


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

Exp. 347	Site 64	Hole C	Core 1	Type H	Section 1
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Date 11/2/14	Time	Observers SCS/TBJ
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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 4/3		Soupy	Brown-gray clay, waterlogged and distorted. No clear internal structure (-some faint cm-scale lamination)

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

Exp. 347	Site 64	Hole C	Core 1	Type H	Section 3
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Date 12/2/14	Time	Observers SCT/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		- - - - - - - - -							7.5 YR 4.3			Disturbed, with smearing and grooves from splitting Brown-gray clay, well sorted.	

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

Exp. 347	Site 64	Hole C	Core 1	Type H	Section CC
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Date 12/2/14	Time	Observers SES/JOS
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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						7.5YR 4/3		soufy	Brown-gray clay well sorted. Highly water saturated and smeared

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

Exp. 347	Site 64	Hole C	Core 2	Type H	Section 1
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Date 12/2/14	Time 18:35	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					7.5 YR			CLAY, BROWN,
10					5/2			UPPER MOST 30CM
20								HEAVILY DISTURBED.
30								REST MODERATELY
40								DISTURBED.
50								LAMINATED, BY
60								COLOR, CM SCALE
70								LAMINA, DIPPING
80								ABOUT 30%.
90								VERY WELL SORTED.
100								
110								
120								
130								
140								
150								
160								

30%

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

Exp.	Site	Hole	Core	Type	Section
347	64	C	2	H	3


Date	Time	Observers
12/2/14	13:45	JBT/CST

[cm]	Graphic Lith.	Bioturb.	Structure	Fossils	Sorting Roundness	Color	Accessories	Core Disturbance	Description
					w m vp bl r a				
<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>2.54</p> <p>5/2</p>			<p>GRAYISH BROWN, CLAY, LAMINATED BY COLOR, CM SCALE, VARVIC, 1-2 CM, VERY WELL SORTED, MODERATELY DISTURBED. 20-40 CM HEAVILY DISTURBED. DIPPING LAMINAE ABOUT 30%.</p>

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

Exp. 347	Site 64	Hole C	Core 2	Type H	Section CC
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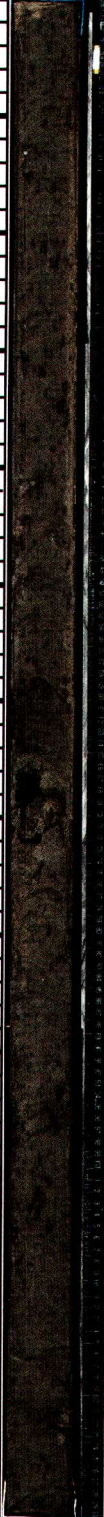
Date 1/2/14	Time 18:50	Observers JBT / CST
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Round-ness						Color	Accessories	Core Disturbance	Description
				w	m	vp	bl	r	a				
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160									2.54 5/2			GRAYISH BROWN, CLAY, LAMINATED BY COLOR, CM SCALE, VARIC 1-2 CM, VERY WELL SORTED, HEAVILY DISTURBED.	

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

Exp. 347	Site 64	Hole C	Core 3	Type H	Section 2
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Date 12/2/14	Time	Observers SCS/JSJ
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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		(Hand-drawn symbols representing bioturbation)	(Hand-drawn symbols representing fossils)	(Sorting and Roundness scales)	7.5YR 4/1			Gray fine sand-silt diamicton with cm-scale clasts of various sources (poly mict) usually angular to sub angular dispersed throughout.

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

Exp. 347	Site 64	Hole C	Core 3	Type H	Section 3
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Date 12/2/16	Time	Observers SCJ/TBS
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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 4/1			Gray fine sand - silt diamicton. cm scale clasts (poly mict) with angular to sub angular shapes dispersed throughout	

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

Exp. 347	Site 64	Hole C	Core 4	Type H	Section 2
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Date 12/2/14	Time 20:30	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	4							2.54			DARK GRAY,
10	3							4/1			CLAST POOR MUDDY DIAMICT.
20	4										MAX CLAST 1CM, SUB ANGULAR,
30	3	SAND WITH PEBBLES.									CUBIC - BLADED, PALAEZOIC LIMESTONE,
40	7										SAND LAMINA 30 - 34 CM
50	5										MEDIUM WITH GRAVEL CLASTS,
60	3										MODERATELY DISTURBED. SOFT
70	3										
80	12										
90	20										
100	25										
110											
120											
130											
140											
150											
160											

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

Exp. 347	Site 64	Hole C	Core 5	Type N	Section 1
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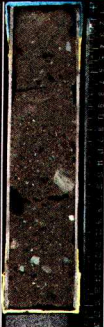

Date 12/2/14	Time	Observers SCS/JBJ
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Roundness w m vp bl r a	Color	Accessories	Core Disturbance	Description
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160					7.5YR 4/2			<p>Brown-gray sand-silt clay, supporting poly mict clasts of a range of scales.</p> <p>Many of the clasts are limestone with some crystalline and metamorphic clasts.</p> <p>Red cm-scale clast @ base - crystalline - orthoclase rich granite? / metamorphic rock?</p> <p>Clast count between 10-20 cm = 21.</p>

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

Exp. 347	Site 64	Hole C	Core 5	Type N	Section CC
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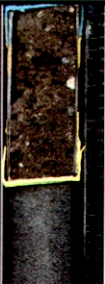
Date 12/2/14	Time	Observers SCJ/SBS
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting					Round-ness	Color	Access ories	Core Disturbance	Description
				w	m	vp	bl	r					
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160			(15)							7.5YR 4/2	slight	Gray brown sand-silt clay charnock with polymineral clasts clasts vary from angular to sub-rounded, from 2mm to 2cm. Principally limestones/marbles, some sandstones and crystalline rocks.	

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

Exp. 347	Site 64	Hole C	Core 7	Type N	Section 1
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Date 12/2/14	Time 21:12	Observers JB/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									2.54 4/1			DARK GRAY, CLASTIC SANDY DIAMICT, MAX CLAST 7CM, SUB ANGULAR TO ANGULAR, CUBIC AND BLADED. CRYSTALLINE, PALAEOZOIC LIMESTONE, SANDSTONE, SLIGHTLY DISTURBED SOFT

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

Exp. 347	Site 64	Hole C	Core 11	Type N	Section 1
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Date 13 Oct 14	Time 07:40	Observers MK/SP
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[cm]	Graphic Lith.	Bioturb.	Structure Fossils	Sorting Roundness					Accessories	Core Disturbance	Description
				w	m	vp	bl	r			
0	5										3 dark greenish gray clast-rich sandy diamict on (10y 4/1)
10	12										• poorly sorted
20	13										• slightly distal
30	7		<i>faint color banding</i>								• very faint color banding of matrix
40	10										• max. clast diameter ≈ 2.5 mm
50	11										
60	10										
70											
80											
90											
100											
110											
120											
130											
140											
150											
160											

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

Exp. 347	Site 64	Hole C	Core 12	Type N	Section 1
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Date 2/13/14	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					:	Dark greenish gray (104 u/1) clast-rich sandy diamictite; clasts up to ~3cm & subangular to rounded; massive; possible clast cluster at 66-74cm. polymict clast assemblage
10	11					:	
20	11					:	
30	10					:	
40	19					:	
50	21					:	
60	15					:	
70	10					:	
80	9					:	
90	10					:	
100	9					:	
110	8					:	
120	8					:	
130	4					:	
140						:	
150						:	
160						:	

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

Exp. 347	Site 64	Hole C	Core 18	Type N	Section 1
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Date 2/13/14	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	5 4 9 4 8 5 6 11 8 5 12 9 8 3 8 2							Dark greenish gray (10y 4/1) clast-poor sandy diamicton; clasts up to 1cm, angular to sub-angular; polymineral; clast cluster at 19-21cm, 77-80cm, 77-110cm

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

Exp. 347	Site 64	Hole C	Core 19	Type N	Section 1
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Date 2/13/14	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	4 — 3 — 6 — 6 — 7 — 12 — 3							⋮	Dark greenish gray (10x 4/1) clast-poor muddy diamicton, becoming clast-rich below 30cm; massive with clasts up to 2cm, poly- mixt angular to subrounded.
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 64	Hole C	Core 22	Type N	Section 1
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Date 13 Oct 14	Time 10:20	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	6													dark greenish gray dark-v. muddly diamicton
10	5													poorly sorted
20	9													0-20cm soft
30	10													→ moderately disturbed
40	8		imperfect clay silt (Ø 0.4mm)											large granule clast 40-46cm
50	6													large limestone clast 13-17cm
60	10													max clast size → 6cm diameters
70	9													10cm oxidized void (primary?)
80	6													inherent
90	10													
100	7		oxidized void											
110	9													
120														
130														
140														
150														
160														

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

Exp. 347	Site 64	Hole C	Core 26	Type N	Section 1
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Date 2/13/14	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	void												
4	4												
6	6												
11	11												
17	17												
20													
30	4												
40	9												
50	9												
60	7												
70	6	0											
80	10												
90	6												
100	8												
110	8												
120	6												
130													
140													
150													
160													

Dark greenish gray (10 Y 4/1) massive clast-poor muddy diamicton, sandier at the top and becoming muddy at the bottom; transitional boundary at ca. 90 cm. 0-17 cm: soft, disturbed - vertical orientation of some elongate clasts - clasts appear in clusters or nests - clasts up to 7 cm, subangular

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

Exp. 347	Site 64	Hole C	Core 27	Type N	Section 1
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Date 13.07.14	Time 1730	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			~~~~~ crack					• dark greenish gray • muddy diamicton (10y 4/1) • poorly sorted • crack at 8cm • max grain size 2cm • slightly disturbed • polymic E composition

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

Exp. 347	Site 64	Hole C	Core 28	Type N	Section 1
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Date 2/13/14	Time	Observers TK/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	4												Dark greenish gray (10 x u/i) ^{stratified} massive	
10													14	clast-poor muddy diamicton becoming
20													5	clast-rich sandy diamicton at ~69cm;
30													8	- dash band at ~77-80cm
40													9	below it the diamicton is very hard and compact
50													6	- clasts up to 1.5cm, angular to rounded
60													0	poly mixt assemblage
70													9	- clast clusters at 32-35cm,
80													12	- 118-128cm: massive sandy, clayey silt with dispersed clasts interbed
90													8	
100													11	
110													11	
120													16	
130														
140														
150														
160														

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

Exp. 347	Site 64	Hole C	Core 28	Type N	Section CC
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Date 2/13/14	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		<p>4</p> <p>12</p>	<p>↑</p> <p>↓</p>									<p>Dark greenish gray stratified clast sandy clayey silt with dispersed clasts;</p> <p>- dark bands (lamination) at 4-10 cm, not parallel</p> <p>- diamicton interbed at 13-18 cm, clast% at ~20% (very clast-rich)</p>	

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

Exp. 347	Site 64	Hole C	Core 29	Type N	Section 1
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Date 2/13/14	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	6 4 4	0									} : : : -	Dark greenish gray (10x4/1) stratified sandy clayey silt with dispersed clasts clasts up to ~1cm; angular to subrounded polymict assemblage - greenish mud bands at 18-29 cm, not parallel and inclined	

