

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: RDF	Date: 11/26/11
		Avg.	Max.						
	5Y 4/1	clay	M Sand forams				0-53 gray clay w/ distorted layers & irregular pockets of darker material		
				Contorted bedding					
	5Y 5/1	clay	M Sand forams		3		53 53-end gray ferric clay, bioturbated Some forams, some diagenetic coloring on burrows.		
							SS 75cm 75 cm MUDDY NANNOFOSSIL Ooze		
					3				
	5Y 5/1	clay	M Sand forams						
	1.5D			127 burrow w/ diag contacts					

MAJOR LITHOLOGY: ferric clay

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
-- 0 --							0-150.5	nano-f	11/26/11
-- 10 --			clay m. sol. forams		3		Overall gray clay w. some color banding. Slightly bioturbated. Scattered black pyrite grains.		
-- 20 --									
-- 30 --	5Y								
-- 40 --	5/1 (dark)								
-- 50 --									
-- 60 --									
-- 67 --			gradual		3		6-6 Diacria? pteropod d=1mm		
-- 70 --							10-12 pipe filled pyrite		
-- 75 --							SS 75cm		
-- 80 --							75 cm: MUDDY NANNOFOSSIL Ooze		
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --	5Y 7/1 (light)								
-- 130 --									
-- 135 --			gradual						
-- 140 --									
-- 145 --	5Y 5/1 (dark)				3				
-- 150 --									

150.5 →

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size		Sed. / struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
--0--	UNDISTURBED	5Y 6/1	clay	M sand forams				RDF	11/26/11	
--10--							0-98 Gray terrig clay w/ moderate bioturbation, mostly color changes - a few silt/sand-filled burrows			
--20--					15 silt/sand-filled burrow 22 25					biot. lower contact
--30--										
--40--										
--50--										
--60--										
--70--										
--75--										
--80--										
--85--										
--90--										
--95--										
--100--		98			biot					
--105--		5Y 6/1	clay	M sand forams	pyrit burrow					
--110--										
--115--										
--120--		125			pyrit. b. biot.					
--125--										
--130--		5Y 5/1	clay	M sand forams	sand-filled burrow					
--135--										
--140--		139			biot.					
--145--		5Y 6/1	clay	M sand forams						
--150--										

75cm SS MUDDY NANNOFOSSIL Ooze

MAJOR LITHOLOGY: Terrig clay

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
	5Y 7/1	clay	m sd foram		3		0-137. Carbonate ooze. slightly bioturbated. Scattered Pyrite.	nana-f	11/26/11
	more dark → gradual change upward.						11 Pyrite nodule filled burrow. 10-11 zoophycos.		
undisturbed.							11 Pyrite nodule filled pipe. SS 75cm NANNOFOSSIL Ooze WITH CLAY 96-97 gray band. slightly dark		
	5Y 8/1				3		127-137. carbonates typical thin		
	137.			bioturbation contact			137-150. dark gray clay slightly bioturbated. Scattered Pyrite.		
	5Y 5/1	clay	m sd foram		3				

150 cm

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					RDF	11/26/11
							0-56 gray clay w/ bioturbation Some thinner beds due to color alteration, esp 39-44		
	5Y5/1	Clay	m sand forams		3				
				39 pyrot burrow					
	5Y5/1			54 5B 60) pyrot. burrow			56 biot. contact		
))))))))))))))))))))))))))))))))))))			slightly lighter biot. clay w/ several zoophycus burrows. some pyritized burrows		
				60 chond. burrow					
UNDISTURBED					3				
	5Y6/1	Clay	m sand forams	pyrot. bur					
				pyrot. b.					
				p. b.					
				p. b.					
				Ostracod			127 biot. contact slightly darker interval biot clay ? reddish. sand filled burrow.		
	5Y5/1	Clay	m sand forams	⊙ sand-filled burrow	3		⊙ (SS) ← sandy-silty calcareous ooze (sand-fill)		
142 sample	5Y6/1	Clay	m sand forams	⊙ sand-filled b.	3		142 biot. contact slightly lighter interval bioturbated clay sand-filled burrow		

MAJOR LITHOLOGY: terrigenous clay

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow



Drilling disturb.	Color	Grain-size		Sed. / struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
								hana-f	11/24/11
--0--							0-12.		
	5Y 5/1	clay	m sd foram.		3		Dark gray clay Slightly bioturbated.		
--10--				bioturbation contact					
	5Y 7/1	clay	m sd foram.		3		Scatter pyr. to grains		
--20--				base of core					
						PAL	12-24		
--30--							light gray clay Slightly bioturbated.		
--40--									
--50--									
--60--									
--70--									
--80--									
--90--									
--100--									
--110--									
--120--									
--130--									
--140--									
--150--									

MAJOR LITHOLOGY:

MINOR LITHOLOGY: