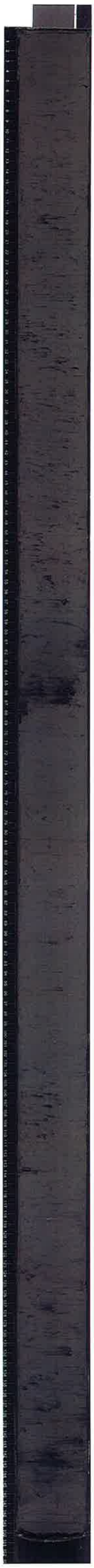
Expedition 339: Mediterranean Outflow



Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ST	Date: 2012 1/6
	10Y 4/1	clay	f. sand (foram)	massive	BI 3		mud · foram present		
							8		
							small py burrows		
							36, shell fragments		
							56		
				gradational			58~59, shell fragment?		
	10Y 4/1	silt	f. sand (foram)	massive	BI 3		silty mud		
				gradational			66 py burrows		
							small shell fragments		
	10Y 4/1	clay	f. sand (foram)	massive	BI 2		70 mud · foram present		
							76. shell fragment		
							81 shell fragments		
							86 shell fragments		
							89, py burrows		
							92, shell fragment		
							98, py burrow, shell fragment		
							107~109, py burrows		
							115, py burrows		
				gradational					
		silt	f sand (foram)	massive	BI 3		Silty mud - foram present		
							125		
							small shell fragments		
							129, py burrow		
				gradational			139, py burrow		
	10Y 4/1	clay	f sand (foram)	massive	BI 3		142~145, py burrow		
							mud - foram present		

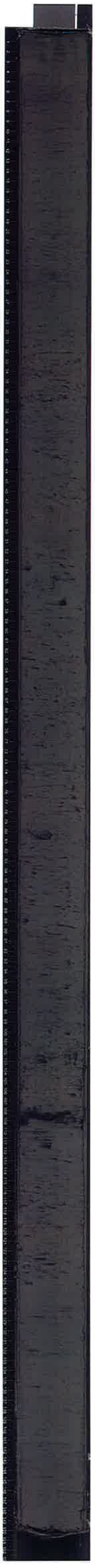
MAJOR LITHOLOGY:

MINOR LITHOLOGY:

339-U1390B-4H-2-A_SHLF[illegible]40771_20120106051829_.tif

3743

Expedition 339: Mediterranean Outflow



Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: SF	Date: 2012 1/6

-- 0 --

Same as above

-- 10 --

-- 20 --

-- 30 --

32

) small Py burrows

37

-- 40 --

-- 50 --

54, Py burrow, shell fragments

57, Py burrow

-- 60 --

60, shell fragments

61

) small Py burrows

-- 70 --

77

-- 80 --

80 ~ 81, shell fragments (burrow filled?)

-- 90 --

91

↑ coarser parts ↓

-- 100 --

106, Py burrow.

103, Py burrow.

-- 110 --

110

109, Py burrows

-- 120 --

123 ~ 124, small Py burrows

-- 130 --

-- 140 --

-- 150 --

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

339-U1390B-4H-3-A_SHLF[illegible]40801_20120106052758_.tif

3744

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ST	Date: 2012 1/6
-- 0 --										
-- 10 --								10 or 11, Py burrows		
-- 20 --										
-- 30 --								32, shell fragment		
-- 40 --										
-- 50 --								49, Py burrow		
-- 60 --					gradational					
63		2.5Y 4/1	silt	f. sand (foram)	massive			silty mud - foram present		
-- 70 --								70 or 72, Py burrows		
-- 80 --								84 or 85, Py burrows		
-- 90 --								90, Py burrow		
-- 100 --								99, Py burrow 103. shell fragments		
106										
-- 110 --		10Y 4/1	clay	f. sand (foram)	gradational			mud - foram present		
-- 120 --								115, shell fragments 118) small Py burrows 123		
-- 130 --										
-- 140 --					gradational			134, shell fragment 139. shell fragments		
144								silty mud		
-- 150 --		2.5Y 4/1	silt	f. sand (foram)				147. shell fragments		

fining upward

coarsening upward

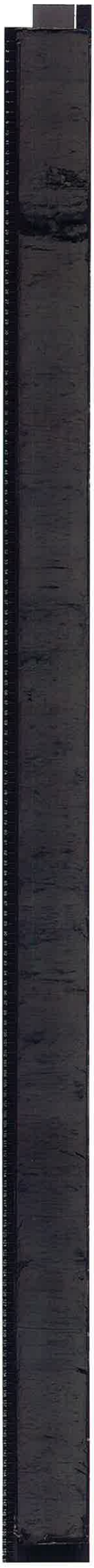
MAJOR LITHOLOGY:

MINOR LITHOLOGY:

339-U1390B-4H-4-A_SHLF?640831_20120106053632_.tif

2745

Expedition 339: Mediterranean Outflow



Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
								SF	2012 1/6

-- 0 --

-- 10 --

18

//// crack

-- 20 --

21

-- 30 --

-- 40 --

-- 50 --

-- 60 --

-- 70 --

-- 80 --

-- 90 --

-- 100 --

-- 110 --

-- 120 --

-- 130 --

-- 140 --

-- 150 --

8, shell fragment

12, shell fragment

14~16, echinoids fragments

36, shell fragments

40, shell fragments

54, P/ burrow

56, P/ burrow

57.

63~64, shell fragments

coarser part

87

101, P/ burrow

gradational

Coarsening upward

121

10Y 4/1

clay

f sand (foram)

massive

BI 2

mud - foram present

123. shell fragments

128. shell fragment

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:
								SF	2012 1/6

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

- same as above
- 5, shell fragments
- 24. shell fragments
- 50~53, shell fragments
- 56. shell fragment.
- 90, shell fragments.
- 145, benthic foram (1.5mm)

10Y 4/1 | silt | C. sand (foram) | massive | BI 3 | gradational

silty mud
132~134, p. burrows

finning upward

shell fragment

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

339-U1390B-4H-6-A_SHLF[illegible]40891_20120106055852_.tif

Expedition 339: Mediterranean Outflow

	Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ST	Date: 2012 1/6
-- 0 -- 4								· Same as above ↕ shell fragments		
								· mud		
								5		
								9) Py burrows		
-- 10 --								11, Py burrow		
					gradational			17, Py burrow		
-- 20 --								21, shell fragment		
22		10Y 3/1	silt	m. sand (foram)	massive	BI 2		· silty mud		
								29~30, Py burrows.		
-- 30 --								32~34, shell fragments (filled burrow?)		
					gradational			40, Py burrow		
-- 40 --										
42		10Y 4/1	clay	m. sand (foram)	massive	BI 2		· mud		
								47, shell fragment		
-- 50 --								51~53, Py burrow		
-- 60 --								62, shell fragments		
-- 70 --										
-- 80 --										
-- 90 --								93, shell fragments		
								96, shell fragment		
-- 100 --										
-- 110 --								113, Py burrow		
-- 120 --								118, shell fragments		
-- 130 --								133, Py burrow		
-- 140 --										
-- 150 --										

coarsening upward

fining upward

coarsening upward.

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:
								SF	2012 1/6

-- 0 --

10

-- 10 --

Same as above

gradational

fining upward

10Y 4/1 | silt | f. sand (foram) | massive | BI 3

- silty mud - foram present
- 11~13, P/ burrows
- 18, shell fragments
- 23~25, P/ burrow

25

-- 20 --

gradational

-- 30 --

10Y 4/1 | clay | f. sand (foram) | massive | BI 2

mud - foram present
- 28, P/ burrow
- 29, shell fragments
- 36~38, shell fragments (burrow filled?)

coarsening upward

-- 40 --

41

10Y 4/1 | silt | f. sand (foram) | massive | BI 2

Silty mud - foram present
- 43~45, shell fragments
- 50, shell fragments

fining upward

-- 50 --

-- 60 --

gradational

- 60, shell fragment

63

10Y 4/1 | silt. | f. sand (foram) | massive. | BI 2

Sandy mud - foram present
- 64, shell fragment

fining upward

-- 70 --

71

-- 80 --

-- 90 --

-- 100 --

-- 110 --

-- 120 --

-- 130 --

-- 140 --

-- 150 --

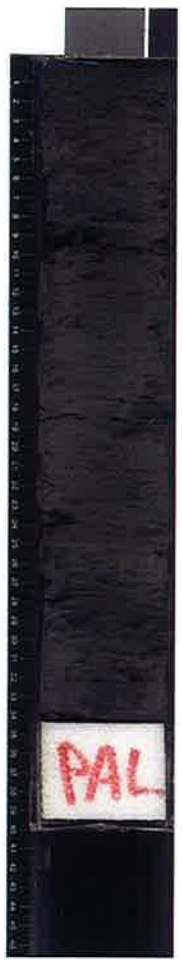
MAJOR LITHOLOGY:

MINOR LITHOLOGY:

339-U1390B-4H-CC-A_SHLF[illegible]640951_20120106061332_.tif

3749

Expedition 339: Mediterranean Outflow



	Drilling disturb.	Color	Grain-size Avg.	Grain-size Max.	Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
-- 0 --								same as above	ST	2012 1/6
3		10Y 3/1	clay	m. sand (foram)	(bioturbated (sharp)			mud - foram present		
-- 10 --								8, Py burrows		
					massive	BI 3				
-- 20 --								19, shell fragment (burrow filled?)		
								27) Py burrows		
-- 30 --								33		
34				PAL						
-- 40 --										
40										
-- 50 --										
-- 60 --										
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY: