

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 2H Section: 1A Top Depth: 0-100

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	<i>Core</i>		<i>log 411</i>					<i>0-100</i>	<i>MF 12/Jul/13</i>
10								<i>* diatom ooze with silt</i>	
20								<i>* scattered small black mottles (<2mm)</i>	
30								<i>* rel. soupy sediments</i>	
40									
50									
60									
70									
80					<i>slight</i>				
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 2H Section: 2A Top Depth: 0-148

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	oore		gray					0-148 * disintegrated oore with milt * scattered small black mottles (<2mm) * rel. soupy sediments	MF 12/JUL/13
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419

C

2H

3A

0-117

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			10Y4/1					0-85: * diatom ooze with milt * scattered small black mottles (<2mm) ↳ up to 1cm below ~72cm	MF 12/jul/13
10									
20									
30									
40									
50									
60									
70									
80					slight				
90			5Y4/2					85-97: * diatom ooze * few black mottles (<3mm)	
100			10Y4/1					97-117: * diatom ooze * few black mottles (<3mm)	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: G1419 C Hole: 2# Section: 4 Top Depth: 0-149

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								0-25 cm: <u>light ooze</u>	JM 12.7.13
10			10Y 4/1						
20									
25			10Y 3/1					25-29 cm: <u>fine sand with 2 clasts</u>	
30									
35			10Y 4/1					29-149 cm: <u>mud</u> <u>very few black nodules</u>	
40									
50									
60									
70								clast @ 70 cm (i.e. <u>UA</u>)	
80									
90									
100									
110			M4						
120									
130			2.5Y 4/2					131-134 cm: <u>forams + lera</u> <u>coarse sand</u>	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 C Hole: 24 Section: 5 Top Depth: 0-37c

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								0-37c: m-d	JM 12.7.13
10			N4	/	0				
20	m-d	/		/					
30									
40								washed gravel between 37 & 55c → sandstone, basalt? black sandstone	
50				high					
60	m-d			clerked					
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 3H Section: 1A Top Depth: 0-151

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>N4</u>	<u>mouse heavy</u>				<u>0-151:</u> * mud with dispersed clasts * only the location of clasts can be identified, but not their lithologies, because the clasts are covered with mud (granules & pebbles.) * few, very weak black mottles (<2mm)	<u>MF 12/Jul/13</u>
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419 C 3H 2A 0-152
 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						TF 12/Jul/13
10								0-152: see section 1	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 3H Section: 3A Top Depth: 0-153

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					0-18	YF 12/Jul/13
10								* see section 1	
20			10y 4M	NP				18-153	
30								* slightly more greenish grey gradational boundary from overlying sds.	
40								* lens clasts	
50								* traces of volcanic ash (based on smear slide from sect. 4, 130 cm)	
60									
70									
80								▷ presumably sand stone (not taken out of sediment)	
90									
100									
110								~108: shell fragment	
120								~126: _____	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: 3H Core: 4 Section: 0-141c 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	JM 12.7.13
10								- subtle color changes between N4 & 10Y 4/1	
20			10Y 4/1	/					
30			10Y 4/1						
40									
50									
60									
70					low to slight				
80									
90			10Y 4/1						
100			10Y 4/1						
110				/					
120								→ mud with calc. sh (green & brown ash)	
130							SS (130)	intact shell @ 133cm + shell fragments	
140									
150									

10 clasts

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: α Core: 3H Section: 5 Top Depth: 0-145cm

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	JM 12.7.13
10									
20			10Y 4/1	/	0				
30							55 (34)	mud with volc. ash (brown & green glass)	
40								shells? @ 39 & 46 cm, shiny mother of pearl flakes	
50					0				
60			10Y						
70									
80									
90					0				
100			10Y 4/1					sand patch @ 93-95cm coarse grains	
110									
120					0			broken shell @ 127cm	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 C Hole: 3H Section: 6 Top Depth: 0-134

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								mud - few black nodules	JM 12.7.13
10									
20			M4						
30									
40									
50									
60				very subtle boring	none to slight			→ volc. bearing mud (subangular glass)	
70								(62) shell @ 62 cm 64-108 cm: silty/sandy mud	
80									
90			M4						
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

41419

C

3H

7

0-64

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: few black nodules	JM 12.7.13
10			N4	/					
20			to	/					
30			10y	/				30-44 cm: silty (very fine sand) interval	
40			411	/	slight				
50				/					
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: C Core: 3H Section: CC Top Depth: 0-140

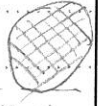
Major Lithology: mud Minor Lithology:

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			N4	/	/			just mud	JM 12.7.13
10									
15	PAL						14-21		
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419 C 4H 1A 0-145
 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		gray 4/1	fall heavy	7			0-7 * one limestone → marble * some mud	MF 12/jul/13
10									
20									
30								7-145 * mud with dispersed clasts * clasts of granite & pebbles * compositions cannot be defined due to coverage with mud	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419

C

4H

2A

0-146

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		gray					0-146 * mud with dispersed clasts * clasts of granule & pebbles * composition cannot be determined due to coverage with mud * very few black mottles (< 2 mm)	MF 12/Jul/13
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419 C 4H 3A 0-141
 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			10y 4/1					0-5	PF 12/JUL/13
10			5y 4/1					* as section 2	
20								5-34	
30								* as section 2, but different colour	
40			10y 4/1					* some shell fragments	
50								34-141	
60								* as section 2	
70								* very scattered shell fragments	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11419 C Hole: 4H Section: 4 Top Depth: 0-146

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								<u>m-d</u>	<u>JM 12.7.13</u>
10				/					
20					0				
30			<u>N4</u>						
40									
50									
60				/					
70					0				
80									
90									
100									
110				/					
120									
130					0				
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 C Hole: 4H Core: 5 Section: 0-145 cm
 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								just mud with disp. clasts - some horizontal cracks (slight drilling disturbance)	JM 12.7.13
10									
20									
30									
40			N4						
50									
60									
70									
80									
90									
100									
110									
120								115 - 120 cm ^{pod} patch of sandy mud Foram bearing	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: C Core: 4H Section: 6 Top Depth: 0-146

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								just mud with disp. clasts (→ very few black clasts) few horizontal cracks (slight)	JM 12.7/13
10					0				
20			N4						
30									
40					0				
50									
60									
70					0				
80			N4						
90									
100									
110									
120			N4		0				
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 C Hole: 4H Section: 7 Top Depth: 0-170cm

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 12.7.13
10					0			just mud with dispersed clasts 2 clayey mud	
30			N4						
33-34								33-34 ← crack (high drilling disturb.)	
50					0				
70									
80									
100			N4						
110					0				
130									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 C Hole: 4H Core: CC Section: 0-34.5m 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								just mud	JM 12.7.13
10			N4		0				
15-17	void			X				15-17 cm void	
20									
30			N4		0				
34-39	PAL						34 39		
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: SH Section: 1A Top Depth: C-148

Major Lithology: msd 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>N4</u>					<u>of 12 stones, rounded, 6 cm,</u>	<u>AB, 07-12-13</u>
10	<u>msd</u>					<u>assent</u> <u>3</u>			
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1119 Hole: C Core: 5H Section: 2A Top Depth: 0-146

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>proseus</u> <u>4</u>			<u>HB, 07-12-13</u>
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: SH Section: 3A Top Depth: 0-148

Major Lithology: und 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>und</u>		<u>N4</u>			<u>30</u>			<u>NO, 07-12-13</u>
10									
20									
30						<u>0</u>			
40									
50									
60							<u>SS9</u>	<u>und wird sich</u>	
70								<u>argillite, lam, angular</u>	
80	<u>0</u>					<u>0</u>		<u>sandstone pebble, 5cm, subrounded, in WH!</u>	
90									
100									
110									
120									
130									
140	<u>0</u>					<u>0</u>		<u>argillite, pebble</u>	
150									

Expedition 341 S. Alaska Margin:

U1419

C

5H

4A

34.92m 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	July 12 2013
0						2mm ↓				
10	mud w/silt		N4		none					
20				GAS EXP. (slight to mod.)		20				
30										
40								40-43: cracks, slight to mod.		
50						50 54(2x)				
60										
70										
80						81 84(2x)				
90										
100						94				
110										
120						116 117 119				
130										
140						134				
150										

Expedition 341 S. Alaska Margin: U419 C 5H 5A 36.42m 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	July 12 2013
0						72mm				
10										
20										
27	mud w/silt		N4		none					
30				GAS EXP. (slight + mud.)						
46							SS46	mud w/silt		
65										
70										
80										
90										
100										
106										106-131: sand/silt patches
125										
130										
142										
150										

Expedition 341 S. Alaska Margin:

U1419

C

5H

6A

37.92m 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: July 12 2013
0										
10								a few scattered silt patches		
20	mud w/ silt		24		none			24-37: cracks; slight to mod.		
30										
40				GAS Exp. (slight to mod)						
50						14 clasts > 2mm		55, 61cm - siltstones, 5cm ± 5cm subangular		
60										
70										
80								83cm - siltstone, 4cm subrounded		
90										
100										
110										
120								124cm - ~1cm volcanic		
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 C SH CC-A 39.46m 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, <u>clasts</u> , etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	July 12 2013
0										
10	mud w/silt		N4	↓ slight	none	absent		13-16: silt patch		
27										
30	PAL						PAL			
32										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: 11419 Hole: C Core: GH Section: 1A Top Depth: 0-142

Major Lithology: mud Minor Lithology: sand, ash

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					2 granules, asphaltic	AB, 07-12-13
10									
20									
28	sand		N4				SS27	fine grained sand	
30	mud		N4				3		
40									
50									
60									
70								2 granules	
80									
90									
100								sandstone clast, subrounded, 5 cm,	
110									
120									
130									
132	ash						SS133	576/1 ash	put in Desc!
134.5	mud		N4						
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11419 Hole: C Core: GH Section: RA Top Depth: 0-142

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		N4			Present 4.			HB, 07-12-13
10	o					o		granule	
20									
30									
40									
50	o					o		granule	
60									
70									
80	o					o		granule	
90									
100									
110									
120									
130	o					o		San, argillite, rounded	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11419 Hole: C Core: GH Section: 3A Top Depth: 0-145

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		Ng			pebbles			HB, 07-12-13
10	VOID								
20									
30									
40									
50								asbestos, pebbles, 2cm	
60									
70									
80									
90								sand pebbles	
100									
110								sandstone, 4cm, rounded, in WH?	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 6H Section: 4A Top Depth: 0-144

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>porcell</u> <u>5</u>			<u>HE, 07-12-13</u>
10									
20									
30									
40									
50									
60								<u>sandstone, clayey, 2x5 cm</u> <u>azulite granule</u>	
70								<u>shell fragment, 2cm,</u>	
80									
90									
100								<u>granule</u>	
110									
120								<u>granule</u>	
130								<u>granule</u>	
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 6H Section: 5A Top Depth: 44.93m CSF-A

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: July 12 2013
0										
10										
20										
30										
40										
50	mud		N4	GAS Exp (slight to mod)	none					
60						3 clasts >2mm				
70						67-shell frag.				
80			grad							
90			10Y 4/1			7 clasts >2mm				
100										
110								SS105 mud, no bio		
120										
130			grad							
140	mud		N4			3 clasts >2mm				
146							SS139	mud, no bio		
150	END									

Expedition 341 S. Alaska Margin: U1419 C 6H 6A 46.39m 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	July 12 2013
0										
10										
20	mud		N4	GAS Exp. (slight to mod.)	none	Ø clasts > 2mm		sparse black mottling (thick @ 123-124cm & below) sparse silt patches		
30										
40										
50										
60										
70										
80	mudstone							80cm - thin laminae of silt		
90										
100										
110										
120										
130										
140										
146	END									
150										

Expedition 341 S. Alaska Margin: U1419 C 6H 7A 47.85m 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	July 12 2013
0										
10										
20	mud		N4	GAS Exp. (slight to mod.)	none	11 clasts >2mm		0-50cm: black mottling		
30										
40										
50										
60										
70										
80										
90										
100										
110										
114	END									
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 C 6H CC-A 48,99m 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	July 12 2013
0										
10	mud		N4	slight mud	none	absent				
20										
28	PAL						PAL			
33	END									
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U149 Hole: C Core: 74 Section: 2A Top Depth: 0-141

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>5Y3/2</u>						<u>HB 07-12-13</u>
10							<u>SS13</u>	<u>mud w. diatoms</u>	
20									
30									
40									
50	<u>mud</u>		<u>10Y5/2</u>						
60							<u>SS63</u>	<u>diatom rich mud</u>	
70	<u>mud</u>		<u>5Y3/2</u>			<u>small pieces</u>			
80									
90								<u>stratified deposit</u>	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 7H Section: 1A Top Depth: 0-55

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>10Y3/2</u>				<u>2</u>		<u>AB, 07-12-13</u>
10	<u>o</u>					<u>o</u>		<u>sandstone pebble, 2 cm, rounded</u>	
40	<u>o</u>					<u>o</u>		<u>meta-sandstone, 4 cm, sub-angular, with fabric + micras</u>	
150									

Expedition 341 S. Alaska Margin:

11419

C

7H

3A

50.65m OSF-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, <u>clasts</u> , etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: July 12 2013
0								0-50cm. black mottling.		
10										
20										
30	mud		N4	(slight to mod.)	none	5 clasts > 2mm				
40										
50										
60										
70										
80										
90										
100										
110										
120	mud w/ diatoms		10Y 4/2					sett. mud, w/ diatoms		
130										
140	END									
150										

Expedition 341 S. Alaska Margin:

U1419

C

7H

4A

52.05m 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	July 12 2013
0										
10	mud		N4	spec (mod.)	none	clasts >2mm				
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
146	END									
150										

Expedition 341 S. Alaska Margin:

U1419

C

7H

CC-A

53.51

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									
10								ALL to PAL	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 149 Hole: C Core: 8H 1A C-140 Section: Top Depth:

Major Lithology: mud Minor Lithology: 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	mud		lt						B, 07-12-13
10									
20									
30									
40									
50									
60									
70									
80	mud		lt					interbedded silt + mud	
90	mud		lt						
100							sto	mud	
110									
120								interbedded silt + mud	
130								soft ooze	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 2149 Hole: C Core: SH Section: 23 Top Depth: 0-113

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			131					4 thin, reddish silt + mud Silt + mud	RB, 57 12-13
10									
20	mud		134			Small pieces 14			
30								interbedded silt + mud	
40									
50									
60									
70									
80									
90	mud silt + mud		134	bioturb. mud to bed				thin laminae	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: MM9 Hole: C Core: CH Section: Z1 Top Depth: 0-113

Major Lithology: mud Minor Lithology: shale, siltstone, sandstone

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>Mg</u>					<u>interbedded sand & mud</u> <u>3.5m laminar</u>	<u>R. S. R-13</u>
10									
20	<u>mud</u>		<u>Mg</u>					<u>See profile, showing</u>	
30									
40									
50									
60								<u>become going down</u>	
70									
80	<u>mud</u>					<u>shells</u> <u>poorly</u>		<u>gradational</u>	
90									
100									
110								<u>to sand</u>	
120							<u>SS</u>	<u>mud</u> <u>SS</u>	
130									
140			<u>SS</u>						
150									

Expedition 341 S. Alaska Margin:

Site: *U14* Hole: *C* Core: *54* Section: *14* Top Depth: *0-*

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			<i>14</i>					<i>interbedded silt + mud</i>	<i>JP, 07-12-13</i>
10			<i>14</i>					<i>3 silt laminae</i>	
20	<i>mud</i>		<i>14</i>			<i>2</i>		<i>samples</i>	
30									
40			<i>14</i>					<i>same sand</i>	
50	<i>mud</i>		<i>14</i>			<i>6</i>			
60								<i>interbedded silt + mud</i>	
70									
80									
90				<i>lensed, mud + silt</i>					
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: BH Section: SA Top Depth: 59.18m CSF-A

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: Childress	Date: July 12 2013
0								2cm silt lamina		
10								11-19: void, clast, mod. (in W/2)		
20	mud		N4			1 clast > 2mm				
30										
31	inter-bedded silt & mud	~NG (silt)		B.O.B.O.O (mod.)				coarse silt, ~ 8 normally graded N5 laminae, w/ mud up to 6cm thick		
40						2 clasts > 2mm				
50					none					
60										
63										
70										
80	mud					4 clasts > 2mm				
90										
100										
110										
120								120cm: laminae of silt		
130										
137	END									
140										
150										

Expedition 341 S. Alaska Margin:

U419
Site:

C
Hole:

0H
Core:

6A
Section:

60.65m CSF-A
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:
									Childress	July 12 2013
0										
10								10-17: clast void, in W/2		
20										
30										
40				GAS EXP. (slight to med)						
50						5 clasts >2mm				
60										
70										
80	mud		N4		none					
90										
100										
110	mud w/ diatoms		10Y 4/2			absent		ES10 - mud w/ diatoms		
120										
130								129cm - silt lamina, N4		
140										
148	END		10Y 4/1							
150										

Expedition 341 S. Alaska Margin:

U1419
Site:

C
Hole:

04
Core:

7A
Section:

62.13m
~~2.0m~~ CSF-A
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: July 12 2013
0	mud w/ diat.		10Y 4/1							
0-10	inter-bedded silt & mud w/ clay		10Y 4/1				SS4	2 or 3 thin silt laminae, normally graded, N4, w/ mud up to 3cm mud, no bio		
10-20	mud w/ diatoms		10Y 4/1			absent				
20-30										
30					none					
30-40	mud		N4	GAS EXP. (slight to mod.)						
40-50						9 clasts > 2mm				
50-60										
60-70										
70-80										
80-90										
90-100										
100-110										
110-120										
120-130										
130-140				⊕				131-134: clast void, in W/2		
140-150	END									

Expedition 341 S. Alaska Margin: 11419 Site: C Hole: BH Core: CC-A Section: 63.50m CSF-A 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: July 12 2013
0										
10	mud		N4	slit (minicore)	none	2 clasts > 2mm				
20				slit (medi.)		22 - shell frag.				
27	PAL						PAL			
30	END									
32										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: 11119 Hole: C Core: 9H Section: 1A Top Depth: 0-140

Major Lithology: mud and 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									
10	mud + silt		light					mud + silt with some shells silt to part core, silt 5Y 3/2	HE, 07-12-13
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U69 Hole: C Core: 9H Section: 2A Top Depth: 0-141

Major Lithology: 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 + silt</u>		<u>U4</u>						<u>48, 57-12-13</u>
10								<u>mud + silt with small silt in patches, silt 5/3/2</u>	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1419 Hole: C Core: 9H Section: 3A Top Depth: 0-144

Major Lithology: 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	mud + silt		14						NB, 07-12-13
10								mud and silt mud, silt silt in patches, silt 5/3/2	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 9H Section: 4A Top Depth: 67.25m CSF-A

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	July 12 2013
0										
10										
20	mud w/ silt	PARTICULATE	N4 (silt = 5Y4/1)	S&K - N (high)	none	3 clasts > 2mm				
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140	END									
150										

Expedition 341 S. Alaska Margin:

U1419 Site: C Hole: 9H Core: 5A Section: 68.68m 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	July 12 2013
0										
10										
20	mud w/silt	RAFTS	N4 (silt=5V4/1)	SCS (high)	none	2 clasts >2mm				
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1419 Site: C Hole: 9H Core: 6A Section: 70.10m 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: Childress	Date: July 12 2013
0										
10										
20										
30	mud w/ silt		N4 (silt=5V4/1)	2-1700S (high)	none	7 clasts >2mm				
40										
50										
60										
70										
80		laminae								
90										
100										
110								-silt laminae drag vertical		
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1419

C

9H

7A

71.55m 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	July 12 2013
0											
10	mud w/ silt		M4 (silt, 5Y 4/1)	2 - K 00-0 (high)	none	3 clasts > 2mm					
20											
30	mud					2 clasts > 2mm					
40											
50											
60											
70											
74	END										
80											
90											
100											
110											
120											
130											
140											
150											

Expedition 341 S. Alaska Margin: U1419 C 9H CC-A 72.29m 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	July 12 2013
0	mud w/ silt		N4 (silt = 5V4/1)	2-3 rags (high)	none	2 clasts > 2mm					
17											
20	PAL						PAL				
22											
30											
40											
50											
60											
70											
80											
90											
100											
110											
120											
130											
140											
150											

Expedition 341 S. Alaska Margin:

Site: 1164 Hole: C Core: CH Section: 11 Top Depth: 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			16Y 3/2						12-07-12-13
10									
20									
30									
40									
50			14						
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1119 Hole: C Core: 10A Section: 2A Top Depth: 0-69

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>lt</u>						<u>AB, 07-12-12</u>
10	<u>lt. clay</u>								
20								<u>partly destroyed by the mud splashing process</u>	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11149 Hole: C Core: 104 Section: 3A Top Depth: C-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	10.0		14					← sandstone & siltstone loc	AB, 07-12-B
10	cellular clasts							← more destroyed by the splitting (100%) process	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1419 Site: C Hole: 10H Core: 4A Section: 75.97m CSF-A 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	July 12 2013
0										
10								9cm: 3cm metasandstone		
20			N4							
30				SUCK						
40	mud w/ common clasts.		10Y 4/1	N (mod. to high)	none.			36-2cm meta siltstone		
50			N4	+ GAS EXP. (mud)						
60										
70										
80										
90										
100										
110	112 END									
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 Site: C Hole: 11H Core: 1A Section: 77.10m CSF-A Top Depth:

Major Lithology: DIATOM BEARING MUD W/ FORAMS 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	July 12 2013
0	GRAVEL		N5			present		→ sandstones, siltstone (w/ fabric)		
10	diatom bearing mud w/ forams		10Y 4/1	M O U S S E L L I K E (light to mod.)						
20										
30						absent				
32										
40			10Y 4/2		none		SS38	diatom bearing mud w/ forams		
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
143	END			SED. BALL?				= waist of rotating sediment		
150										

Expedition 341 S. Alaska Margin: U1419 C 11H CC-A 70.53m CSF-A
 Site: Hole: Core: Section: Top Depth:

Major Lithology: diatom bearing mud w/ forams 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	July 12 2013
0	diatom b. mud w/ forams		10Y 4/1	TEP (m d.)	none	absent				
12	PAL						PAL			
17	END									
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: 1019 Hole: C Core: 128 Section: 12 Top Depth: 0-140

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		grey						RB, 02-12-13
10								mud with no bio	
20								deposited with some FeO	
30									
40									
50									
60								some pebbles 15 cm rounded	
70								pebbles 16 cm rounded	
80									
90								mud, no bio	
100								pebbles 18 cm rounded, some	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1119 Hole: C Core: 14 Section: 2A Top Depth: 0-142

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>dk</u>						<u>AB</u> 07-12-13
10									
20								<u>gradational</u>	
30	<u>o</u>					<u>o</u>		<u>fine grained</u>	
40									
50								<u>equally</u>	
60	<u>o</u>					<u>o</u>			
70									
80									
90	<u>o</u>					<u>o</u>			
100	<u>o</u>					<u>o</u>			
110									
120									
130			<u>pink</u>				<u>SP1</u>	<u>diatom ooze</u>	
140									
150									

Expedition 341 S. Alaska Margin:

1149

C

12H

3A

81.52m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Diatom ooze

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	July 12 2013
0										
10										
20					none					
30	diatom ooze		10Y 4/2	GAS EXP. (slight)		present (3) (all < 2mm)		0-62: faint black mottling		
40										
50										
60						57-shell frag.				
62	mud		10Y 4/1							
70										
80						absent				
90										
93										
100	silty diatom ooze		10Y 4/2	crack				5599 - diatom ooze		
110						2 clasts > 2mm		110: clast void, argillite in w/2		
120										
130										
140	END									
150										

Expedition 341 S. Alaska Margin: 11419 Site: C Hole: 12H Core: 4A Section: 82.87m CSF-A
 Top Depth: 82.87m CSF-A

Major Lithology: Mud Minor Lithology: DIATOM ooze

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	July 12 2013
0										
0-12	silty diatom ooze		10Y4/2					black mottling: 0-12, 24-60cm		
12-24	silty mud		10Y4/1			absent				
24-27	silty diatom ooze		10Y4/2		none					
27-40	silty mud		10Y4/1			3 clasts >2mm				
40-60							SS53-silty mud			
60	END									
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1419

C

12H

CC-A

83.47m 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	July 12 2013
0										
10	mud		10Y 4/1		none	1 clast >2mm		black mottling		
20										
24	PAL						PAL			
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: 341 Hole: C Core: 34 Section: 1A Top Depth: 0-140

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>grey</u>			<u>shells</u>			<u>12.07.13</u>
10									
20									
30									
40								<u>sub angular</u>	
50									
60									
70								<u>4 granules</u>	
80									
90									
100									
110									
120							<u>etc</u>	<u>sub angular</u>	
130								<u>diatom loc. & mud</u>	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1149 Hole: C Core: 2A Section: 2A Top Depth: 0-10

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			132			shell			12, 27-12-13
10								shell fragment	
20									
30									
40									
50									
60									
70									
80									
90								shell fragment	
100								sands tone clast in WH!	
110								quartz clast, 2.8 cm, sub-	
120							312	micr. w. diatoms	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: V1419 Hole: C Core: 13H Section: 3A Top Depth: 86.20m CSF-A

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	July 12 2013
0										
10										
20			10Y 4/1		none	3-shell frag.				
30										
40						6 clasts > 2mm 44-shell frag.				
50										
60	mud									
70							SS70	mud, no bio		
80										
90										
100										
110	END									
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 C 13H 4A 87.30m CSF-A
 Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology: Diatom Rich mud w/ FORAMS

