

Expedition 341 S. Alaska Margin:

Site: U4/8 Hole: C Core: 1A Section: 12 Top Depth: 0-150

Major Lithology: interbedded silt + mud Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>mud</u>		<u>10YR3/2</u>				<u>SC4</u>	<u>diatom ooze</u>	<u>AB, 6-26-13</u>
10									
20	<u>interbedded silt + mud</u>		<u>NS</u>					<u>15 silt laminae</u> <u>mud ≤ 15 cm</u>	
30								<u>collage ooze structure</u>	
40									
50									
60								<u>collage ooze structure</u>	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U418 Hole: C Core: 1H Section: 2A Top Depth: 0-150

Major Lithology: mud Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-26-13
10	<u>mud</u>		<u>NS</u>						
20								<u>coarse loose structure</u>	
30	<u>mud</u>		<u>NS</u>						
40							<u>SS37</u>	<u>diatom bearing mud</u>	
50	<u>mud</u>		<u>NS</u>						
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 1H Section: 3A Top Depth: 0-198

Major Lithology:  Mud Minor Lithology:  Sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-26-13
10									
20									
30	Mud								
40			N5						
50									
60									
70									
73									
80	Sand		N4				879	silt	
90									
100	Mud								
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: C Core: 1H Section: 4A Top Depth: 0-150

Major Lithology: mud Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									AB, 6-26-13
10	<u>mud</u>		<u>N5</u>					<u>massive mud</u>	
20									
30	<u>sand</u>		<u>N6</u>				<u>SS??</u>	<u>sand (lots of hum)</u>	
40								<u>massive mud</u>	
50									
60									
70	<u>mud</u>		<u>N5</u>						
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U148 C 14 5A 0-148  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-26-13
10									
20			<u>NS</u>	<u>slurry clastic</u>					
30	<u>mud</u>								
40								<u>↓</u> <u>color banding</u> <u>NS with BS</u>	
50									
60									
70				<u>Brown, mod.</u>					
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U418 Hole: C Core: 1H Section: 6A Top Depth: 0-101

Major Lithology: mud Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-26-13
10									
20									
30			<u>N4</u>						
40				<u>slurry, clasts</u>					
50	<u>mud</u>								
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: C Core: 1H Section: CC Top Depth: 0-17

Major Lithology:  Mud Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-26-13
10	Mud		Wg						
12									
17	PAL								
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 C 24 1A 0-150

Site: U1418 Hole: C Core: 24 Section: 1A Top Depth: 0-150

Major Lithology: interbedded silt & mud Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>bsm</u>							section so soupy that details are not well recognizable  23 silt laminae mud < 33 cm  2-3 cm	AB, 6-26-13
10			<u>N4</u>						
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130	<u>mud</u>		<u>N5</u>						
140									
150									



Expedition 341 S. Alaska Margin: U1418 C 2A 2A 0-148

Major Lithology: interbedded silt + mud Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>mud</u>		<u>N5</u>						<u>AB, 6-26-13</u>
10	<u>ls sm</u>								
20			<u>N4</u>					<u>faintly color banded</u>	
30								<u>N4 (common) N5 (rare)</u>	
40								<u>section soupy, faint detail</u>	
50									
60								<u>26 silt laminae</u>	
70								<u>mud &lt; 10 cm</u>	
80								<u>silt laminae after in pairs with</u>	
90							<u>SS90</u>	<u>a larger mud interval in bc =</u>	
100								<u>trace silt laminae ditara 2-3</u>	
110								<u>cm</u>	
120								<u>mud</u>	
130									
140									
150									

Expedition 341 S. Alaska Margin: 11418 C 2H 3A 0-157

Major Lithology: interbedded silt + mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>15su</u>		<u>N4</u>					<u>section soupy</u>	<u>AB, 6-26-13</u>
10								<u>difficult to see</u>	
20									
30								<u>32 laminae</u>	
40								<u>mud &lt; 20 cm</u>	
50								<u>laminae often in pairs or triplets between the muds</u>	
60								<u>fair color banding</u>	
70									
80									
90									
100									
110									
120							<u>85/24</u>	<u>ash</u>	
130			<u>16/R3/3</u>						
140									
150									

Expedition 341 S. Alaska Margin: 11418 C 241 4A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: interbedded silt + mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>bsu</u>		<u>N4</u>						<u>AB, 6-26-13</u>
10									
20								<u>32 silt laminae</u>	
30								<u>mud &lt; 12 cm</u>	
40								<u>faint colour banding</u>	
50									
60									
70									
80				<u>scrap</u>					
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U418 C 2H 5A 14.60 m CEF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: ~~N4~~ SILT & MUD Minor Lithology: MUD

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 26 2013
0					none ↓	absent ↓		0-150: soupy(mod.); bowed(slight to mod.)		
10										
20	INTER-BEDDED SILT & MUD (IBSM)		N4	↓ P.O.S. ↓ BOWED ↓				-silt: thinly laminated + laminated @ 1-10cm intervals		
30										
40							SS41	-silt w/ clay		
50										
53										
60										
70										
80	mud		N4							
87										
90	IBSM		N4					-silt: thinly laminated @ 1-2cm intervals		
100										
101										
110	mud		N4							
112										
120	IBSM		N4					-silt: thinly laminated @ 1-5cm intervals		
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 C 2H 6A 16.10 m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTERBEDDED SILT+MUD Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: <u>Childress</u>	Date: <u>JUNE 26 2013</u>
0					<u>none</u> ⇓			<u>0-110 cm: soupy (mod.), bowed (slight to mod.)</u>		
10										
20	<u>INTERBEDDED SILT+MUD</u>		<u>N4</u>					<u>silts: thinly laminated @ 1-15 cm intervals</u>		
30										
40	<u>sand</u>							<u>36-46: sand patch</u>		
50										
60										
70										
80										
90										
100										
110	<u>END</u>									
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

11418

C

2H

7A

17.20 m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: INTER-BEDDED SILT & MUD

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 26 2013
0					none ↓	absent ↓		0-60cm: soupy (mod.), bowed (slight to mod.)		
10										
20	INTER-BEDDED SILT & MUD		N4	NO DRILLING DISTURBANCE				silts: thinly laminated @ 1-15cm intervals		
30										
40										
50							SS46	mud, no bio		
60	END									
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: W418 C 2H CC-A 17.80m  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 26 2013
0								0-14: soupy (mod) -		
10	mud		N4	SCOS	none	absent				
15										
20	PAL						PAL			
25										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 C 3H 1A 18.10m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTERBEDDED SILT & MUD Minor Lithology: MUD

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: June 26 2013
0				MISSING CORE (Chgs)	noise ↓					
10										
20	Mud		N4	S O P U P Y (mud) ↓		abs.				
30										
40										
50										
60	INTER-BEDDED SILT & MUD (IBSM)	C O L D R B A N D S (CB)	N4			absent		green color bands (1-2cm thick)		
70								silts: thinly laminated @ 1-15cm intervals		
80	VOID					VOIDS				
90										
100								silts: same as above		
110	IBSM	CB	N4			present				
120						117 (>2mm)				
130							SS170	silt, w/ sand		
140										
150										



Expedition 341 S. Alaska Margin: U1418 C 3H 2A 19.60m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTER-BEDDED SILTS & MUD Minor Lithology: MUD

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: <u>Childress</u>	Date: <u>JUNE 26 2013</u>
0					none			0-150: green color bands		
10	INTER-BEDDED SILT:MUD (IBSM)	COLONNARDS (CB)	N4	SOPY (mod.)	↓	absent		-silt: thinly laminated @ 2-15 cm intervals		
20										
30										
33										
40	VOID					VOID				
44										
50										
60										
70	IBSM	CB	N4			Present 74 (>2mm)		-silt: same ↗		
80										
90										
94								green color bands		
100										
110	mud	CB	N4			absent				
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 C 3H 3A 21.10m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTER-BEDDED SILTS & MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 26 2013
0					none ⇓	absent				
10				S						
20	INTER-BEDDED SILTS & MUD	COBBLE LONDS	N4	O				0-150: green color bands (1-2cm thick)		
30				P						
40				Y (mod.) ⇓				- silts: thinly laminated, @ 1-15 cm intervals (likely closer, but obscured by D.D.)		
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U4B C 3H 4A 22.60m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTERBEDDED SILT & MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0					none ↓	absent ↓			Childress JUNE 26 2013
20	INTER-BEDDED SILT & MUD (IBSM)	COLUMNAR (CB)	NY	S				- green color bands (1-3cm thick)	
30				O				- silts: thinly laminated @ 1-15cm intervals, (likely closer, but obscured by P.D.)	
40				P					
50				Y					
60				(mod.)					
60								→ gradational	
70	IBSM	CB	10Y 4/1					- grey color bands (1-2cm thick)	
90							SS90	mud, no bio.	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U418 C 3H 5A 0-150

Major Lithology: interbedded silt + mud Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>ibsm</u>							<u>mud with silt</u> <u>strongly colour banded</u> <u>dark gray N4 and very dark</u> <u>gray to black N2.5</u> <u>colour bands 0.5-3cm,</u> <u>some bands are 'anoxic' black,</u> <u>FeO,</u>	#B, 6-26-13
10									
20									
30									<u>↓</u> <u>107R 2/1</u>
40								<u>to silt laminae</u> <u>mud &lt; 10 cm</u>	
50									
60									
70									
80									
90									
100								<u>ss102 mud!</u>	
110									
120									
130									
140									
150									

down, mud.

Expedition 341 S. Alaska Margin: U418 C 3H 6A 0-101

Site: U418 Hole: C Core: 3H Section: 6A Top Depth: 0-101

Major Lithology: mud Minor Lithology: interbedded silt + mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-26-13
10								colour banded, 1/4 with laminae 10XR 2/1 (FeO)	
20	mud							mud	
30	○ ○ ○		Ng					black patches (FeO), 10XR 2/1	
40									
50									
60									
70	bsm			ferrous, mud					
80	○		Ng					9 silt laminae mud ← 7m	
90								black patches, FeO	
100	△ ○ ○								
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 3H 7A 0-62  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									
10	<u>mud</u>		<u>Wh</u>					<u>bad samplac 10YR 2/1</u>	<u>AB, 6-26-13</u>
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U418 Hole: C Core: 4H Section: 1A Top Depth: 0-151

Major Lithology: mud Minor Lithology: interbedded silt + mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									AB, 6-26-13
10	interbedded mud + silt		N4					7 silt laminae mud ≤ 9cm	
20								mud massive	
30									
40								massive mud	
50			N						
60								4 silt laminae	
70									
80	mud								
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U418 Hole: C Core: 4H Section: 2A Top Depth: 0-150

Major Lithology: mud Minor Lithology: interbedded silt + mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>mud</u>								<u>AB, 6-26-13</u>
10									
20			<u>N4</u>					<u>massive mud</u>	
30									
40									
50							<u>SS45</u>	<u>mud, barite</u>	
60									
70				<u>bioturb. mud.</u>					
80									
90									
100									
110									
120	<u>interbedded silt + mud</u>		<u>N4</u>						
130									
140	<u>mud</u>		<u>N4</u>					<u>massive mud</u>	
150									



Expedition 341 S. Alaska Margin:

Site: 11418 Hole: C Core: 4H Section: 3A Top Depth: 0-150

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-26-13
10								massive mud	
20	mud		N4						
30									
40									
50									
60								colour banded N4 and N2.5	
70			N4						
80	mud			forams, mud.				below on 85 downwards increasing abundance of black (FeO) patches	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: UH18 Hole: C Core: 4H Section: 4A Top Depth: 0-150

Major Lithology: unbedded silt + mud Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0						clast present		massive mud	AB, 6-26-13
10									
20									
30	mud		N4					pebbles, lam., arg. illite in WH!	
40									
50									
60	unbedded silt + mud		N4					silt with mud	
70							357	19 in WH laminae mud < 16 cm	
80								gradual color change to a dark grey down section	
90									
100									
110									
120									
130									
140			N3						
150									

Expedition 341 S. Alaska Margin: U1418 C 4H 5A 33.60m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud (w/ silt) Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 26 2013
0					none ↓	absent				
10								- green/black bands (~1 cm thick) + black mottling		
20	mud	COLOR BANDS	N4	BOWEN D (mod.)						
30	w/ silt									~10 silt patches/layers (thinly lam.) throughout the cor
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: 11418 C 4H 6A 35.10w CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, glass, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 26 2013
0	mud		N4		none	absent				
10								gradational		
20	Inter-Bedded Silt & Mud	COCCON BANDS (CB)	N4	BOWED (slight to mod.)			5521	max, no bio silt: thinly laminated, @ 1-5cm intervals black color bands (<1cm to 1cm thick)		
30										
40										
50	mud		N4					intense black mottling		
60										
70										
80	mud (w/silt)	CB	N4	BOWED (slight)	none	absent		faint black color bands ~5 silt patches/layers (thin lam.)		
90							5590	mud, no bio		
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

U141B

C

44

7A

36.40m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud (w/ silt)

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, forams, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 26 2013
0					none	absent				
10								- faint black color bands (0-77cm)		
20										
30	Mud w/ silt		N4	DF 0.3 slight mud				~5 silt patches/layer (thinly lam.) 31: crack, slight		
40										
50				////				50-51: gas expanstish (mod.)		
60										
66	END									
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 C 4H CC-A 37.06m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTERBEDDED SILT & MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, glass, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 26 2013
0					none	absent				
10	INTER-BEDDED SILT & MUD		NY	BOWED (mod.)				silt: thinly laminated @ 2-4cm intervals		
17										
20	PAL						PAL			
22	END									
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1418

C

51

1A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N3					0-68.5	KE 27/JUN/13
10								* Coloured mud with occasional silt laminae	
20					slight			* colour banding between very dark grey (N3) & dark greenish grey (10y 4/1)	
30								↳ only subtle variations	
40								* scattered blue mottles	
50								* laminae < 5mm thick; ~3 pcs. Spacing: > 16 cm	
60								* laminae generally somewhat more abundant in more greyish intervals	
70								68.5-75.5	
80	Mud				none			* massive fine sand	
90								* some lower & sharp upper boundary	
100								75.5-150	
110					slight bowing			* as 0-68.5	
120					slight to moderate			* laminae: 5mm; ~9 pcs; spacing: 2-26 cm	
130							SS 115	* 115: diatom bearing mud with volcanic ash	
140								* sel. green & many / large black mottles ~ 119 - ~ 125	
150									

Expedition 341 S. Alaska Margin:

U1418 C 5H 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	thin		N4					0-150	VF 29/Jul/13
10								* see sect. 1, 0-68.5 (mud with silt laminae)	
20								* laminae: ~ 4 pos; < 2 mm; spacing: ~ 2 cm - ~ 55 cm	
30								* rel. much greenish grey intervals	
40								* rel. much black mottling between ~ 11-58 cm	
50								⇒ more silt laminae seem to appear during drying of core surface	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

U1418 C SH 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-141: * slightly colour banded mud with mill laminae * laminae: ~ 10 pcs; < 2 mm; spacing < 1 - > 40 cm * large black mottle at 109-110 * limestone (small pebble)	HF 25/JUN/13
10									
20									
30									
40									
50									
60									
70				slight laminog	slight				
80									
90									
100									
110									
120									
130								141-150 * see section 4, 0-108	
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 5H Section: 4 Top Depth: 0-150cm

Major Lithology: mod

Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JH 27.6.13
10								- massive clayey mud interbedded with several thin (max 1cm) silt layers (> 20 layers)	
20							SS (27)	- slight color banding (brighter N4 bands within darker N3 matrix)	(5' out mud)
30									
40									
50			N3						
60				slight banding	slight				
70									
80									
90			2.5x 6/1		mod		SS (28)	83.5-86cm: gray ash, 95% glass fine sharp lower boundary bioturbated upper boundary	fine sand-sized + little brown shale
100					slight				
110									
120			N4					108-150cm: massive clayey mud with in-house black mottling & few silty patches	
130	mod								
140									
150									

Expedition 341 S. Alaska Margin: U1418 C 5H 5 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								massive mud (clayey) - less black mottling than in upper section of this core - few silt bodies (discontinuous layers & patches) → mud with silt → slight color banding	JM 27.5.13
10	clayey								
20									
30			NK						
40					slight				
50									
60									
70				slight					
80									
90									
100	clayey		NK						
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 5H Section: 6 Top Depth: 0-150cm

Major Lithology: Mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								mud with silt ↓ discontinuous layers & patches - block settling - slight color banding	JM 27.6.13
10									
20									
30									
40									
50							SS (50)	48-51cm: volcaniclastic sandy <u>sandy mud</u> (with horse shells), block settling	
60									
70									
80									
90									
100									
110									
120									
130									
140								clast @ 135cm, φ 0.6cm	
150									

Expedition 341 S. Alaska Margin:

Site: 41418 Hole: 5H Core: 7 Section: 0-68cm  
 Top Depth:

Major Lithology: Med Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								- massive clayey med	JH 27.6.13
10								- few black nodules	
20	clayey med							- thin silt layer @ bottom of this section (0.5cm)	
30			NK	light brown				- slight color variations	
40									
50					light				
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418    5H    CC    0-11c  
 Site:            Hole:            Core:            Section:            Top Depth:

Major Lithology: med

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	med		NK		0			- clayey massive med - slight color banding	JM 27.6.13
10	X						PAL	17-16c: sample	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

41418 C 6H 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-150	MF 27/JUN/13
10				mussel like (heavy)	7			color banded mud with silt laminae	
20								slight color banding to more greyish & greenish	
30								laminae: < 5mm; ~ 30 p.c.s. spacing: ~ 5mm - 10cm	
40								in continuous & discontinuous	
50								weathered black mottles	
60								one lumbstone	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 C 64 24 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		U4					0-150	MF 27/JUN/13
10								* color banded mud with silt laminae	
20								* slight color banding to more greyish & greenish	
30								* laminae continuous to dis-	
40								continuous	
50								< 1 cm, spacing: ~5mm - 18cm	
60								~30 pcs	
70								* scattered black mottles	
80									
90									
100									
110							SS-109	109-109.5	
120								109: volcaniclastic bearing mud	
130								109.5-150:	
140								> 10 laminae	
150								spacing ~5mm - ~7cm	



Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 6H Section: 3A Top Depth: 0-150

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		M4						MF 27/JUN/13
10								* color banded mud with silt laminae	
20								* slight color banding to more greyish & greenish	
30								* laminae continuous to discontinuous	
40								< 1 cm; spacing: 5mm - ~39cm	
50								~40 pcs	
60								* rel. light / greenish interval with rel. few laminae between ~50 - ~110 cm	
70								* scattered black mottle	
80								* 3 limestones (2 granules + 1 small pebble)	
90									
100									
110									
120									
130									
140									
150									

slight lowering  
 slight

Expedition 341 S. Alaska Margin:

U1418 C 6H 4A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-61	RF 27/JUN/13
10								* color banded mud w/ K silt laminae	
20								* slight color banding to more greyish & greenish	
30								* laminae continuous to dis-	
40								continuous < 1 cm, spacing: < 1 cm - > 20 cm ~ 5 pcs.	
50					slight			* scattered black mottles	
60					slight			61-63.5	
70	Mud	63	loy 4/1		NOPE			* fine sand with diatoms	
80					moderate			* zone lower + sharp upper boundary	
90								63.5-109	
100								* mud with diatoms	
110			N4					* one silt lamina; ~ 2 mm; discontinuous	
120								* 2 granules	
130					moderate			109-156	
140					slight			* continuation of 0-61	
150								* laminae: < 1 cm; 4 pcs; Spacing: ~ 1 cm - > 20 cm	
								x 1 pebble (small) / limestone	

Expedition 341 S. Alaska Margin: 6418 C 6H 5 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								- massive clayey mud interbedded with silt layers (0.5 cm); (~15 layers)	JM 27.6.13
10								- color banding slight, few blue wottles	
20								clast @ 18 cm, $\phi$ 1.5 cm, subrounded in etasediment	
30								clast @ 32.5 cm, $\phi$ 0.5 cm	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

N4

moderate to high bowing  
 slight

SS (24)

base mud

N4

clast @ 102 cm,  $\phi$  0.5 cm

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: 6H Core: 6 Section: 0-150cm  
 Top Depth:

Major Lithology: Mud Minor Lithology: silt, sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 27.6.13
10	clayey mud		N4					med interbedded with silt - 12 discontinuous layers (0.4 cm thick) → sharp boundaries, w 12 layers - slight color banding, few silt wattles	
30									
40								39-42.5 cm: poorly sorted fine to medium sand, normally graded, sharp erosive lower boundary, gradual upper boundary diam @ 42 cm, φ 0.5 cm	
50		color banding							
60								only mud lens @ 46 cm, φ 1 cm	
70	clayey mud								
80									
90			N4						
100	clayey mud								
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 C Hole: 6A Core: 7 Section: 0-57cm  
 Top Depth:

Major Lithology: med Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>med</u>		<u>NK</u>					<u>massive med</u>	<u>JM 27.6.13</u>
10									
20								<u>15-57cm: liner not completely filled, sand in?</u>	
30								<u>→ liner broken</u>	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 414 18 C Hole: 6H Core: CC Top Depth: 0-130

Major Lithology: Mud Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>Mud</u>		<u>N4</u>	<u>60000</u>	<u>0</u>			<u>1st massive clayey mud</u>	<u>JM 27.6.13</u>
10	<u>X</u>						<u>PAL</u>	<u>13-18 cm sample</u>	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 C 7H 1A 0-93  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4						HF 27/Jan/13
10				Bowed (light - mod.)				0-93 : * color banded mud w/ illaminiae * slight color banding in mud to more greenish/greyish * laminae : < 3 mm thick ~ 6 pcs; spacing : 1-2 cm ↳ continuous to discontinuous * some black mottles * no structure visible below 54 cm due to disturbance	
20									
30									
40									
50									
60									
70	severely disturbed			monocline (heavy)	54 Mottled			disturbance due to pieces of broken plastic liner	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418 C 7H 2A 0-133  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-133	MF 27 JUN 13
10								* as section 1	
20								* laminae: < 1cm, ~25 pcs, Spacing: ~5mm - ~40cm	
30								↳ no laminae between ~40-80cm	
40								one limestone (granule)	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

U1418 C 7H 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-150	MF 27/JUN/13
10								# as section 1	
20								# laminae: < 1 cm; ~30 pcs	
30								spacing ~1 cm - ~12 cm	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

slight to moderate burrowing  
 depth

Expedition 341 S. Alaska Margin:

U1418

C

7H

4A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-99	MF 27/JAN/13
10								* as section 1, but rel. few laminae, especially above ~60 cm (NONE above 60 cm)	
20								* laminae: < 3 mm; ~10 pcs. spacing: < 1 cm - > 60 cm	
30								* rel. light & rel. many black mottles above 60 cm	
40								* two limestones	
50					slight laminating				
60					slight				
70									
80									
90									
100								99-111: VOID	
110	VOID								
120								111-150: as 0-99	
130								* laminae: 4 pcs. < 3 mm spacing: 2 - > 16 cm	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 C Hole: 7H Section: 5 Top Depth: 0-150cm

Major Lithology: Mud

Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								interbedded mud with few silt layers (0.5cm) ~ 12 layers, sharp boundaries, other discontinuous	JM 27.6.13
10	clays muds							- color banding, few black nodules	
20									
30	clays muds		Nx						
40									
50				moderate bowing	signs x				
60									
70									
80									
90									
100	clays muds								
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: UAK 18 C Hole: 7H Core: 6 Section: 0-91cm  
 Top Depth:

Major Lithology: med

Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								* interbedded med with sh (0.5m) silt laminae (~5 layers) → sharp boundaries * slight color banding, black mottling	JM 27.6.13
10									
20	claygy		NK						
30									
40									
50				(slight)	slight				
60									
70	claygy		NK	bowing					
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 C Hole: 7H Core: CC Section: 0-29c Top Depth:

Major Lithology: Med

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 27.6.13
10	med (massive clayey)		NK					- color sandy (silty) - few black nodules	
20								22-23c = crack (high)	
30							PAC	29-34c sample	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 9H Section: 1A Top Depth: 0-150

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4	minor - like mudstone				0-150	MF 27/JUN/13
10								* colour-banded mud w/ks	
20								occasional milt laminae	
30								* colour changes to slightly more greenish & darker grey	
40								* 4 milt laminae < 3 mm	
50								* scattered granules & pebbles	
60								* sand clast: ~59.5-58.5;	
70								109-110.5	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418

C

94

2A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-150 * as section 1 * laminae ~ 7 pcs.; < 2 mm; spacing: < 1 - > 50 cm * 1. limestone	MF 27/JUN/13
10									
20									
30									
40									
50									
60									
70				slight boring	slight		SS FA	→ mud with traces of org	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 9H Section: 3A Top Depth: 0-82

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>Mad</u>		<u>N4</u>					<u>0-82</u>	<u>MF 27/Jul/13</u>
10								<u>* as section 1,</u>	
20								<u>but increased amount of silt laminae below ~37cm</u>	
30								<u>* laminar: ~15 pcs; &lt; 5 mm thick;</u>	
40								<u>spacing: &lt; 1 - ~30 cm</u>	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

U1418 C 9H CC 0-33  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-28	MF 27/JWJ/13
10				drilling	drift			* mud (color banded; see section 1) # 1 limestone	
30							PAL	28-33: Sample PAL	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: YAK18 Hole: 10H Core: 1 Section: 0-150cm  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: md

Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0				X				void 0-3cm color banded mud with occasional silt laminae (discontinuous) - silt nodules occur (7 cent core)	JM 27.6.13
10									
20			N4						
30									
40	clayey mud				silt				
50									
60									
70								clast @ 69cm, $\phi$ 0.8cm	
80									
90									
100			N4						
110									
120					silt				
130	clayey mud								
140									
150									

Expedition 341 S. Alaska Margin:

Site: L1478 Hole: C Core: 10th Section: 2 Top Depth: 0-150cm

Major Lithology: Med Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								- med with silt (a cae (disco-dior, irreg-bor-dior)	JK 27.6.13
10								- stark mottler, slight color banding	
20			N4					→ med with silt	
30									
40									
50		slight color banding		slight sowing	slight			clast @ 51cm, $\phi$ 0.6cm, 55-56cm: sandy med base	
60									
70								clast @ 73cm, $\phi$ 0.5cm	
80									
90									
100			N4						
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U17418 C Hole: 10th Core: CC Section: 0-13c  
 Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud	color s.	Mx	slightly	Mx			- massive, clayey mud	JM 27.6.17
10									
20							PAL	11-18cm: PAL sample	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: 10H Core: 3 Section: 0-150  
 Top Depth:

Major Lithology: med Minor Lithology: sand, silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								massive clayey med (with silt)	JM 27.6.13
10								- very fine (s) silty laminae (dis-	
20								- continuous)	
30								- flat - otter	
40			N4						
50							SS (56)	Arcto - bearing med with volc. ash (glass)	
60		color banding		very slight sorting					
70									
80			5Y 4/1					76-82cm: poorly sorted fine to med-sand, sharp erosive lower boundary, fining upward	
90								94-95cm sand lens (pull-down?)	
100									
110			N4						
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418 C 114 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		10y 4/1	moderate				47-150 ← 0-47: bitulicous bearing mud lamina	MF 27/JUN/03
10								* Mud	
20								* occasionally very small colour variations	
30								* occasional occurrence of silt laminae:	
40								~8 pcs. ; < 2mm ; spacing: ~1 - > 30cm	
50			N4					* rel. many black mottles (compared to other cores)	
60								* Scattered conchoidal (granule, small pebble)	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418

C

11H

2A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-150	PF 27/JUN/13
10								* Mud	
20								* occasionally very small color variations	
30								* <del>very</del> occasionally silt laminae to ~4 pcs. < 2 mm; Spacing: ~5 mm - ~45 cm	
40								* scattered limestones (gran & pebb.)	
50								* black mottles (more than in other cores)	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150								142-144: sub-angular pebble of meta sediment	

Expedition 341 S. Alaska Margin:

U1418  
Site:

C  
Hole:

11H  
Core:

3A  
Section:

0-116  
Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-116 * Mud * occasionally very small colour variations * occasional silt laminae < 3 mm; ~ 7 pcs./	MF 27/7/13
10								Spacing: ~ 5 mm - ~ 58 cm	
20								* rel. many black mottles compared to other cores	
30								* scattered bonebones (gran. & pebb.)	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

U1418

C

114

4A

0-57

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		U4					0-57	MF 27/JUN/13
10								* as section 3	
20								* laminae: < 3mm, ~4 pcs.	
30								spacing: ~1.5cm - > 20cm	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418 C MH CC 0-16  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4	slight hoisting	slight			0-11 * as section 3	JF 27/JUN/13
10							PAL	* 1 lamina (< 2 mm)	
20								11-16: Sample PAL	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 47418  $\leftarrow$  Hole: 12H Section: 1 Top Depth: 0-130

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									OM 22.6.13
10								clayey mud clast @ 8.5cm, $\phi$ 0.8cm	
20			10Y 4/1		$\odot$			ss (20) - very subtle color changes, few black nodules (pixerize) almost same	
30									
40								clast @ 42cm, $\phi$ 2cm (in WH) sandstone	
50									
60									
70								(55) $\rightarrow$ diatom-rich 77	
80								clast @ 84cm, $\phi$ 0.5cm	
90			10Y 4/1		5G/5X				
100								clast @ 104cm, $\phi$ 0.5cm	
110									
120									
130			10R 4/1					(dark-reddish gray) angular limestone, $\phi$ 4cm @ 131cm metasiltstone (in WH)	
140								clast @ 139cm, $\phi$ 0.8cm, sub- rounded	
150									

Expedition 341 S. Alaska Margin:

Site: 41418 ◀ Hole: 12H Core: 2 Section: 0-150cm Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								- mud with pixel sized black lottles, very subtle color changes	JM 27.6.13
20	Mud						SS (20)	→ diatom ooze	
30			70% 4/1						
50									
60								56-60cm: sand, fine to medium, fine upward, sharp erosive lower boundary	
80	Mud								
90									
100			5% 4/1					94-95.5cm: sand, erosive lower boundary, fine upward	
102								clast @ 102cm, φ 0.6cm	
130									
132								clast @ 132cm, φ 0.5cm	
140	Mud								
150									

Expedition 341 S. Alaska Margin:

Site: U1418 C Hole: 12H Core: 3 Section: 0-115cm Top Depth:

Major Lithology: Mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								- mud with very few silt - waffles	JM 27.6.13
10	oolite		10Y 4/1				SS (20)	- ooze	
20									
30									
40									
50									
60			10Y 4/1					lithified burrow @ 62-63cm, $\phi$ 1cm	
70									
80									
90								clast @ 92cm, $\phi$ 0.5cm	
100								clast @ 93cm, $\phi$ 0.5cm	
110								clast @ 97cm, $\phi$ 0.5cm	
120								clast @ 107cm, $\phi$ 0.5cm	
130								109.5cm: clast, $\phi$ 0.6cm	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41417 C Hole: 12H Core: 4 Top Depth: 0-59cm

Major Lithology: Mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								clast @ 3cm, $\phi$ 0.6cm	JM 26.8.13
10	<u>Mud</u>		<u>NK</u>					clast @ 6cm, $\phi$ 0.3cm clast @ 8cm, $\phi$ 0.3cm	
20								clast @ 22cm, $\phi$ 0.8cm (in 4H)	
30									
40								clast @ 39cm, $\phi$ 0.4cm	
50	<u>Mud</u>		<u>NK</u>					clast @ 45cm, $\phi$ 0.5cm - - 46cm, $\phi$ 0.5cm	
60								massive ↓ mud with subtle color changes, few black nodules, very fine sand or silt layer @ 35-37cm, entire core boundary	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 Hole: 12H Core: CC Section: 0-12C Top Depth:

Major Lithology: M-d

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	M-d		N4		0			just Larrive mud	JM 26.6.13
10	X						PAC	12-17 - sample	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 Hole: C Core: 13H Section: CC Top Depth: 0-21

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4	light	light				PF 27/JUN/13
10								0-14 * Mud # color banding	
20							PAL	* laminae: ~3 pcs; < 2mm Spacing ~ 1-5 cm	
30									
40								14-21 Sample PAL	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

U1418

C

134

4A

0-61

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-61	MF 27/JUN/13
10								* Mud	
20								* slight colour banding (greenish / greyish)	
30								* laminae: ~10 pcc; < 3mm spacing; ~3mm -> 17cm	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418 C 13H 3A 0-116  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-116: * Mud	MF 27/JUN/13
10								* slight colour banding (greenish/greyish) -> mostly very thin bedded	
20									
30								* laminae: ~10 pcs; ~2 mm spacing: ~1-60 cm	
40								* scattered granule concretions	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

slight banding  
 slight

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 13H Section: 2A Top Depth: 0-150

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		Uy					0-150	MF 27/JUN/13
10								* Mud	
20								* slight colour banding (greenish/greyish) → mostly very thin bedded	
30								* laminae: ~2mm / 15-20 pcs	
40								Spacing: ~5mm - ~27cm	
50								* 1. lenticular (granules)	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 Hole: C Core: 134 Section: 1A Top Depth: 0-150

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-150	MF 27/JUN/13
10				microscopic micrite/lign				* Mud → more greenish/greyish	
20								* slight colour banding	
28								* 4 laminae, c. 2 mm thick	
30								* 146-148: mud clast Co Spacing: 1-2.5cm	
35								* limestone (granular)	
60					slight				
70									
80				slight banding					
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 Hole: C Core: 14H Section: 1 Top Depth: 0-150cm

Major Lithology: Mud Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								- massive clayey mud, color banded, black mottling (w/ lighter color banded at bottom)	JM 27.6.13
10									
20			NK						
30		Color S.			None to slight			clast @ 31cm, $\phi$ 0.6cm - - - 33cm, $\phi$ 0.4cm	
40									
50								clast @ 46cm, $\phi$ 0.5cm - - - 48cm, $\phi$ 1cm (in WH)	
60								clast @ 59cm, $\phi$ 0.3cm	
70									
80									
90								clast @ 85cm, $\phi$ 0.5cm	
100			NK				SS (10.5)	volcaniclastic sandy mud	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 C Hole: 14 H Core: 2 Section: 0-150cm Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								massive clayey mud with few silty layers (discontinuous) ~ 10 layers color banded few black nodules	JM 27.6.13
10									
20									
30			N4					2 mud with silt	
40									
50									
60		color banding							
70									
80								clast @ 80cm, $\phi$ 1cm	
90									
100							SS (103)	103cm silt (Qtz, amphiboles)	
110			N4						
120									
130									
140			S4 411					138-144cm sand, positive Gwer boundary, fine grained, poorly sorted irregular upper boundary	
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: 14H Core: 3 Top Depth: 0-115

Major Lithology: Mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								clast @ 0.1 cm, $\phi$ 0.3 cm	JM 22.6.13
10								- " - 3 cm, $\phi$ 0.5 cm	
20					0			- " - 6 cm, $\phi$ 1 cm	
30								- massive clayey mud with silt (few silt - oyster) (occasional = 3)	
40			N4					- slight color variation volcaniclastic leaning mud	
50									
60		color banding						clast @ 53.5 cm, $\phi$ 0.8 cm	
70			N4					- " - 66 cm, $\phi$ 0.4 cm	
80								clast @ 68 cm, $\phi$ 0.4 cm	
90								clast @ 73 cm, $\phi$ 0.5 cm	
100			N4					2 clasts @ 78 cm, $\phi$ 0.4 cm	
110									
120									
130									
140									
150								clast @ 97 cm, $\phi$ 0.2 cm	

Expedition 341 S. Alaska Margin:

Site: U1418 C Hole: 14H Core: 6 Section: 0-63  
 Top Depth:

Major Lithology: Mud Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								massive clayey mud with silt (some accumulation at bottom of section)	JM 27.6.13
10									
20			N4	slight bowing	0			thin silt layers = 0.5cm (max)	
30		Color banding							
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: 41418 C Hole: 14H Core: CC Section: 0-25.5m Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								0-1.5m fine sand/silt, erosive lower boundary	JM 27.6.13
10			N4	0	0			clast @ 16.5m, $\phi$ 0.2cm	
30	PAL							26-31cm sample	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: W141B C 15H 1A 96.30 m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud w/ silt Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0						> 24 m ↓		0-150: extremely faint green/gray color bands		
10	mud w/ silt	COLOR BANDS	N4			Ø: 3cm clast		siltstone		
20										
30				BOWED (slight)				~10 thinly laminated to laminated silt beds throughout, thicker ones are normally graded		
40				↓						
50										
60							S360	mud, no bio		
70										
80						Ø: 2.5cm clast		siltstone		
90						B2				
100								black (1cm) band @ 97, 100cm		
110							S3106	silt		
120						B3				
130										
140										
150						B4				

Expedition 341 S. Alaska Margin: W418 C 15H 2A 97.80m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Inter-Bedded Silts & Mud Minor Lithology: Mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 27 2013
0					none			0-150: faint green/gray color bands		
10										
20										
30	INTER-BEDDED SILTS & MUD (IBSM)	COLOR BANDS (CB)	N4	BEDED (slight) ↓				33-139: along core clast drag, slight		
40										
50								silts: thinly laminated to laminated, @ ~1-10cm intervals		
60										
70										
80										
90								→ gradational		
100	mud	CB	N4			absent				
110										
120	IBSM	CB	N4			absent		silts: same as above		
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 C 15H 3A 99.30m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Inter-Bedded silt & mud Minor Lithology: MUD

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0	mud	CB	N4	B	none ↓	absent		0-100: faint green/gray color bands		
10				O						
20				W						
30				E						
40	INTER-BEDDED SILT & MUD	COLOR BANDS (CB)	N4	D (slight) ↓				silt: thinly laminated to laminated @ 1-10 cm intervals, some N5, largest normally graded		
50						>2mm ↓ BZ				
60										
70										
80										
90	mud	CB	N4					94: thin lam. silt		
100	END					99				
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: V141B C 15H 4A 100.30m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology: INTER-BEDDED SILT & MUD

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0	MUD		N4		none	absent				
10	INTER-BEDDED SILT & MUD		N4	B O W E D (slight)	↓	absent		silts: thinly laminated, @ 2 cm intervals		
12						>2mm				
19						↓				
20										
31										
40	mud		N4							
52										
57										
60	END									
61										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1410 C 15H CC-A 100.91m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTER-BEDDED SILTS & MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other		Logged by:	Date:
										Childress	JUNE 27 2013
0					none	>2mm					
10	INTER-BEDDED SILTS & MUD		N4	B O W E D (slight)	↓				silts: laminated, @ 3-10cm intervals		
20				G E X P. S P.							
24											
30	PAL						PAL				
40											
50											
60											
70											
80											
90											
100											
110											
120											
130											
140											
150											

Expedition 341 S. Alaska Margin:

Site: 1114/18 Hole: C Core: 16H Section: 1A Top Depth: 0-150

Major Lithology: Mud with silt Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud					Clast present		laminated mud, faintly	HB, 6-27-13
10	Mud with silt		Gray			3		30 mm 12 silt laminae	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U48 Hole: C Core: 16H Section: 2A Top Depth: 0-150

Major Lithology: mud with silt Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	mud with silt		M4			clast present in granules		faintly laminated mud in granules subangular sub rounded	AB, 6-27-13
10									
20									
30								10 silt laminae	
40									
50									
55							SS54	mud, no bio	
60									
70									
75							SS73	mud, no bio	
80									
90									
100									
110									
120									
130									
140									
150									

fibrous, slight to wood



Expedition 341 S. Alaska Margin: U1418 C 14H 3A 0-115  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud with silt Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>mud with silt</u>					<u>clasts present</u>		<u>grainle</u> <u>3 silt laminae</u>	<u>AB, 6-27-13</u>
10									
20			<u>grey</u>						
30									
40									
50									
60									
70									
80									
90									
100									
110									
120							<u>5567</u>	<u>mud with silt</u>	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 14A Section: 4A Top Depth: 0-51

Major Lithology: ..... Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>mud</u>		<u>N4</u>			<u>clasts present</u>			<u>UB, 6-27-13</u>
10								<u>silt 20% sand</u>	
20	<u>o</u>	<u>Δ</u>	<u>N4</u>			<u>clasts present</u>	<u>3377</u>	<u>sand N4</u>	
25	<u>o</u>								
30								<u>small pebbles, siltstone, siltstone</u>	
40	<u>mud</u>		<u>N4</u>			<u>o</u>	<u>2</u>	<u>dec</u>	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11618 Hole: C Core: 16H Section: CC Top Depth: 0-25

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	lithol mud							6. silt laminae	
10	silt		Ab.					mud < 5cm	
20	PAL								
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418 Site: C Hole: 17H Section: 1A Top Depth: 105.70 m CSF-A

Major Lithology: MUD w/ SILT

Minor Lithology: INTERBEDDED SILT & MUD

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	June 27 2013
0					none ↓	>2mm ↓		- faint green/gray color bands		
10										
20										
30	mud w/silt	COLOR BANDING (CB)	N4	BOWED (slight) ↓		33	SS30	mud w/ silt laminated silt @ 13, 30cm, normally graded		
40						36 39				
50						44				
52										
60										
70	INTER-BEDDED SILT & MUD	CB	N4					- silts: thinly laminated @ 1-10cm intervals		
80										
90							87			
100										
103										
110	mud w/silt	CB	N4			absent				
118										
120										
130	IBSM	CB	N4			126		- silts: thinly lam. to laminated @ 3-6cm intervals, largest normally graded		
140	mud w/silt	CB	N4			absent				
150										

Expedition 341 S. Alaska Margin: U1418 C 17H 2A 107.20m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTERBEDDED SILT & MUD Minor Lithology: MUD

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 27 2013
0						> 2mm				
10	mud w/silt		N4	BOWED	none			-faint green/gray color bands		
16			↓		↓					
20	BSM					absent		-silt: thin lam. @ 1-2cm intervals		
24										
30										
40	mud w/silt					present				
43										
50	INTER-BEDDED SILT & MUD									
60										
70										
80										
90										
100										
110										
120	mud w/silt									
130						125				
140										
150										

Expedition 341 S. Alaska Margin: U1418 C 17H 3A 108.70 m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 27 2013
0										
10						9 13(2x)		- faint green/gray color bands		
20										
30		COLOR BANDS (CB)		BOWED (slight)	none			- thinly lam. to laminated silt @ 37, 85, 97cm		
40	mud									
50										
60										
70										
77							SS73	- mud, no bio (SS90 silt)		
80										
84										
88.5	sand		N3							
93.5										
93										
93							SS92	- sand (lots of heavy minerals) - gradational - irregular		
100	mud				slight					
110										
120	END									
130										
140										
150										

Expedition 341 S. Alaska Margin: W41B C 17H 4A 109.85m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:							
									Childress	JUNE 27 2013							
0						>2mm ↓		- faint green/gray color bands									
10	mud	COLOR BANDS	N4	BOWED (slight)	none				Childress	JUNE 27 2013							
13	IBSM																
17																	
20																	
30	mud																
35																	
40	INTER-BEDED SILT+MUD (IBSM)																
41																	
49																	
50																	
51																	
52																	
60																	
70																	
80																	
90																	
100																	
110																	
120																	
130																	
140																	
150																	

Expedition 341 S. Alaska Margin: U1418 C 17H CC-A 110.37m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud (w/silt) Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, fossils, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
									Childress JUNE 27 2013
0								0-18: bowed (slight to mod.), gas expansion (slight to mod.)	
10	mud w/silt	ROLOG COZAP	N4	DIRECT MAG	none	absent			
18									
20	PAL						PAL		
23									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U1118 Hole: C Core: 18H Section: 1A Top Depth: 0-150

Major Lithology: mud

Minor Lithology: interb. silt + mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0						clasts present		fairly laminated N4 > N2.5	HB, 6-27-13
10	mud with silt		N4						
20									
29									
30	interb. silt + mud					clasts present		fairly laminated N4 > N2.5 30 silt laminae, mud < 10 cm	
40									
50			N4		bioturb. silt				
60									
70									
80									
87									
90	mud		N4			clasts present		fairly laminated N4 > N2.5 granules	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1148 Hole: C Core: 18H Section: 2A Top Depth: 0-150

Major Lithology: interbedded silt + mud Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									AB, 6-27-13
10	mud w/ silt		lt					faintly laminated 14-125	
20							S.P.	mud, no bio	
30									
40									
50									
60									
70									
80	interbedded silt + mud		lt	fine, redist		clasts present		?? laminae, mud ≤ 18 cm grain, subrounded	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 12H Section: 3A Top Depth: 0-116

Major Lithology: interbedded silt + mud Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	interbedded silt + mud					clast present			AB, 6-27-13
10								mud with silt	
20							SS17	24 silt laminae, mud ≤ 18 cm	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 18H Section: 4A Top Depth: 0-59

Major Lithology: interbedded silt + mud Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>interb. silt + mud</u>								<u>AB, 6-27-13</u>
10								<u>19 silt laminae mud ≤ 6 cm</u>	
20			<u>N4</u>	<u>fractures, silt</u>					
30									
40									
48	<u>□</u>								
50							<u>□</u>	<u>small pebble, 0.8 cm, subrounded siltstone</u>	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 18H Section: CC Top Depth: 0-23

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Weds silt + mud			Weds silt + mud				10 silt laminae, mud & clay	HB, 6-27-13
10									
18									
20	PAL								
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 4148 Site: C Hole: 19H Core: 1A Section: 115.10m CSF-A Top Depth:

Major Lithology: Mud (w/ silt) Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0										
10				Mud (mod)				faint green/gray color bands		
30	mud w/ silt	COLOR BANDS	N4		none			- silt patches + a few laminae		
40										
50										
60										
70										
80										
90										
100										
110										
120						> 2mm ↓ 122				
130							SS125	mud, no bio		
140						134				
150										

Expedition 341 S. Alaska Margin: U141B C 19H 2A 116.60m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud (w/silt) Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2003
0										
10						2mm ↓		- faint green/gray color bands - sparse black mottling		
40										
50	mud w/silt	COLOR BANDS	N4	BOWED (slight + mud)	none			- silt patches throughout		
60								56cm; sand patch		
80						of				
100							SS115	mud; no bio		
120						124				
142	END									
150										

Expedition 341 S. Alaska Margin: U1418 C 19H CC-A 118.02 m CF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb	Bioturb.	Accessories: (i.e. - shells, worm-tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0										
10	mud		N4	G G A X S P. (slight to mod)	none	1 (>2mm)				
20	PAL						PAL			
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										



Expedition 341 S. Alaska Margin: U1418 C 20H 1A 118.20 m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud (w/silt) Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0					none ↓	absent ↓				
10										
20										
30										
40										
45	Mud w/ silt		N4					- silt patches + thin laminae		
50										
60										
70										
80										
90										
95								- gradational		
100	diatom Rich Mud		5G 4/1					- black mottling		
110										
120										
125							SS125	gray color bands (0.5-1cm) thick mud, no bio		
130	mud	COLLOR BANDS	5G 4/1							
135										
140	INTER-BEDDED SILT + MUD							- silt: thinly laminated, @ 0.5-3cm intervals		
145										
150										

Expedition 341 S. Alaska Margin: U1418 C 20H 2A 119.70m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD (w/SILT) Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0										
10	INTER-BEDDED SILT: MUD	CLOR BANDS	N4		none	absent		-green color bands		
20			↓					Silts: thin laminated @ 1-15cm intervals		
30										
32										
40						tl (>2mm)				
50	mud w/silt				slight			-silt patches/layers @ 52, 63, 78cm		
60										
70										
80										
87										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U141B c 20H 3A 120.57m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTERBEDDED SILT & MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 27 2013
0	mud		N4		none	2mm 1.5cm clast				
5.5	sand	NG	N3		none	absent	SSB → sand, med. → sharp			
10										
20	mud									green/gray color bands
30		COLOR BANDS	N4 ↓	BOWED (slight) ↓	none					
40										
50										
60										
70										Silts: thinly laminated to laminated @ 1-10cm intervals, many have sharp lower contacts, gradational upper, normal bedding in thicker beds.
80	INTER-BEDDED SILT & MUD									
90										
100										
110										
120										
130										
140										
147	END									
150										

Expedition 341 S. Alaska Margin: U1418 C 20H 4A 122,04m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTER-BEDDED SILT & MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0										
10										
20	MUD	COLOR BANDS				absent				
28						none				
30			N4		slight to mid.)					
40	INTER-BEDDED SILT & MUD									
50								Silts: thinly laminated to lam., @ 1-10cm intervals		
60										
70										
80						↓ 20-1.5cm clast				
90										
100										
110										
120										
130										
138	END									
140										
150										

Expedition 341 S. Alaska Margin: U1410 C 20H 5A 123.42m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0						absent				
10	mud w/ silt									
20			N4							
22			↓							
30	INTER-BEDDED SILT: MUD (IBSM)			B O W E D (light) ↓	none			-silt; thinly laminated, @ 1-5cm intervals		
40										
50	mud									
60										
70										
71										
80	IBSM							-silt; thinly laminated to laminated, @ 2-10cm intervals		
90										
100										
104										
110	mud w/ silt									
120							SS120	-mud, no bio		
130								-silt @ 145, 147cm		
140										
150										

Expedition 341 S. Alaska Margin: U1418 C 20H CoA 124.92m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTERBEDDED SILT & MUD Minor Lithology: DIATOM RICH MUD

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 27 2013
0	mud		N4							
10										
20				BOWED						
30				(slight to med.)				- silts: 8-40cm: laminated, 1-10cm intervals NS, 40-110cm: thinly laminated to laminated @ 1-15cm intervals		
50	INTERBEDDED SILT & MUD									
60										
70										
80										
90										
100										
110										
120	diatom rich mud		5G 4/1					- black mottling		
130						124 (>2mm)	SS130	- diatom rich mud		
140										
150										

Expedition 341 S. Alaska Margin: U1418 C 20H 7A 126.42 cm CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTERBEDDED SILT & MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: June 27 2013
0						>2mm ↓				
10						"				
20	mud		N4 ↓	B O W E D (slight)	none	26				
30										
40						absent				
50	INTER-BEDDED SILT & MUD							silts: laminated @ 1-12cm intervals		
60										
70										
80										
90										
100										
110										
113	END									
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: V1418 C 20H CC-A 127.55 m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									Childress JUNE 27 2013
0-10	mud		N4	VOIDING		absent		0-10: bowed (reverse) moderate	
10-14.5	gradational silt		N5	CRACK	none				
14.5-17.5									
17.5-20	mud		N4	(mod.)	slight				
20-39									
39-44	PAL						PAL		
44-50									
50-60									
60-70									
70-80									
80-90									
90-100									
100-110									
110-120									
120-130									
130-140									
140-150									



Expedition 341 S. Alaska Margin: U1418 C 21H 2A 129.20m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud (w/ silt) Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0						>2mm				
10										
20						17		-faint green color bands		
30						26		silt laminae @ 41.88 cm + silt patches		
40		COLOR BANDS	N4		none					
50	Mud (w/silt)									
60										
70										
80										
90										
100						103				
110										
120						120				
130										
140										
150										

Expedition 341 S. Alaska Margin:

U410  
Site:

C  
Hole:

21H  
Core:

1A  
Section:

127.70m CSF-A  
Top Depth:

Major Lithology: MUD (w/ silt)

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0						> 2mm				
10						S		- sparse black mottling - faint green color bands		
20						S				
30										
40										
50										
60	MUD w/ silt	COOL ROOL	N4			SB		- silt patches/laminae		
70		SOZAB								
80										
90						SB				
100						100				
110										
120										
130										
136.5										
137.5	SILT	NG								
140										
150										

Expedition 341 S. Alaska Margin: U1418 C 21H 3A 130.70m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTER BEDDED SILT & MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 27 2013
0						72mm ↓				
10										
20								-green color bands		
30	INTER BEDDED SILT & MUD	COLOR BANDS	N4	B O W E D (slight)	none			-silt: thinly laminated to laminated, @ <1 to 10cm intervals		
40							SS40	silt (little bit of m. r. a.)		
50							SS51	mud, w/ silt, no bio		
60										
70										
80						74				
90						85	SS85	mud, no bio		
100										
110						104				
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: 41418

Hole: C

Core: 21H

Section: 4A

Top Depth: 0-151

Major Lithology: interbedded silt + mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	loose silt + mud					pebbles		faintly laminated N4 with N25 at 47 cm black patches (FeO)	HB, 6-27-13
10									
20								20 silt laminae	
30			N4					mud < 20 cm	
40								and, bases	
50								* lowstones in WH!	
60	sand							2 pebbles (small), 2 granules, argillite	
65								sand N4, low	
70									
80								3 silt laminae	
90									
100									
110	mud with silt		N4					faintly laminated N4 with N25	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 12418 Hole: C Core: 21A Section: 5A Top Depth: 0-151

Major Lithology: interbedded silt + mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	int. bed. silt + mud								HB, 6-27-13
10								fairly laminated N4 with N25	
20								34 silt laminac mud < 15cm	
30			N4						
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 21H Section: 6A Top Depth: 0-121

Major Lithology: mud Minor Lithology: interbedded silt + mud

Offset (cm) Lithology Sed. Structures Color Drilling disturb. Bioturb. Accessories: (i.e. - shells, worm tubes, clasts, etc.) Samples Core Description: comments, contacts, recommended photos, other Logged by: AB Date: 6-27-13

0									
10	<u>mud with silt</u>		<u>N4</u>						<u>1 silt <i>Caecilia</i> at 27cm</u>
20									
30									
40									
43									
50	<u>int. b. silt + mud</u>		<u>N4</u>	<u>sd. silt</u>					<u>10 silt <i>Caecilia</i> mud <math>\leq</math> 7cm</u>
60									
70									
80									
82									
90	<u>mud</u>								
100	<u>○</u>								<u>1 dash, aggr. lite, 1.5 cm, sub rounded in lth!</u>
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: C Core: 21H Section: 7A Top Depth: 0-(55)

Major Lithology: interbedded silt + mud Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									AS, 6-27-13
10	mud		Nh						
20				silt			2520	mud, bascon	
30	int. bed. silt + mud			frozen				9 laminae mud ≤ 6 cm	
40									
50									
60									
70	PAL								
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U141B C 224 1A 137.20m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Inter-Bedded Silt & Mud Minor Lithology: Mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								0-7: black mottles	Childress JUNE 27 2013
10									
20	Inter-Bedded Silt & Mud		N4 ↓	Drilling Disturb. (5-10-15-20-25-30-35-40-45-50-55-60-65-70-75-80-85-90-95-100-105-110-115-120-125-130-135-140-145-150)	none				
30						2B		- silts: thinly laminated to laminated, @ 2mm to 5cm intervals, some normally graded	
40									
50									
60									
70									
80									
90	mud								
100									
110	silt					105 106		110-112: normally graded silt	
120	mud								
130									
140									
150									



Expedition 341 S. Alaska Margin: U1418 C 22H 2A 138.70m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTER-BEDDED SILT & MUD Minor Lithology: Mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0								0-150; bowed (slight to mod)		
10								- green color bands		
20										
30		COLORED								
40	INTER-BEDDED SILT & MUD	BANDS	N4	SEXTANTION (slight to mod) ↓	none			- silts: thinly laminated to laminated @ <1 to 10 cm intervals, some NS <sub>2</sub>		
50										
60										
70						absent				
80										
90										
100										
101										
110	mud									
120	SAND		5Y 4/1							
124										
130	mud		N4							
140										
150										

Expedition 341 S. Alaska Margin: U1418 Site: C Hole: 22H Core: 3A Section: 140.20m CSF-A Top Depth:

Major Lithology: MUD (w/ silt) Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 27 2013
0						> 2mm ↓				
10				GEAS (slight)				- faint green color bands		
20										
30										
40	mud w/ silt	COLOR BANDS	N4	BOWED (slight)	none			- silt laminae @ 17, 112, 145 cm		
50										
60										
70										
80										
90										
100						104: 1cm clast (2)		→ quartzite		
110										
120								SS123 - mud, no bio		
130										
140										
150										

Expedition 341 S. Alaska Margin: U141B Site: C Hole: 22H Core: 4A Section: 141.70 m CSF-A Top Depth:

Major Lithology: MUD (w/silt) Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0						72mm				
10						11.5				
20			N4		none					
30	mud w/silt			B O W E D (slight)						
40								silt laminae @ 61, 109, 118 cm		
50										
60						57				
70										
80										
90							SS90	mud, no. bio.		
100										
110										
120										
130						125				
140										
150										

Expedition 341 S. Alaska Margin:

11418 C 22H SA 0-153  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0						clasts present		massive mud	HB, 6-27-13
10	mud		N5					fairly laminated N4-N5	
20	with silt							3 silt layers at 37, 119, 124	
30									
40									
50									
60									
70									
80									
90									
100								pebbles, small, 0.8 + 1.5 cm dia, argillite	
110									
120									
130									
140								concretion in WH	
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 22A Section: 6A Top Depth: 0-143

