

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: SF	Date: 2011 12/30
		Avg.	Max.						
--0-- --10-- 15 --20-- --30-- --40-- --50-- --60-- --70-- --80-- --90-- --100-- --110-- --120-- --130-- --140-- --150--	10Y 4/1 fractured	clay	h. sand (foram)	massive	B1 3		mud - foram present		
							85. shell fragment		
							97. shell fragment		
							112. shell fragments		
							120. echinoid spine		
							135. shell fragment		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: SF	Date: 2011 12/30
			Avg.	Max.						
-- 0 --								Same as above		
-- 10 --		10Y 4/1	silt	h. sand (foram)	massive	BI 3		gradational	3. shell fragment	
-- 20 --									13~14. shell fragment	
-- 30 --								gradational? (not clear)	30. shell fragment 34~36. shell fragment 39. shell fragment	
-- 40 --	↑ fractured ↓	10Y 4/1	silt	C. sand	massive?	? (BI 2)			sandy mud - foram present	
-- 50 --									shell fragment	
-- 60 --										
-- 70 --					sharp		170.5			
73			clay	h. sand (foram)	massive	BI 3			mud - foram present	
-- 80 --									77 burrow filled silt. 79	
-- 90 --										
-- 100 --									99. shell fragment 110. shell fragment	
-- 110 --								gradational.		
115										
120		10Y 4/1	vt. sand	h. sand (foram)	massive	BI 3			silty sand! - foram present	small shell fragments
120										finely upward
-- 130 --		10Y 4/1	clay	h. sand (foram)	bioturbated contact (potentially sharp)				mud - foram present	
-- 130 --					massive	BI 3			131~133. shell fragments	
-- 140 --										
-- 150 --									144. shell fragment	

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		Avg.	Max.						
-- 0 --							Same as above 3. shell fragment		
-- 10 -- 15				gradational					
-- 20 -- 26	10x 4/1	silt	h. sand (foram)	massive sharp	BI 3		sandy mud - foram present 22-26, shell fragments 25, tube worm, echinoid spine		
-- 30 --	10x 4/1 (greenish)	clay	h. sand (foram)	massive	BI 3		mud (greenish) - foram present		
-- 40 --									
-- 50 --							46, shell fragment 52, py burrow Mud with Bio Carb		
-- 60 --						60 55	58-59, shell fragments 69, py burrow		
-- 70 --	10x 4/1 (greenish)								
-- 80 --	79 16x 4/1 (light)			gradational			mud (light) Calcareous Mud		
-- 90 --	95			gradational			mud (dark)		
-- 100 --	10x 4/1 (dark)					99 55			
-- 110 --							114, burrow filled greenish mud		
-- 120 --									
-- 130 --									
-- 140 --							139, shell fragment 140, shell fragment		
-- 150 --									

↑
fining upward

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		Avg.	Max.						
--0--							Same as above		
--10--									
27 --20--	10Y 4/1	silt	h. sand (foram)	gradational massive	BI 3		20, shell fragment		fining upward
--30--	10Y 4/1	clay	h. sand (foram)	sharp massive	BI 3		mud - foram present		
--40--									
--50--									
--60--									
69 --70--	10Y 4/1	silt	h. sand (foram)	gradational massive	BI 3		sandy mud - foram present		fining upward
77 --80--	10Y 4/1	silt	h. sand (foram)	bioturbated massive	BI 3		silt mud - foram present		
--90--					88		88 89, shell fragment		
--100--							a lot of burrows		
--110--							103		
--120--							109, shell fragment 110, echinoids spine		
--130--							118, shell fragment		
134 --130--				gradat. sand? (not clear)			132, shell fragment		
--140--	↑ fractured ↓	10Y 4/1	silt h. sand	?	?		sandy mud - foram present		
--150--							139, shell fragment		

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			Avg.	Max.						
--0--	↑ fractured ↓							same as above.		
--10--								7, shell fragment		
12		10Y 4/1	silt	med. sand (foram)	massive	BI 3		Silty mud - foram present 14 burrow filled silt. 14, shell fragments		
--20--								22, shell fragment		
--30--								27, shell fragment		
--40--								45, shell fragment		
--50--										
--60--										
--70--								71, py burrow		
--80--										
--90--							90 SS	94, foram patch		
--100--								100, shell fragment		
--110--								105, py burrow		
										Calcareous Mud
--120--										
--130--								130, shell fragment		
								131, shell fragments		
--140--								141, shell fragments		
--150--										

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		Avg.	Max.						
-- 0 --	10Y 4/1						Same as above - 2, shell fragment		
9.				<u>gradational</u>					
-- 10 --	10Y 4/1	clay	m. sand (foram)	massive	BZ 3		mud - foram present		
-- 20 --							- 21, shell fragment		
							- 27, shell fragments		
-- 30 --									
-- 40 --									
-- 50 --							- 52, py burrow		
-- 60 --									
-- 70 --									
78.				<u>gradational</u>					
-- 80 --	10Y 4/1	silt	m. sand (foram)	massive			silty mud - foram present		
-- 90 --							- 88, shell fragments		
							- 96, shell fragments		
-- 100 --									
109.									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

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MINOR LITHOLOGY:



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		Avg.	Max.						
-- 0 -- 9				gradat'one			Same as above - 3. shell frag ment		
9	10x 4/1	silt	m. sand (foram)	massive	DI 3		Sandy mud - foram present - 5. shell frag		
-- 10 -- 14		PAL							
-- 20 --									
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

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MINOR LITHOLOGY: