



Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: JK	Date: 12/22/11
		Avg.	Max.						
	54 4/2	silt	med sand		3		0-12 cm <sup>Color</sup> Silty mud + Shell fragments		
		clay	Med Sand				11-14 cm gradational contact cm-scale silt-filled burrows to 25 cm		
							12-133 cm <sup>Color</sup> Mud Shell fragments		
							All with forams & mm-scale burrow fills of pyrite		
							Shell frags 81-83 cm		
	NONE						Shell frags 94 cm		
							115 cm Shell frags to base of core		
							133 cm Gradational contact		
		silt	Med Sand				133-150 cm <sup>Color</sup> Silty mud		
							150 cm		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

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		Avg.	Max.						
--0--	None 54 4 1/2				3		0-23 cm <u>Calc. Mud</u> } 6-8 cm Small shell frags (SSF) } 20-22 SSF 22-25 cm Gradational contact 23-27 cm <u>Calc. contact</u> Silty mud 27 cm Sharp, slightly irregular contact 27-34 cm <u>Calc. Mud</u> 33-35 cm Irregular gradational contact } 35-38 cm SSF 34-48 cm: <u>Calc. Silty Mud</u> } 42-48 cm SSF 48 cm Sharp contact 48-62 cm: <u>Calc. Mud</u> 60-62 cm Irregular gradational contact 61-101 cm: <u>Calc. Silty mud</u> } 71-75 cm SSF - 86 cm ↑ SSF -91 Shell fragment ↓ SSF - 97 cm 101 cm Gradational contact 101-114 cm: <u>Calc. Mud</u> 113-115 cm Irregular gradational contact ↑ SSF throughout 114-150 cm: <u>Calc. Silty Mud</u> Continues on Section 4 150 cm		
--10--		Clay	Med Sand						
--20--		Silt	Med Sand						
--30--		Clay	med sand						
--40--		silt	med sand						
--50--		clay	med sand						
--60--									
--70--		silt	med sand						
--80--									
--90--									
--100--									
--110--		clay	med sand						
--120--									
--130--		silt	med sand						
--140--									
--150--									

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MINOR LITHOLOGY:

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		Avg.	Max.						
0	5Y 4/1	silt	med sand		H		0-150 cm: <sup>Case</sup> Silty mud, with forams, shell fragments & cm-scale pyritic burrow fill.		
10							10 cm Shell frag		
20							18-20 cm Shell frag		
30							Locally with cm-scale mottles of mud -- may indicate @. deposition of muddy thin interbeds, now disrupted by bioturbation		
40							41 cm Shell frag		
50									
60							59-60 cm bivalve frag		
70							66 cm Shell frag.		
80									
90							90 cm: <sup>Case</sup> Nano silty mud		
100							89 cm 2 cm-long <del>echinoid spine</del> scaphopod (horizontal)	SS 90 cm	
110							110-112 shell frag <del>echinoid spine?</del> scaphopod (vertical)		
120							120-122 shell frag <del>echinoid spine?</del> scaphopod (vertical)		
130							128-129 shell frag		
140									
150							150 cm		

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		Avg.	Max.						
	54 4/1	silt	med sand		4		0-67 cm: 5 cm <sup>Cole.</sup> Silty mud Shell frag	JK	12/22/14
							-16 cm Shell frag		
							} 22-25 cm Shell frag.		
							} 39-40 cm Shell frag		
							} 48-50 cm Shell frag		
							-54 cm Shell frag		
							65-69 cm: Gradational irregular contact		
		vfs	ms		3		67-78 cm: <sup>Cole.</sup> Silty sand		
	NONE						77-80 cm: Gradational irregular contact		
		clay	ms		3		78-82 cm: Mud		
							80-83 cm: Gradational irregular contact		
		silt	ms		4		82-107 cm: <sup>Cole.</sup> Silty mud		
				Fu			Slight normal grading in basal 10 cm		
		silt	ms				107 cm: Gradational contact		
				Fu?			107-117 cm: <sup>Cole.</sup> Silty mud		
		fs	fs?		1?	118 SS	117 cm: Gradational contact <sup>Cole?</sup>		
							118.5 cm: Sharp contact irregular		
					3		117-119 cm: Sand		
							118 cm: Sandy mud w/ biogenic carbonate		
							119-150 cm: <sup>Cole.</sup> Silty mud		
							} 134-136 cm Shell frag		
							150 cm		

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		Avg.	Max.						
								ZK	12/22/11
--0--		silt	med sand		3		0-5 cm <sup>Calc.</sup> Silty mud		
		clay	med sand		3		5 cm: Irregular contact (sharp)		
--10--		fs	fs?		1		5-12 cm: Mud		
		silt	med sand		3		12 cm: Sharp irregular contact		
--20--							12-14 cm: <sup>Calc.</sup> Sand?		
							14 cm: Sharp irregular contact		
--30--							14-52 cm: <sup>Calc.</sup> Silty mud		
							34 cm Shell frag		
--40--							35-37 Shell frag		
							<del>echinoid spine</del> scaphopod (vertical)		
--50--							52 cm		
							52 cm		
--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 --	54 4/11	silt	med sand		3		0-12 cm Silty mud <i>Cole.</i>	JK	12/22/11
-- 10 --		clay	med sand		3	Small shell frags, forams & mm-scale pyrite burrow fills	12 cm Sharp irregular contact		
-- 20 --	NONE ↓						12-29 cm <i>Cole.</i> Mud		
-- 29 --		29 cm						29 cm	
-- 30 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

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MINOR LITHOLOGY: