

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp.	Site	Hole	Core	Type	Section
347	61	C	1	H	1

Date	Time	Observers
3/2/14	18:50	TBJ/CST

[cm]	Graphic Lith.	Lith.	Bioturb.	Structure	Fossils	Sorting Round-ness										Color	Accessories	Core Disturbance	Description
						w	m	vp	bl	r	a								
0																		GREENISH GRAY - BLACK ORGANIC RICH CLAY, LOOSE, UPPERMOST 80CM MOSTLY GRAY AT BOTTOM MOSTLY BLACK, WEAK LAMINATION, DISTURBED BY SMALL VOIDS DUE TO EXPANDED METHANE, LAMINATIONS MM SIZE, VERY WELL SORTED, MODERATELY - HEAVILY DISTURBED	
10																	~		
20																			
30																	~		
40																			
50																			
60																	~		
70																			
80																			
90																			
100																			
110																			
120																			
130																			
140																			
150																			
160																			

CLAY

5/10_v

CLAY

2.5/N

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 1	Type H	Section 2
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Date 3/2 14	Time 18:59	Observers JBJ / CST
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting Roundness							Color	Accessories	Core Disturbance	Description				
					w	m	v	p	bl	r	a								
0																			
10																		BLAK, ORGANIC RICH CLAY, LOOSE, WEAK LAMINATION, DISTURBED BY SMALL VOIDS DUE TO EXPANDING METHANE, LAMINATION MM SIZE, VERY WELL SORTED, MODERATELY DISTURBED, GRADUAL LOWER BOUNDARY COLOR CHANGE.	
20																			
30																			
40																			
50																			
60																			
70																			
80																			
90																			
100																			
110																			CLAY, VERY DARK GREENISH GRAY, WEAK LAMINATION MM SIZE, DISTURBED BY FEW SMALL VOIDS DUE TO METHANE EXPANSION. VERY WELL SORTED, MODERATELY DISTURBED.
120																			
130																			
140																			
150																			
160																			

6LE4
2.5
/N

6LE4
3
/104

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 1	Type H	Section 3
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Date 3/2/14	Time 19:07	Observers BJ/CST
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Round-ness							Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r	a					
0	[REDACTED]										CLAY 3/10 ²			VERY DARK GREENISH GRAY, CLAY, WITH LAMINATION BY COLOR, MM SIZE, VERY WELL SORTED, SLIGHTLY DISTURBED.
10	[REDACTED]													
20	[REDACTED]													
30	[REDACTED]													
40	[REDACTED]													
50	[REDACTED]													
60	[REDACTED]													
70	[REDACTED]													
80	[REDACTED]													
90	[REDACTED]													
100	[REDACTED]													
110	[REDACTED]													
120	[REDACTED]													
130	[REDACTED]													
140	[REDACTED]													
150	[REDACTED]													
160	[REDACTED]													

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 1	Type H	Section CC
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Date 3/2 14	Time 14:12	Observers JBT/AST
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Round-ness					Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r				
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160								CLAY 3/104			VERY DARK GREENISH GRAY, CLAY, WEAK LAMINATION, BY COLOR, MM SIZE, VERY WELL SORTED, MODERATELY DISTURBED.	

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 2	Type H	Section 1
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Date 3/2/14	Time	Observers SCT/JBT
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Round-ness					Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r				
0												Degraded upper 20 cm, Green-gray clay, Fine grained well sorted with distinct cm scale colour banding composed of some faint mm scale laminations organic rich dark bands 2 cm scale some faint bioturbation
10												
20												
30												
40												
50												
60												
70												
80												
90												
100												
110												
120												
130												
140												
150												
160												

104/4

slight

core broken @ 66.5 and 70.5 cm

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 2	Type H	Section 3
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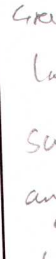
Date 3/2/14	Time	Observers SJS/JBT
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Roundness					Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r				
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160				w m vp bl r a					10y / 3	slight	Gray clay. Fine grained well sorted Core surface smeared with grooves - v. faint mm-scale lamination	

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 2	Type H	Section CC
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Date 3/2/14	Time	Observers SCT/JBT
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
				w m vp bl r a					
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160									Gray to black mm-scale laminated clay surface heavily distorted, lumpy and pitted. Organic rich intervals.

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 3	Type H	Section 1
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Date 3/2/14	Time 20:05	Observers SCT/JBS
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Roundness					Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r				
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160									GLEY 5/104	mod	CORE surface GREENISH GRAY, CLAY, WEAK LAMINATION BY COLOR, CM SIZE LAMINA FROM 0.5 - ABOUT 1.5 UP TO 10 CM, VERY WELL SORTED, INTERVALS WITH HEAVY DISTURBANCE 0-2 CM, 64-70 CM, 87-94 CM, 131-150 CM, MANY HORIZONTAL CRACKS MADE BY CORING, REST OF CORE MODERATELY DISTURBED.	

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 3	Type H	Section 2
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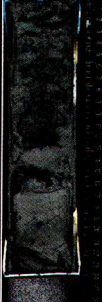
Date 3/2/14	Time 20:15	Observers JBS/OSJ
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Roundness										Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r	a								
0																	DARK GREENISH GRAY, CLAY, WEAK LAMINATION BY COLOR, CM SIZE, VERY WELL SORTED, UPPERMOST 15CM HEAVILY DISTURBED WITH MANY VOIDS, REST SLIGHTLY DISTURBED, SHARP LOWER BOUNDARY.
10																	
20																	
30																	
40																	
50																	
60																	
70																	
80																	
90														92 CM			BLACK AND GREENISH GRAY, CLAY, LAMINATED, MM - 0.5CM SIZE, IRON SULFIDE BANDS, IN THE CLAY, GRADUAL LOWER BOUNDARY, VERY WELL SORTED, SLIGHTLY DISTURBED.
100																	
110																	
120																	
130																	
140														136 CM			DARK GREENISH GRAY, CLAY, LAMINATED, SULFIDE BANDS, VERY WELL SORTED, SLIGHTLY DISTURBED.
150																	
160																	

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 3	Type H	Section CC
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Date 3/2/10	Time 20:55	Observers JBT/CSJ
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[cm]	Graphic Lith. Bioturb.	Structure Fossils	Sorting w m vp bl r a	Round-ness	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160					GRAY 5/W			GRAY CLAY VERY WELL SORTED, HEAVILY DISTURBED.

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 4	Type H	Section 1
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Date 3/2/14	Time	Observers SCJ/JBS
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Round-ness					Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r				
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160									10y/ 4		sandy	<p>Gray clay. Fine grained well sorted, with interbedded clay/silt mm-cm scale laminations. Laminations v. faint and heavily distorted by water.</p> <p>cm scale laminations more distinctive, however are still heavily water logged. grain size banding with clay/silty horizons.</p>

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 4	Type H	Section 2
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Date 3/2/14	Time	Observers SCJ/SBS
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
				w m vp bl r a					
0	[Photograph of core sample]					10 y / 4			water logged core surface smeared by some mm - cm scale lamination can be discerned clay/silt alternating laminations in places. Becoming coarser towards base with some cm-scale silty sand laminations
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									
160									


Increased silty fine sand
component towards the base.

cavity @ base

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 4	Type H	Section 3
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Date 3/2/14	Time	Observers SCT/JSJ
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[cm]	Graphic Lith. Bioturb.	Structure Fossils	Sorting w m vp bl r a	Round-ness	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160	 <i>27cm</i>				<i>10Y/4</i>		<i>504/4</i>	Gray clay, fine grained no internal structure - water saturated.

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 6	Type H	Section 2
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Date 04.02.14	Time 08:51	Observers M4/SP
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting	Roundness	Color	Accessories	Core Disturbance	Description
				w m vp bl r a					
0									<p>dark greenish gray fine-medium sand with minor silt component (10Y4/1)</p> <ul style="list-style-type: none"> • well sorted • mica occur • 38-49 cm silt laminae (cracks) → could also fining upwards • highly disturbed? (surface water saturated) • difficult to see sed. structures
10									
20									
30									
38			↑ silt ↓					3	
49									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									
160									

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 6	Type H	Section 3
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Date 04.02.14	Time 09:00	Observers MMS/SP
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting	Roundness	Color	Accessories	Core Disturbance	Description
				w m vp bl r a					
0	[Photograph of core sample]		homogeneous medium sand						<ul style="list-style-type: none"> • dark greenish gray • medium sand • homogeneous • well sorted • mica occur - silt laminae at 16-18cm • slightly discolored
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									
160									

IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 61	Hole C	Core 7	Type H	Section 3
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Date 09/02/14	Time 10:00	Observers MG/SP
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Round-ness					Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r				
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160											1 1 · homogeneous · well sorted · moderately disturbed · water occur	