1385A-16H-1

U1385 16H1 A

Expedition 339: Mediterranean Outflow

Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments
Gas expansion; SOUPY; Gas (cracking) expansion	5GY 5/1; 26; 68; 5GY 5/1; 5GY 5/1	Clay ↓ all	w/sand /f forams ↓ all	PB; PB; PB; PB	4; 4; 3	SS	0 – next section greenish gray clay with color variation due to bioturbation contact in next section. contains interval: 26 soupy interval with "moose-like texture" possibly melted hydrate; 68; 75 cm: Clayey nanno ooze

Logged by: RDF

Date: 11/27/11

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments
	5GY 5/1	clay ↓ all	m/f sand foram ↓ all	bioturbation contact	3		0–13 continues from above. greenish gray clay Scattered pyrite grains.
							12
							13–15 greenish gray clay with color variation such as greenish band or brown band, thickness band. are ~2 cm order. Scatter pyrite grains and white sand patches (d ≤ 5mm). continues to 3A.
UNDISTURBED (very little cracks due to gas expansion)	5GY 5/1						
							45–52 long burrow filled pyrite
					3	SS	75 cm: Nanno ooze with clay

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

U1385A 16H3 A

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: RDF	Date: 11/27/11
-- 0 --			Clay	m sand forams		4		Continues from last section: Major lithology: 70% greenish gray clay with color variations due to bioturbation.		
-- 10 --		GY5 4/1	all	all						
-- 20 --					⊙			Minor lithology 30% dk greenish gray clay with color variations due to bioturbation. Silt-filled burrows common		
-- 30 --					⊙					
-- 40 --					PB	4				
-- 50 --		GY5 5/1								
-- 60 --								biot. bottom contact		
-- 70 --	GAS EXPANSION					3	SS	σ_2 greenish gray clay with color variations due to bioturbation, esp. common in top of ~~un~~ interval (55-82 cm) unit goes onto section H4.		
-- 80 --					PB			75 cm: Nanno ooze with clay		
-- 90 --					PB					
-- 100 --		GY4 5/1								
-- 110 --										
-- 120 --						4				
-- 130 --										
-- 140 --		GY4 5/1								
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
0		5GY 5/1	Clay	m sand forams (sewer)				continues fra above grn gry clay with color variations due to bioturbation, bioturb. lower contact		
10								7. 7-end of section (155)		
20			all	all				Major Lithology 60% grn gry clay w/ color variations due to bioturbation		
30								Minor Lithology 40% dk grn gry clay w/ color variations due to bioturbation		
40		10Y 4/1								
50										
60					PB					
70					PB					
					PB		SS	75 cm: Nanno ooze with clay		
80	Gas expansion									
90		10Y 5/1								
					PB					
100					PB					
110					PB					
120					PB					
130					PB (big)					
140		10Y 4/1			PB (big)					
150					①					

155

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

U1385A 16H5A

Expedition 339: Mediterranean Outflow

Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments
							Logged by: RDF; Date: 11/27/11
							0-124
				PB	4		Major Lithology 80% greenish gry clay with color variation due to bioturbation
	5GY 5/1						
				PB			
							Minor lithology 20% dk greenish clay with color variation due to bioturbation
							interlayered medium bedded bioturbated bottom contact
				PB PD	4		
				PB			
	5GY 4/1						
gas expansion				PB		SS	75 cm: Muddy nanno ooze
	5GY 4/1						
				PB			
	10Y 5/1				3		124 124-136 Greenish gray clay with color variation due to bioturbation
							biot. lower contact
							136-end gray dk greenish clay with color variation due to bioturbation.
	5GY 4/1			BB PB	3		bottom contact @ end of section
	141						

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

U1385A 16H6 A

Expedition 339: Mediterranean Outflow

Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments
undisturbed.	5Y 5/1.	clay ↓ all	m~c sd. (foram) ↓ all.	110-111 pyrite p:pe (d=5mm) 134-135 pyrite p:pe (d=5mm)		SS	0-149. Continues from above. Dark gray clay with some color banding. Such as greenish and brown bands, banded thickness are 1 ~ 3cm order. Scattered pyrite nodule and white sand patch through the section. Continues to CC. 75 cm Nannno ooze with clay

Logged by: nana-f

Date: 11/27/11

-- 0 -- -- 10 -- -- 20 -- -- 30 -- -- 40 -- -- 50 -- -- 60 -- -- 70 -- -- 80 -- -- 90 -- -- 100 -- -- 110 -- -- 120 -- -- 130 -- -- 140 -- 149 -- 150 --

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

U1338A 16HCC A

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: nano-f	Date: 11/27/2011
-- 0 --			clay	fine sd foraams				0-22 continues from 6A. Dark gray clay slightly bioturbated.		
-- 10 --		5Y 5/1	↓ all	↓ all	• 14 pyrite nodule. d=5mm	3				
-- 20 --	22									
							PAL			
	27									
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY: