

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: D Core: 2H Section: 1A Top Depth: 0-150cm

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									JM 13.7.13
10			10Y 3/1					0-54cm : diato-ooze, slightly laminated (due to color changes), few black watters	
20			to 2.5Y 4/1						
30									
40									
50									
54								54-59cm : fine sand (foraminifer-bearing)	
60			10Y 4/1					59-150cm : mud with a very few black watters	
70								(mud w. dispersed clasts)	
80									
90			10Y 4/1						
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 2H Section: 2A Top Depth: 0-150cm











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 med	JM 137'03
10			10Y 4/1		○				
20			to	/					
30									
40			N4						
50					○				
60				/					
70									
80								81-82 ← dash gray / black lamella	
90					○				
100									
110									
120				/					
130					○				
140									
150	void			✓				147-150 ← void	

Expedition 341 S. Alaska Margin:

Site: 40419 D Hole: 2H Core: 3 Section: 0-150  
 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									JH 17.7.13
10				/	0			just mud	
20			N4	/	0				
40				/					
50				/					
60									
70					0				
80									
90									
100			N4	/					
110				/					
120				/	0			sandstone @ 122-126 cm	
130				/					
140				/					
150									

Expedition 341 S. Alaska Margin: 47419 2 2H 4A 0-150cm  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: red 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 red	JH 13.7.13
10									
20			N4		0				
30									
40									
50					0				
60									
70			N4						
80									
90					0			black calcisiltstone (or sandst?) @ 90-93cm	
100									
110			N4						
120									
130					0				
140									
150									

Expedition 341 S. Alaska Margin:

Site: 47419 Hole: 2# Core: 5 Section: 0-150m 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 w/ k disp clasts	JM 13.7.13
10				/	0				
20			N4	/					
30				/					
40				/					
50				/	0				
60				/					
70			N4	/					
80				/				black starfish bone?	
90				/	0				
100				/					
110				/					
120			N4	/	0				
130				/					
140				/					
150				/					

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: D Core: 24 Section: 6A Top Depth: 0-125cm

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 w. dispersed dark	JM 13.7.13
10			N4		0				
20				/					
30									
40									
50					0				
60			N4	/					
70				/					
80									
90									
100					0				
110			N4	/					
120								silt lamina @ 124 cm (0.5 cm thick)	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 61419 Hole: D Core: 2H Section: 7 Top Depth: 0-70cm

Major Lithology: bed 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 13.7.13
10				/	0			silt bed - a @ 8cm (0.5cm thick)	
20			N4	/				just end	
30					0				
40									
50				/	0				
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: D Core: 24 Section: CD Top Depth: 0-m

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 -d	JM 13.7.13
10	<u>PAL</u>						13 26	end @ 7-m	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U1419 D Hole: 3H Section: 1 Top Depth: 0-150c

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									JM 13.7.13
10	•				○			just mud w dispersed darks → slight / very subtle color variations	
20	•		N4	/					
30	•		↳						
40	•		10Y						
50	•		4/7	/	○				
60	•							black meta-siltstone? (3←)	
70									
80									
90	•				○				
100	•			/					
110	•								
120	•								
130					○				
140	•								
150	•								

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: D Core: JH Section: 2 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								just mud w. dispersed darks	JH 13.7.13
10					0				
20			10Y 4/2	/					
30			10Y 4/2	/					
40			10Y 4/2	/					
50			10Y 4/2	/					
60			10Y 4/2	/	0				
70				/					
80									
90									
100					0				
110									
120				/					
130					0				
140									
150									

Expedition 341 S. Alaska Margin:

41419

D

3H

3

0-150cm

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								0-8cm: big clast: dark gray/black matrix with reddish-brownish dots	JM 13.7.17	
10			10% 4/2	↑ slight to moderate to high	○			shell fragments @ 11cm, 38cm		
20								- clast from top probably pulled up (high drilling disturbance)		
30										
40										
50										
60					○		ss (64)	→ biostir bearing mud		
70			10% 4/2							
80										
90										
100										
110					○					
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 3H Section: 4 Top Depth: 0-146cm

