

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

Exp. 347	Site 65	Hole A	Core 2	Type H	Section 2
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Date 13/2/14	Time	Observers SCJ/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>Gray clay, well sorted with faint colour laminae becoming more defined to wards base. Dashed bands - increased organic-rich material</p> <p>mm-scale expansion cracks across core in upper half.</p> <p>mm - cm-scale shell fragments</p> <p>minor bioturbation in some areas.</p> <p style="text-align: right;">Broken in lowermost 5cm</p>

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

Exp.	Site	Hole	Core	Type	Section
347	65	A	2	H	3

Date	Time	Observers
13/2/14		SCJ/JBJ

[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				* * *				<p>Gray clay, well sorted with mm-scale colour lamination</p> <p>mm-scale expansion cracks across core.</p> <p>mm-scale shell fragments</p>

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

Exp. 347	Site 65	Hole A	Core 3	Type H	Section 3
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Date 13/2/14	Time 20:30	Observers JBT/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				PYRITE CRYSTALS								10Y			DARK GREENISH GRAY -
10												4/1			VERY DARK GRAY
20												N/3			ORGANIC RICH CLAY, WEAK HORIZONTAL LAMINATION BY COLOR.
30															Bioturbation common
40															4.
50															FEW SHELL FRAGMENTS.
60															CORECATCHER AT BOTTOM.
70															SLIGHTLY DISTURBED
80															VERY WELL SORTED.
90															VERY DARK GRAY DOMINATING.
100															
110															
120															
130															
140															
150															
160															

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

Exp. 347	Site 65	Hole A	Core 3	Type H	Section CC
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Date 13/2/14	Time 20:30	Observers JB7/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	[Image of core sample]						10Y			DARK GREENISH GRAY - VERY DARK GRAY, ORGANIC RICH CLAY, WEAK HORIZONTAL LAMINATION, BY COLOR. BIOTURBATION COMMON, MODERATELY DISTURBED VERY WELL SORTED
10										
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										
160										

10Y
4/1
N/3

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

Exp. 347	Site 65	Hole A	Core 4	Type H	Section 1
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Date 14.07.14	Time 08:00	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
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">0</div> <div style="margin-bottom: 10px;">10</div> <div style="margin-bottom: 10px;">20</div> <div style="margin-bottom: 10px;">30</div> <div style="margin-bottom: 10px;">40</div> <div style="margin-bottom: 10px;">50</div> <div style="margin-bottom: 10px;">60</div> <div style="margin-bottom: 10px;">70</div> <div style="margin-bottom: 10px;">80</div> <div style="margin-bottom: 10px;">90</div> <div style="margin-bottom: 10px;">100</div> <div style="margin-bottom: 10px;">110</div> <div style="margin-bottom: 10px;">120</div> <div style="margin-bottom: 10px;">130</div> <div style="margin-bottom: 10px;">140</div> <div style="margin-bottom: 10px;">150</div> <div style="margin-bottom: 10px;">160</div> </div>		<p style="text-align: center;">faint laminations</p> <p style="text-align: center;">many black laminae</p> <p style="text-align: center;">mottled (bioturbation?)</p> <p style="text-align: center;">black laminae</p> <p style="text-align: center;">spring marks</p>	<p style="text-align: center;">faint laminations</p> <p style="text-align: center;">many black laminae</p> <p style="text-align: center;">mottled (bioturbation?)</p> <p style="text-align: center;">black laminae</p> <p style="text-align: center;">spring marks</p>	<p style="text-align: center;">faint laminations</p> <p style="text-align: center;">many black laminae</p> <p style="text-align: center;">mottled (bioturbation?)</p> <p style="text-align: center;">black laminae</p> <p style="text-align: center;">spring marks</p>	<p style="text-align: center;">faint laminations</p> <p style="text-align: center;">many black laminae</p> <p style="text-align: center;">mottled (bioturbation?)</p> <p style="text-align: center;">black laminae</p> <p style="text-align: center;">spring marks</p>	<p style="text-align: center;">faint laminations</p> <p style="text-align: center;">many black laminae</p> <p style="text-align: center;">mottled (bioturbation?)</p> <p style="text-align: center;">black laminae</p> <p style="text-align: center;">spring marks</p>	<p style="text-align: center;">faint laminations</p> <p style="text-align: center;">many black laminae</p> <p style="text-align: center;">mottled (bioturbation?)</p> <p style="text-align: center;">black laminae</p> <p style="text-align: center;">spring marks</p>	<p style="text-align: center;">faint laminations</p> <p style="text-align: center;">many black laminae</p> <p style="text-align: center;">mottled (bioturbation?)</p> <p style="text-align: center;">black laminae</p> <p style="text-align: center;">spring marks</p>	<p>~ dat greenish gray clay (5 BG 4/1)</p> <p>~ very well sorted</p> <p>~ laminated by color with many greenish black laminae (mm-scale)</p> <p>~ high organic content</p> <p>~ 0-20 cm highly disturbed</p> <p>~ 20-150 cm slightly disturbed</p> <p>~ some cracks occur 20-34 cm, 50-83 cm, 74 cm,</p> <p>~ black spots at 100-150 cm</p> <p>~ → look mottled</p> <p>~ → sparse bioturbation</p> <p>~ very few sand grains at 130 cm</p> <p>~ spring marks at 145-150 cm</p>

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

Exp. 347	Site 65	Hole A	Core 4	Type H	Section 2
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Date 14.02.14	Time 08:20	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; font-size: 1.2em;">thin laminae and black spots (diffuse, mottled, bioturbation)</p>							<p>6</p> <ul style="list-style-type: none"> • dark greenish gray clay (10G4/1) • very well sorted • lamination by color (mm to cm scale) often diffuse and mottled → sparse to less common bioturbation • many black spots and speck • high organic content • some open mat-like laminae • syringe marks at bottom • slightly disturbed
			<p style="text-align: center;">AA syringe mark</p>							

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

Exp. 347	Site 65	Hole A	Core 4	Type H	Section 3
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Date 14.02.14	Time 08:30	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
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">0</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">10</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">20</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">30</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">40</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">50</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">60</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">70</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">80</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">90</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">100</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">110</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">120</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">130</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">140</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">150</div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;">160</div> </div>									<ul style="list-style-type: none"> • dark greenish gray clay (100g 4/1) • very well sorted • Lamination by color → 6 cm laminae (0.5 cm and homogeneous dark greenish gray clay parts) • low bioturbation (sparse bioturbation) • 0-41 cm slightly disturbed, 41-50 cm moderately disturbed • relatively high organic content

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

Exp. 347	Site 65	Hole A	Core 5	Type H	Section 1
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Date 2/14/14	Time	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
<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 greenish gray (SGY 4/1) clay;</p> <p>black, mottled, banding at 31-51 cm</p> <p>- transition to brown clay at the bottom of the section</p> <p>- 110-126 cm: black stains / mottles</p> <p>- clay is ^{very} well sorted and homogeneous</p> <p>- black interval at 31-51 cm has a sharp base and diffuse top</p> <p>- voids at 75-78 cm, 101-103 cm</p>

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

Exp. 347	Site 65	Hole A	Core 5	Type H	Section 2
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Date 2/14/14	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											Dark grayish brown silty clay (2.5Y 4/2), homogeneous down to 87cm with some greenish gray mottles at 71-72cm and 79-80cm
10											87cm with some
20											greenish gray mottles at 71-72cm
30											and 79-80cm
40											87-140cm: with
50										48	sub-mm silt laminae
60											void at 23-25cm
70											
80											
90											
100											
110											
120											
130											
140											
150											
160											

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

Exp. 347	Site 65	Hole A	Core 5	Type H	Section 3
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Date 2/14/14	Time	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									Dark grayish brown (2.5 y 4/2) silty clay - lamination by color at 15-46 cm - width of laminae 1-4 mm, and laminae are planar, horizontal and parallel

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

Exp. 347	Site 65	Hole A	Core 6	Type H	Section 1
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Date 14.02.14	Time 0845	Observers MU/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 style="text-align: center;">gray spots (0.5-1)</p> <p style="text-align: center;">dark gray</p> <p style="text-align: center;">silt intractant</p> <p style="text-align: center;">silt intractant</p> <p style="text-align: center;">dark grayish brown</p>					<p>3 dark gray to dark grayish brown clay (7.5Y 4/1 to 10YR 4/3)</p> <p>1 very well sorted</p> <p>1 Lamination by color and grain size (in scale)</p> <p>1 some silt intractant</p> <p>1 core surface moderately disturbed → due to cussing and gas bubbles?</p> <p>1 moderately to slightly disturbed (0-10 cm highly disturbed)</p> <p>1 some gray spots (intractant or oxidation?)</p> <p>1 bioturbation not clearly visible</p>

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

Exp. 347	Site 65	Hole A	Core 6	Type H	Section 2
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Date 14.02.04	Time 09:05	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			<div style="position: relative; height: 100px;"> Silt nodules (only silt nodules) </div> <div style="position: relative; height: 100px; margin-top: 10px;"> sandy silt with chert </div>							<p>1. brown^{silty} clay (10YR 4/3)</p> <p>1. voids and gas bubbles? occur</p> <p>• moderately to slightly disturbed</p> <p>• silt nodules occur</p> <p>• very faint lamination by color</p> <p>• some laminas</p> <p>1. moderately to very well sorted (laminas with sandy and granular clay)</p> <p>• dispersed silt and sandy silt nodules throughout</p> <p>1. whole core surface</p> <p>1. no bioturbation clearly visible</p>

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

Exp. 347	Site 65	Hole A	Core 6	Type H	Section 3
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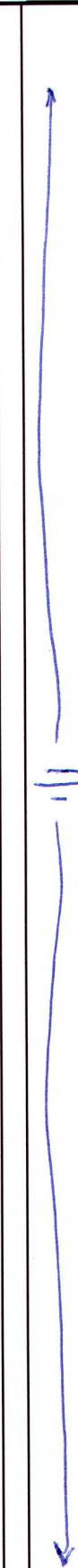


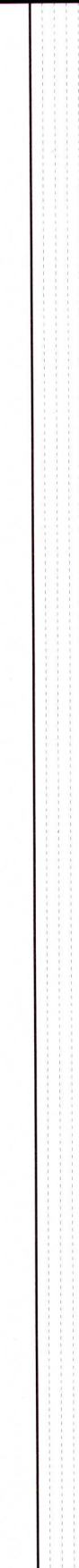
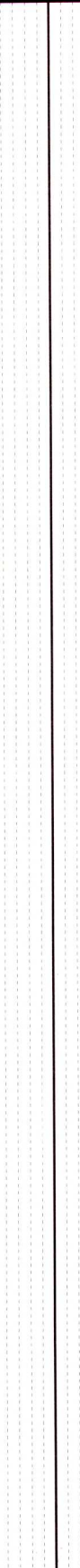
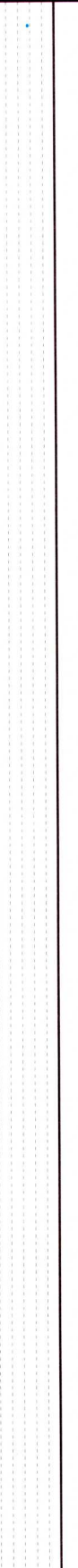

Date 14.02.14	Time 09:35	Observers MHS/SP
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting w m vp bl r a	Round-ness	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160			silt inherent						<ul style="list-style-type: none"> • brown ^{silt} clay with dispersed silt and silt in clasts (10YR 4/3) • moderately well to well sorted • gray silt in clasts (up to 0.8 cm diameter) • very faint banding by color (1 cm scale) • no bioturbation visible • slightly disturbed • sand grains (dispersed) occur

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

Exp. 347	Site 65	Hole A	Core 7	Type H	Section 1
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Date 2/14/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	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>Brown (10YR 4/3) silty clay, homogeneous with very weak color lamination/banding at cm-scale</p> <p>no sand, no gravel observed on cut face</p>

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

Exp. 347	Site 65	Hole A	Core 7	Type H	Section 2
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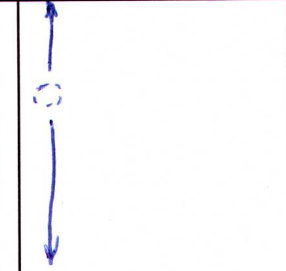
Date 2/14/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160								<p>Brown (10YR 4/3) silty clay, homogeneous, with very weak cm to dm scale lamination by color at 0-68 cm</p> <p>at 68 cm is a diffuse color contact and at 68-150 cm numerous ^{dark} brown and light gray sedimentary intraclasts are present; some sedimentary intraclasts are up to ~1 cm in diameter and sandy silty clay;</p> <p>smaller sand pockets and dispersed sand grains are also present in that interval (68-150 cm) and the interval is homogeneous in structure</p> <p>- gravel clast (reddish lithology) at 84 cm</p> <p>68-150 cm: Brown silty clay with dispersed clasts.</p>

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

Exp. 347	Site 65	Hole A	Core 7	Type H	Section 3
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Date 2/14/14	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												: Brown silty clay : with sand pockets : and dark brown : intraclasts

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

Exp. 347	Site 65	Hole A	Core 7	Type H	Section CC
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Date 2/14/14	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		1	0					Brown (10 YR 4/3) ^{w/ dispersed} d. clast silty clay, with sand pockets; one gravel clast at 4 cm. - light gray band or lamina at 3-4 cm.

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

Exp. 347	Site 65	Hole A	Core 8	Type H	Section 1
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Date 14.02.04	Time 10:10	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		<p style="text-align: center;">silty clay</p>	<p style="text-align: center;">- - - gray spots</p> <p style="text-align: center;">homogeneous</p> <p style="text-align: center;">color banding (cm scale)</p> <p style="text-align: center;">darker color band</p>						<ul style="list-style-type: none"> • dark grayish brown clay (10YR 4/2) • very well sorted • mostly homogeneous with some color banding in cm-scale • slightly disturbed

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

Exp. 347	Site 65	Hole A	Core 8	Type H	Section 2
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Date 14 Oct 14	Time 10:20	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			<i>mostly homogeneous</i>									dark greyish brown clay (10YR 4/2) • very well sorted • some air bubbles → core surface disturbed mostly • very faint color banding → with convolute features? • few isolated silt laminae (sub mm scale) • few silt nodules • no bioturbation visible
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 65	Hole A	Core 8	Type H	Section 3
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Date 17 Oct 14	Time 10:25	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 sample]		homogenous						<ul style="list-style-type: none"> • dark gray to brown clay • (10/12 1/2) • very well sorted • homogeneous • few very small gray spots (silt particles?)
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 65	Hole A	Core 8	Type H	Section CC
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Date 14.02.14	Time 10:25	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: 10px;">0</div> <div style="margin-bottom: 10px;">10</div> <div style="margin-bottom: 10px;">20</div> <div style="margin-bottom: 10px;">30</div> <div style="margin-bottom: 10px;">40</div> <div style="margin-bottom: 10px;">50</div> <div style="margin-bottom: 10px;">60</div> <div style="margin-bottom: 10px;">70</div> <div style="margin-bottom: 10px;">80</div> <div style="margin-bottom: 10px;">90</div> <div style="margin-bottom: 10px;">100</div> <div style="margin-bottom: 10px;">110</div> <div style="margin-bottom: 10px;">120</div> <div style="margin-bottom: 10px;">130</div> <div style="margin-bottom: 10px;">140</div> <div style="margin-bottom: 10px;">150</div> <div style="margin-bottom: 10px;">160</div> </div>								<p>dark grayish brown clay (10YR 4/2)</p> <p>very well sorted</p> <p>moderately disturbed</p> <p>homogeneous</p>

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

Exp. 347	Site 65	Hole A	Core 9	Type H	Section 2
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Date 2/14/14	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											Dark grayish brown (10YR 4/2) clay, homogeneous, no sand, gravel, no lamination visible on cut face	

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

Exp. 347	Site 65	Hole A	Core 9	Type H	Section CC
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Date 2/14/14	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 grayish brown (10YR 4/2) clay, homogeneous, void at 4-6 cm.</p>

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

Exp. 347	Site 65	Hole A	Core 10	Type H	Section 1
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Date 2/14/14	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											<p style="font-size: 1.2em;">Dark grayish brown (10YR 4/2) clay; homogeneous, with few greenish gray mud intraclasts 1mm-1cm in size at 47-53cm</p>	
10												
20												
30												
40												
50												
60												
70												
80												
90												
100												
110												
120												
130												
140												
150												
160												

29

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

Exp. 347	Site 65	Hole A	Core 10	Type H	Section 2
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Date 2/14/14	Time	Observers MK/JP
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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]	[Hand-drawn lithological line]							Dark grayish brown (10YR 4/2) clay, homogeneous, completely featureless!
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 65	Hole A	Core 10	Type H	Section 3
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Date 2/14/14	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	a				
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160			0						Dark grayish brown (10 YR 4/2) clay, homogeneous, are mm-scale greenish grey mud clast at ~15 cm

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

Exp. 347	Site 65	Hole A	Core 10	Type H	Section CC
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Date 2/14/14	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							Dark grayish brown (10YR 4/2) clay, homogeneous; possible flow in structure (core disturbance)

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

Exp. 347	Site 65	Hole A	Core 11	Type H	Section 1
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Date 14.02.14	Time 11:45	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									brown clay (10YR4/3) mostly homogeneous with only poorly faint lamination some gray more silty spot very well sorted slightly distorted no bioturbation visible
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									
160									

more silty laminae

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

Exp. 347	Site 65	Hole A	Core 11	Type H	Section 2
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Date 14.02.14	Time 11:55	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	[Photograph of core sample]							<ul style="list-style-type: none"> • brown clay (10YR 4/3) • very faint lamination by color (cm scale) • color banded (cm - dec scale) • very well sorted • few sand grains in 150 cm² laminae • slightly disturbed • no bioturbation visible • some gray patches
10								
20				silty clay matrix				
30				color banding				
40								
50								
60								
70								
80				disrupted silt laminae				
90								
100								
110				loosely contorted (disrupted silt laminae)				
120								
130				sand grains				
140								
150								
160								

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

Exp. 347	Site 65	Hole A	Core 11	Type H	Section 3
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Date 14:02/14	Time 12:05	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	Brown clay		-----	silt laminae											• brown clay (10/14/13)
10			-----												• very well sorted
20			-----												• (disrupted) silt laminae (few)
30			-----	disrupted silt laminae											• very faint laminae by color
40															• slightly disturbed
50															
60															
70															
80															
90															
100															
110															
120															
130															
140															
150															
160															

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

Exp. 347	Site 65	Hole A	Core 11	Type H	Section CC
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Date 14/02/14	Time 12:05	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									<ul style="list-style-type: none"> • brown clay (10YR 4/3) • 0-10cm homogeneous • 10-21cm compacted laminae (faint lamination visible) • very well sorted • void at 3-6cm • slightly disturbed • silt pocket at 18-19cm

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

Exp. 347	Site 65	Hole A	Core 12	Type H	Section 1
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Date 2/14/14	Time	Observers MK/JP
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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			<p style="text-align: center;">≈ 2</p> <p style="text-align: center;">0</p> <p style="text-align: center;">↑ =</p> <p style="text-align: center;">↓</p> <p style="text-align: center;">2</p>								<p>3</p> <p>0-10 cm: disturbed Brown (10YR 4/3) clay at 0-105 cm; weak lamination by color and laminae are dis- rupted, contorted at 26-30 cm, 89-105 cm</p> <p>Sharp contact at 105 cm.</p> <p>105-150 cm: Dark gray (10YR 4/1) clay, homogeneous with only very weak light-dark color lamination and banding at 109-123 cm</p>	

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

Exp. 347	Site 65	Hole A	Core 12	Type H	Section 2
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Date 2/14/14	Time	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										<p>0-16 cm: Dark gray clay (10YR 4/1), with color banding; darker at 0-12 cm and lighter at 12-17 cm. massive</p> <p>16-150 cm: Grayish brown (2.5Y 5/2) silty clay; planar parallel laminated by color and texture. mm-scale silt laminae are common and appear in packages. microfaults are present at 26-29 cm, 89 cm, 94-99 cm, 106-107 cm. color lamination on a mm-cm scale.</p>

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

Exp. 347	Site 65	Hole A	Core 12	Type H	Section 3
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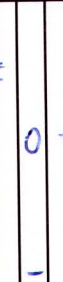
Date 2/14/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting	Round-ness	Color	Accessories	Core Disturbance	Description
					w m vp bl r	a				
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160										<p>Grayish brown (2.5Y 5/2) silty clay, planar parallel laminated by color and texture; mm-scale scale silt laminae are common</p>

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

Exp. 347	Site 65	Hole A	Core 12	Type H	Section CC
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Date 2/14/14	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													Grayish brown (2.5 Y 5/2) silty clay; silt laminae are common	

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

Exp. 347	Site 65	Hole A	Core 13	Type H	Section 1
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Date 14.02.14	Time 12:45	Observers MUSP
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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			clayey silt						} dark gray interbedded sand and silt (S) 4/1
10			sand						
20			clayey silt						• core surface water - scoured
30			sand						
40			clayey silt						} • fine upwards 110-135cm • detailed sedimentary structures not visible (with core)
50			medium sand						
60			silt						} • small glauconitic grains occur (reworked detritus)
70			medium sand						
80			clayey silt						
90			clayey silt						
100			sandy silt						
110			sandy silt						
120			milky clay						} • fine upwards
130			milky clay						
140			sandy silt						
150			sandy silt						
160			sandy silt						

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

Exp. 347	Site 65	Hole A	Core 13	Type H	Section CC
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Date 14 Oct 14	Time 17:55	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			fine sand ↑ sandy silt clayey silt silty clay					1 1 1 3	• dark gray coarsening upwards sequence (SY4/1) <u>silt</u> → silty clay to fine sand • no real sed. structures visible due to core disturbance • grains are subrounded to well rounded • glauconite grains (reworked?)

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

Exp. 347	Site 65	Hole A	Core 14	Type H	Section 1
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Date 2/14/14	Time	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									<p>Dark gray (5Y4/1) very fine sand with laminated silt interbeds at 0-6 and 13-18 cm. water with mica flakes on top of the cut surface</p>

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

Exp. 347	Site 65	Hole A	Core 14	Type H	Section 2
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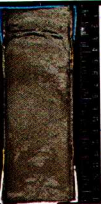



Date 2/14/14	Time	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160								<p>Dark gray (5Y4/1) fine to medium sand with laminated silt into beds at 0-16 and 98-107 and 141-150 cm.</p> <p>Water on cut surface; numerous mica flakes</p>

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

Exp. 347	Site 65	Hole A	Core 14	Type H	Section 3
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Date 2/14/14	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									Dark gray (5Y4/1) silt; laminated water on cut surface

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

Exp. 347	Site 65	Hole A	Core 14	Type H	Section CC
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Date 2/14/14	Time	Observers MK/JP
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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											<div style="margin-bottom: 10px;">  </div> <div style="margin-bottom: 10px;"> 0-17 cm: Dark gray (5Y 4/1) silt </div> <div style="margin-bottom: 10px;"> 17-23 cm: Gray (5Y 5/1) clay, laminated (disturbed by conry) </div>	

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

Exp. 347	Site 65	Hole A	Core 15	Type H	Section 1
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Date 17.02.14	Time 14:00	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										dark gray unbedded /
10										unlaminated silt, sandy silt, clayey silt (SY 4/1)
20										} moderately to highly disturbed • well sorted • highly water saturated • no distinct sed structures visible
30										
40										
50										sand grains sub rounded - well rounded • also reworked glauconite
60										} mica occur • 117-121cm (laminar) visible (un visible)
70										
80										
90										
100										
110										
120										
130										
140										
150										
160										

clayey silt and silty clay unbedded


silt layers

sandy silt layers (laminar with 117-121cm layers)

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

Exp. 347	Site 65	Hole A	Core 15	Type H	Section 2
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Date 4.02.14	Time 14:20	Observers MK/JP
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Roundness					Color	Access ories	Core Disturbance	Description
				w	m	vp	bl	r				
0												} organic brown medium sand (254 512) • well sorted • highly disturbed? } → looks like washed • clayey silt in pockets • sedimentary structures to fully disturbed → due to water work • disrupted clay silt layers at 2-18 cm to fully } deformed due to drilling
10												
20												
30												
40												
50												
60												
70												
80												
90												
100												
110												
120												
130												
140												
150												
160												

□ in pocket

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