓ more grayish		
-- 130 --	10YR 4/1	silt	m.s.	biot. contact mottled			③ SILTY SAND mottled shell frags fining upward		
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					ED	11/12/11
		silt	m.s.				③ SILTY SAND		
		clay	m.s.	sharp contact	3	4			
				bioturb. contact	↓	7	② SILTY MUD		
	10YR 4/1 ↓	silt	m.s.				③ SANDY SILT shell frags		
		clay	m.s.	inclined contact		26			
				biot. contact		31	② SILTY MUD mottled		
						SS 37	sand		
	soupy	silt	m.s.	mottled			③ SILTY SAND mottled clean sand → soupy (water)		
				inclined contact		50			
		clay	m.s.				② SILTY MUD		
				grad. contact		81			
		silt	m.s.				② SANDY SILT heavily mottled (sand-filled burrows)		
				biot. contact		94			
		silt	coarse sand	mottled		SS 103	cm sand		
						109	clean sand		
						111	shell fragment concentration		
				biot. contact		116			
		clay	m.s.				② SILTY MUD mottled		
				grad. contact		135			
		clay	m.s.				① MANNING MUD		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: Mace	Date: 10/DEC/2011
		Avg.	Max.						
-- 0 --	10Y4/1	Clay	M.S.	massive	3		① mud		
-- 10 --	10Y4/1	Very Fine Sand	M.S.	massive	3		② SILTY MUD - Small shell fragment.		
-- 20 --	10YR4/1	Clay	M.S.	massive	3		③ mud.		
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --		Clay	M.S.						
-- 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:	Date:
			Avg.	Max.						
-- 0 --									man	11 DEC 2011
-- 10 --								① mud		
-- 20 --										
-- 30 --										
-- 40 --		10YR4/1	clay	M. S.	massive	3				
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --			Clay	M. S.	normal grad. 104 strat.	3		105 ② SILTY MUD		
-- 120 --			very fine sand.	M. S.	grad. C. massive			115 ③ SILTY SAND		CR
-- 130 --								Shell fragments. mottled		
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: MRSU	Date: 11 DEC 2011
		Avg.	Max.						
-- 0 --	10Y4/1						③ SILTY SAND		
-- 10 --		very fine sand	medium sand	massive			shell fragments.		
-- 20 --					3				
				Bio. C.					
-- 23 --	10Y4/1						② SILTY MUD		
-- 30 --		Clay	M.S.		3		sand-filled burrows		milled
-- 40 --				massive					
-- 39 --									
-- 50 --									
-- 60 --									
				Grad C					
-- 65 --	10Y4/1						① MUD		
-- 70 --		Clay	M.S.	massive					
-- 80 --					3				
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

U1387A  
44-3  
Turbidite

unadisturbed

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

3H7A

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2011-12-20 11:00 AM

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --									MOS	11/DEC/2011
-- 10 --								S.A.A		
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