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								silty mud 0-12cm	JH 13.7.13
10					○				
20			N4						
30									
40									
50					○			silt/sand laminae @ 49cm, ~ 0.8cm	
60									
70			N4					62-97cm: silty/sandy mud	
80				very slight bowing				74-78cm: in-lar shells	
90					○				
100									
110								108-121cm: high drilling disturbance (crack); 4 x 3cm siltstone	
120			N4					shell fragment @ 125cm	
130					○				
140								137-141cm: coarse sand	
150									

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: D Core: 34 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								0-34cm: just mud	JM 13.7.13
10			N4						
20									
30			N4					34-55cm: gravel bearing sand bed	
40			to 10y 4/1				SS (46)	fine to coarse sand	
50									
60									
70									
80			10y 4/1			few horizontal cracks			
90									
100								97-128cm: mud with silt or silty mud	
110								slab metasiltstone?	
120									
130								shell fragments @ 128cm	
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 3A Section: 6 Top Depth: 2-146c

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								Layer of pearl flakes @ 2cm	JM 12.7.13
10									
20			N4						
30			To						
40			to						
50			to						
60			to					black shisty clast	
70			N4						
80									
90									
100									
110									
120									
130									
140									
150									

slight drilling disturb (horizontal cracks)

well-rounded pebble (Ø 3cm) @ 82-84  
sandy (coarse) pod @ 95-97  
shell fragments @ 102

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 3H Section: 7 Top Depth: 0-103c

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 12.7.13
10			N4		0			just mud with dispersed clasts	
20			to						
30			for 4/1						
40									
50					0				
60								65-68c: N3 to N2.5 mud	
70								→ mud (with few forams)	
80					0				
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 3A 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								just mud	JM 13.7.13
10			10% Y/N					14-16: void	
30									
35	<u>PAZ</u>						93 38		
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

U1419

D

4H

1A

24.50m 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 13 2013
0				Spiky (6cm)						
10	foram. bearing mud							9cm sand patch		
20	w/sand							SS20 - foram. bearing mud		
30			10Y 4/1							
40	mud		grad.		none	31-79cm: scattered shell frags.				
50			N4							
60										
70						14 clasts > 2mm		- clasts: basalt, sandstone, siltstone		
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

W419

D

4H

2A

26.00m 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 13 2013
0										
10										
20										
30	mud		N4		none					
40										
50										
60						13 clasts 22mm				
70										
80										
90				Y				65-91: clast void, 1m W42, mod.		
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1419  
Site:

D  
Hole:

4H  
Core:

3A  
Section:

27.45m 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 13 2013
0										
10										
20	mud		NH			2 clasts >2mm				
30										
40			grad		none					
42										
50	mud		10Y 4/1			3 clasts >2mm				
60										
70	sand			sloppy (high)						
76										
80										
90						2 clasts >2mm				
100	mud									
110										
120										
130										
140										
146	END									
150										

Expedition 341 S. Alaska Margin: U1419 D 4H 4A 28.91m 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 13 2013
0										
10										
20	mud		10Y 4/1			3 clasts > 2mm				
30				~~~~~				30-31: crack, mod. => sand bed in crack; mostly gone		
34			grey		none					
40	mud		N4							
50										
60										
70						5 clasts > 2mm 1 shell frag.				
80										
90										
100										
110						7cm siltstone cobble				
120										
130										
140										
147	END									
150										

Expedition 341 S. Alaska Margin:

Site: 0169 D Hole: 3H Core: 52 Section: 0-148  
 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	<u>mud</u>		<u>6/3/2</u>			<u>clasts, shells</u>			<u>KE, 07-13-13</u>
10									
20	<u>o</u>					<u>o</u>		<u>subangular, rounded, 5 cm long</u>	
30								<u>sand pebbles</u>	
40								<u>3 samples</u>	
50									
60							<u>s60</u>	<u>mud, no bio</u>	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419

Hole: D















Core: 4H

Section: 6A

Top Depth: 0-148

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>clasts present</u> <u>7</u>			<u>HB, 07-13-13</u>
10								<u>sandstone, subrounded</u> <u>5.5 cm long axis</u>	
40								<u>6 granules, distributed</u>	
50	 					 			
90									
120	 					 			
150									

Expedition 341 S. Alaska Margin: U1619 D 4H 7A 0-123  
 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	<u>mud</u>		<u>N4</u>			<u>dark fine</u>			<u>HB, 07-13-13</u>
10						<u>g</u>			
20									
30									
40								<u>9 granules</u>	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 4149 D 4H CC 0-36  
 Site: Hole: Core: Section: Top Depth:

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>Wausette Ls</u>		<u>2</u>			<u>HB, 07-13-13</u>
10								<u>2 granules</u>	
30	<u>PAL</u>								
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin: U1419 D 5H 1A 34.00m 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 13 2013
0				SAND + VOIDS = mess. (high)						
10										
20										
30								3cm granite pebble		
40	mud		N4	none		8 clasts > 2mm				
50										
60										
70										
80										
90	silty mud w/ diatoms		10Y 4/2			3 clasts > 2mm				
93-97								thin shell fragments		
100							CS100	silty mud w/ diatoms		
110										
120	mud		N4			3 clasts > 2mm				
130										
140										
144	END									
150										

Expedition 341 S. Alaska Margin: U1419 D 5H 2A 35.44m 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 13 2013
0										
10										
20										
30										
40										
45-48								sand patches, disturbed bed?		
50	mud		N4							
60					none	6 clasts >2mm				
70										
80										
90										
100										
110										
120										
130	mud w/ diatoms		10Y 4/1			2 clasts >2mm				
140										
143	END									
150										

Expedition 341 S. Alaska Margin: U1419 D 5H 3A 36.87m 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: <u>Childress</u>	Date: <u>July 13 2013</u>
0										
10	<u>mud w/ diatoms</u>		<u>10Y 4/1</u>							
20										
30	<u>diatom rich mud</u>		<u>10Y 4/2</u>			<u>absent</u>		<u>SS30 - diatom rich mud</u>		
40										
50					<u>none</u>					
60	<u>mud</u>		<u>N4</u>							
70						<u>6 clasts &gt; 2mm</u>				
80										
90										
100										
110										
120										
130								<u>129-128: crack, med.</u>		
140										
150	<u>END</u>									

Expedition 341 S. Alaska Margin: U1419 D 5H 4A 38.33m 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 13 2013
0										
10								'sparse black mottling throughout		
20										
30	mud		N4		none	4 clasts >2mm				
40				(slight to mud)						
50										
60	sand	N6	N3							
70										
80						8 clasts >2mm				
90	mud		N4							
100								sand patch, 99-101cm		
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 5H Section: 5A 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	mud		N4			present			HB, 07-13-13
10						0 4		4 granules	
20						0			
30						0 0			
40								sand	
47	sand		S4S11				SS4A	sharp	
50	mud		N4			present		sharp	
60									
70						0		osillite pebble, 2 cm long axis, round	
80						0			
90						0		osillite pebble, 1 cm, subang.	
100									
110						0		3 granules	
120								Crack	
130									
140						0			
150									

Expedition 341 S. Alaska Margin: U1419 D SH 6A 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	<u>mud</u>		<u>N4</u>						<u>HB, 07-13-13</u>
6	<u>ash</u>		<u>10Y7/1</u>				<u>SS9</u>	<u>sharp</u>	
10	<u>mud</u>		<u>N4</u>				<u>0 2</u>	<u>sharp</u> <u>ash</u>	
20									
30									
40									
50	<u>o</u>					<u>o</u>		<u>sandstone pebble, subrounded,</u> <u>3 or 4 long axis,</u>	
60									
70									
80									
90							<u>SSB</u>	<u>mud, no bio.</u>	
100								<u>sharp</u> <u>sand, 5Y5/1</u> <u>sharp</u>	
<u>103</u> <u>104</u>	<u>mud</u>		<u>N4</u>			<u>pres +</u> <u>2</u>			
110									
120									
130									
140	<u>o</u>					<u>o</u>	<u>o</u>		
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 5H Section: 7A Top Depth: 0-119

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>N4</u>			<u>6</u>			<u>HB, 07-13-13</u>
10									
20	<u>o</u>					<u>o</u>		<u>6 foraminifera</u>	
30									
40	<u>o</u>					<u>o</u>			
50									
60	<u>o</u>					<u>o</u>			
70	<u>o</u>					<u>o</u>			
80									
90									
100									
110	<u>o</u>					<u>o</u>			
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1419 D SH CC 0-37  
 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	<u>mud</u>		<u>N4</u>						<u>AB, 07-13-13</u>
10									
20									
30									
35	<u>PAL</u>								
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U1419

Hole: D

Core: BH

Section: 1A

Top Depth: 46.60m CSF-A

Major Lithology: GRAVEL

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 13 2013
0				void						
10	mud			SPC OS (mod.)		absent				
29	gravel									
30				SPC OS (high)	none					
40			N4			many clasts				
50	muddy gravel			D-O-S (slight mod.)						
54						shell				
67										
82										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1419  
Site:

D  
Hole:

9H  
Core:

1A  
Section:

47.40m CSF-A  
Top Depth:

Major Lithology: MUD

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, <del>clasts</del> , etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: July 13 2013
0										
10										
20										
30										
35	mud		N4	no disturb. (mod. to high)	none					
40						4 clasts > 2mm				
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
147	END									
150										

Expedition 341 S. Alaska Margin: U1419 Site: D Hole: 9H Core: 2A Section: 4B.87m 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 13 2013
0										
10										
20				CRACK (slight)						
30										
40	mud		N4		none	(3 clasts > 2mm)				
50										
60										
70										
80										
90				CRACK (slight)						
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 9H Section: 3A 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>clasts</u>			<u>AB, 07-13-13</u>
10									
20									
30									
40	<u>○</u>					<u>○</u>		<u>ossillite, pebble, 3cm, angular</u>	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Sub-in lens

Expedition 341 S. Alaska Margin:

Site: WH19 Hole: D Core: 9H Section: 4A 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	<u>mud</u>		<u>N4</u>			<u>clasts</u>			<u>HB, 07-13-13</u>
10									
20									
30									
40									
50									
60									
70	◊							<u>argillite, 3 cu, angular</u>	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 9H Section: 5A Top Depth: 0-76

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

suck-in, loss

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 9H Section: 6A Top Depth: 0-79

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		10Y4/1						AB, 07-13-13
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U149 Hole: D Core: 9H Section: 7A Top Depth: 0-98

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

suck-16 heavy



Expedition 341 S. Alaska Margin:

V1419  
Site:

D  
Hole:

10H  
Core:

1A  
Section:

55.50m 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:	Date:
									Childress	July 13 2013
0										
10										
20										
30										
40	mud		N4	SPCOS (mod.)	none	9 clasts > 2mm		sparse black mottling		
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 D 10H 2A 56.95m 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 13 2013
0	mud		N4			none		0-38: sparse black matting		
10										
20	10-20: silty mud					1 clast > 2mm	SS20	16-18: gravel patch silty mud; no bio		
30			10Y 4/2							
40					none			silt laminae 33, 36cm		
50	mud		N4			8 clasts > 2mm				
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 D 10H 3A 58.40m 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 13 2013
0										
10						1 shell frag.				
20	mud				none	1 clast > 2mm		sand lamina? @ 11, 15cm → disturbed		
30										
36										
40	inter-bedded silt. mud	NG	N4 (silt=5x4/1)		slight	2 clasts > 2mm		~ 8 silt laminae, normal graded (some), w/ mud up to 6cm thick		
50										
60										
68										
70										
80	mud				none	6 clasts > 2mm		black mottling		
90										
100										
110										
120				CRACK (slight)				thin lam. silt @ 124, 126cm		
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: 11419 D Hole: 10H Core: 4A Section: 0-147 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		N4			present ( $\langle \rangle$ ) 2 0		argillite clast 3cm in WH1 argillite, 1cm, auger bar	HB, 07-13-13
10									
20	o					o			
30								gradational	
35	mud		107 3/2				3		
40									
45	o					o			
50									
55						o			
60									
65									
70	o								
75									
80									
85									
90									
95									
100	o					o			
105									
110								gradational	
115									
120	mud						1 stb	silty mud	
125	o					o			
130									
135									
140			107 1/2						
145									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 10H 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	<u>mud</u>		<u>10Y4/2</u>						<u>HB, 07-13-13</u>
10									
20								<u>sharp</u>	
30	<u>mud</u>		<u>10Y4/1</u>					<u>sharp</u>	
40	<u>mud</u>		<u>5.5Y3/1</u>				<u>SS33</u>	<u>diatom mud</u>	
50									
60									
70									
80	<u>mud</u>		<u>N4</u>					<u>gradational</u>	
90									
100									
110									
120									
130									
140									
150			<u>N4</u>						