Major Lithology: mud Minor Lithology: sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>mud</u>		<u>N4</u>						<u>HB, 6-27-13</u>
9									
10	<u>sand</u>		<u>N4</u>				<u>SS7</u>	<u>sand</u>	
12.5									
20	<u>mud</u>								
30	<u>with silt</u>							<u>7 silt laminae irregularly disposed</u>	
40			<u>N4</u>					<u>fairly laminated N4 with N2S</u>	
50									
60				<u>fairly slight</u>					
70							<u>SS7c</u>	<u>mud</u>	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U418 Hole: C Core: 22A Section: 7A Top Depth: 0-63

Major Lithology: and Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>and</u>							<u>massive and</u>	<u>HB, 6-27-13</u>
10									
20	<u>□</u>		<u>N4</u>			<u>□</u>		<u>faintly laminated N4 with N2.5</u> <u>clast, granule, at 16cm in UH1</u>	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 274 Section: CC Top Depth: 0-33

Major Lithology: mud Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>mud</u>			<u>shells, etc.</u>		<u>clasts present</u>		<u>core</u>	<u>AB, 6-27-13</u>
10									
20								<u>core</u>	
25								<u>1 granite, angular, in situ</u>	
27.5	<u>PAZ</u>								
30									
33									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U141B C 23H 1A 146.70m CSF-A  
 Site: Hole: Core: Section: Top Depth:

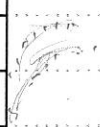
Major Lithology: Mud (w/ silt) Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts) etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0						5 (> 2mm)				
10										
20										
30										
35	mud w/ silt	PASTICHES	NH	BOWE D (mod.)	none			- a few silt laminae, but very P.D.		
40										
50										
60										
70										
80										
85							SS85	mud, no bio		
90										
100										
110										
120										
130										
140										
150										



Expedition 341 S. Alaska Margin: U1418 C 23H 2A 14B.20m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud w/ silt Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0						> 2mm ↓				
10								10-19: black mottling 24-64: " " 83-88: " "		
20						22				
30										
40	mud w/ silt	PATCHES (SILT)	N4		None					
50										
60										
70						69				
80										
90					BOWED (h, g, h)	92		85-89: former silt beds (D.D.)		
100										
110										
120										
130										
140	(S)							142-144: sand patch		
150						150		147-150: crack, slight toward		

Expedition 341 S. Alaska Margin: U741B C 23H 2A 149.70m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud w/silt Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, glasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: June 27 2013
0						22m ↓				
10	mud w/sand	PATCHES SAND	2.5Y 4/1							
24										
30					none					
40				GASS (Silt)						
50				EXPAN		50				
60	Mud w/silt	PATCHES	N4	SION						
70						69				
80						81				
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 23H Section: 4A Top Depth: 0-152

Major Lithology: wood Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>wood</u>								<u>HB, 6-27-13</u>
10	<u>wood silt</u>								
20			<u>N4</u>						
30				<u>along core disturbance, wood to show</u>				<u>5 silt laminae, irregularly spaced, distorted, patchy =&gt; along core disturbance</u>	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130	<u>SS</u>							<u>sand patches, core disturbance?</u>	
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 23H Section: 5A Top Depth: 0-152

Major Lithology: mud Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									Logged by: <u>AB</u> Date: <u>6-27-13</u>
10	<u>mud</u>					<u>pebbles</u>		<u>dispersed small black (FeO) particles</u>	
20			<u>greenish dark grey</u>					<u>massive mud</u>	
30									
40									
50									
60									
70									
80									
90									
100									
110	<u>0</u>					<u>0</u>		<u>Fine, rounded, siltstone</u>	
120							<u>5/20</u>	<u>mud, no bio</u>	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 23H Section: 6A Top Depth: 0-85

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0						frag		massive mud	B, 6-27-13
10								dark grayish gray with	
20			loggy				ss 25	black nodules (FeO)	
30			25%					mud, no bio	
40									
50								8cm, dark siltstone, low stone, subangular, cut, 1 half in OH.	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 23H Section: CC Top Depth: 0-34

Major Lithology: med Minor Lithology: med

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>med</u>							<u>massive med</u>	<u>AB, 6-27-13</u>
10			<u>gray</u>	<u>SP-ice core</u>					
20			<u>gray</u>						
30	<u>med</u>								
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 24H Section: 1A Top Depth: 0-150

Major Lithology: .....

Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Do		10Y4/1	minor / 25%				0-64:	MF 28/JUN/13
10							* Diatom ooze * black mottles		
20							* scattered granules * scattered mud patches		
30							* with diatom bearing intervals		
40									
50									
60							64-68:		
65							* sand w/ <sup>interbedded</sup> mud		
70	Do		5Y4/1				* three very fine sand strata (< 1 cm thick) ↳ broken lower boundary		
75			10Y4/1						
80							88-82		
85	Do		10Y4/1				* as 0-64		
90							82-83.5:		
95							* fining upward from medium to very fine / muddy sand		
100							* coarse lower; sharp & irregular upper boundary		
110									
120							83.5-150:		
125							* diatom ooze with diatom bearing <sup>intervals</sup> &		
130							* scattered laminae i.e.g. 149		
135							* some intervals more greyish		
140							↳ some colour variation		
145							* scattered mud patches		
150							* black mottles		

Expedition 341 S. Alaska Margin:

U1418 C 24H 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	DO		10y 4/1					0-150	IF 28/JUN/13
10								* Diatom ooze	
20								* scattered laminae to very thin beds	
30								↳ ~2mm - ~1.5cm	
40								↳ sharp (erosive) lower boundaries	
50								↳ sharp & irregular upper boundaries	
60								↳ continuous & discontinuous	
70								* slight color variations to more greenish & greyish	
80								* scattered mud patches	
90								* bland mottles	
100								* diatom-bearing intervals possible	
110									
120									
130									
140									
150									

moderate to high



Expedition 341 S. Alaska Margin:

U1418  
Site:

C  
Hole:

24H  
Core:

3A  
Section:

0-150  
Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Do		10Y 4/1					0-74.5	PF 28/JUN/13
10								* Diatom ooze	
20								* black mottles	
30								* red/and patches	
40								* none	
50					high				
60									
70	Do		5Y 4/1 10Y 4/1		None			74.5-77.5	
80								* graded medium to muddy very fine sand	
90					high			* some lower, sharp upper boundary	
100	Do		5Y 4/1 10Y 4/1		None			77.5-99.0	
110								* as 0-74.5	
120								99.0-100.5	
130					high			* graded fine to very fine sand	
140								* some lower, irregular upper boundary	
150								100.5-150	
								* as 0-74.5	

Expedition 341 S. Alaska Margin:

Site: 41418

Hole: C

Core: 24H

Section: 4

Top Depth: 0-150 cm

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud

Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 28.6.13
10	diatom ooze		10Y 4/1	0	high - 4/1			0-40cm: clayey mud, many fine scale nodules clast @ 8cm, $\phi$ 0.8cm (i-4H)	
20								clast @ 23cm, $\phi$ 0.6cm	
40								40-150cm: clayey interspersed mud & thin silt laminae (~20) with sharp (to 0.5cm) boundaries (though often discontinuous)	
60								clast @ 64cm, $\phi$ 0.7cm (i-4H)	
80	interbedded mud & silt	erosion marks	NH		4/1				
100									
120							SS (120)	mud	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 414 18 C Hole: 24H Core: 5 Section: 0-150cm  
 Top Depth:

Major Lithology:  Mud

Minor Lithology:  silt

Logged by: JM Date: 28.6.13

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0								interbedded <sup>clayey</sup> mud & silt
10								~ 24 silt laminae (thk ~ 0.5cm)
20								25-115cm: slightly lighter M4
30								
40								
50	clayey mud		M4					
60					slight			
70								
80					more to			
90					here			
100								
110								few tiny light grey spots @ 110cm, <del>at</del> <u>no ash!</u>
120								
130								last @ 134cm. $\phi$ 0.8cm
140								
150								

Expedition 341 S. Alaska Margin:

Site: U1418 ◀ Hole: 24A Core: 6 Section: 0-150cm  
 Top Depth:

Major Lithology: *sd*

Minor Lithology: *silt*

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
									<i>JM 28.6.13</i>

0								- interbedded <sup>clayey</sup> sand & silt (dissected)	
10								- ~25 silt lenses (frequency of occurrence increases with depth)	
20								- silt lenses ~ 0.5cm thick → sharp, irregular boundaries	
30			<i>N4</i>		<i>0</i>			- color of silt lenses varies from dark gray (N4) to dark gray (SY 4/1)	
40									
50									
60									
70									
80									
90									
100			<i>N4</i>						
110									
120									
130									
140									
140-143cm			<i>SY 4/1</i>					140-143cm: sand, poorly sorted, erosive (over sand), fine upward	
150								aphisoles	

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: 24H Core: 7 Section: 0-56  
 Top Depth:

Major Lithology: Mud

Minor Lithology: Silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								- interbedded clayey mud with silt	JM 28.6.13
10								- clast @ 6 cm, $\phi$ 0.6 cm (i.e. UH)	
20			N4		0			21-51 cm: core not completely bedded (moderate drill. dist.)	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 C Hole: 24H CC Section: 0-19  
 Core: Top Depth:

Major Lithology: M-d

Minor Lithology: S:4

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JH 28.6.13
10		slight cross-bed	N4	0	0			interbedded mud & silt w/ thin (25cm) silt laminae (N4)	
20	PAC							19-24 cm: sample	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 11418 C 25H 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		NY					0-150	PF 28/JUN/13
10								* Mud	
20								* scattered laminae (silt) L <sub>0</sub> < 1 cm, mostly ~ 2mm L <sub>0</sub> continuous / discontinuous L <sub>0</sub> spacing: ~ 2 - ~ 50 cm L <sub>0</sub> ~ 7 per	
30								* subtle colour variations to more greenish & greyish	
40								* scattered black mottles	
50								* scattered silt patches	
60								* 1 gravel	
70								* diatom-bearing intervals possible * (somewhat more greenish)	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 2FH Section: 2A Top Depth: 0-150

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-150	PF 28/JUN/13
10								* as section 1	
20								* laminae: 2 pcs. / < 5mm; Spacing ~ 2cm ↳ discontinuous	
30									
40								* scattered granule & small pebble limestone	
50									
60								* some diatoms in slightly more greenish interval ~ 2cm	
70				none(?)	slightly				
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin: U1418 C 25H 3A 0-100  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: \_\_\_\_\_ Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-107 * as section 1 * silt laminae to > 10 pcs; < 5 mm spacing: ~ 3 mm - ~ 35 cm	TF 28/JAN/13
10									
20									
30								* scattered ash (?) particles (< 5 mm)	
40									
50									
60									
70									
80									
90									
100								107-108: ash (clean volcanic glass) 107R 6/1	
110	ASH Mud		N4					108-117.5: as 0-107; one, ~ 2 mm thick <sup>silt</sup> laminae	
120	ASH Mud		N4					117.5-119: ash (clean volcanic glass)	
130								119-150: as 0-107; silt laminae: 8 pcs; < 3 mm; Spacing: 7 mm - 12 cm	
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 25H Section: 4A Top Depth: 0-150

Major Lithology: .....

Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-52	MF 28/JUN/13
10								* as section 1	
20								* silt/very fine sand laminae to very thin beds	
30								↳ ~2mm - ~2cm	
40								↳ spacing: <5mm - >11cm	
50								↳ slightly more greyish (darker) and lighter	
55								↳ ~20 pcs	
58								↳ silt patch between 8-9cm	
60	DO		log 411					↳ gradational lower boundary	
70								52-150	
80								* diatom ooze	
90								* lighter variations to more greenish & greyish	
100								* larger amounts of black matter than above	
110								* scattered patches of o/s (<5mm)	
120								↳ bioturbated?	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 C Hole: 25H Core: 5 Section: 0-150cm  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: M-d

Minor Lithology: sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									DM 28.6.13
0-75	<u>ooze</u>		<u>10Y 4/1</u>		<u>slight</u>			<u>mud with dispersed black watters, few gray (5x6/1) lenses</u>	<u>poorly sorted silt</u>
40-50			<u>5Y 3/1</u> <u>5Y 3/1</u>		<u>slight</u>		<u>SS (43)</u>	<u>dark gray muddy sand (poorly sorted) amph:boles &amp; opaque minerals with biosiliceous (= bioturbated)</u>	
42-46								<u>internal</u>	
75-84			<u>5Y 4/1</u>					<u>poorly sorted sand high upland, sharp erosive base sandy, fine to medium, ill. with larger grains at base</u>	<u>poorly sorted</u>
84-150		<u>bedding none</u>	<u>2Y</u>		<u>slight</u>			<u>mud with silt (= discontinuous patches &amp; laminae) of 5Y 5/1 silt</u>	
150					<u>very slight</u>				

Expedition 341 S. Alaska Margin:

U1418 2 25H 6 0-120cm  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								massive mud with dispersed	JM 28.6.13
10								layers of gray (5) 6(?) silt &	
20								few silt laminae (6 laminae)	
30			N4		silt				
40									
50									
60									
70								70.5-71.5 cm = fine to med sand,	
80			5Y4/1					sharp waste lower boundary	
90									
100			N4						
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U14 18 Hole: 25H Core: 7 Section: 0-52  
 Top Depth:

Major Lithology: med

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
									<u>JM 28.6.13</u>
0									
10			<u>N4</u>					<u>med w/lt silt (very discontinuous)</u> <u>clayey</u>	
20		<u>color banding</u>							
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 C 26H 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: \_\_\_\_\_ Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		10Y4M	massive 4-40 50-60				0-150	PF 28/Jul/13
10								* Mud with mild laminae	
20								* very slight colour banding to darker & lighter	
30								* mild laminae: (continuous & discontinuous)	
40								↳ < 5 mm. thick	
50								↳ ~ 20 pcs	
60								↳ spacing: < 1 - ~ 20 cm.	
70								* scattered mild patches	
80								* scattered black mottles	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 C Hole: 264 Core: 2A Section: 0-150 Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			dy 4/1					0-150	TF 28/JUN/13
10								* Mud with milt/sand laminae/beds	
20								* very slight color banding to darker & lighter	
30								* milt/sand laminae/beds	
40								↳ continuous & discontinuous	
50					slight			↳ ~2mm - ~2cm	
60								↳ >25 p.c.s.	
70								↳ spacing 5mm - >80cm	
80								* scattered milt patches	↳ disregarding sand layers
90								* scattered black mottles	
100								* scattered milt patches	
110								* sand layers: 74.5-76.5;	
120								134.5-136.5	
130								↳ discontinuous	
140								↳ erode lower & irregular upper boundary	
150			N4		slight/moderate			enhanced amount of biogenic carbonate (maniforals)	

Expedition 341 S. Alaska Margin: U1418 C 26H 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-150	RF 28/JUN/13
10								# as section 2	
20								rel. very fine sand laminae	
30								↳ occasionally graded	
40								↳ 3-8 mm thick	
50								↳ ~35 pcs	
60								↳ spacing: 5 mm - ~25 cm	
70								↳ rel. many laminae affected	
80								by bioturbation	
90								↳ rel. many light laminae	
100								# granule & pebble limestone	
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin: U1418 C 264 4A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: \_\_\_\_\_ Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-150	TF 28/JUN/13
10								as section 2	
20								* silty/very fine sand laminae	
30								↳ rel. many discontinuous	
40								due to bioturbation	
50								↳ < 5mm thick	
60								↳ occasionally graded	
70								↳ ~ 30 pcs	
80								↳ spacing ~ 3mm - ~ 20cm	
90								↳ almost all laminae	
100								rel. light	
110								* scattered granules	
120									
130									
140									
150									

slight laminar  
 moderate

Expedition 341 S. Alaska Margin:

Site: 41418 ← Hole: 26H Core: 5 Section: 0-150cm

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								mud with silt	JM 28.6.13
10									
20									
30									
40								clast @ 36 cm, $\phi$ 0.5 cm --- 39 cm, $\phi$ 0.5 cm	
50								48-105 cm: mud with biogenic silica, carbonate	(Lorain)
60								clast @ 57 cm, $\phi$ 0.5 cm clast @ 63.5 cm, $\phi$ 0.5 cm	
70								clast @ 69 cm, $\phi$ 0.8 cm	
80								clast @ 76 cm, $\phi$ 0.5 cm (x4H)	
90									
100								96-98 cm: fine sand, sharp blue-green boundary, poorly sorted	
110								105-150 cm: mud with silt (few lenses & patches)	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: L1417 Hole: C Core: 26H Section: 6 Top Depth: 0-131cm

Major Lithology: sh


Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								massive clayey mud with few silt lenses on top of the section	JM 28.6.13
10								clast @ 9cm, $\phi$ 0.4cm	
20								-- 13cm, $\phi$ 0.3cm	
30			N4					-- 12.5cm, $\phi$ 0.6cm (i-4H)	
40									
50									
60		slight color banding							
70								clast @ 68cm, $\phi$ 0.3cm	
80								clast @ 74cm, $\phi$ 0.7cm	
90								clast @ 75cm, $\phi$ 1.5cm, sub-spherical	
100			N4					clast @ 82.5cm, $\phi$ 0.3cm	
110								-- 83cm, $\phi$ 0.8cm	
120								clast @ 113cm, $\phi$ 0.4cm	
130			N4 to N5					clast @ 115cm, $\phi$ 1.5cm, sub-spherical calcareous	
140								122-124cm: very fine sand (highly porous)	
150								2 clasts @ 127 & 129cm, $\phi$ 0.5cm	
								123-130cm: slightly green/lighter with calcareous	

Expedition 341 S. Alaska Margin:

Site: 41418 ← Hole: 26H Section: 7 Top Depth: 0-55cm

Major Lithology: med Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								clayey med	JM 28.6.13
10									
20									
25	<u>med</u>	<u>0</u>	<u>NK</u> <u>NS</u>		<u>0</u>			<u>20-55cm = liner not completely</u> <u>lined (moderate to high)</u>	
30									
40									
50									
55									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: 26H Core: CC Top Depth: 0-17cm

Major Lithology: sd Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 28.6.13
10	sd	o	M4 25		o			5-17 clayey mud	
20	X						PAL	17-22cm sample	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418

C

27H

1A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4	mouse core clasts				0-150	RF 28/JUN/13
10								* Mud with silt laminae	
20								* scattered black mottles	
30								* slight colour banding to lighter & darker grey	
40								* limestones (pebbles & granules)	
50								* silt laminae	
60								↳ up to 5mm	
70								↳ ~20 pcs	
80								↳ spacing: 1-173 cm	
90								* scattered silt patches	
100									
110									
120									
130									
140									
150									

slight laminae  
 slight

81.5-83: sub-rounded pebble of gulf-  
sediment (dark siltstone?)

Expedition 341 S. Alaska Margin: U1418 C 24H 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			<u>M4</u>					<u>0-150</u> # see Section 1 # silt laminae L <sub>0</sub> < 2mm L <sub>0</sub> < 10 pcs L <sub>0</sub> spacing: ~7mm - >30cm	<u>DF</u> 28/JUN/13
10									
20									
30									
40									
50								# very thin sand bed with erasive lower boundary from 71-72; graded	
60									
70								* 0.70, mica-rich pebble	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418 C 27H 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: .....

Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-150	PF 28/JUN/13
10								* see section 1	
20								* mid laminae L <sub>0</sub> < 5 mm L <sub>0</sub> < 10 pcs L <sub>0</sub> spacing > 4 cm	
30								* limestone clasts	
40								* 33-83: somewhat greener; more disturbance & black mottle & light patches of ill or ash (?)	
50									
60									
70									
80								83-84.5: fine sand with coarse lower boundary; graded	
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U1418 α 27H Hole: 4 Core: 0-150c Section: 4 Top Depth: 0-150c

Major Lithology: sd

Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 28.6.17
10								~ no bedded mud & silt clayey mud, discontinuous laminae & patches (0.8m thick); ~ 8 laminae	
20								- dark @ 19m, 1cm CaCO <sub>3</sub> bearing bone stone	
40									
50	clayey mud								
60									
70									
80	clayey mud	Very subtle color banding							
90									
100									
110									
120									
130	clayey mud								
140									
150									

ss (136) 136 silt

Expedition 341 S. Alaska Margin:

Site: L1418 Hole: C Core: 27H Section: 5 Top Depth: 0-150

Major Lithology: med Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								interbedded med & silt → silt laminae are discontinuous and very thin (~0.4 cm); ~12 laminae - clayey med	JM 28.6.83
10									
20									
30									
40	clayey med								
50									
60									
70								clast @ 69 cm, φ 2 cm, subrounded	
80									
90									
100								clast @ 98 cm, φ 3 cm, subrounded (i.e. 4H)	
110									
120									
130								clast @ 133 cm, φ 0.6 cm	
140	ash						SS (140)	136-141 cm: ash bed, sharp erosive/planar lower boundary, irregular (bioturbated?) upper boundary, silt to sand sized, all glass angular to sub-angular	
150									

Expedition 341 S. Alaska Margin:

Site: 4418 C Hole: 27H Core: 6 Section: 0.72c  
 Top Depth:

Major Lithology: md Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								- interbedded mud & silt - very discontinuous silt laminae & patches (< 0.5cm); ~5 laminae	JM 28.6.13
10									
20			N4						
30				0					
40					hole		SS (43)	silt, qz, feldspar	
50								clast @ 51cm, $\phi$ 1cm (in LH)	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 C Hole: 27H Core: CC Section: 0-16  
 Top Depth:

Major Lithology: Mud Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 28.6.13
10	clayey mud		N4	moderate				- mud with silt - cracked (moderately disturbed)	
20	X						PAL	16-21 cm sample	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418

C

28H

1A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4	mod. fine				0-150	MF 28/JUN/13
10								* interbedded mud & silt	
20								* color banding to slightly more greenish & darker grey	
30								* mild laminae: ↳ ~25 pcs ↳ ~5 mm thick ↳ spacing: ~5 mm - > 25 cm	
40									
50								* granule limestone	
60								* traces of ash possible	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418

C

28H

2A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-150	MF 28/JUN/13
10								* interbedded mud & silt	
20								* colour banding	
30								* silt laminae:	
40								↳ ~ 30 pcs	
50								↳ < 5 mm thick	
60								↳ Spacing: 0.5 - 28 cm	
70								* granules & pebbles	
80									
90								66-67 sub-angular clast of mica rich metamorphic rock with quartz	
100								102: volcanoclastic. blasing silt	
110								↳ traces of ash possible	
120									
130									
140									
150									

slight bowing

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 28H Section: 3A Top Depth: 0-150

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-150	MF 28/JUN/13
10								* interbedded mud & silt	
20								* color banding	
30								* silt laminae	
40								↳ ~45 pcs.	
50								↳ max 8mm; mostly < 5mm	
60								↳ ~5mm - ~10cm	
70	silt							* trace of ash possible	
80									
90									
100									
110									
120									
130									
140									
150									

slight bowing

Expedition 341 S. Alaska Margin:

Site: 41418    Hole: 28H    Core: 4    Section: 0-150cm  
 Site:                      Hole:                      Core:                      Section:                      Top Depth:

Major Lithology: Mud                      Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 28.6.13
10								interbedded mud & silt - clayey mud interbedded with thin (max 0.8cm) silt laminae (~2s)	
20			N4		0			→ truncations of col. at highest section	
50									
60		color banding		moderate bowing				clast @ 60cm, $\phi$ 1cm, subrounded	
100					0				
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U1418 C Hole: 28H Core: 5 Section: 0-150  
 Top Depth:

Major Lithology: Mud Minor Lithology: Silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								interbedded mud & silt	JM 28.6.13
10								- clayey mud with discontinuous thin (max 1cm) silt laminae	
20								→ trace amounts of ash throughout section	
30									
40									
43							SS (43)	- volcaniclastic sandy silt (>10% glass)	
50			N4						
60		Color banding		moderate bowing	0				
70									
80									
90									
100									
110			N4						
120									
124-127								silt bed, sharp boundaries	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 Hole: 28H Core: 6 Section: 0-130c  
 Top Depth:

Major Lithology: Mud Minor Lithology: Silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									
10	<u>Mud</u>	<u>0</u>	<u>NH</u>	<u>Slight bowing</u>	<u>0</u>			<u>clayey mud with silt</u>	<u>JM 28.6.13</u>
20									
30									
40									
50									
60									
70									
80									
90									
100				<u>54cm in</u>					
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41478 C Hole: 28H Core: 7 Section: 0-5K- Top Depth:

Major Lithology: *sd* Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								<p>completely sealed - → destroyed</p>	<p><i>JK</i> 28.6.13</p>
10									
20			<i>mf</i>	<i>sd</i>					
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 Hole: 28H Core: CC Top Depth: 0-180

Major Lithology: M-d

Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									
10			<u>M-d</u>						
20							<u>PAL</u>		
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 C 29H 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4	Minor disturbance				0-150	TF 28/JUN/13
10								* Interbedded mud & silt	
20								* slight colour banding	
30								o silt laminae:	
40								↳ 12 PCS	
50								↳ < 5 mm thick	
60								↳ spacing: ~ 8 mm - ~ 35 cm	
70								* scattered small black mottles	
80								* limestones	
90									
100									
110									
120								~ 118-120: silt clast	
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418 C 29H 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-150	MF 28/JUN/13
10								* interbedded mud & silt	
20								* slight colour banding	
30								* silt laminae => only in lower part	
40								↳ ~ 10 pcs of section	
50			N4					↳ < 5 mm	
60								↳ spec imp: ~ 1/4 mm - ~ 8 cm	
70								* long tubes	
80								* scattered black mottles	
90								~ 7-44 cm:	
100								↳ more greenish => higher organic content?	
110								↳ 1/5's <sup>few</sup> spongy spicules & <sup>disturb</sup>	
120								~ 44-45: graded medium to fine sand	
130								erosive lower boundary	
140								0-11: some sand lens along	
150								line wall & hole at section top => drilling disturbance?	

Expedition 341 S. Alaska Margin:

U1418 C 29H 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-150	HF 28/Jul/13
10								* interbedded mud & silt	
20								# slight color banding	
30								* silt laminae	
40								↳ > 20 pcs.	
50								↳ < 5 mm thick	
60								↳ spacing: ~ 8 mm - ~ 20 cm	
70								↳ scattered black snail	
80									
90									
100			N4					95-98: grad'd medium to very fine sand	
110								108-110: sub-angular clast (pebble) of sedimentary rock (siltstone?)	
120								118-119: sand clast	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 C Hole: 29H Core: 4 Section: 0-150  
 Top Depth:

Major Lithology: Mud Minor Lithology: Silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								interbedded mud & silt	JM 28.6.13
10								→ clayey mud interbedded with discontinuous laminae (~0.5cm) & patches of silt (~12/section)	
20					0				
30			N4						
40									
50									
60		color banding							
70									
80									
90								clast @ 83cm, $\phi$ 1cm, sandstone (in 4H)	
100					0				
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: UN418 C Hole: 294 Core: 5 Section: 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								- clayey and interbedded with discolorous laminae (particulate of silt (~20/section))	JM 28.6.13
10								- few black nodules	
20									
30									
40								last @ 39 cm, $\phi$ 0.5 cm	
50								last @ 45 cm, $\phi$ 0.5 cm (1-4H)	
60								--- 50 cm, $\phi$ 0.4 cm	
70									
80									
90									
100									
110								last @ 117 cm, $\phi$ 0.3 cm	
120									
130							SS (125)	just a silt layer	
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 ◀ Hole: 29H Core: 6 Section: 0-69cm Top Depth:

Major Lithology: Mud Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 28.6.13
10	Hand-drawn lithology sketch	Color banded	N4	Gravel (red)	0			Hand with silt → patchy / discontinuous patches	
25-70	Hand-drawn lithology sketch			Gravel				25-70 cm : sand in (heavy)	
70	X						PAL	69-79 cm = PAL	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U48 Hole: C Core: 30A Section: 1A Top Depth: 0-150

Major Lithology: mud Minor Lithology: interbedded silt + mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>subbd. silt + mud</u>		<u>N4</u>					<u>6 silt laminae mud ≤ 9cm</u>	<u>AB, 6-27-13</u>
10								<u>colour banded grey → very dark grey</u>	
20								<u>dark → N4</u>	
30	<u>mud</u>		<u>N4</u>					<u>massive mud with silt laminae</u>	
40								<u>colour banded N2.5 → N4</u>	
50								<u>siltstone granule in bed!</u>	
60							<u>S160</u>	<u>mud, base</u>	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U418 C 30H 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology: sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-27-13
10								siltstone clast, 1.5cm, subrounded	
20									
30	mud		N/S						
40									
50									
60								sand 2.5-4φ siltstone granule, angular	
70	mud		N/S					massive mud, 4.5-7 cm irregularly dispersed	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 11115 C 30H 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	mud								HB, 6-27-13
10	o					o	granules subrounded		
20			N2.5					granule, subrounded	
40									
50	o		N4			o	siltstone pebble, 1 cm, subangular		
100									
110	medium silt mud		N4					1/4 silt laminae mud & silt	
130							SS-35	mud with silt 60-140 g	
140	mud		N2.5						
150									

Expedition 341 S. Alaska Margin: U1413 C 30H 4A 214.20m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0										
10										
20	Inter-Bedded silt & MUD		N4	BOWED (slight)	none	absent		- silts: thinly laminated to laminated @ 1-2cm intervals, some N5		
30										
40										
42						72mm ↓				
50										
60										
70	mud		N4		none	present				
80										
90						92				
100	VOID					VOID				
103										
110	mud		N4	BOWED (slight)	none	present	5513	mud no bio (10% silt)		
120						118 120	118 120			
130				SAND EXPANSION (slight)				131: thinly laminated silt bed		
140										
150										

Expedition 341 S. Alaska Margin: U1418 C 30H 5A 215.70m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts) etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0						1: 1cm clast				
10	mud		N4		none					
20								→ gradational		
20	mud		10Y 4/1		none	22: 1cm clast				
26						26				
30						23				
40						39		small silt patches @ 66, 103		
50										
60										
70										
80										
90										
100										
110						104				
120										
130						127 128				
140										
150						↑ > 2mm clasts				

Expedition 341 S. Alaska Margin: U1418 C 30H 6A 217.20m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: INTERBEDDED SILT & MUD Minor Lithology:

















Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 27 2013
0										
10								12cm. thin lam. silt bed (NS)		
20	mud		10Y 4/1		none	abs.				
30										
35								gradational.		
40						>2mm ↓				
45										
50	INTER-BEDED SILT & MUD		10Y 4/1	BOWED (slight)	none	48		silts: thinly laminated @ 1-8cm intervals to laminated		
55										
60						60	SE57	mud (w/silt)		
70										
80										
85										
90	PAL						PAL			
95										
100	END									
110										
120										
130										
140										
150										



Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 314 Section: 1A Top Depth: 0-150

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-150	MF 28/JUN/13
10								* interbedded mud & silt	
20								* colour banding	
30								* old laminae:	
40								↳ ~40 pcs.	
50								↳ < 5 mm	
60								↳ Spacing: 3 mm - ~23 cm	
70								* limestones:	
80								4-7: pebble; 8 x 4 x 1 cm <sup>3</sup> ; mica	
90								nite; medium metamorphosed	
100								schist	
110								76-78: pebble; diorite/gabbro compo-	
120								nition	
130									
140									
150									

slight bowing

Expedition 341 S. Alaska Margin:

U1418 C 314 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-150	HF 28/JUN/13
10								* interbedded mud & silt	
20								* colour banding	
30								* silt laminae:	
40								↳ ~40 pcs	
50								↳ ~2mm - 1cm	
60								↳ ~5mm - ~12cm	
70								* limestone (granules)	
80								* some laminae contain also (very) fine sand	
90									
100									
110									
120									
130									
140									
150									

slight boring

Expedition 341 S. Alaska Margin: 41418 CR 31H 3 0-150cm  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								interbedded mud & silt	JM 28.6.13
10					○			- silt laminae up to 2cm = layer, 41 laminae in total	
20									
30			N4						
40		color banding							
50									
60									
70									
80									
90			N4						
100					○				
110									
120			5y/5/1					114-116cm: silt layer	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 C Hole: 31H 4 Section: 0-100c Top Depth:

Major Lithology: Mud Minor Lithology: silt, sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	clayey mud							interbedded mud & silt	JM 28.6.13
10								- clayey mud with discontinuous silt laminae (0.5cm); ~ 25 laminae	
20					0				
30		color banding							
40			N4						
50				slight to moderate sowing				43-46 - coarse to fine sand, poorly sorted, fining upward, sharp base - site lower boundary, gas, alphi-bols	
60								(5x 5/1)	
70					0				
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: UN41P C Hole: 31H Core: 5 Section: 0-73cm  
 Top Depth:

Major Lithology: Med Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									
10								clayey med interbedded with silt laminae (~0.4cm thick), 4 laminae	JM 28.6.13
20									
30			N4						
40				moderate to high sowing				40-43cm: subangular black meta sediment with Qtz veins, $\phi$ 3cm	
50								clast @ 49cm, $\phi$ 1cm	
60									
70									
80							PAL	73-83cm PAL sample	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: C Core: 32H Section: 1A Top Depth: 0-150

Major Lithology: ..... Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			U4					0-150:	MF 28/7uN/13
10								* Mud with silt & fine sand	
20								* patches of silt to fine sand ↳ partly darker, partly lighter	
30								* some "remnants of lamination" occasionally visible	
40									
50								~10 cm: angular (with sharp edge - "fresh looking") clast of mica-rich, black/dark grey siltstone(?)	
60									
70									
80									
90									
100								← sand patches	
110									
120									
130									
140									
150									

holes in upper part & probably flows in along the rest (heavy)

Expedition 341 S. Alaska Margin:

U1418

C

32H

2A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-150	JF 28/JUN/13
10								* mud with silt	
20								* patches of silt	
30								* remnants of silt laminae (deformed)	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

silt patch

probably flow pm (heavy)

void

Expedition 341 S. Alaska Margin: U1418 C 324 3A 0-126  
 Site: Hole: Core: Section: Top Depth:

Major Lithology:..... Minor Lithology:.....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-126	MF 28/JUN/13
10								* mud with silt patches	
20								* heavily disturbed	
30								* some "remnants of laminae visible"	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: 41418 Hole: 32H Core: 4 Top Depth: 0-77cm

Major Lithology: med Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									Jh 28.6.13
10								med with silt → irregular silt patches scattered throughout section → <u>highly disturbed!</u>	
20			SY 4h						
30	med								
40	silt								
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



