

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: SF	Date: 2011 11/2/11
			Avg.	Max.						
-- 0 --		10 Y 4/1	clay	h. sand	massive	BE 3		mud (Type 1)		
-- 10 --								10cm shell fragments (~ 1mm)		
-- 20 --										
-- 30 --								29cm shell fragment (3mm)		
-- 40 --								33cm Py burrow		
42-40 --		VOID								
45 --										
-- 50 --										
-- 60 --										
-- 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 --									SF	2011 / 12 / 10
								Same as above (SAN)		
								7cm Py burrow		
-- 10 --								10cm Py burrow		
								21cm shell fragment (2mm)		
-- 20 --								25cm foram patch (2mm)		
								30cm Py burrow		
-- 30 --								34cm Py burrow		
								39) shell fragments (~0.5mm)		
-- 40 --								43)		
								48cm shell fragment (4mm)		
-- 50 --								51cm Py burrow		
-- 60 --										
								69cm Py burrow		
-- 70 --	Biscuit									
								80cm foram patch (2mm)		
-- 80 --										
								93cm shell fragment (2mm)		
-- 90 --										
								104cm shell fragments (~1mm)		
-- 100 --										
-- 110 --										
								118 dispersed shell fragments (~1mm)		
-- 120 --										
128										
-- 130 --		10Y 4/1	silt	fine sand	Bioturbated contact			Silty mud (types)		
	Biscuit				massive (bottled)	BZ 2				
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: SF	Date: 2011 12/10
		Avg.	Max.						
--0--							SAA		
5.				gradational contact					
--10--	10Y 4/1	clay	m. sand		BI 3		mud (type 1) 12cm. silt filled burrow		
--20--				massive					
--30--									
--40--									
--50--							52cm. P. burrow		
--60--									
--70--	BISCH-1						62 dispersed shell fragments (~1mm)		
--80--							72 81cm. foram patch 83cm. P. burrow		
--90--							93cm. shell fragment (2mm)		
--100--							102cm. shell fragments (~1mm)		
--110--									
--120--							118 shell fragment (1mm)		
--130--							124. shell fragment (2mm)		
							129 P. burrow		
--140--							131 dispersed shell fragments (~1mm)		
--150--									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: SF	Date: 2011 12/11
			Avg.	Max.						
-- 0 --								S.A.A		
-- 10 --										
-- 20 --										
-- 30 --								31cm Py burrow 34cm Py burrow		
-- 40 --										
-- 50 --										
-- 60 --								57cm shell fragment (2m)		
70					Bioturbated					
70					Contact			Silty mud (type 2)		
		GLY 1 10Y 4/1	silt	to sand	massive	BI 3				
-- 80 --										
-- 90 --								95cm foram patch (1cm) dispersed shell fragments (ca 1mm)		
-- 100 --										
108					Bioturbated					
-- 110 --					Contact			mud (type 1)		
		10Y 4/1	clay	to sand	massive	BI 2		115. Py burrow		
-- 120 --										
-- 130 --								132cm foram patch (2mm)		
-- 140 --								141. Py burrow 144cm Py burrow		
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

U 1387 A

29x 5A

440
439

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: SF	Date: 2011 12/11
		Avg.	Max.						
-- 0 --							S.A.A. 6cm shell fragment (1mm)		
-- 10 --							14cm foram patch (1cm) 15cm shell fragment (2mm)		
-- 20 --							26cm P. burrow		
-- 30 --							35cm foram patch (3mm)		
-- 40 --									
-- 50 --									
-- 60 --							63cm P. burrow		
-- 70 --									
-- 80 --							82cm P. burrow		
-- 90 --							91cm foram patches (~2mm)		
-- 100 --							105cm P. burrow		
-- 110 --							110cm: Nanno mud 115cm P. burrow		
-- 120 --							125 P. burrow 128 P. burrow		
-- 130 --							132 P. burrow 135 P. burrow		
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:



Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: SF	Date: 2011 12/11
		Avg.	Max.						
							S.A.A 3cm shell fragment (3mm) 5cm Py burrow		
							29. shell fragments (2/1m) 31. shell fragments (2/1m) 34. foram patch (1m) 37. foram patch (1m)		
							50cm shell fragments (2.5mm)		
				Gradation contact					
	10Y 4/1	silt.	h. sand.		BZ 2		Silty mud (type 2)		
							78cm shell fragments (2mm)		
				massive (mottled)			88cm Py burrow		
							92cm shell fragment (1m)		
							110cm Py burrow		
							111cm foram patch (3mm)		
				Gradation contact					
	10Y 4/1	fine sand	h. sand		BZ 2		silty sand (type 3) 128cm shell fragment (1m) / foram patch (2mm) 129cm shell fragment (1m)		
				massive (mottled)					

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

137-138 CaCO3 27.1%

Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
0	Biscuit							SAA	SF	2011 12/11
7										
10		10Y 4/1	silt	m. sand	contact	BZ3				
20	Biscuit							22		
30										
40										
50	Biscuit							53		
60										
70		10Y 4/1	fine sand	m. sand	contact					
80						BZ3				
90	Biscuit							85		
100										
105										
110	Biscuit	10Y 4/1	silt	m. sand	contact	BZ3				
115										
120										
130										
140										
150										

dispersed shell fragments (2mm)

41 foram patch (2mm)

Silty sand (type 3)

62 shell fragment (2mm)

62 P. burrow

80. shell fragments (2mm)

84. foram patch (3mm)

85 cm:
Silty sand with biogenic carbonate

105. foram patch (3mm)

silty mud (type 2)

	Drilling disturb.	Color	Grain-size		Sed. struct./ contact	Bioturb.	Samples	Comments	Logged by: SF	Date: 2011 12/10
			Avg.	Max.						
0	4 biscuits				Bioturbated contact			SAA		
10		10Y 4/1	clay	hr sand	contact	BL3		fine mud (type 1)		
20					massive			silty mud filled burrows		
30	biscuit							14. foram patch (2mm)		
40								34. shell fragments (1/2mm)		
50								42. shell fragment (2mm)		
60								53. shell fragment (3mm)		
60								56. shell fragment (1/2mm)		
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.					SF	2011 12/11
-- 0 --							SAA - 3. Py burrow		
-- 10 --									
-- 20 --							- 16 } dispersed shell fragments - 21 } (~ 2mm)		
-- 30 --							- 25 } shell fragments (~ 2mm)		
-- 35 --							- 27 } shell fragment (4mm)		
-- 40 --							- 28 } shell fragment (1cm)		
-- 45 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									



MAJOR LITHOLOGY:

MINOR LITHOLOGY: