

Expedition 341 S. Alaska Margin:

U1419

A

14

1A

DL  
0-149

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 5/1					0-150	HF 10/Jul/13
10								* diatom ooze * scattered black mottles	
20									
30									
40									
50									
60							SS (60)	diatom-ooze (20% ss lt)	
70									
80					slight				
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U149

A

1H

2A

DC  
0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			gray 5M					0-145	
10								* decton ooze;	
20								* scattered black mottles	
30									
40									
50									
60									
70									
80					light				
90									
100									
110									
120									
130									
140									
150								145-150: 1W	

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 3H Section: 3A Top Depth: 0-150 DL

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			gray silt					0-150	JK 10/Jul/13
10								* diatom ooze	
20								* scattered black mottle	
30									
40									
50									
60									
70									
80					slight				
90									
100									
110									
120									
130							SS (130)	diatom ooze (incl. shell fragments, all silicic. & calc. frags)	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 101419 A Hole: 1H Core: 4 Section: 0-144c  
 Top Depth:

Major Lithology: med Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 10.7.13
10			10Y 5/1					med with few black nodules	
20				(				crack (very slight) @ 2727c	
50					slight				
60			10Y 5/1	)				67-70 - slight crack	
110			5Y 4/2						
120							SS (123)	diatom ooze (mainly diatom)	
140			10Y 5/1						
150	1W								

Expedition 341 S. Alaska Margin:

Site: 41419 A Hole: 1H Core: 5 Section: 0-125c Top Depth:

Major Lithology: M-d

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								0-38cm: mud with few black wottles	JM 10.7.13
10			10Y 5/1	0	0			sight laminations	
20									
30									
40			10Y 3/1					38-42cm fine to medium sand	
50								last @ 52cm, subrounded, $\phi$ 1cm	
60								mud with veg. few black wottles	
70			N4	0	0				
80									
90							SS (30)	30% silt, 70% clay	
100								<u>mud</u>	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1719 Hole: A Core: 1H Section: CC Top Depth: 0-12cm

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 10.7.13
10	<u>Mud</u>		<u>N4</u>		<u>0</u>			<u>mud</u>	
18	<u>PAL</u>						<u>12</u> <u>17</u>		
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 111419 Hole: A Core: 2H Section: 1A Top Depth: 0-150

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	diatom ooze		10Y4/1						48, 07-10-13
10									
20									
30							SS30	diatom ooze + sandy + foraminifera	
40									
47.5									
50	sand		10Y3/1				SS50	foraminifera sand	
54.5	mud		10Y2.5/1						
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11619 Hole: A Core: 2H 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>N4</u>			<u>fragments</u>			<u>JB, 07-10-13</u>
10	<u>o</u>					<u>o<sub>1</sub></u>		<u>fine</u>	
20								<u>1-2. argillite, subrounded</u>	
30									
40	<u>o</u>					<u>o<sub>2</sub></u>		<u>3cm</u>	
50									
60	<u>o</u>					<u>o<sub>3</sub></u>		<u>sandstone, 2.5 cm, rounded</u>	
70									
80									
90	<u>o</u>					<u>o</u>		<u>very sandstone, rounded 3 cm</u>	
100	<u>o</u>					<u>o</u>		<u>sandstone, 3 cm, rounded</u>	
110									
120									
130									
140									
150	<u>lw</u>								



Expedition 341 S. Alaska Margin:

Site: 1149 Hole: A Core: 2H Section: 3A Top Depth: 0-151

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

Offset (cm)	Lithology	Sed. Structures	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>sed</u>		<u>N4</u>			<u>present</u> <u>h</u>			<u>JB, 07-10-13</u>
10								<u>4 grains</u>	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U149 A 2H 4A 11.90m 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 10 2013
0										
10				see note		12cm-mete siltstone				
20	mud w/silt		10Y4/1	none		21cm-shell		21cm-veined argillite metasiltstone (~3cm) 24cm-shell fragment		
30										
40						11 dashes > 2mm				
50				(slight) to med.)						
60										
70										
80										
90										
100										
110										
120										
130										
140						140-shell fragment				
150	IW						IW			

Expedition 341 S. Alaska Margin: U1419 A 2H 5A 13.40m CSF-A  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, <del>clasts</del> , etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: July 10 2013
0								rhizone sampling disturbance (cracks: 25, 76, 127 cm)		
10				see note						
20						23				
30	mud w/silt		N4		none					
40				Y-P-C-O-S						
50				(slight to mod)		46				
60						59 60 63				
70						68 72				
80								SSB - mud; with silt Crn: bio		
90						86 87 93				
100						102				
110										
120										
130						125				
140										
150										

Expedition 341 S. Alaska Margin: ur419 A 2H 6A 14.90m 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 10 2013
0								rhizone sampling cracks @ 26, 77 cm		
10				see note						
20	mud w/silt		N4		none					
30				S O S		9 clasts 72mm				
40				U P Y						
50				(slight) to mod.						
60										
70										
80										
90										
100										
110										
120										
130										
136	IW						IW			
141	END									
150										

Expedition 341 S. Alaska Margin: U1419 A 2H 7A 16.31m 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: Childress	Date: July 10 2013
0										
10										
20										
30	mud w/silt		N4	(slight to mod) SCLY	none	9 clasts 72mm		rhizone cracks @ 26cm		
40										
50										
60										
70	END									
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 A ZH CC-A 17.02m 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:
0									
0-10	Mud w/ silt		N4	COCOON (mod.)	none	3 clasts > 2mm			
10-15	PAL						PAL		
15-20	END								
20-30									
30-40									
40-50									
50-60									
60-70									
70-80									
80-90									
90-100									
100-110									
110-120									
120-130									
130-140									
140-150									

Expedition 341 S. Alaska Margin:

Site: U149 Hole: A Core: 3A Section: 1A 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>grey</u>			<u>porosities</u> <u>2</u>			<u>AB</u> , 07-10-13
10									
20									
30	<u>0</u>					<u>0</u>		<u>granule, argillite</u>	
40									
50									
60	<u>0</u>					<u>0</u>		<u>granule, argillite</u>	
70									
80									
90									
100									
110									
120									
130							<u>SS/B0</u>	<u>mud w. distoncs.</u>	
140									
150									

Expedition 341 S. Alaska Margin:

Site: V1419 Hole: A Core: 3A Section: 2A Top Depth: 0-150

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	und		10731,						HB, 07-10-13
10								shells, fragmented	
20								shells, fragmented	
30								shells, fragmented	
40								argillite pebbles, 2 cu, rounded	
50									
60									
70									
80									
90									
100								argillite pebbles in 2A!	
110								sandstone clast, subrounded, 2 cu	
120									
130									
140									
150	1W								



Expedition 341 S. Alaska Margin:

Site: 11219 Hole: A Core: 3H Section: 3A Top Depth: 0-150

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>present</u>			<u>HB, 07-10-13</u>
10									
20									
30									
40									
50									
60								<u>granite</u>	
70	<u>o</u>					<u>o</u>		<u>metasandstone clast, 2cm, sub- rounded</u>	
80	<u>o</u>					<u>o</u>		<u>argillite, 2cm, rounded</u>	
90									
100	<u>o</u>					<u>o</u>		<u>granite</u>	
110	<u>o</u>					<u>o</u>		<u>sandstone clast, 2cm, subangular in WH!</u>	
120									
130									
140									
150	<u>sand</u>						<u>col/16</u>	<u>fine grained sand</u>	

Expedition 341 S. Alaska Margin: U1419 A 3A 4A 21.40m C3F-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud w/ Diatoms Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, <del>plastic</del> , etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	July 10 2013
0										
10								rhizone cracks @ 41cm		
20										
30										
40				S L O S P L Y (slight)		9, >2mm				
50										
60	mud w/ diatoms		10Y 4/1							
70						69		70-73: sand patch		
80						75		very thin shell frags.		
90						70				
100										
105										
110										
115	mud		N4			2, >2mm				
120										
130										
140										
145										
150	1W						1W			

Expedition 341 S. Alaska Margin: U1419 Site: A Hole: 3H Core: 5A Section: 22.90m 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 10 2013
0										
10										
20	mud		N4		none					
30				slight						
40										
50						15, >2mm				
60						57- shell frag.				
70								71-73, 77-78cm: ash patches; N7		
80										
90										
100						97- shell frag.				
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: 11419 A 3H 6A 24.40m 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 10 2013
0								rhizome crack @ 41, 117cm		
10	mud		N4							
20										
30						7, >2mm				
40										
50										
60					none					
70										
80										
90										
100										
110										
120						119-shell frag.				
124			grad.							
130	diatom. mud		10Y 4/2			2, >2mm		128-132: shell fragments		
								SS/B6 diatom-bearing mud		
139			grad.							
140	mud		N4			1, >2mm				
145	IW						IW			
150										

Expedition 341 S. Alaska Margin: 11419 A 3H 7A 25,90m 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 10 2013
0										
10										
20	mud		N4	✓	none			void (clast): 24-28, slight to med.		
30						Ø, 72mm				
40										
50								49-54cm green sandstone		
57	S.S.									
60	END									
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 Site: A Hole: 3H Section: CC-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 10 2013
0	mud		N4	SOOPY at 14	none	3, >2mm					
10											
13											
18	PAL						PAL				
20											
30											
40											
50											
60											
70											
80											
90											
100											
110											
120											
130											
140											
150											

Expedition 341 S. Alaska Margin:

U1419

A

5H

CC-A

35.90m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: SANDSTONE

Minor Lithology:

Offset (cm)	Lithology	Sed. 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 10 2013
0	sandstone PAL		lob 4/1		none	absent				
1										
2										
10								-only one piece of sandstone recovered ↳ part of larger rock? -greywacke?		
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

41419 A 6H 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								0-150	KF 11/Jul/13
10			gray					* mud with dispersed clasts	
20								* VERY scattered black mottles (< 2 mm)	
30								siltstone, subangular	
40								siltstone, subangular	
50									
60									
70									
80								greenstone (?) subangular	
90								siltstone, subrounded	
100								greenstone, subangular	
110								siltstone subrounded	
120									
130	VOID								
140									
150									



Expedition 341 S. Alaska Margin:

U1419

A

6H

2A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									PF 11/Jul/13
10			10y 4/1					0-145 * mud w/ dispersed clasts * <u>VERY</u> scattered black mottles (< 2 mm)	
20									
30									
40								greywacke(?), SA siltstone, SR siltstone, SR	
50									
60								siltstone, SR	
70									
80									
90								greywacke(?), SA	
100								metasediment with quartz vein, SA	
110									
120								empty	
130									
140								metasediment(?), SA	
150									IW 145-150

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 6H Section: 3A Top Depth: 0-150

Major Lithology: .....

Minor Lithology: .....

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									IF 11/Jul/13
10								<p><u>0-150</u>                      * mud with dispersed clasts                      X no black matter visible</p>	
20	VOID							quartz, SA	
30								granitoid, SA-angular argillite(?), SA	
50	VOID							siltstone, SR	
70								2. siltstone s, SA-SR	
90								siltstone, SA	
100								greenstone, SR	
120								greenwacke(?), SA	
130								siltstone, SA siltstone, SR	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41K19 A Hole: 6A Core: 4 Section: 0-148cm  
 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								sandy mud with dispersed clasts	JM 11.7.13
10								- black wottles	
20			N4	0				- clasts include mainly black red-oxidizing & greenstone pebbles/granules	
30	void			X				32-34 - void	
40									
50					SS				
60				0					
70									
80								83-88 - oversized siltstone clast (~5 x 3cm) with Qz-vein	
90									
100			N4						
110									
120				0					
130								125-131cm: oversized green/red igneous rock (with quartz)	
140							SS (140)	→ sandy mud	
150							148		

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: A Core: 6H Section: 5 Top Depth: 0-155cm

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 11.7.13
10								mud with dispersed clasts - very few black mottles - sandy mud	
20									
30									
40			N4						
50								crack @ 52 cm (slight)	
60								crack @ 64 cm (slight)	
70									
80								mud @ 83-84 cm (moderate)	
90									
100								crack @ 100-102 cm (light)	
110								108-145cm = mud with biogenic components	
120			N4					cracks @ 119-120 cm (moderate)	
130									
140							SS (134)	mud with biogenic silica (biogenic comp.)	
150			N4						

Expedition 341 S. Alaska Margin:

Site: h1419 Hole: A Core: 6H Section: 6 Top Depth: 0-151cm

Major Lithology: h-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								sandy mud with dispersed clasts	JM 11.7.13
10								- few black nodules	
20									
30								25-31 cm: slightly sandier interval	
40			N4						
50				slightly bounding					
60					slightly				
70									
80								79-83 cm: sandy diamicton patch clast-rich	
90									
100								95-102 cm: crack (light)	
110									
120			N4						
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 A Hole: 6H Core: CC Section: 0-17c  
 Top Depth:

Major Lithology: med Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
									<u>JM 11.7.13</u>
0								<u>silty (sandy mud with siltstone nodules)</u>	
10			<u>NK</u>	<u>    </u>				<u>crack @ 13c (slight)</u>	
20	<u>DAL</u>						<u>17-23</u>		
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: A - Core: 8H Section: 1A Top Depth: 0-155

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	mouse heavy?				0-155: (ss 41) * massive mud (with diatoms) * 10% sand (sc 41) * color banding N4 - 10y 4/1 * sand & mud patches * limestones (< 1 cm) * sand laminae & 1 bed with erosive lower boundaries; continuous & discontinuous * some black mottles	MF 10/jul/13
10									
20									
30									
40									
50									
60								ss: 112: mud	
70									
80									
90									
100									
110									
120									
130									
140									
150									

moderate to high

Expedition 341 S. Alaska Margin:

U-1419

A

84

2A

0-153

DL

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						MF 10/27/13
10					mod.			0-13 * as section 1	
20								13-47	
30					light			* interbedded fine sand & mud * partly silt; * graded * some lower, sharp upper boundaries	
40								* limestones (< 1 cm) * 13 laminae & beds (max. 3.5 cm) * spacing ~ 2 cm - ~ 4 cm	
50			10y 4/1					47-153	
60								* massive mud * black mottle * granule limestone	
70					moderate				
80									
90									
100									
110									
120									
130									
140									
150							1W	148-153: Sample 1W	



Expedition 341 S. Alaska Margin:

U1419

A

8H

3A

0-155

DL

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			log 4/1					0-70:	JF 10/Jul/13
10								* mud	
20								* black mottles	
30								* limestone	
40								* gradational lower boundary	
50									
60									
70								70-113.5	
80					mod. - high			* diatom ooze with fine sand laminae & silt laminae (2p/s)	
90								* few black mottles	
100			57 4/1					113.5-118.5	
110								* marl mud	
120			N4					118.5-120.5	
130			log 4/1					* volcanic clastic bearing silt	
140								120.5-145.5	
150			N4		high			* as 0-70	
								145.5-155	
								* see top of section 4; mud like black mottles	
								~ 117: pelitic of metasediment, shale with plication?	

Expedition 341 S. Alaska Margin:

Site: L1419 A Hole: 8H Core: 4 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									JM 10.7.13
10			N4					clasts @ 4, 7, 15, 18, 27, 28.5, 35, 39, 63, 91, 106, 119, 128, 129, 130, 138, 141, 145	
20				(horizontal) gas exp. voids (0.5-1cm)				clayey mud with - few star tubes	19
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150							1W	152-157: 1W	

Expedition 341 S. Alaska Margin:

Site: 41419 A Hole: PH Core: 5 Section: 0-155c  
 Top Depth:

Major Lithology: u-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 10.7.13
10								ca. 12 cm, sub-angular pebble, $\phi$ 4 cm black calcareous sediment	
20								clasts @ 20, 23, 24	
30								clast @ 30 cm, $\phi$ 2 cm 32, 44,	
40								sed with few black nodules, (clayey - u-d)	
50									
60									
70									
80									
90									
100								clast @ 100 cm, $\phi$ 4 cm, shell calcareous sediment	
110								shell fragments @ 110 cm	
120									
130								clast @ 128-131 cm, $\phi$ 4 cm, black calcareous sediment, 134 cm, $\phi$ 2 cm, shell calcareous sediment	
140									
150								greenstone $\phi$ 1 cm @ 151 cm	

Expedition 341 S. Alaska Margin:

Site: 41419 A Hole: PH Core: 6 Section: 0-152c Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 10-7-73
10			5Y					4-10 (clayey) interbedded with sand - few black oolites	
20			4M					10-25 cm - layers of silt & very fine sand, sharp lower boundaries, well sorted	
30									
40			N4						
50									
60									
70									
80			5Y/4M	slight sawing	none to slight			75-78 cm fine sand	
90									
100									
110									
120			5Y					fine sand to silt laminae (up to 1 cm) between 118 & 127 cm	
130			4M						
140									
150								145-152-157 cm	

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 84 Section: 7 Top Depth: 0-73 cm

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 10.7.13
10					0			mud with fine sand laminae 0.5 cm & 3 cm beds, sharp lower boundaries	
20									
30									
32									
40									
50									
52									
60									
70									
73									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: M1419 Hole: A Core: 8H Section: CC Top Depth: 0-180

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									DM 10.7.13
10			N4	bioturb	∅			md with sand → mousse like (high 00)	
20	PAL						180-24		
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11419 Hole: 9H Core: 1A Section: 6-147 Top Depth:

Major Lithology: *interbedded silt + mud* Minor Lithology: *muddy sand, 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									48, 07-10-13
10	<i>interbedded silt + mud</i>		<i>N4</i>			<i>pebbles</i>		<i>granule, rounded</i>	
20					<i>moderate</i>				
30									
40									
50				<i>moderate</i>					
60									
70									
80	<i>muddy sand</i>		<i>N4</i>	<i>moderate</i>				<i>not at all angular clasts, granular</i>	
90									
100									
110									
120									
130									
140	<i>sand</i>		<i>N4</i>				<i>273</i>	<i>fine sand, well sorted</i>	
150	<i>sand</i>								

Expedition 341 S. Alaska Margin:

Site: 117619 Hole: A Core: 9H Section: 2A Top Depth: 0-(199)154

Major Lithology: silt + mud Minor Lithology: unlabeled silt + mud, 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	sand		N4						HB, 07-10-13
3								- sharp	
10	interbed silt + mud		N4						
20									
30									
40								- gradual	
50	mud		N4						
60									
70								- sharp	
80	coarse sand with mud		N4			present			
90								- sharp	
100	silty mud		N4			present 10		granular + small pebbles, subrounded	
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U149 Hole: A Core: 9H Section: 3A Top Depth: 0-149

Major Lithology: interbedded silt and 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	silty mud		U4			present			AB, 07-10-13
10						13			
20							01 02	1 clast with red sand, rounded 2 oolitic, subangular	
30									
40							0	pebble, sandstone, 1.3 cm, subang.	
50									
60	interbedded silt and mud		10Y4/1						
70				bowed, mud.			0	sandstone/greywacke 3 cm, subrounded	
80									
90									
100									
110									
120	mud		10Y4/1						
130							SS/Bo	mud w. silt (ca. 5%)	
140									
150									

Expedition 341 S. Alaska Margin:

V1419

A

9H

4A

71.89m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Muddy silt

Minor Lithology: Diatom bearing 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 10 2013
0	diatom b.					2mm				
10	mud w/ silt		10Y 4/1							
20	mud w/ silt		10Y 3/1	BOWED (slight)	none					
30	diatom b.									
40	mud w/ silt		10Y 4/1					SS46 - diatom bearing mud w/ silt		
50			N4	BOWED (mod.)						
60						58 - 1cm chert breccia 63 - 2cm siltstone				
70	muddy silt									
80								70cm - brown mud clast(?)		
90										
100						100(2y) 101 102				
110						20 clasts 2mm				
120										
130										
140										
150	IW						IW	⇒ 150-155cm w/ expansion		

Expedition 341 S. Alaska Margin:

U1419 Site: A Hole: 2H Core: SA Section: 73.44m CSF-A Top Depth:

Major Lithology: Muddy 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 10 2013
0										
10										
20				SAS Exp. (light)	none					
30										
40						27 clasts > 2mm				
50	Muddy silt		N4	(mod. to high)				SS54 - muddy silt		
60										
70										
80										
90										
100						93 - shell fragments				
110						106 - siltstone (2cm)				
114	END									
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1419

A

9H

CC-A

74.50m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Muddy 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 10 2013
0										
10										
20	muddy silt		N4		none	11 clasts > 2mm				
30										
40						41 = shell fragment				
44										
49	PAL END						PAL			
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 10H Section: 1A Top Depth: 0-112

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>sandy</u>		<u>present</u> 2		<u>greenish micaceous, 3 and 6</u> <u>any, argillite</u>	<u>HB, 07-10-13</u>
10	<u>sand</u>		<u>N/4</u>						
20	<u>mud</u>		<u>N/4</u>			<u>present</u>	<u>SS-20</u>	<u>sand, mud</u>	
30						2			
40									
50	<u>VOID</u>								
60									
70								<u>granule, argillite,</u>	
80									
90									
100								<u>argillite, subrounded, 3.5 cm</u> <u>long axis,</u>	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11419 Hole: A Core: 10H Section: 2A Top Depth: C-150

Major Lithology: mud w. common 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	mud		W4						Logged by: YB, 7-10-13 Date:
10	mud w. common clasts								
20									
30									
40									
50									
60								fine	
70									
80									
90									
100									
110									
120								basalt, 3cm, rounded	
130								argillite, rounded	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 111619 Hole: A Core: 10H Section: 3A Top Depth: 0-150

Major Lithology: mud Minor Lithology: interb. silt + mud, 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	interb. silt + mud		N4					10 Bivalviae	AB, 07-10-13
10	mud								
12	sand		N4					sand slip	
20	mud		1073/1					mud dashes downward due to increase in block	
30	○							mottled (FeO) → patches of coarse sand	
40								dial. silt mud	
50									
60	○							granule	
70									
80									
90									
100	○							granule	
110			N4						
120									
130	○							mud w dial granule	
140									
150			N3						

Expedition 341 S. Alaska Margin:

Site: U39 Hole: A Core: 102 Section: 14A 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		sh						Logged by: Date: 07-10-13
10			↓						
20			↓						
30									
40			573/2						
50			↓						
60									
70							SB	diatom brgy and in silt	
80									
90									
100								sh. laminae and in white mica	
110									
120			sh						
130			↓						
140									
150									



Expedition 341 S. Alaska Margin:


Site: 11419 Hole: A Core: 10H Section: 5A Top Depth: 80.56m CSF-A

Major Lithology: MUD w/ Diatoms Minor Lithology:

Offset (cm)	Lithology	Sed. 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 10 2012
0										
10	mud w/diatoms		N4			12cm - 26cm metasiltstone		* faint black mottling		
20						22				
30						26				
32						29				
33					none	7 clasts > 2mm				
34										
35										
36										
37										
40										
50										
60										
70										
80										
90										
100								103cm - 26cm green metasiltstone		
110										
120										
125	diatom b. mud w/ radiolaria		graded 10X 4/1			5, > 2mm				
130										
139	END									
140										
150										

Expedition 341 S. Alaska Margin: U1419 A 10H 6A 01.95m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Diatom bearing mud w/ Radiolarians Minor Lithology:

Offset (cm)	Lithology	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			10Y 4/1					* black mottling (thin)		
20						17cm granite (1.5cm)				
30	diatom b. mud w/ radiolarians				none					
40						11 clasts > 2mm				
50										
60										
70										
80										
90						90cm shell frag.				
100										
110								55cm - diatom bearing mud w/ rads.		
120	END									
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 A 10H CC-A 83.14cm CSF-A  
 Site: Hole: Core: Section: 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 10 2013
0										
10	diatom b. mud w/frag.		10Y 4/1			4, >2mm				
18										
20	calc. rich mud				none	alafant		→ many small (ca. 100) donut-shaped organisms		
22										
30	diatom rich mud					1, >2mm				
40										
50								51cm-thin mica layer		
55								5555 - diatom rich mud		
60	PAL						PAL			
65	END									
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 11H Section: 1A Top Depth: 0-131

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>percent</u>			<u>UB, 07-10-13</u>
10									
20									
30								<u>collage layer structure</u>	
40									
50									
60								<u>diatom bands mud</u>	
70	<u>0</u>					<u>0 sc67</u>		<u>argillite pebbles 3cm, elongate, rounded</u>	
80								<u>all other clasts = granules</u>	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419

Hole: A

Core: 114

Section: 2A

Top Depth: 0-(122)132

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			present		meta-siltstone rounded, 2cm	AB, 07-10-13
10									
20									
30								many horizontal cracks due to drying	
40									
50			10Y5/1					gradational angular subangular, 3cm	
60									
70									
80								meta-siltstone rounded, 1.5 cm	
90									
100							S/10	many horizontal cracks due to drying	
110								mud w. diatoms	
120									
130	mud								
140									
150									

Expedition 341 S. Alaska Margin:

Site: KL49 Hole: A Core: 11H Section: 3A Top Depth: 87.12m C&F-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 10 2013
0										
10	dratoh bearing mud		10Y 4/1			10-shell frag.		*thin/small black mottles		
20					none	2, >2mm clasts				
40						37-shell frag.		42-43: void, clast.		
92	END									

Expedition 341 S. Alaska Margin: U1419 A 114 CC-A 88.04m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud (Silty, w/ Diatoms) Minor Lithology:

Offset (cm)	Lithology	Sed. 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 10 2013
0										
10	silty mud w/ diatoms		10Y4/1	SOAP (slight)	none	1, >2mm	386	silty mud, w/ diatoms		
20	<del>PAL</del>						<del>PAL</del>			
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U419 Hole: A Core: 124 Section: 1A 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>N4</u>						<u>HB, 07-10-13</u>
10									
20									
30									
35								<u>gradational</u>	
40	<u>mud</u>		<u>10Y4/1</u>			<u>clast pieces 5</u>			
50								<u>5 samples dispersed</u>	
60									
70									
80									
90							<u>592</u>	<u>diatom bearing mud</u>	
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 12A Section: 2A Top Depth: 0-110

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>W4</u>	<u>Passive</u>		<u>clasts present</u>			<u>UB, 07-10-13</u>
10								<u>10 granules dispersed throughout section</u>	
20								<u>argillite</u>	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120								<u>argillite pebble, 2.5 cm, rounded</u>	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1149 Hole: A Core: 12H Section: 3A Top Depth: 0-150

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	mud		N4			biogenic 4			AB, 07-10-13
10									
20									
30	○					○		argillite pebble, sub angular, 3 cu	
40									
50	○					○		argillite pebble,	
60									
70									
80									
90									
100									
110	○					○		argillite pebble, 2.5 cu	
120									
130	○					○		argillite pebble, 2 cu	
140	mud								
150									

Expedition 341 S. Alaska Margin: U1419 A 12H 4A 92.50m 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:	Date:
0						2.5-shell frag		Childress	July 10 2013
10									
20									
30									
35	mud		N4	↑ JZ → KCGN	none	23 clasts > 2mm			
40									
45									
50				GAS EXP (slight)			SS46 - mud, no bio		
60									
70									
80									
90									
100									
110									
120									
130									
140	END								
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 12H Section: 5A Top Depth: 93.90m 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 10 2013
0										
10										
20				S C C K						
30	mud		N4	K	none					
40				Z		12 clasts >2mm				
50				GAS Exp? (Slight)						
60										
70										
80										
90										
100				SUCK IN (mod)				97-140cm: sand patches		
110	mud w/sand			↓						
120										
130										
140	END									
150										

Expedition 341 S. Alaska Margin: W1419 Site: A Hole: 12H Core: 6A Section: 95.30m CSF-A Top Depth:

Major Lithology: Diatom Bearing 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 10 2013
0										
10										
20										
25	mud w/sand		N4			9 clasts > 2mm		0-43: sand patches		
30										
40										
43										
45										
50	diatom bearing mud w/sand		10Y 4/2							
60										
70										
75				Soupy				SS73- diatom bearing mud		
80				(mod. to high)		18 clasts > 2mm				
90										
96								96cm: 2.5cm argillite, w/ fabric		
100										
102								102-123: clast drag, mod.		
110										
120										
122								122-117: 15cm long x 1cm wide - busted clast		
130				SUCK IN (slight)						
140	END									
150										

Expedition 341 S. Alaska Margin: U1419 Site: A Hole: 12H Core: 7A Section: 96.70m CSF-A Top Depth:

Major Lithology: Diatom BEARING 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 10 2013
0										
10	Sand-silt-in			Vertical (mod.)				thin/small black mottles		
20	diatom bearing mud		10Y 4/2		none	4, > 2mm				
30										
40	diatom bearing mud		10Y 4/1	SOUP (mod.)		2, > 2mm				
50										
60										
70										
80										
90	END									
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 A 12H CC-A 97.55m CSF-A  
 Site: Hole: Core: Section: Top Depth:


Major Lithology: DIATOM BEARING 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 10 2013
0	argillite							8cm argillite cobble (0-8cm)		
10	mud Diatom Bearing		10Y 4/1	SOUP (mod)	none	1, > 2mm				
16										
20	FAL						FAL			
21										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 13H Section: CC Top Depth: 0-10

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>gal</u>		<u>N5</u>	<u>SWR</u>				<u>siltstone clast</u>	<u>AB, 07-10-13</u>
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U179 Hole: A Core: 134 Section: 1A Top Depth: 0-61

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>NH</u>						<u>AB, 07-10-13</u>
10									
20									
30				<u>slightly sandy</u>				<u>asphaltic clast, 5 x 0.5 x 5 cm in size</u>	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: UM19 Hole: A Core: MA Section: 1A Top Depth: 0-(140)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>N4</u>	<u>some/mud</u>					<u>AB, 07-10-13</u>
10									
20	<u>0</u>			<u>some/mud</u>		<u>0</u>		<u>siltstone pebble, 4 cm, rounded, clay</u>	
28									
30	<u>mud</u>		<u>N4</u>			<u>present</u>			
40									
50							<u>SSO</u>	<u>mud, no bio</u>	
60									
70									
80	<u>0</u>					<u>0</u>		<u>argillite gravel</u>	
90									
100									
110	<u>0</u>					<u>0</u>		<u>argillite gravel</u>	
120									
130	<u>0</u>					<u>0</u>		<u>argillite pebble, rounded, 2 cm</u>	
140	<u>W</u>								
150									

Expedition 341 S. Alaska Margin:

U1419      A      14H      2A      99.90m 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 10 2013
0										
10										
20	mud		NL		none	4 clasts 2mm				
30						+ 7/8 small granules (1-2mm)				
40										
50										
60										
70										
80										
90										
100										
110										
120						117-118cm shell fragments				
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1419

A

14H

3A

101.40m 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:	Date:
									Childress	July 10 2013
0										
10	mud									
20			N4		none	22 - shell frag.				
30										
40										
50						D clasts > 2mm				
60										
61										
70	mud					J. > 2mm				
80	END									
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 A 14H CC-A 102.19m 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 10 2013
0										
10	Mud		10Y 4/1		none	2 clasts > 2mm				
20						18-shell frag.		sslg - mud, no bio		
30	PAL						PAL			
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1119 Hole: A Core: SH Section: 1A 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>U4</u>						<u>AB, 07-10-13</u>
10				<u>couple</u>					
20									
30	<u>mud</u>		<u>10Y4/1</u>				<u>SS37</u>	<u>diatom ooze</u>	
40									
50	<u>mud</u>		<u>U4</u>			<u>present</u>		<u>6 granules dispersed</u>	
60									
70									
80	<u>o</u>							<u>3 white pebbles, 0.7 + 0.8 cm</u>	
90									
100	<u>o</u>							<u>argillite, pebble, 0.6 cm</u>	
110									
120	<u>o</u>							<u>granular, pebble, 0.6 cm</u>	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 15H Section: CC Top Depth: 0-24.5

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>pebbles</u>		<u>example</u>	<u>HB, 07-10-13</u>
10	<u>0</u>					<u>0</u>		<u>sandstone, rounded, 1/8 cm, not well cemented</u>	
20	<u>TAL</u>								
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1149 Hole: A Core: 114 Section: 1A 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	mud		grey			porosity		porosity argillite sandstone	18, 07-10-13
10									
20									
30								argillite	
40									
50								argillite granules	
60								sandstone	
70									
80									
90								granuloid sandstone	
100								argillite	
110									
120								argillite	
130									
140									
150									



Expedition 341 S. Alaska Margin: U1419 A 16H 2A 106.10m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud w/ DIATOMS Minor Lithology:

Offset (cm)	Lithology	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						13 clasts > 2mm		> silt/sandstones, maybe argillite		
30										
40						39- shell frag.				
45	Mud w/ diatoms		N4		none					
50										
60										
65										
70								61- 67cm - 2.5cm void from granite in W 1/2 (mod.)		
80										
90							sh	mud with diatoms		
100										
110										
120										
130										
140	END									
150										

Expedition 341 S. Alaska Margin: U1419 A 16H 3A 107.50m 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:	Date:
									Childress	July 10 2013
0										
10										
20				crack				17cm - thin lam. sand w/ crack - in place?		
30										
40										
50	mud		N4			9 clasts > 2mm		52-54: sandstone (2cm)		
60	granite							58 - 1cm sandstone 61-65: 3.5cm granite		
70										
80										
90										
100										
110										
116										
120	1W						1W			
126	END									
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 A 16H 4A 108.76m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD (silty) Minor Lithology:

Offset (cm)	Lithology	Sed. 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 10 2013
0										
10	silty mud		N4		none					
20						6 depts. > 2mm				
30							SS3S	silty mud, no bio.		
40										
50										
54								54-55cm broken siltstone, ~ 2cm		
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1419

A

16H

CC-A

109.32m 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 10 2013
0										
10	mud		N4	crack	none	5 clasts > 2mm				
20								20cm; 1.5cm metasiltstone		
22	PAL						PAL			
27	END									
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U149 Hole: A Core: 17H Section: 1A 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	mud		N4						HB, 07-10-13
10	w/ls colored clasts						S17	silty mud	
20									
30									
40									
50									
60									
70									
80	mud w. agglut. clast		N4					pebbles, primarily > 3cm - silty - agglut.	
90									
100								abundant agglut. granules + small pebbles	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1169 Hole: 9 Core: 174 Section: 2A Top Depth: 0-169

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	mud		N4						AB, 07-10-13
10	rounded clasts								
20									
30									
40	mud		N4			percent 9		9 granules, black, asphite	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1119 Hole: A Core: 17H Section: 3A Top Depth: 0-131

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>Wh</u>			<u>present</u>			<u>JB, 07-10-13</u>
10						<u>9</u>		<u>9 pebbles + granules distributed over section</u>	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120							<u>ss/20</u>	<u>silty mud</u>	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 0149 Hole: A Core: 17H Section: CC Top Depth: 0-21

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 3		3 granules	HB, 07-10-13
10									
20	PAL								
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin: V1419 A 18H 1A 113.20m CSFA  
 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:
									Childress	July 10 2013
0										
10										
20	mud, w/ abundant clasts		N4		none			argillites @ 11, 29, 50, 66, 92, 109, 113 cm.		
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140	VOID									
145	IW						IW			
150										

Expedition 341 S. Alaska Margin: U1419 A 18H 2A 115.30m 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:
									Childress	July 10 2013
0										
10	Mud, w/ Abundant clasts		N4		none					
20								argillites @ 4, 19, 40, 47, 67cm		
30										
40										
50										
60										
70										
80										
90	END									
100										
110										
120										
130										
140										
150										

**Expedition 341 S. Alaska Margin:**

U1419

A

18H

CC-A

116.18m 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: Childers	Date: July 10 2013
0										
10	mud w/ abundant clasts		N4		none			argillites @ 5, 20cm		
22	PAL						PAL			
27										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 A 19H 1A 116.40m 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 10 2013
10	mud w/ abundant clasts		N4		none			argillites @ 18, 77cm green sandstones (~4cm) @ 70, 115cm	
20									
30									
40									
50									
60									
70	S.S.								
80									
90									
100									
110	S.S.								
120									
130	END								
140									
150									

Expedition 341 S. Alaska Margin:

U1419

A

19H

2A

117.71m 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 10 2013
0										
10	mud w/ abundant clasts		N4		none			argillites @ 23, 53, 58 cm		
20										
30										
40										
50										
60										
63	VOID END									
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1419 A 19H CC-A 118.34a 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:
									Childress	July 10 2013
0										
10	mud w/ abundant clasts		N4		none			argillite, siltstone?		
16										
20	PAL						PAL			
21										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 21X Section: 1A Top Depth: 0-97

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 with clasts</u>		<u>light</u>						<u>HB, 07-10-13</u>
10									
20	<u>0</u>							<u>sandstone, 5 cm, subrounded</u>	
30									
40	<u>0</u>							<u>sandstone, 4 cm, rounded</u>	
50									
60	<u>0</u>							<u>siltstone, 6 cm, rounded</u>	
70									
80	<u>0</u>							<u>sandstone, 6 cm, rounded</u>	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

W419

A

21X

cc

0-49

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 with sand clasts		gy						HB, 07-10-13
10									
20							SS21	214g mud	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 23X Section: 1A Top Depth: 0-150

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0				minor mud				0-40	IF 11/Jul/13
10							* clast-rich dicumid		
20			N4				* clast < 2 cm		
30							* include metstone & greenstone		
40			N4				* pod of carbonate & ash cut 34cm		
50			(a bit lighter above)				* "relatively sticky"		
60							* some sand		
70							* gradational lower boundary		
80							40-145		
90							* mud with dispersed clasts		
100							A max 5 cm		
110							* clasts of metstone, greywacke(?)		
120							* sub-rounded to sub-angular		
130							* scattered sand & mud patches (< 5 mm)		
140							* some rusty colour in ashline part deriving from metstone clast in work half		
150	VOID						* mud with sand	145-150: VOID	

Expedition 341 S. Alaska Margin:

U1419  
Site:

A  
Hole:

23X  
Core:

2A  
Section:

0-150  
Top Depth:

Major Lithology:


Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-127.5 * see section 1, 40-145	MF 11/Jul 13
10									
20									
30									
40									
50									
60								← greywacke (?)	
70									
80									
90									
100									
110									
120									
130								127.5 - 140 * interbeds mud & olivinit, see sed. 3 for details	
140									
150							1W	140-150	

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 23X Section: 3A Top Depth: 0-150

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			<u>N4</u>						<u>MF 11/Jul/13</u>
0-150								<p><u>0-150</u></p> <ul style="list-style-type: none"> <li>* interbedded mud and diamict</li> <li>* diamict clasts up to 5 cm</li> <li>* siltstone, granobria, quartz, greenstone (?); sandstone (?)</li> </ul>	
40-50								<p>* thickness of diamict 1 mm to ~ 8 cm (counts only for this section)</p>	
60-70								<p>* diamict: sandy &amp; gravelly mud</p>	
70-80								<p>* "special interval" with red brown, sub-rounded clasts between ~21-22 cm</p>	
80-90								<p>SS; 82 cm</p>	
90-100								<p>Sandy mud with diatom</p>	

Expedition 341 S. Alaska Margin: U1419 A 23x 4 0-101  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: red & 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								laminated red & diamic	JM 11.7.13
10				0	0			→ laminated red	
20			NK				SS (2)	→ clayey red interbedded with thin single grain thick laminae and 12 cm thick diamic beds	
30								→ with gradational lower, often sharp upper boundaries	
40								→ clast-rich & clast-poor diamic	
50								clast lithologies: metasediments, greenstones, gneissoids	
60			NK		0				
70				0					
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 47413 A Hole: 23x Core: 5 Section: 0-60 Top Depth:

Major Lithology: Mud & Diacrit Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	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 11.7.13
10			N4	/	0			<p>mud interbedded with diacrit</p> <p>- clayey mud (very slightly laminated)</p> <p>→ very gradual transition to diacrit intervals</p> <p>→ clast-rich to clast-poor diacrit intervals</p>	
40				/	0			clasts: black catapillars (only one)	
60									
100									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 A Hole: 23x Core: 2C Section: 0-34 cm

Major Lithology: M-1 & D-19 Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	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 11.7.13
10								interbedded laminated and fine diameter (gradational sandstones) → clayey and	
20			NF	Slight Sawing	O			→ outsized forstones: 3cm sandstone, 2cm siltstones (2), 1cm greenstone	
35									
40	PAL						3.4 38		
50								horrible? (outsized) @ 30cm	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1419  
Site:

A  
Hole:

24X  
Core:

1A  
Section:

0-101  
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	ext. full in mod. high				D-101: * clast poor muddy diamict * > 20 clayey laminae (< 5 mm thick) * granule & pebble clast ↳ include: quartz, siltstone, red chert, sandstone * sub-rounded to sub-angular * with sand (ss 34cm)	MF 11/20/13
10									
20									
30									
40									
50									
60									
70									
80									
90									
100				slight boring					
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 24x Section: 2A Top Depth: 0-55

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	VOID	3	N4					0-55 LO as section 1	MF 11/Jul/13
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U1419 A Hole: 24X Core: CC Section: 0-44 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					0-29.5	MF 11/Jul/13
10								* clast-rich diamict; muddy	
20								* metabone (occasionally with preserved lamination, e.g. ~20 cm); argillite, massive metabone, granitic, brown chert (??) (e.g. ~16 cm); quartz; greenstone; diorite (?); red & green	
30	PAL							29.5-34.5 igneous rock	
40			diorite?				Sample PAL		
50								* sub-rounded to	
60								sub-angular	
70								34.5-45	
80								LD as 0-29.5	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

41419

A

25X

1A

0-85

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									KF 11/Jul/13
10				minimal mud - loss				0-85 * clast-poor diamict, muddy * some lamination due to ↳ clayish laminae ↳ sand / granule laminae } < 4 mm	
20								* clast include greenstone, sandstone, siltstone, quartz, dark red / brown chert(?), light brown chert(?)	
30									
40									
50									
60								* sub-rounded to sub-angular * with sand	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 25X Section: CC Top Depth: 0-51

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									PF M/JUL/13
10								0-23 / 28-38	
20								↳ see sect. 1	
25	PAL							sand clasts ~ 18-21, 34-35	
40									
45									
50									
55									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

bowling  
moder.

38-51 interbedded to  
 - laminated mud & sand  
 - bowled → moderately disturbed  
 - one sub-rounded miltstone pebble

Expedition 341 S. Alaska Margin:

Site: 41419 A Hole: 26X Section: 1 Top Depth: 0-140cm

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								0-38cm: sandy diagenetic (clast-poor) clasts (silt-, metasiltstone, sandstone granules mainly)	JM 11.7.13
10			N4	12/12	0			22-27cm: soupy (moderate to high) sand bed, coarse sand (clean)	
20			N4		0			38-65cm: slightly greenish gray to yellowish gray biosil. ooze w/ ash sandy mud w/ dispersed clasts (granitoids, metasiltstones, greenstones) granules to pebbles	
30			N4		0		SS (45)	65-140cm: subtle color banding sandy, clast-poor diagenetic	
40			N4		0			140cm: mud with volc. ash (2%) subrounded fine sand, glass - very some forams	
50			N4		0		SS (91)		
60			N4		0				
70			N4		0				
80			N4		0				
90			N4		0				
100			N4		0				
110			N4		0				
120			N4		0				
130			N4		0				
140	W						140		
150							150		

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: A Core: 26X Section: 2 Top Depth: 0-56cm

Major Lithology: Med diam-ct

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

Offset (cm)	Lithology	Sed. Structures	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 11.7.13
10			N4	/	0			med with dispersed clasts → sandy med	
20								clast-poor meddy diam-ct clasts: granules to pebbles (up to 2cm) of sandstone, calcisiltstone, greenstone	
30			N4		0				
40				/			SS (44)	med <sup>44</sup> sand	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 A Hole: 26x Cd Section: 0-7c Top Depth:

Major Lithology: Mud, 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	lid		N4	/	/			clast - poor diamic	JM 11.7.17
10	PAL						2-12	granules & pebbles of black metasiltstone	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U7419 A Hole: 27X Section: 1 Top Depth: 0-33cm

Major Lithology: Diacrit

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

Offset (cm)	Lithology	Sed. Structures	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 11.7.13
10			N4	1/2 cm	0			clast - nice diacrit with an out-sized siltstone (8x5cm)	
20			N4		0			+ granules & pebbles of sandstone, greenstone?, heterosiltstone	
30									
35									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41419 A Hole: 27x Core: CC Top Depth: 0-640

Major Lithology: Diatomite

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								<sup>muddy</sup> clast-rich diatomite	JM 11.7.13
10			N4		0			oversized clasts of siltstone, sandstone, greenstone, granitoid	
20			N6						
30			N3	0					
40					0				
50	PAL						48 53		
60				high grade				} washed gravel	
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: 41419 Hole: A Core: 28X Section: CC Top Depth: 0-24

Major Lithology: gravel

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	PAL						0-5		JM 11.7.13
10								washed gravel: siltstone, diorite, sandstone, black metasiltstone (all oversized, > 2cm pebbles)	
20				1 bigg					
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: A Core: 29x Section: CC Top Depth: 0-180

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	PAL			/			0 P1		JM 11.7.13
10	PAL	/	N4	/	/			Washed gravel: greenstone, red chert (jasperite), granite/sandstone?	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									