Expedition 341 S. Alaska Margin:





Site: U1419 Hole: D Core: 10H Section: 6A Top Depth: 0-73

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>10Y4/1</u>			<u>poor. 3</u>			<u>AB, 7-13-13</u>
10									
20									
30	<u>o</u>					<u>o</u>			
40								<u>granules</u>	
50									
60									
70	<u>o</u>					<u>o</u>			
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1413 D 10H CC 0-45  
 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	<u>mud</u>		<u>N4</u>						<u>AB, 07-13-13</u>
10									
20								<u>sandstone, 6 cm, long axis subrounded</u>	
30									
40	 <u>VOID</u>								
45	<u>PAL</u>								
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: D Core: 11H Section: 1A Top Depth: 63.00m 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:	Date:
									Childress	JULY 13 2013
0										
10										
20										
30										
40	mud				none	6 clasts > 2mm	SS40	mud, no bio		
50			N4							
59	inter-bedded silt & mud	NG	silt = 5Y3/1		slight	absent		~ 5 coarse silt laminae, normally graded, gradational upper, w/ mud up to 3cm		
74										
80					none					
90	mud					3 clasts > 2mm				
100										
110										
117	END							silt lamina @ 41.5cm		
120										
130										
140										
150										



Expedition 341 S. Alaska Margin:

U1419

D

11H

2A

64.17m 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	July 13 2013
0	inter-bedded silt & mud				slight	absent		~3 coarse silt lam. normal grad, grad. upper contacts, mud upto 2cm thick		
8										
10										
20	mud		LT			3 clast >2mm				
30					none					
40										
44										
50										
60	inter-bedded silt & mud							~27 silt lamina; very thin bedded, normal grad. grad. upper contacts, mud up to 6cm		
70					slight	4 clast >2mm				
80										
90										
100										
110										
116										
120	muddy silt				none	absent		SS122 - sand (fine) w/ forams		
130										
140										
146	END									
150										

Expedition 341 S. Alaska Margin: 11419 D 11H 3A 65.63m 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: <u>Childress</u>	Date: <u>July 13 2013</u>
0	<u>muddy silt (irregular) mud</u>		<u>N3</u>		<u>slight</u>	<u>absent</u>				
10			<u>N4</u>			<u>2 clasts &gt; 2mm</u>				
20	<u>mud w/ silt</u>	<u>PATACHES</u>		<u>IRREGULAR</u>		<u>5 clasts &gt; 2mm</u>				
30								<u>- silt patches from suck in</u>		
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: D Core: 11H Section: 4A Top Depth: 0-148

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						AB, 07-13-13
10	w. silt								
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 11H Section: SA 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, 7-13-13
10	mud w. O salt		N4			0		argillite, 2.5 cm, rounded	
40	0					0		sandstone, 4 cm, w WH!	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 11H Section: 6A Top Depth: 0-147

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

suct - w, heavy

Expedition 341 S. Alaska Margin: UM19 J 11# 7A 0-110  
 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	<u>mud</u>		<u>Ns</u>						<u>HB, 07-13-13</u>
10	<u>w. silt</u>								
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

swd-w, heavy

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 11H Section: CC Top Depth: 0-25

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>AB</u> 07-13-13
10	<u>w. silt</u>			<u>smud-16</u>					
20	<u>PAL</u>								
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 12H Section: CC-A Top Depth: 72.50m CSF-A

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 13 2013
0										
10	mud		N4	mk - r (muscos (mod.))	none	3 clasts >2mm				
24										
29	PAL						PAL			
30	END									
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										



Expedition 341 S. Alaska Margin: U1419 D 14H 1A 73.70m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud w/ abundant clasts 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 13 2013
0										
10										
20										
30								(basalt) clasts include: volcanic, siltstone, argillite + others		
40	silty mud w/ abundant clasts		N4		none	present				
50								-cracks @ 43, 116 cm -disturbed from splitting w/ wire		
60										
70										
80										
90										
100								2590 - silty mud		
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 Site: D Hole: 14H Core: 2A Section: 75.10m CSF-A Top Depth:

Major Lithology: Mud w/ Abundant clasts 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 13 2013
0										
10										
20	Mud w/ abundant clasts		N4		none	present		clast include: siltstone, sandstone, argillite + others (likely) buried		
30								cracks @ 63, 66, 50, 72cm		
40								-disturbed from splitting w/ wire		
50										
60										
70										
80										
90										
100										
110										
120										
130										
140	END									
150										

Expedition 341 S. Alaska Margin: U1419 D 14H 3A 76.50m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud w/ Abundant clasts 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 July 13 2013
10									
20								SS17 - mud, no bed	
30	mud w/ abundant clasts		NH		none	present		clasts include: granite, siltstone, argillite	
40								-disturbance from splitting w/ wire	
50									
60									
70									
80									
90									
100									
110									
120	END								
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U149 Hole: D Core: HH Section: 4A 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 w. abund. clasts</u>		<u>N4</u>					<u>clasts, sandstone, asphillite, basalt</u>	<u>HB, 07-13-13</u>
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U4B J 14H 5A 0-88  
 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	mud w. chert clasts		N4						HR, 07-13-13
10									
20								granitoid (no Kf)	
30								sandstone	
40								siltite	
50								basalt	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 14H Section: CC Top Depth: 0-20

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

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 15H Section: 1A Top Depth: 80.10m CSF-A

Major Lithology: 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: July 10 2013
0										
10										
20										
30										
40										
50										
60										
65	mud		N4		none	8 clasts > 2mm				
70										
80										
90										
95	diatom rich mud		10Y 4/2							
100						present (< 2mm)				
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 15H Section: 2A Top Depth: 81.50m CSF-A

Major Lithology: DIATOM RICH MUD Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, casts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	July 13 2013
0										
10										
20	diatom rich mud									
30							SS30	diatom rich mud		
40										
50										
60			10Y 4/2		none	absent				
70										
80										
90										
100	END									
110										
120										
130										
140										
150										



Expedition 341 S. Alaska Margin:

U1419  
Site:

D  
Hole:

15H  
Core:

3A  
Section:

82.49m CSF-A  
Top Depth:

Major Lithology: Diatom Rich 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 13 2013
0										
10										
20	Diatom Rich Mud									
30										
40										
50										
60			10Y 4/2		none	absent				
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 Site: Hole: D Core: 15H Section: CC-A Top Depth: 83.49m CSF-A

Major Lithology: Diatom Rich 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 13 2013
0	Diatom Rich MUD		lv. 4/2	DRILLING DISTURBANCE (C-F)	none	absent				
12	PAL						PAL			
17										
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 16H Section: 1A 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		N4			rust			AB, 07-13-13
10								6 granules	
20									
30									
40									
50									
60									
70									
80									
90									
100								sandstone, 1.5 cm, w WH1	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 16H 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	<u>mud</u>		<u>10Y4/1</u>			<u>forcent</u> <u>5</u>			<u>HB, 07-13-13</u>
10									
20	<u>o</u>					<u>o</u>	<u>SSB</u>	<u>mud, trace of diatom</u>	
30									
40									
50									
60	<u>o</u>					<u>o</u>		<u>4 granules</u>	
70									
80									
90	<u>o</u>					<u>o</u>		<u>shell fragment</u>	
100									
110	<u>o</u>					<u>o</u>		<u>sandstone, 1.5 cm, subrounded</u>	
120	<u>o</u>					<u>o</u>			
130	<u>o</u>					<u>o</u>		<u>shell fragment</u>	
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 16H Section: 3A Top Depth: 0-106

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		10/3/11			0	1		HB, 07-13-13
10	Mud								
20									
30									
40									
50									
60									
70									
80									
90									
93								still fragment	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 16H Section: 4A Top Depth: 0-82

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>10Y3/1</u>						<u>AB, 07-13-13</u>
10									
20									
30									
40									
50									
60									
70							<u>ss74</u>	<u>diatom-bearing mud</u>	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: D Core: 16H Section: CC Top Depth: 0-28

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		10Y4/1						HB, 07-13-13
10									
20									
23	PAL								
28									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 1149 Site: D Hole: 17H Core: 1A Section: 89.50m CSF-A  
 Top Depth:

Major Lithology: SANDY CLAST-POOR DIAMICT Minor Lithology: MUDDY CLAST RICH DIAMICT

Offset (cm)	Lithology	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 13 2013
0										
10										
20										
30										
40								clasts: siltstone, volcanics (basalt), mudstone, sandstone, quartz, diorite		
50	sandy clast-poor diamict		N4		none	present everywhere.	SS44	muddy sand		
60										
70										
80										
90										
100										
110	muddy clast-rich diamict		N3					clasts: mudstone, siltstone, quartz, greenstone		
120										
130										
140							SS140	silty mud		
143	END									
150										



Expedition 341 S. Alaska Margin: U1419 Site: D Hole: 17H Core: 2A Section: 20.93m CSF-A  
 Top Depth:

Major Lithology: Muddy clast rich 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:
									<u>Childress</u>	<u>July 13 2013</u>
0										
10										
20										
30	<u>muddy clast-rich diamict</u>		<u>N3</u>		<u>none</u>	<u>present</u>		<u>clasts: mudstone, siltstone, granite, argillite, sandstone, volcanics, quartz, greenstone</u>		
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

V149

D

17H

3A

92.33m CSF-A

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:
									Childress	July 13 2013
0										
10										
20	muddy clast-rich diamict		N3		none	present		- clasts: sandstone, granite, greenstone, siltstone, argillite		
30										
40										
50										
60										
70										
76	END									
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 D 17H CC-A 93.09m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Muddy, clast rich 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: Childress	Date: July 13 2013
0										
10	Muddy clast-rich diamict		N3		none	present		- clasts: volcanics, siltstone, sandstone, quartz, granitoid		
20	PAL						PAL			
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: 01419 Hole: D Core: 18H Section: 1A Top Depth: 0-141

Major Lithology: clay and muddy diamicite 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	muddy clast rich diam.		N4					sandstone <del>    </del> basalt <del>    </del> quartzite <del>  </del> granitoid <del>  </del> granite <del>    </del> dirt <del>    </del> siltstone <del>    </del>	AB, 07-13-13
10									
20									
30									
40							SS41	muddy silt w. sand	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 18A Section: 2A Top Depth: 0-143

Major Lithology: dark red muddy diatom 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					siltstone III III	WB, 07-13-13
10								clay III	
20								sandstone III	
30								granite III II	
40								basalt II	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U419 Hole: D Core: 18H Section: 3A Top Depth: 0-144

Major Lithology: dark-red muddy 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			N4					granite III	UB, 07-13-13
10								sandst. III III	
20								siltstone III III	
30								basalt II	
40								chert II	
50								quartzite I	
60								greywacke I	
70								gneiss I	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: 18H Section: CC Top Depth: 0-26

Major Lithology: last 1/2 muddy 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			N4					graywacke II Suess I Granite I Siltstone III	HB, 7-13-13
20									
25									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419  
Site:

D  
Hole:

19H  
Core:

1A  
Section:

97.90m CSF-A  
Top Depth:

Major Lithology: Mud w/ Dispersed Clasts

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 13 2013
0										
10								Crack @ 12cm, mael.		
20	silty mud w/ dispersed clasts		N4		none	2 clasts > 2mm (1.2cm - largest)				
30				VOID (ish) (mod. to high)				- clasts include: siltstone, sandstone, greenstone, argillite, quartz.		
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										



Expedition 341 S. Alaska Margin: U1419 D 19H 2A 99.35m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD w/ DISPERSED CLASTS 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 13 2013
0										
10										
20	silty mud w/ dispersed clasts		N4	VOID	none					
30				crack		14 clasts >2mm				
40								clasts include: siltstone, quartz, granitoid, greenstone (volcanic), sandstone		
50										
60										
70										
80							SS80	silty med		
90										
100										
110										
120										
130										
140										
144	END									
150										

Expedition 341 S. Alaska Margin: U1419 Site: D Hole: 19H Core: 3A Section: 100.79m CSF-A Top Depth:

Major Lithology: Mud w/ Dispersed Clasts 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>July 13 2013</u>
0										
10										
20	<u>silty mud w/ dispersed clasts</u>		<u>N4</u>		<u>none</u>	<u>ll clasts &gt; 2mm</u>		<u>clasts include: siltstone, sandstone</u>		
30										
40										
50										
60										
70										
80										
90										
100	<u>END</u>									
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

W1419

D

19H

4A

101.81 m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: MUD w/ DISPERSED CLASTS

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 13 2013
0										
10	silty mud w/ dispersed clasts		NH		none	7 clasts >2mm				
20								clasts include: siltstone, volcanics, argillite		
30										
40				VOID						
50										
60										
70										
73	END									
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U149 Hole: D Core: 20 Section: 1A Top Depth: 0-144

Major Lithology: dark red waddy diammct 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	↙		N3					basalt III sandst III argillite <del>II</del> siltstone <del>III</del> vein qtz III chert II granite II	HB, 07-13-13
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U419 Hole: D Core: 20 Section: 2A Top Depth: 0-146

Major Lithology: clay-rich muddy 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	✓		N3					argillite IIII granite II siltstone III sandst. II basalt III	#0,07-13-13
10									
20									
30									
40									
50									
60									
70									
80							ssfo	mud, no bio	
90									
100									
110	VOID								
120						shell fragments			
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419 D 20 3A 0-105  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: *last red muddy 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			N3						HB, 07-13-13
10								argillite III	
								siltst. III	
								basalt III	
20								vein qtz II	
								granite III	
								siltst. II	
30								concret III	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U149 Hole: D Core: 20 Section: 4A Top Depth: 0-77

Major Lithology: clst. in sandy diorite 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			N3					sands 1. <del>11</del>	AB, 07-13-13
10								argillite 11	
20								siltst. 11	
30								granite 11	
40								diorite 1	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: D Core: Zo Section: CC Top Depth: 0-18

Major Lithology: clast. rich muddy 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			N3					greywacke   argillite   granite   siltstone	AB, 07-13-13
10									
20	PAC								
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin: U1419 D 23H 1A 108.40m CSF-A  
 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: <i>Chil dress</i>	Date: <i>July 13 2013</i>
0				<i>CRACKS (slight channel)</i>						
10										
20										
30										
40										
50	<i>sandy clast poor diamict</i>		<i>N4</i>		<i>none</i>	<i>present</i>		<i>clasts include: argillite siltstone, volcanics (greenstone), quartz, granitoid, sandstone etc. up to 1.5cm</i>		
60										
70										
80							<i>SS80</i>	<i>silty mud</i>		
90										
100										
110										
120	<i>muddy clast-rich diamict</i>		<i>N3</i>					<i>clasts include: granitoid, volcanics (greenstone), sandstone, siltstone up to 3cm</i>		
130							<i>SS136</i>	<i>conglomerate w/ contact @ 132cm mud, no bio</i>		
140	<i>END</i>									
150										

Expedition 341 S. Alaska Margin: U1419 D 23H 2A 109.82m CSF-A  
 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:
									Childress	July 13 2013
0										
10										
20										
30	muddy clast-rich diamict		N3		none	present		- clasts include: granitoid, siltstone, volcanics (greenstone, etc), quartz, argillite, sandstone up to 2.5cm.		
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140	END									
150										

Expedition 341 S. Alaska Margin:

U419

D

234

3A

0-120

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: muddy, clay - poor diamicton

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	↙		N3					granite 1 siltst. 11 sandst. 1 argillite 111 vein qtz 1 basalt 1	#B, 07-13-13
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419

D

23H

4A

0-66

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

muddy clay-siltstone

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			N3					argillite II	HB, 07-13-13
10								siltst II	
20								basalt I	
20								sandst I	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 D

Hole: 23H

Core: CC

Section: 0-13

Site: U1419 D

Hole: 23H

Core: CC

Section: 0-13

Major Lithology: muddy, dark-poor diatom 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			N3					as white // siltstone	AB, 07-13-13
10	PAL								
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1419 D 24H 1A 0-60

Site: U1419 Hole: D Core: 24H Section: 1A Top Depth: 0-60

Major Lithology: muddy clay-poor 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			<u>N3</u>	<u>mussel-like frags</u>					<u>AB, 07-13-13</u>
10									
20									
30									
40									
50	<u>VOID</u>								
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 D Hole: 24H Core: CC Section: 0-45 Top Depth:

Major Lithology: clast-poor muddy 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			N3					siltst II	HB, 07-13-13
10								argillite III	
20								basalt II	
25								granite I	
45	<hr/>								
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									