

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --		5y 2/4	mud		massive	Bj-2 sparse	Forams present Shells fragments present <u>Rajin Litho</u> : mud (in section 1A: 100%) bedding thickness: very thick			total core
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY: mud
total core: 100%

MINOR LITHOLOGY: sandy mud
total core: ~20%

total core

Expedition 339: Mediterranean Outflow

U13861

ZH

2A

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

MAJOR LITHOLOGY:

mucl

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --								Same as above		
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
75						SS 75		75cm: SILTY MUD NANNOFOSSIL CORE Nanno silty mud		
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --								120:] layer with shells 120:] fragments		
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

U 138 A

24

4A

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --								Same as above		
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
65										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

BZ = sparse

BZ = 3 segments

BZ = sparse

55

65

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
0								Same as above		
5	undist.	5Y						Minor litho		
10		2/4						sandy mud		
15					massive			shell fragments present		
20						BZ=2 sparse		(bedding thickness total cm: 4/10)		
25								15 cm: MUDDY NANNOFOSSIL Ooze → Nannofossil silty mud		
30								contact: gradational		
33		same			massive			Major litho: mud		
40	incl.							shell fragments present		
50										
60										
70										
74		same				BZ = 2/3 ht		contact: incline (erosive)		
80								Minor litho: sandy mud		
90	undist.				massive			shell fragments		
100						BZ=2 sparse				
101		same						contact: incline (erosive)		
110					hetero			Major litho		
120	undist.							Shell fragments		
130										
136		same				BZ=3 slush ht		contact: incline (erosive)		
140	undist.				massive			Minor litho		
145								Shell fragments		
148	undist.									
150						BZ=2 sparse		Major litho		

MAJOR LITHOLOGY: mud

MINOR LITHOLOGY: sandy mud

Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --										
-- 10 --								Same as above Rays litho		
-- 20 --								contact: gradual		
-- 30 --		5y 4/1	silty mud		massive			Rays litho Shell fragments		
-- 40 --										
-- 50 --										
-- 60 --								60 cm: Silty mud nanofossil ooze		Nanofossil silty mud
-- 70 --								70: Pebbles shell		
-- 80 --								contact: indurated (erosive)		
-- 90 --								calz contact		
92		5y 4/1	mud		massive			Major light litho		
-- 100 --								Shell fragments		
112		5y 4/2						contact: indurated (erosive)		
-- 110 --								light litho		minor
117										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

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--		5y	Silty mud					Thin litho Shell fragments		
--10--		4/2								
--20--										
21										
24										
--30--										
37		5y	mud					contact: gradational Thin litho few shell fragments		
--40--		4/2								
--50--										
56		5y	Silty mud					contact: inclined Thin litho		
--60--		4/2								
63										
--70--										
--80--										
--90--										
--100--										
--110--										
--120--										
--130--										
--140--										
--150--										

27-29] layer with shell fragments

33-35 - Nonfossil Silty Mud

BZ: 36/37

BZ: 56

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --		Same as above	silty mud					Major litho : Shell fragments		
-- 10 --										
-- 20 --					trace	B1-3				
28		Same	mud					contact : gradational Major litho		
-- 30 --										
-- 40 --					trace	B1-2				
45										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY: mud

MINOR LITHOLOGY: silty mud