

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					NN	28 Dec/2011
-- 0 --	2.5Y 4/1	Clay	Fine Sand (Firn)	MASSIVE	BI: 2		Type 1: Mud • Forams present • Py burrow		
-- 10 --									
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
95	2.5Y 4/1	Silt	Fine Sand (Firn)	MASSIVE	BI: 3		Type 2: Silty mud • Forams present • Dispersed shell fragments		
-- 100 --									
-- 110 --									
115	Crack								
116									
-- 120 --									
126	2.5Y 4/1	Silt	Fine Sand	MASSIVE	BI: 3		Type 2.5: Sandy mud		
129									
-- 130 --	2.5Y 4/1	Silt	Fine Sand (Firn)	MASSIVE	BI: 3		Type 2: Silty mud		
-- 140 --									
-- 150 --									
153									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct./ contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					N N	28 Dec 2011
-- 0 --							Type 2: Silty mud (same as above)		
4	2.5Y 4/1	Clay	Very Fine Sand (in burrows)	Gradational contact Massive	BI: 2		Type 1: Mud • Dispersed shell fragments • Foram present		Coarsening upward
-- 10 --									
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --							57 scaphopod		
-- 70 --									
-- 80 --				Gradational contact					
89	2.5Y 4/1	Silt	Very Fine Sand	Massive	BI: 3		Type 2: Silty mud • Foram present • Dispersed shell fragments		Coarsening upward
-- 90 --				Gradational contact					
92	2.5Y 4/1	Silt	Fine sand	Massive	BI: 3		Type 2.5: Sandy mud • Foram present • Dispersed shell fragments		
-- 100 --									
-- 110 --									
-- 120 --				Gradational contact					
127	2.5Y 4/1	Silt	Fine Sand (in burrows)	Massive	BI: 3		Type 2: Silty mud • Foram present		Fining upward
-- 130 --									
-- 140 --									
148 -- 150 --							142 scaphopod		

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Expedition 339: Mediterranean Outflow

Drilling disturb.	Color	Grain-size		Sed. struct./ contact	Biota.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					N N	28 Dec 2011
-- 0 -- 3				Bioturbated Contact			Type 2: Silty mud		
-- 10 --	25Y 4/1	Clay	Very fine sand (in burrows)	Massive	BI-3		Type 1: Mud		coarsening upward
-- 20 --							* Foram present		
-- 30 --							* Burrows filled with coarser grain		
-- 37 --							* Py burrow		
-- 38 --							* Foram present		
-- 40 --							- 26 Shell fragment (echinoid spine?)		
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 107 --									
-- 111 --							P _y burrows		
-- 119 --							Small shell fragments		
-- 120 --							↓ < 1mm		
-- 130 --									
-- 140 --									
-- 150 --									
14.0									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.					N N	28 Dec/11
-- 0 --										
-- 10 --										
-- 20 --										
-- 30 --										
-- 40 --										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --	(47)									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Biota.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					N N	28 Dec 2011
-- 0 --							Type 1: Mud (Same as above)		
-- 10 --							3: Shell fragments in a burrow Calcareous Mud		
-- 20 --							19 Shell fragment		
-- 30 --									
-- 40 --									
-- 50 --							45 Py burrow		
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 148 --	5 Y 3/2	Very fine sand	Fine sand	Massive	BJ:2		Type 3: Silty sand • Well-sorted.		
-- 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.					N N	28 Dec/11
-- 0 --							Type 3: Silty sand (same as above)		
-- 10 --							Silky mud with bio carb.		
18				Potentially sharp base?		10 SS			
-- 20 --	2.5Y 4/1	Clay	Fine Sand (in burrows)	Biotaubated Contact	B.I.3		Type 1: Mud		
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --	153								

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Biota.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					N N	28 Dec/2011
-- 0 --							Type 1: Mud (same as above)		
-- 10 --									
-- 20 --									
-- 30 --							24 Foram patch		
-- 39 --									
-- 40 --									
-- 41 --									
-- 50 --									
-- 53 --	2.5Y 4/1	Silt	V.f. Sand	Massive BI:3			Type 2: Silty mud		
-- 60 --				Bioturbated contact			* Forams present		
-- 64 --	2.5Y 4/1	Clay	V.f. Sand	Massive BI:4			59 60] Shell fragments		
-- 70 --							Type 1: Mud		
-- 80 --							• Intense bioturbation (burrows filled with Silt - V.f. Sand)		
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY:



Drilling disturb.	Color	Grain-size		Sed. struct./ contact	Biota. rb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					NN	28 Dec/2011
-- 0 --							Type 1: Mud (same as above)		
-- 10 --									
-- 20 --							- 18 shell fragments		
21									
24									
29									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY: