

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

Exp. 347	Site 63	Hole A	Core 1	Type P	Section 1
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Date 05.02.14	Time 17:30	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting	Roundness	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160										<ul style="list-style-type: none"> <li>0 - black organic rich clay</li> <li>0 (5/2.5/1)</li> <li>0 - soupy (totally mixed)</li> <li>0 - gas voids</li> <li>6 - no sedimentary features visible</li> <li>0 - very well sorted</li> <li>6 - possible oxidized</li> <li>6 - gas bubbles</li> </ul>



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

Exp. 347	Site 63	Hole A	Core 2	Type H	Section 2
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Date 05/02/14	Time 12:40	Observers MK/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 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160													black clay (S/R 5/11) - soapy (total disturbed) - strongly expanded clay to degassing - very well sorted - no sed. structures visible - gas voids - strongly oxidized along core line and cracks (olive, S/R 5/13) - 104-150 - reddish brown oxidized with some cracks (S/R 4/4) - organic-rich	

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

Exp. 347	Site 63	Hole A	Core 2	Type H	Section 3
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Date 05.02.14	Time 12:50	Observers MK/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 section]								<ul style="list-style-type: none"> <li>• olive gray to black clay</li> <li>(54 4/2 - 54 25/1)</li> <li>• strongly oxidized along core lens and cracks</li> <li>→ color change (normal color black)</li> <li>• very well sorted</li> <li>• a lot of cracks and voids, due to degassing</li> <li>→ strongly expanded sediment</li> <li>• highly disturbed!</li> <li>• lamination possible but not visible</li> <li>• organic-rich</li> </ul>
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 63	Hole A	Core 3	Type H	Section 1
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Date 2/5/14	Time	Observers MK/SP
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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		0						- - - - : -	Black (5Y 2.5/1) clay, laminated by color between olive (5Y 4/3) and black; laminae are mm-scale 0-23 cm: disturbed











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

Exp. 347	Site 63	Hole A	Core 5	Type H	Section 1
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Date 5/2/14	Time	Observers SCJ/JBJ
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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	[Photograph of core sample]						N2.5		mod.	<p>Black organic rich clay,                      Fine grained, well sorted,                      with faint mm-scale lamination.                      Evidence of methane escape.                      Surface smeared and                      broken in places.</p>



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

Exp. 347	Site 63	Hole A	Core 5	Type H	Section 3
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Date 5/2/14	Time	Observers SCS/JBT
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[cm]	Graphic Lith.	Biostrat.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160	[Obscured]				N/2.5		mod	Black organic-red clay Fine grained, well sorted Faint m.m. scale colour lamination. Core heavily fragmented across with oxidation in lower most 10-15 cm

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

Exp. 347	Site 63	Hole A	Core 5	Type H	Section CC
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Date	Time	Observers
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[cm]	Graphic Lith. Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160				N/2.5			Black, organic-rich clay, with faint mm-scale laminations. Heavily broken apart with oxidation along liner contact. Core mass missing ~40%.







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

Exp. 347	Site 63	Hole A	Core 6	Type H	Section 3
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Date 5/2/14	Time 16:30	Observers JBJ/CST
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160					CLAY 2.5/100  /  CLAY 5/100			BLACK, ORGANIC RICH CLAY, WEAK LAMINATION BY COLOR, MM SCALE, VERY WELL SORTED, SLIGHTLY DISTURBED HORIZONTAL CRACKS THROUGHOUT THE CORE TOP AND BOTTOM OXIDISED GREENISH GRAY,





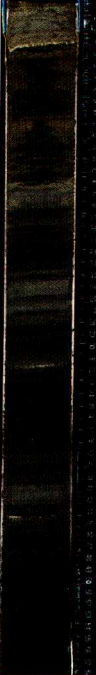




# IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 63	Hole A	Core 8	Type H	Section 3
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Date 5/2/14	Time 17:35	Observers JB, CSJ
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness						Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r	a				
0										54			GRAY - DARK GRAY, ORGANIC RICH CLAY, LAMINATED MM SCALE BUNDLE, COHESIVE IN CM SCALE, VERY WELL SORTED GYTTA CLAY, SLIGHTLY DISTURBED.
10										5/1			
20										54			
30										3/1			
40													
50													
60													
70													
80													
90													
100													
110													
120													
130													
140													
150													
160													








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

Exp. 347	Site 63	Hole A	Core 9	Type H	Section 3
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Date 5/2/14	Time	Observers SCJ/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					5Y 4/1			Nearly oxidized yellow brown  Dark gray-black, Organic rich clay with mm-scale lamination



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

Exp. 347	Site 63	Hole A	Core 10	Type H	Section 2
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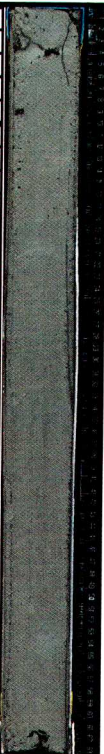
Date 5/2/14	Time 18:55	Observers JBJ/MSJ
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting Roundness	Color	Accessories	Core Disturbance	Description
					w m vp bl r a				
0						CLAY 5/ 104			GREENISH GRAY, CLAY WEAK CONTENTS OF SILT, MASSIVE VERY WELL SORTED MODERATELY DISTURBED HORIZONTAL CRACKS. LOIDS .79-300µm, 63-64µm, 47-82µm, 90-94µm, 102-103µm.
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.	Site	Hole	Core	Type	Section
347	63	A	10	H	3


Date	Time	Observers
5/2/14	18:58	JBS/MSJ

[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
				w m vp bl r a					
0						GRAY  5/ /N			GRAY, CLAY, MASSIVE, VERY WELL SORTED, SLIGHTLY DISTURBED.
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 63	Hole A	Core 10	Type H	Section CC
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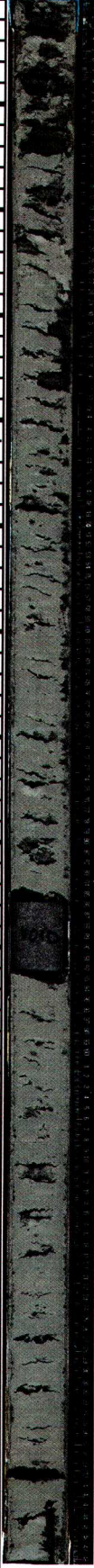
Date 5/2/14	Time 14:05	Observers JBT/CSJ
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
				w m vp bl r	a				
0						GRAY 5/N			GRAY, CLAY, MASSIVE VERY WELL SORTED <del>HTG</del> HEAVILY DISTURBED.
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 63	Hole A	Core 11	Type H	Section 1
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Date 5/2/14	Time	Observers SCT/JBS
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160					10G4 4/1		mod	Green-gray clay. Fine grained. Well sorted.  Core surface - poor quality with cm-scale cracks and cavities.  No visible internal structure.
							VOID	85.5 - 94.5 cm

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

Exp. 347	Site 63	Hole A	Core 11	Type H	Section 2
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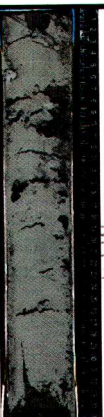
Date 5/2/14	Time	Observers SCS/JBS
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160								<p>mod Gray fine grained, well sorted clay. With lots of cracks and cavities - poor quality. No visible internal structure.</p> <p>void 30-37 cm</p> <p>@ 50-52 - crack through core</p> <p>@ 94-96 cm crack through core</p>

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

Exp. 347	Site 63	Hole A	Core 11	Type H	Section 3
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Date 5/2/14	Time	Observers SCS/SBS
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160					10G4 241		mod	Gray clay, Fine grained well sorted, cracks and cavities, through and along core. No visible internal structure. -Massive homogeneous.



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

Exp. 347	Site 63	Hole A	Core 12	Type H	Section 1
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Date 5/2/14	Time 20:05	Observers JBJ/PST
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160					6EY4 5/N		Z Z Z	GRAY, CLAY, MASSIVE, WELL SORTED HEAVILY DISTURBED, SOFT SEDIMENT DEFORMATION LOWER BOUNDARY
					6EY4 5/N		Z	GRAY, SAND AND CLAY, MASSIVE, WELL SORTED, HEAVILY DISTURBED SOFT SEDIMENT DEFORMATION

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

Exp. 347	Site 63	Hole A	Core 12	Type H	Section 2
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Date 5/2/14	Time 20:08	Observers JBJ/CST
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting Roundness					Color	Accessories	Core Disturbance	Description	
					w	m	vp	bl	r					a
0														
10														GRAY, CLAY, MASSIVE
20														CONTORTED HEAVILY,
30														CONTENTS OF SILT AND
40														SAND, GRAINS,
50														FEW PEBBLES
60														DISPERSED LOWERMOST
70														20 CM. MODERATELY SORTED.
80														MODERATELY DISTURBED.
90														LOWER PART:
100														<del>SAND</del>
110														CLAY/SILT
120														WITH DISPERSED
130														CLASTS
140														
150														
160														

CLAY  
5/N

○ 1  
○ PEBBLE 1



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

Exp. 347	Site 63	Hole A	Core 13	Type H	Section 1
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Date 5/2/14	Time 20:20	Observers JBT/MSJ
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0	[Photograph of core section]				CLAY			GRAY, CLAY, CONTAINS
10					5/N		~	OF SILT AND SAND, HEAVILY DISTURBED TO
20								SOUPY
30								WELL SORTED
40								SOFT SEDIMENT
50								DEFORMATION LOWER
60		SAND				"		BOUNDARY
70								GRAY, SAND, MEDIUM, MODERATELY SORTED,
80								HEAVILY DISTURBED, <del>WELL</del> SOFT SEDIMENT
90								DEFORMATION LOWER BOUNDARY
100						CLAY		SUBSEQUENT, CUBIC, QUARTZ CRYSTALLINE
110								GRAY, CLAY,
120								VERY WELL SORTED, WEAK LAMINATION
130								BY COLOR, CM SCALE, MODERATELY TO
140								SLIGHTLY DISTURBED.
150								
160								



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

Exp. 347	Site 63	Hole A	Core 13	Type H	Section 3
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Date 5/2/14	Time 20:40	Observers JBT/CST
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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											<p>0-40 cm: GRAY, CLAY, MASSIVE TO CONTORTED, VERY WELL SORTED, SLIGHTLY DISTURBED, SHARP LOWER BOUNDARY.</p> <p>40-160 cm: GRAY, CLAY AND SILT INTERLAMINATED, SILT LAMINA MM SCALE, CLAY LAMINA CM SCALE, VERY WELL SORTED, SLIGHTLY DISTURBED.</p>	
									<p>0-40 cm: GLEY 5/N</p> <p>40-160 cm: 10YR 6/7</p>			

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

Exp. 347	Site 63	Hole A	Core 13	Type H	Section CC
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Date 5/2/14	Time 20:45	Observers JBJ/CST
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting Roundness	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						10YR 6/1			GRAY CLAY AND SILT, INTERLAMINATED, SILT LAMINA MM SCALE CLAY LAMINA CM SCALE VERY WELL SORTED. MODERATELY DISTURBED.

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

Exp. 347	Site 63	Hole A	Core 14	Type H	Section 1
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Date 5/2/14	Time	Observers SCJ/JOT
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160					S/G 5/1		soapy	Water logged, distorted and cavity-ridden gray clay. Fine grained, well sorted surface heavily distorted, no visible internal structure.

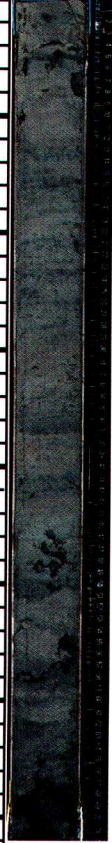




# IODP-MSP (Exp. 347) VISUAL SECTION UNIT DESCRIPTION

Exp. 347	Site 63	Hole A	Core 14	Type H	Section 3
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Date 5/2/14	Time	Observers SCT/TBJ
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160					5G7 4/1			Gray clay, Fine grained well sorted.  Clay smeared during splitting - no visible structure Homogenous & massive  cavity in basal 10cm.

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

Exp. 347	Site 63	Hole A	Core 14	Type H	Section CC
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Date 5/2/14	Time	Observers SCS/JBT
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Round-ness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160					SG 3/1		slight	Dark gray clay. Fine grained, well sorted.

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

Exp. 347	Site 63	Hole A	Core 15	Type H	Section 1
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Date 5/2/11	Time	Observers SCJ/JOJ
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[cm]	Graphic Lith.	Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0	[Shaded area representing lithology]					10Y 4/1			Gray clay. Fine grained well sorted.
10									Surface of core degraded and smeared. No internal structure visible - homogenous & massive
20									Black - organic rich? smears in 'soupy' upper horizon
30									
40									
50									
60									Fine grained silty sand interval mm scale
70									@ 70cm organic rich black clay layer - mm scale.
80									
90									
100									
110									
120									
130									
140									
150									
160									

soupy

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

Exp. 347	Site 63	Hole A	Core 15	Type H	Section 2
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Date 5/2/14	Time	Observers SCS/JBJ
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting Round-ness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160									<p>Gray clay, Finegrained well sorted.</p> <p>Core surface smeared and scratched however some mm-scale colour lamination is visible (very faint)</p> <p>⊕ 47cm cm-thick break in core.</p> <p>mm scale fine silty sand lamination</p> <p>mm-scale fine silty sand lamination</p>

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

Exp. 347	Site 63	Hole A	Core 15	Type H	Section 3
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Date 5/2/14	Time	Observers SCT/STJ
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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 clay. Fine grained well sorted. Core surface smeared with some distorted 'pits' in surface

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

Exp. 347	Site 63	Hole A	Core 15	Type H	Section CC
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Date 5/2/14	Time	Observers SCS/JSJ
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness <small>w m vp bl r a</small>	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160					10Y 4/1		slight	Core surface smeared - no visible structures  Gray clay - well sorted fine grained

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

Exp. 347	Site 63	Hole A	Core 16	Type H	Section 1
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Date 5/2/14	Time 21:35	Observers JB/AST
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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						GREY 4 / N			<p>DARK GRAY, CLAY, UPPER MOST 50 CM, HEAVILY DISTURBED TO SOUPY, REST SLIGHTLY DISTURBED, WEAK LAMINATION BY COLOR, LAMINATE 0.5-7 CM SIZE, VERY WELL SORTED</p>



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

Exp.	Site	Hole	Core	Type	Section
347	63	A	16	H	2

Date	Time	Observers
5/2/14	22:05	JBJ/CST

[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness					Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r				
0									6LEY			DARK GRAY, TO GRAYISH BROWN, CLAY, LAMINATED 0.5-1 CM SCALE, BY COLOR, VERY WELL SORTED, GRADUAL LOWER BOUNDARY, SLIGHTLY DISTURBED.
10									4/1N			
20									104R			
30									5/2			
40												
50												
60												
70												
80												
90												
100									6LEY 1			DARK GRAY, TO GRAYISH BROWN, CLAY, CONDUIT TO SLUMP STRUCTURES, VERY WELL SORTED, SLIGHTLY DISTURBED.
110									4/1N			
120									104R			
130									5/2			
140												
150												
160												

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

Exp. 347	Site 63	Hole A	Core 16	Type H	Section 3
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Date 5/2/14	Time 22:08	Observers JBT/MSJ
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Round-ness					Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r				
0	[Shaded area]											<p style="margin: 0;">DARK GRAY TO GRAYISH BROWN, CLAY, CONVOLUTE TO SLUMP, STRUCTURES, VERY WELL SORTED, SLIGHTLY DISTURBED.</p> <hr style="width: 20%; margin: 10px auto;"/> <p style="margin: 0;">LOWER MOST 15 cm GRAY MASSIVE.</p>
10												
20												
30												
40												
50												
60												
70												
80												
90												
100												
110												
120												
130												
140												
150												
160												

CLAY  
 4/11  
 104R  
 5/2

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

Exp. 347	Site 63	Hole A	Core 16	Type H	Section CC
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Date 5/2 74	Time 22:10	Observers JBJ/OST
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160					6LGY 4/N			DARK GRAY, CLAY MASSIVE, VERY WELL SORTED MODERATELY DISTURBED.

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

Exp. 347	Site 63	Hole A	Core 17	Type H	Section 1
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Date 06-02-14	Time 0800	Observers MK/SP
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[cm]	Graphic Lith.	Lith.	Bioturb.	Structure	Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
0	[Photograph of core section]										
10											
20											
30											
40											
50											
60											
70											
80											
90											
100											
110											
120											
130											
140											
150											
160											

fall-in (totally disturbed)

3

3

0-50 cm highly disturbed

1

1

1

1

1

1

1

1

1

1

- dark gray clay (S/Y 4/1)
- faint lamination by color
- very well sorted
- lamination banded down
- 1 (→ core disturbance?)
- moderately to highly disturbed
- no bioturbation visible
- 50-100 cm Core
- 1 disturbance along core
- 1 core
- complete bedding (preserving sed structure?)

∞

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

Exp. 347	Site 63	Hole A	Core 17	Type H	Section 2
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Date 08.02.14	Time 09.10	Observers M4/SP
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[cm]	Graphic Lith.	Lith.	Bioturb.	Structure   Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
					w m vp bl r a					
0	[Photograph of core]									<ul style="list-style-type: none"> <li>• dark gray clay (5Y4/1)</li> <li>• lamination by color</li> <li>• 0-64cm laminae banded (convolute bedding, core disturbance or primary sed. structure?)</li> <li>• very well sorted</li> <li>• moderately to possible highly core disturbance</li> <li>• no bioturbation visible</li> </ul>
10										
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										
160										

change in color and grain size



darkly laminar banded down (core disturbance)

convolute bedding

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

Exp. 347	Site 63	Hole A	Core 17	Type H	Section 3
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Date 06.02.14	Time 08:15	Observers MKSP
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting	Roundness	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										<ul style="list-style-type: none"> <li>• dark gray clay (SY 4/1)</li> <li>• lamination by color</li> <li>• cm-scale</li> <li>• lamination banded down (core disturbance)</li> <li>• very well sorted</li> <li>• slightly disturbed</li> <li>• no bioturbation visible</li> </ul>

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

Exp. 347	Site 63	Hole A	Core 17	Type H	Section CC
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Date 06.02.14	Time 08.22	Observers MK/SP
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[cm]	Graphic Lith.	Lith.	Bioturb.	Structure   Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
					w m vp bl r a					
0	[Photograph of core sample]									<ul style="list-style-type: none"> <li>1 • dark gray clay (5/4M)</li> <li>1 • lamination by color (faint) (cm-scale)</li> <li>• moderately disturbed</li> <li>• low bioturbation</li> </ul>
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 63	Hole A	Core 18	Type H	Section 1
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Date 06.02.14	Time 08:50	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting	Roundness	Color	Accessories	Core Disturbance	Description
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;">0</div> <div style="margin-bottom: 5px;">10</div> <div style="margin-bottom: 5px;">20</div> <div style="margin-bottom: 5px;">30</div> <div style="margin-bottom: 5px;">40</div> <div style="margin-bottom: 5px;">50</div> <div style="margin-bottom: 5px;">60</div> <div style="margin-bottom: 5px;">70</div> <div style="margin-bottom: 5px;">80</div> <div style="margin-bottom: 5px;">90</div> <div style="margin-bottom: 5px;">100</div> <div style="margin-bottom: 5px;">110</div> <div style="margin-bottom: 5px;">120</div> <div style="margin-bottom: 5px;">130</div> <div style="margin-bottom: 5px;">140</div> <div style="margin-bottom: 5px;">150</div> <div style="margin-bottom: 5px;">160</div> </div>			<p style="text-align: center; font-size: 1.2em;">disturbed</p> <hr style="width: 50%; margin: 0 auto;"/> <p style="text-align: center; font-size: 0.8em;">laminar cm-scale (11-12 mm each lamina)</p> <hr style="width: 50%; margin: 0 auto;"/> <p style="text-align: center; font-size: 0.8em;">faint laminar color</p>						<p>• dark gray clay (5941A)</p> <p>• laminar by color</p> <p>• 37 - 83cm → 40 laminae (11-12 mm lamina thickness)</p> <p>• very well sorted</p> <p>• 93-150 cm faint laminar by color (mostly homogeneous)</p> <p>• slightly disturbed</p> <p>• no bioturbation visible</p>



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

Exp. 347	Site 63	Hole A	Core 18	Type H	Section 2
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Date 06.02.14	Time 08:35	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;">0</div> <div style="margin-bottom: 5px;">10</div> <div style="margin-bottom: 5px;">20</div> <div style="margin-bottom: 5px;">30</div> <div style="margin-bottom: 5px;">40</div> <div style="margin-bottom: 5px;">50</div> <div style="margin-bottom: 5px;">60</div> <div style="margin-bottom: 5px;">70</div> <div style="margin-bottom: 5px;">80</div> <div style="margin-bottom: 5px;">90</div> <div style="margin-bottom: 5px;">100</div> <div style="margin-bottom: 5px;">110</div> <div style="margin-bottom: 5px;">120</div> <div style="margin-bottom: 5px;">130</div> <div style="margin-bottom: 5px;">140</div> <div style="margin-bottom: 5px;">150</div> <div style="margin-bottom: 5px;">160</div> </div>			<p style="text-align: center;">reddish particle</p> <p style="text-align: center;">very faint lamination</p> <p style="text-align: center;">faint lamination by color + grain size</p> <p style="text-align: center;">silty clay lamina</p> <p style="text-align: center;">sand in thin clast? (Ø 3 mm)</p>						<ul style="list-style-type: none"> <li>• dark grey clay (3) 4/17</li> <li>• very faint to faint lamination by color</li> <li>• silty clay laminae at 68 cm</li> <li>• sandy silt in clast at 100 cm (or artificial due to cutting)</li> <li>• very well sorted</li> <li>• slightly disturbed</li> <li>• 100-120 cm → 22 laminae</li> <li>• Ø 9 mm lamina thickness</li> </ul>



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

Exp. 347	Site 63	Hole A	Core 18	Type H	Section CC
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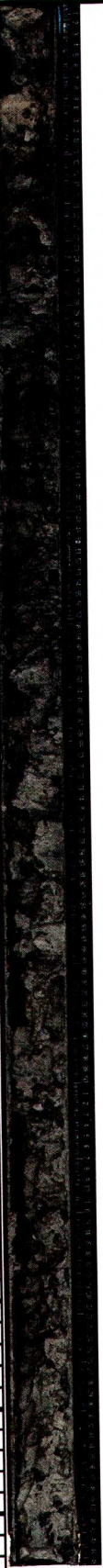
Date 06 Oct 14	Time 08:57	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting	Roundness	Color	Accessories	Core Disturbance	Description
					w m vp bl r a					
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160										1 1 - dark grey clay (5/4/1) - very well sorted - very faint laminations by color

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

Exp. 347	Site 63	Hole A	Core 19	Type H	Section 1
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Date 2/6/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	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											<p>Highly disturbed core; material may all be from hole casing.</p> <p>Drilling problems were reported.</p>

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

Exp. 347	Site 63	Hole A	Core 20	Type H	Section 1
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Date 06.02.14	Time 09:20	Observers MK/SP
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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			<p style="text-align: center;">lamination by color</p> <p style="text-align: center;">silty clay laminae</p> <p style="text-align: center;">silty clay laminae</p> <p style="text-align: center;">silty clay laminae</p>					3	<ul style="list-style-type: none"> <li>• dark gray clay (S/Y 4/1)</li> <li>• lamination by color and minor by grain size</li> <li>• very well sorted</li> <li>• 0-16cm highly disturbed (full-in)</li> <li>• 16-150cm slightly disturbed</li> <li>• laminae thickness max. 5cm</li> <li>• 60-80cm → 24 laminae</li> <li>→ 8-9mm lamina thickness</li> <li>• silty clay laminae at 87cm, 101cm, 128cm</li> <li>• no bioturbation visible</li> </ul>

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

Exp. 347	Site 63	Hole A	Core 20	Type H	Section 2
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Date 06.02.14	Time 09:45	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m v p b l r a	Color	Accessories	Core Disturbance	Description
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;">0</div> <div style="margin-bottom: 5px;">10</div> <div style="margin-bottom: 5px;">20</div> <div style="margin-bottom: 5px;">30</div> <div style="margin-bottom: 5px;">40</div> <div style="margin-bottom: 5px;">50</div> <div style="margin-bottom: 5px;">60</div> <div style="margin-bottom: 5px;">70</div> <div style="margin-bottom: 5px;">80</div> <div style="margin-bottom: 5px;">90</div> <div style="margin-bottom: 5px;">100</div> <div style="margin-bottom: 5px;">110</div> <div style="margin-bottom: 5px;">120</div> <div style="margin-bottom: 5px;">130</div> <div style="margin-bottom: 5px;">140</div> <div style="margin-bottom: 5px;">150</div> <div style="margin-bottom: 5px;">160</div> </div>								<p>• dark gray clay with laminae by color and minor by grain size</p> <p>• few silty clay laminae at 50cm, 53cm, 57cm</p> <p>• micro-faults 65-150cm (compression and extension)</p> <p>• minor convolute bedding (110-140cm)</p> <p>• very well sorted</p> <p>• slightly disturbed</p> <p>• detail pictures!</p>



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

Exp. 347	Site 63	Hole A	Core 20	Type H	Section CC
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Date 06.02.14	Time 10:15	Observers MK/SP
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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			??						1 1 • dark gray clay (2.5 / 4 / 1) • well sorted • convolute bedding (drilling disturbance?) • laminated by color • moderately or perhaps highly disturbed



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

Exp. 347	Site 63	Hole A	Core 21	Type H	Section 1
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Date 2/6/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160										<p>Dark gray (2.5 Y<sub>u</sub>1) clay and silty clay, interlaminated; laminae thickness varies from 3 mm to 4 cm; several distinct, varve-like fining upward couplets, e.g. at 91-94 cm.</p> <p>0-18 cm: highly disturbed</p> <p>Sand pockets are present at 86-87 mm, 123-124 cm; mm-scale</p> <p>Sand laminae are present at 133-134 cm (two closely spaced laminae, 1 mm thick each)</p>

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

Exp. 347	Site 63	Hole A	Core 21	Type H	Section 2
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Date 2/6/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	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											<p>Dark gray (2.5Y 4/1) clay and silty clay, interlaminated; normal microfaults are observed at 71-75cm, 80-83cm, 107-111, 119-122, 137-138cm</p> <p>massive clay interbed at 46-67cm (no laminations visible)</p>

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

Exp. 347	Site 63	Hole A	Core 21	Type H	Section 3
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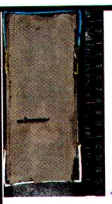
Date 2/6/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting <small>w m vp bl r a</small>	Round-ness	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160		0							... ...	Dark gray (2.5Y 4/1) clay, weakly laminated

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

Exp. 347	Site 63	Hole A	Core 21	Type H	Section CC
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Date 2/6/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	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		[Blank]	0	[Blank]	[Blank]	[Blank]	[Blank]	[Blank]	[Blank]	[Blank]	Dark gray (2.5Y 4/1) clay, homogeneous, but possibly disturbed by core



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

Exp. 347	Site 63	Hole A	Core 22	Type H	Section 2
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Date 06.02.14	Time 11:20	Observers MY/SP
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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			<p>Structure   Fossils</p> <p>Microfaults (compression)</p> <p>lamination by color and grain size</p> <p>Microfaults (compression + extension)</p> <p>Sandy silt</p> <p>Sand laminae (fine)</p> <p>Sand laminae (fine)</p> <p>Sand laminae (fine)</p>						<p>• dark gray silt clay with (75% 4/1)</p> <p>silt and fine sand laminae</p> <p>• lamination by color and grain size</p> <p>• well sorted</p> <p>• fine sand laminae at 121a, 177a, 131a</p> <p>• a lot of microfaults throughout whole core surface (compression + extension)</p> <p>• Sandy-silty clay laminae at 105-107cm</p> <p>• 70-100 cm → 38 laminae</p> <p>Ø 8mm laminae thickness</p>

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

Exp. 347	Site 63	Hole A	Core 22	Type H	Section 3
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Date 06/02/14	Time 11:30	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Round-ness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160			Lamination by color + grain size  more massive  Lamination by color + grain size	(Empty columns for sorting and roundness)	(Empty column for color)	(Empty column for accessories)	(Empty column for core disturbance)	dark gray silty clay with silt laminae - lamination by color and grain size - lamina thickness 0.5-1cm - well sorted - more mass in walls at 0-8cm, 21-31cm - slightly distorted

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

Exp. 347	Site 63	Hole A	Core 22	Type H	Section CC
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Date 06/02/14	Time 11:35	Observers MG/SP
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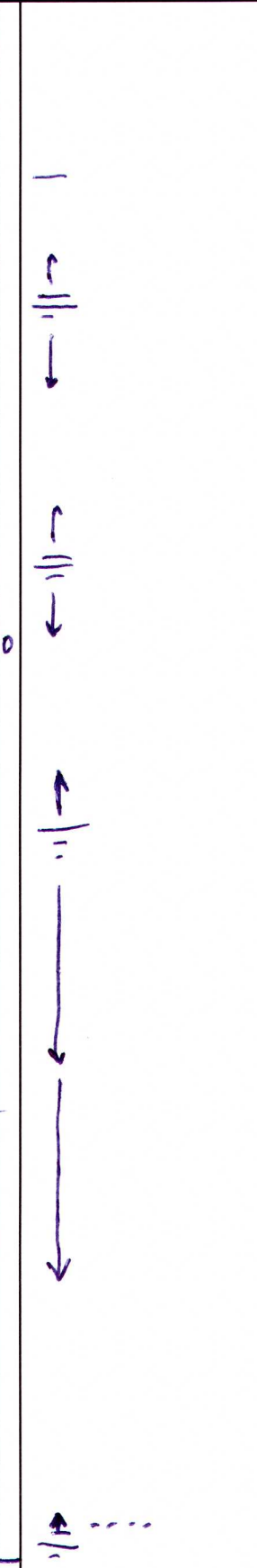
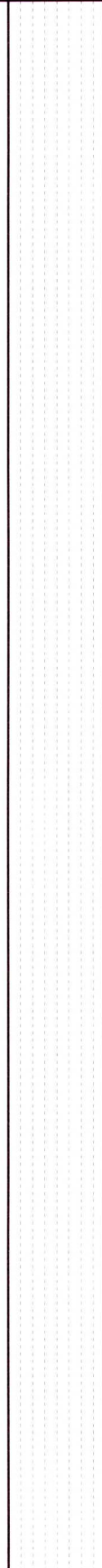




[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting w m vp bl r a	Round-ness	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160			I 22						• dark gray silty clay (3.549/m) with silt lenses • soft sediment compaction → due to drilling or recovery of CC • well sorted • highly disturbed



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

Exp. 347	Site 63	Hole A	Core 23	Type H	Section 1
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Date 2/6/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting w m vp bl r	Round-ness a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160									<p>Dark gray (2.5Y 4/1) silty clay with silt laminae;</p> <p>Silt laminae are present in packages of 6-16 laminae, separated by massive clay beds;</p> <p>within packages, silt laminae are spaced about ~1cm and the laminae are &lt;1mm thick;</p> <p>massive clay interbeds are ~6-22cm thick.</p> <p>Sand lamina at 145cm</p>

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

Exp.	Site	Hole	Core	Type	Section
347	63	A	23	H	2

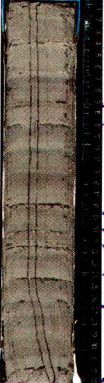


Date	Time	Observers
2/6/14		MK/SP

[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting	Roundness	Color	Accessories	Core Disturbance	Description
0										Dark gray (2.5, Y 4/1) silty clay with silt laminae; mm-scale silt laminae occur in packages of qtz separated by massive or weakly laminated silty clay  a concretum?, possibly carbonate was found within a silt lamina at 5-6cm very smooth and rounded
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 63	Hole A	Core 23	Type H	Section 3
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Date 2/6/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Round-ness w m vp bl r a	Color	Accessories	Core Disturbance	Description
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;">0</div> <div style="margin-bottom: 5px;">10</div> <div style="margin-bottom: 5px;">20</div> <div style="margin-bottom: 5px;">30</div> <div style="margin-bottom: 5px;">40</div> <div style="margin-bottom: 5px;">50</div> <div style="margin-bottom: 5px;">60</div> <div style="margin-bottom: 5px;">70</div> <div style="margin-bottom: 5px;">80</div> <div style="margin-bottom: 5px;">90</div> <div style="margin-bottom: 5px;">100</div> <div style="margin-bottom: 5px;">110</div> <div style="margin-bottom: 5px;">120</div> <div style="margin-bottom: 5px;">130</div> <div style="margin-bottom: 5px;">140</div> <div style="margin-bottom: 5px;">150</div> <div style="margin-bottom: 5px;">160</div> </div>								<p>Dark gray (2.5Y 4/1) silty clay; laminated throughout &lt; 1 mm thick silt laminae are also present</p>

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

Exp. 347	Site 63	Hole A	Core 23	Type H	Section CC
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Date 2/6/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Round-ness	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160			Ω (core disturbance due to drilling)					Dark gray (2.5 y4/1) silty clay, highly disturbed: flow-in from bottom

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

Exp. 347	Site 63	Hole A	Core 24	Type H	Section 1
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Date 06.02.14	Time 12:15	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160			<p>f-Sand grains</p> <p>clst</p> <p>f-Sand grains</p> <p>Soft sediment deformation</p>	w m vp bl r a					<p>gray silty clay with silt laminae and dispersed clasts (75/5/1)</p> <p>f-sand laminae (1-2 mm thickness) at 17cm, 85cm, well sorted</p> <p>clast at 55-56cm</p> <p>lamination by color and grain size</p> <p>some homogeneous clay with beds at 77-78cm</p> <p>40-60cm N27 laminae (7-8 mm lamina thickness)</p> <p>convolute bedding 99-150cm (primary sed. fabric?)</p>



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

Exp. 347	Site 63	Hole A	Core 24	Type H	Section 3
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Date 06.02.14	Time 12:25	Observers MH/SP
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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			H Laminations by color + grain size 22 coarse bedded (slip structures)						- gray silty clay with silt laminae and minor sand component - well sorted - slightly distorted - laminations by color + grain size - coarse bedded (primary sed. featur?)

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

Exp. 347	Site 63	Hole A	Core 24	Type H	Section CC
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Date 06.02.04	Time 13:00	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness <small>w m vp bl r a</small>	Color	Accessories	Core Disturbance	Description
<div style="display: flex; align-items: center;"> </div>			<p style="margin-left: 20px;">concretions</p>					<ul style="list-style-type: none"> <li>• gray silty clay with concretions (Ø 6cm = diameter)</li> <li>• well-sorted</li> <li>• laminated by color + grain size</li> <li>• concolite bedding (primary sed. feature?)</li> <li>• moderately disturbed</li> </ul>



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

Exp. 347	Site 63	Hole A	Core 25	Type H	Section 1
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Date 2/6/14	Time	Observers MK/SP
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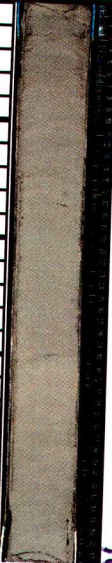
[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 5px;">0</div> <div style="margin-bottom: 5px;">10</div> <div style="margin-bottom: 5px;">20</div> <div style="margin-bottom: 5px;">30</div> <div style="margin-bottom: 5px;">40</div> <div style="margin-bottom: 5px;">50</div> <div style="margin-bottom: 5px;">60</div> <div style="margin-bottom: 5px;">70</div> <div style="margin-bottom: 5px;">80</div> <div style="margin-bottom: 5px;">90</div> <div style="margin-bottom: 5px;">100</div> <div style="margin-bottom: 5px;">110</div> <div style="margin-bottom: 5px;">120</div> <div style="margin-bottom: 5px;">130</div> <div style="margin-bottom: 5px;">140</div> <div style="margin-bottom: 5px;">150</div> <div style="margin-bottom: 5px;">160</div> </div>									<p>Dark gray (2.5Y 4/1) laminated silty clay with discrete irregularly spaced submillimeter silt laminae;</p> <p>massive or weakly laminated silty clay beds are present at 26-44 cm; and 120-144 cm.</p> <p>Laminae are strongly bowed due to cony</p>



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

Exp. 347	Site 63	Hole A	Core 25	Type H	Section 3
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Date 2/6/14	Time	Observers MK/SP
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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		0									Dark gray (2.5 4/1) silty clay with some discrete sub-mm silt laminae, mostly massive	



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

Exp. 347	Site 63	Hole A	Core 26	Type H	Section 2
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Date 2/6/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160								<p>Grayish brown (2.5 Y 5/2) silty clay; weakly laminated by color and with packages of discrete sub-mm scale silt laminae</p>



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

Exp. 347	Site 63	Hole A	Core 26	Type H	Section CC
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Date 2/6/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160								Grayish brown (2.5 x 5/2) weakly laminated silty clay with sub-mm silt laminae, 8-15 cm: highly disturbed by drilling





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

Exp. 347	Site 63	Hole A	Core 27	Type H	Section 2
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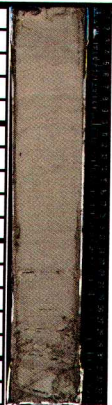

Date 06.02.14	Time 14.20	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness	Color	Accessories	Core Disturbance	Description
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="font-size: small; margin: 0;">w m vp bl r a</p> </div> <div style="flex: 1;"> <p style="font-size: small; margin: 0;">Sorting Roundness</p> </div> </div>			<p style="margin: 0;"><u>clasts:</u></p>	<p style="margin: 0;">Sorting Roundness</p>	<p style="margin: 0;">Color</p>	<p style="margin: 0;">Accessories</p>	<p style="margin: 0;">Core Disturbance</p>	<ul style="list-style-type: none"> <li>• grayish brown silty clay</li> <li>• well dispersed clast (25/512)</li> <li>• silt and f-sand laminae</li> <li>• 1 mm-size scale</li> <li>• lamination by color and grain size</li> <li>• well sorted</li> <li>• massive homogeneous clay parts → 64-79cm, 110-124cm</li> <li>• slightly disturbed</li> <li>• complete of silt laminae</li> <li>• mm-scale</li> </ul>
150			<p style="margin: 0;">A gray mar</p>					

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

Exp. 347	Site 63	Hole A	Core 27	Type H	Section 3
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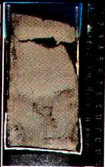
Date 06.02.14	Time 14:25	Observers MK/SP
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[cm]	Graphic Lith.	Lith.	Bioturb.	Structure	Fossils	Sorting Roundness	w	m	vp	bl	r	a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160																<ul style="list-style-type: none"> <li>• grayish brown silty clay</li> <li>• with lamination by color and grain size (2.5/5/2)</li> <li>• well sorted</li> <li>• slightly disturbed</li> <li>• lamination is in size</li> <li>• intervals are also homogeneous</li> <li>• faint lamination</li> </ul>

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

Exp. 347	Site 63	Hole A	Core 27	Type H	Section CC
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Date 06.02.14	Time 14:30	Observers ML/SP
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160		III I					+ -	<p>grayish brown silty clay (2.5/5/2)</p> <p>faint lamination by color</p> <p>very well sorted</p> <p>moderately disturbed</p> <p>Void at 3-4u</p>








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

Exp. 347	Site 63	Hole A	Core 28	Type H	Section CC
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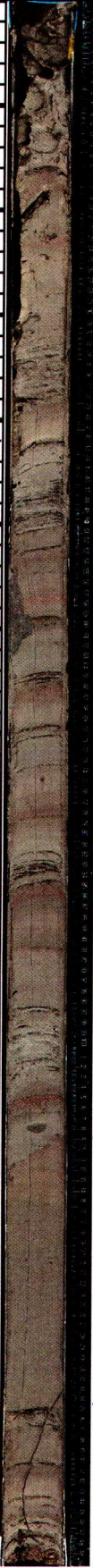
Date 6/2/14	Time	Observers SCJ/JBT
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness	Color	Accessories	Core Disturbance	Description
				w m vp bl r a				
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160								Fine grained clay to silty clay well sorted, slightly disturbed in lower have disturbing faint lamination

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

Exp. 347	Site 63	Hole A	Core 29	Type H	Section 1
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Date 6/2/14	Time 15:35	Observers JBT / CST
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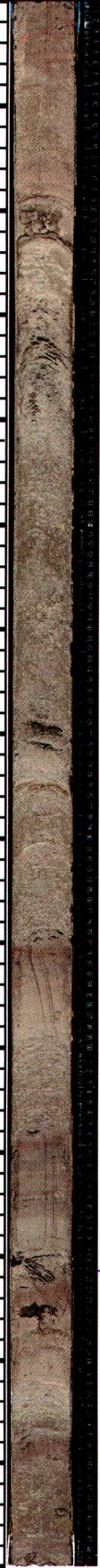

[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting	Roundness	Color	Accessories	Core Disturbance	Description
0						7.5 YR			BROWN - WEAK RED,
10						5/2			CLAY-SILT-SAND,
20						1			INTERLAMINATED,
30						5.5 YR			CLAY LAMINA 2-5 CM,
40						5/2			SILT MM SCALE BUNDLED,
50									TO CM SCALE,
60									SAND VERY FINE, FEW MM
70									SCALE. VARVIC?
80									PROXIMAL,
90									VERY WELL SORTED
100									UPPERMOST 10 CM
110									HEAVILY DISTURBED,
120									REST SLIGHTLY DISTURBED.
130									INTERVAL, 110 - 130
140									CONTORTED SLUMPED?
150									
160									



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

Exp. 347	Site 63	Hole A	Core 29	Type H	Section 2
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Date 6/2/14	Time 15:45	Observers JBT/CSS
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting Roundness					Color	Accessories	Core Disturbance	Description
					w	m	vp	bl	r				
0													BROWN - WEAK BED,
10													GRAY, CLAY, SILT, SAND
20													INTERLAMINATED.
30													CLAY LAMINA, 2 - 5 CM,
40													SILT MM SCALE BUNDLED
50													TO 0.5 MM SCALE 22 -
60													64 CM, 75 - 90 CM,
70													96 - 109 CM, 140 - 150,
80													VERY FINE SAND FEW
90													MM SCALE LAMINA.
100													VERY WELL SORTED
110													SLIGHTLY DISTURBED.
120													PROXIMATE LARUS
130													
140													
150													
160													

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

Exp. 347	Site 63	Hole A	Core 29	Type H	Section 3
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Date 6/2/74	Time 15:55	Observers JBT/CSJ
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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		       								BROWN - WEAK RED, CLAY - SILT, INTER LAMINATED CLAY LAMINA, 0.1 - 5 CM, SILT LAMINA MM SCALE SINGLE AND BUNDLED. VERY WELL SORTED SLIGHTLY DISTURBED.	
							7.5YR 5/2 1 5YR 5/2				



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

Exp. 347	Site 63	Hole A	Core 30	Type H	Section 2
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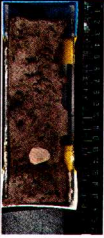
Date 6/2/14	Time	Observers SCJ/JSJ
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness					Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r				
0  10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160	□ □							7.5 YR  5/2		poor	Diomedea fine to med grained silty sands supporting poly mic pebbles to cm-scale clasts of sandstone. sub angular.	

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

Exp. 347	Site 63	Hole A	Core 30	Type H	Section CC
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Date 6/2/14	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							7.5 YR  5/2		mod	Poly mix mm to cm-scale clasts - ssta. and mm-dia gray pebbles - limestone? based  Poorly sorted med grained silty matrix supporting them.

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

Exp. 347	Site 63	Hole A	Core 31	Type H	Section 1
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Date 6/2/14	Time 16:08	Observers JBT/CJT
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[cm]	Graphic Lith.	Bioturb.	Structure   Fossils	Sorting Roundness							Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r	a					
0			PEBBLES								7.5R			CLAST RICH SANDY DIAMICT,
10			8								5/2			PEBBLES IN GENERAL 0.2 - 0.5 CM, MAX CLAST 5 CM,
20			15								BROWN			CLAST % AROUND 10%.
30														VERY POORLY SORTED MODERATELY DISTURBED.
40														CLASTS ANGULAR TO SUBANGULAR.
50														CUBIC, BLADED,
60														QUARTZ, CRYSTALLINE, SANDSTONE.
70														
80														
90														
100														
110														
120														
130														
140														
150														
160														

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

Exp. 347	Site 63	Hole A	Core 31	Type H	Section 2
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Date	Time	Observers
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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						7/5YR 5/2			BROWN, SANDY, DIAMICT, PEBBLES IN GENERAL 0.2-0.5 CM MAX CLAST 2 CM, CLAST % AROUND 10% VERY POORLY SORTED, MODERATELY DISTURBED CLASTS ANGULAR TO SUBANGULAR, CUBIC, BLAND, QUARTZ, CRYSTALLINE, SANDSTONE.

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

Exp. 347	Site 63	Hole A	Core 34	Type P	Section 1
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Date 6/2/14	Time	Observers SOS/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						7.5YR			Brown silty clay with fine sandy patches. Homogenisation by water logging. Mud draped cm-scale clasts preserved as mounds on surface. Mix of clast sizes from granules to cm-scales. variations in angularity subang-sub rounded.  approx 20% comprised of pebble to cm scale clasts.
10						5/3			
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									
160									