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	July 12 2013
0										
10										
20	mud					1cm siltstone shell frag.				
30			10Y 4/1		none					
40						42 shell				
48										
50	diatom rich mud w/ forams									
60			10Y 4/2				8260	diatom rich mud w/ forams		
70	END									
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

11419

C

13H

CC-A

88.01 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: July 12 2013
0	mud		10Y 4/1			2cm siltstone				
10	diatom rich mud		10Y 4/2		none	6-shell 3 clasts, >2mm				
19	PAL						PAL			
24	END									
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 14H Section: 1A Top Depth: 0-140

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			10Y 4/1	Heaviest heavy 3				0-24 * diatom bearing mud with volcanic ash * with dispersed clasts (siltstone & metasediment) * granules & small pebbles * abundant foraminifera on sediment surface * SS 12:	MF 13/Jul/13
24			5Y 4/1					24-128 * clast-rich diamict, muddy * granules & pebbles * SS mud, trace of volcanic ash <u>clast include:</u> volcanic rock (brown) with zeolite, metamorphic rock (green) with chlorite; chert with weathering rim; sandstone; granitoid; siltstone; metasediment with quartz veins; felsic fragments.	
128								128-140 * muddy clast-poor diamict	
140			5Y 3/1						
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 144 Section: 2A Top Depth: 0-145

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			5y3M					0-33:	TF 13/Jul/13
10								* muddy clast - poor diam. cl.	
20								* ~ 15cm shell fragments	
30								* siltstone, sandstone,	
35								* granules & (3) pebbles	
35								* ss 30: mud	
40			N4					33-146	
50								* clast - rich muddy diamict with sand	
60								clast include	
70								siltstone, sandstone, graywacke,	
80								greenstone, granitoid, kalifeltite	
90								rich rock with thin foliation,	
100								sandstone with bioturbation (2) (~	
110								119-124 cm); red chert; meta-	
120								sediment with quartz veins	
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419

C

14H

3A

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								0-61	HF 13/ Jul/13
10								* clast rich muddy siltstone with sand	
20								* for details see section 2	
30								* SS.40: muddy sand	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419 C 14H CC 0-28
 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									HF 13/jul/13
10								0-18.5 * clast-rich muddy diamict * for details see section 2	
20	PAL							18.5-23.5 Sample PAL	
30	oo							washed gravel	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 15H Section: 1 Top Depth: 0-79cm

Major Lithology: Diamict 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								0-6cm: full in	JM 13.7.13
10									
20			N3					siltstone @ 12-17cm, ϕ 6x5cm (or very fine sandstone)	
30								clast-rich diamict	
40								clasts: siltstone, sandstone, chlorite bearing metamorphic, granitoid, red chert? quartz	
50								granules to pebbles (~1cm)	
60			N3						
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: W1419 C Hole: 15 H Core: CC Section: 0-29
 Top Depth:

Major Lithology: Diamic

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								- dark red diamic	JM 13.7.13
10			N3	/	o			metamorphic (chert bearing) with quartz veins, ϕ 2cm @ 6-9cm	
20					o				
30	 PAL						29 34	siltstone, ϕ 3x2cm @ 25-29cm	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419

C

16H

1A

0-143

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					0-21	MF 13/Jul/13
10		void		shell - in ? mudstone				* fall-in ? * muddy clast - poor diameter * granules & few pebbles; pebbles of siltstone(?)	
20									
30									
40								21-143	
50								* muddy clast - rich diameter	
60								clasts include: (sect 1, ~22+60) whitish-greenish chert (?) (does not fizz with HCl); metabasalt, greenstone, fine sandstone, meta sediment with quartz veins; quartz, granitoid, feldspar fragments, mica-rich granite (sect. 2, ~50cm); chlorite-rich + dark minerals (sect. 2, ~66cm)	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 C Hole: 16H Core: 2A Top Depth: 0-142

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					0-78 * muddy clast - nrl diamid	TF 13/Jul/13
10								* for clast composition see det. 1	
20									
30									
40								40-142 * muddy clast - poor diamid	
50								* generally slightly lighter than overlying interval, but some irregular variations to darker colours	
60								* granules & pebbles (rel. few pebbles)	
70								* clast composition: milstone; garnitoid; quartz vein; sandstone	
80									
90								ss 120: mud with volcanic ash	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 16H Section: 3A Top Depth: 0-141

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			M4					0-30.5	VF 13/Jul/13
10								* muddy clast-poor diamic. dt	
20								* for details see section 2, 78-142 cm	
30								30.5-67	
40								* stratified diamic. (clast poor)	
50								↳ somewhat clast-poorer intervals (up to ~4 cm)	
60								↳ somewhat clast-richer intervals (up to ~2 cm)	
70								↳ slight to moderate burrowing	
80								* SS63: mud with volcanic ash	
90								67-141	
100								* muddy clast-poor diamic. dt	
110								* for details see section 2, 78-142 cm	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: C Core: 16M Section: CC Top Depth: 0-27

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									YF 13/Jul/13 0-21 * muddy clast - poor diamicid * for details see section 2, 78-142 an
10				slight laminat					
20	PAL						PAL		
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: C Core: 17H Section: 1 Top Depth: 0-141c

Major Lithology: Diamict 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								0-18c: slightly twisted/cracked	JM 13.7.13
10				slight	0				
20			M4						
30								clast-poor diamict with very fine mud matrix	
40				/					
50								- clasts are randomly dispersed → granules to pebbles (0.5c); 1 sandstone clast @ 131c (1c)	
60								clasts: siltstone, granitoid, greenstone, quartz	
70									
80					0				
90			M4				js (90)	wtc. Seamy mud	
100				/					
110				/					
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 C Hole: 17H Core: 2 Section: 0-65cm Top Depth:

Major Lithology: Diamict 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								0-14 cm: clast-poor diamict (as in section 1)	JM 13.7.13
10					0				
20			N4	Slight cracks				14-53 cm: clast-rich diamict → black metasiltstone, debate seeing metamorphics, granitoids, quartz fairly granular (up to 0.5 cm)	
30									
40					0				
50									
60								53-65 cm: clast-poor diamict	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 C Hole: 17H Core: CC Top Depth: 0-18cm

Major Lithology: Diat 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								"fluffy" muddy diamic clast-poor few granules (~ 0.3 cm)	JM 13.7.13
10			N4	/	0				
20	<u>PAL</u>						<u>AP</u> <u>23</u>		
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 C Hole: 19H Core: CC Top Depth: 0-12

Major Lithology: diamic 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 137/13
10			N4	/	0		12 17	clast-poor diamic granules (max. d. 4 cm) of silt siltstone (qtz, granitoids)	
20	TAL								
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 C Hole: 20H Section: 1 Top Depth: 0-146 cm

Major Lithology: Diarict

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				50%				- clast-poor diarict: 0-50 cm (0-4 cm: soupy), - clay	JM 13.7.13
10					○				
20			N4						
30								30-75 cm: soupy / water-rich	
40									
50								50-146 cm: clast-rich diarict granite & pebbles (~1 cm) of siltstone, greenstone, quartz.	
60				slight to moderate	○				
70							SS (70)	→ sandy mud	
80									
90									
100			N4						
110					○				
120									
130									
140								shell fragment @ 137 cm	
150									

Expedition 341 S. Alaska Margin:

Site: 47419 C Hole: 20H Core: 2 Section: 0-145e Top Depth:

Major Lithology: Sand 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 13.7.17
10								0-110cm clast-rich di-ict granules & pebbles (up to 2.5 cm) of sandstone, siltstone, granitoid, quartz	
20			N4	/					
30				/					
40									
50									
60									
70				/					
80			N4	/					
90									
100									
110								110-145cm: clast-poor di-ict granules (2 pebbles only, $\phi 0.8$ cm)	
120				/					
130			N4	/					
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 C Hole: 204 Core: 3 Section: 0-103cm
 Top Depth:


Major Lithology: Dia-ict 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								0-13cm - w/dy (massive) clast - poor dia-ict (very clayey)	JM 13.7.13
10				/	0				
20							SS (23)	13-103cm - clast with dia-ict somehow interbedded with mud bands (0.5-1.5cm thick)	
30								→ <u>interstratified dia-ict</u>	
40			N4		0			- grains, granules, pebbles (up to 1.6cm) of siltstone, granitoids,	
50				/				- subtle color changes between bands	
60									
70					0			→ just mud	
80				/					
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: C Core: 20H Section: CC Top Depth: 0-22c

Major Lithology: Dialect 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			interstratified clastic dialect - coarse grains, granules, pebbles (up to 1cm) of siltstone, granitoids, quartz;	JM 13.7.13
22-28	<u>PAL</u>						22-28	slight color changes (N4 to N3) between sands	
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									