

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --	md ↓	GLY1 10y	clay ↓		massive ↓	BI =2 ↓			CR	10/12/11
-- 10 --		4/1 ↓								
-- 20 --										
22								-22: shell frag.		
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
76								-76: shell frag.		
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --								-110: shell fragment		
114								-114 > Bivalve shells fragments		
115								-115 > Bivalve shells fragments		
119								-119: Py burrow		
-- 120 --								-120: shell frag.		
-- 130 --										
-- 140 --										
146								-146: Py burrow		
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: CR	Date: 10/12/11
		Avg.	Max.						
-- 0 --							① Same as above Forams present		
-- 10 --									
18							18 20 > Py burrow		
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
65							Contact: gradational		
-- 70 --	OLEY1 10g 4/1			massive	BI =2		Silty mud ② shell fragments were abundant than above		
-- 80 --							80 81 > coral branch fragment		
81									
-- 90 --									
95							95: Bivalve shell frag.		
-- 100 --									
108							shell frag.		
-- 110 --									
-- 120 --									
125							125: coral branch		
-- 130 --									
-- 140 --							Contact: irregular		
-- 150 --	OLEY1 10g 4/1			massive	BI =2		MUD ① Forams present few shell frags. (small)		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --								Red (Same as above)	CR	20/12/11
								Forams present		
-- 10 --										
-- 20 --										
-- 30 --										
38								-38' Shell frag.		
-- 40 --										
44								-44' Shell frag.		
-- 50 --										
55								-55' Py burrow		
-- 60 --										
-- 70 --										
-- 80 --							81 SS	81 cm: Nano fossil mud		
-- 90 --										
95								-95' Py burrow		
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
142								-142' Py burrow		
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

U 1387 A 15 X 4A

1326

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Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: CR	Date: 10/12/11
		Avg.	Max.						
-- 0 --							Mud (Same as above) Forams present		① ↓
-- 10 -- 14	GLY1 10y								
-- 20 --	3/1								
-- 30 --									
-- 40 -- 43							43: Py bands		
-- 45 -- 49							45: Py bands		
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 -- 112							112: Py bands		
-- 120 --									
-- 130 -- B2	GLS1 10y								
-- 140 --	4/1								
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
-- 0 --							① Mud Forams present Shell frags.	C12	10/12/11
-- 10 --									
-- 20 --									
-- 30 --									
35									
36							35 > tube worm		
-- 40 --									
46									
47							46 > bivalve shell frag.		
-- 50 --									
-- 60 --									
62							62: shell frag.		
63							63: Coral branch and shell frag.		
-- 70 --									
							contact: gradational Silty mud ②		
-- 80 --									
							contact: gradational Mud ①		
-- 90 --									
95									
97							95 > Py burrow		
-- 100 --									
103							103: Py b.		
-- 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.					C12	10/12/11
-- 0 --							① Mud (Same as above) Forams present		
-- 10 --									
-- 20 --									
27							-27: Shell frag		
-- 30 --									
-- 40 --									
-- 50 --	Same			laminar	B-1 2		contact: gradual ② Silty mud Forams present		
-- 60 --							60 cm: Silty mud w/ biog. carbonate		
-- 70 --									
76							contact: gradual		
78							-78: Shell frag. ① Mud		
-- 80 --									
-- 90 --									
-- 100 --									
102							-102: Bivalve shell frag.		
-- 110 --									
112							-112: Py s.		
-- 120 --							115-116 28.4% CaCO ₃		
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
-- 0 --							Same as above Forams present	(R)	10/12/11
-- 10 --							-10: Py burrow		
-- 12 --							-12: Py burrow		
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

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U1387A

15x CCA

(330)



	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
-- 0 --								Same as above Tonow present	CR	10/12/11
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY: