

Expedition 341 S. Alaska Margin:

U148  
Site:

D  
Hole:

2H  
Core:

1A  
Section:

3.00 m 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: JUN 28 2013
0						2mm ↓		- green color bands (2mm to 1cm thick)		
10								15-21: N3 sand patch		
20	sand									
30	mud w/silt	COLOR BANDS	N4	SOIL (high)	none					
40										
50										
60										
70	sand					68		67-68: sand patch		
80						81 82				
90										
100							SS100	mud, w/silt		
110										
120										
130										
140	sand silt							135-138: N3 silt/sand patches		
150										

Expedition 341 S. Alaska Margin:

Site: U410 Hole: D Core: 2H Section: 2A Top Depth: 4.50m 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: <u>Childress</u>	Date: <u>JUNE 28 2013</u>
0						<u>absent</u>				
10	<u>mud w/silt</u>		<u>N4</u>	<u>S</u>	<u>none</u>			<u>thinly laminated clay @ 14, 15, 20, 24 cm</u>		
20	<u>gradatoin</u>			<u>(mod. to high)</u>	<u>↓</u>					
30	<u>mud</u>	<u>COLOR BANDS</u>	<u>10Y 4/1</u>					<u>gray color bands (2mm to 4cm thick)</u>		
40								<u>silt (thin lam.) @ 66, 72cm (likely more but too much D.D)</u>		
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1418

D

2H

3A

6.00m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud

Minor Lithology: inter bedded silt & mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 28 2013
0						absent				
10										
20										
30	mud	COLOR BANDS	N4	SOPHY (mod. to high)	none			- sparse thin laminae, likely silt, but too much DD.		
40										
50								- in N4, green color bands (2mm to 2cm thick)		
60										
70	grad									
80	inter-bedded silt & mud							- 15 silt beds, thinly laminated @ 1mm to 5cm intervals		
90										
100	grad									
110	mud		10Y 4/1					- in 10Y, grey color bands (mm to 2cm thick)		
120										
130										
140										
150								silt @ 143, 148 (thin lam.)		

Expedition 341 S. Alaska Margin: 11/4/18 D 24 5A 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	mscl								#B, 6-28-13
10	mscl silt		MS					4 silt laminae	
20									
30								fairly laminated MS with MS	
40									
50									
60									
70									
80									
90									
100							stob	calcareous boarig mud	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U418 Hole: J Core: 24 Section: 6A Top Depth: 0-118

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									AB, 6-28-13
10	<u>silt + mud</u>								
20								<u>13 silt laminae mud ≤ 16 cm</u>	
30								<u>fairly laminated NS w/ 15 N4</u>	
40									
50									
60									
70									
80									
90								<u>sand patch</u>	
100									
110								<u>668 patch (700)</u>	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1148 Hole: D Core: 24 Section: 7A Top Depth: 0-64

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							laminated 1E with NG	AB, 6-28-13
10									
20			AE						
30				wag soup					
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11115 Hole: D Core: 24 Section: cc Top Depth: 0-12

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>1</u>					<u>HAB, 6-28-13</u>
7	<u>PAZ</u>								
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1412S Hole: D Core: 2A Section: 4A Top Depth: 0-150

Major Lithology: mud Minor Lithology: interbedded silt + mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-28-13
10			NS					fairly bioturbated NS units	
20	mud								
30									
40									
50									
60									
70									
80									
90								argillite pebble 2cm long axis, sub-rounded in WH!	
100	interb. silt + mud		NS					4 laminae mud $\leq$ 6cm	
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin: 11418 D 3A 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>interbedded silt + mud</u>					<u>present clasts</u>			<u>KB, 6-28-13</u>
10			<u>NS</u>					<u>3A silt laminae mud = 8 cm</u>	
20								<u>fairly laminated NS with NS</u>	
30									
40									
50									
60				<u>fine s. mud</u>			<u>ss to mud, no bio</u>		
70									
80									
90									
100									
110									
120									
130									
140	<u>143</u>							<u>granule, argillite, subrounded</u>	
150									

Expedition 341 S. Alaska Margin: U1418 D 3H 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									
10	<u>weak silt + mud</u>		<u>N5</u>					<u>fairly laminated N5 with N4</u>	<u>HB, 6-28-13</u>
20								<u>33 silt laminar mud &lt; 8 cm</u>	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

boiled, wood.

Expedition 341 S. Alaska Margin:

Site: 111418 Hole: D Core: 3H Section: 3A Top Depth: 0-150

Major Lithology: unlithified silt + mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	silt + mud		NS					faulty laminated NS with M	AB, 6-28-13
10	silt + mud		NS					19 silt laminar mud ≤ 9 cm	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 3H Section: 4A Top Depth: 0-150

Major Lithology: unlaminated silt + mud Minor Lithology: 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									JB, 6-28-13
10	mud		NS					fairly laminated NS with N4	
20									
30									
40									
50								silt	
57.59								57.3/1	
60									
70	laminated silt + mud		NS					fairly laminated NS with N4	
80								st silt laminar mud + silt	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418

Δ

3H

5A

18.50m 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: JUNE 28 2013
0						2mm ↓				
10				↓ (slight to med.)				- green color bands (min to 3cm thick)		
20			N4							
30		COLOR BANDS		↓ (med. to high)	none			- thin silt laminae @ 37, 48, 49, 83, 93cm w/ patches (small) between		
40	mud w/silt			↓						
50						silt				
60										
70										
80										
90										
100	gradational									
110	mud									
120										
130						130 131				
140								137: thin lam. silt		
150										

Expedition 341 S. Alaska Margin: U1418 D 3H 6A 20.00 m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: <u>Childress</u>	Date: <u>June 28 2013</u>
0						<u>absent</u>				
10				<u>S O U R C E</u> <u>(slight to mod)</u>	<u>none</u>					
20		<u>UNZIPPED ROTATION</u>	<u>N4</u>					<u>- green color bands (mm to 1cm thick)</u>		
30	<u>mud</u>			<u>UNZIPPED</u> <u>(mod)</u>			<u>SS35</u>	<u>mud, no bio</u>		
40										
50										
60										
70	<u>gradiation</u>									
80										
90	<u>mud w/silt</u>							<u>- silt thin laminae @ 72, 99, 100, 111 cm</u>		
100										
110										
120										
130	<u>END</u>									
140										
150										

Expedition 341 S. Alaska Margin:

Site: U410 Hole: D Core: 3H Section: 7A Top Depth: 21.25m 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: <u>Childress</u>	Date: <u>June 28 2013</u>
0						absent				
10	mud w/ silt	60Z PV/ 70F 00	N4	S.O.C. V.D.C. s. Y.D.C. D.W.O.D. (slight to mod.)	none			-green color bands (min to 1cm thick) thin laminae, silt @ 20, 37, 42, 55, 64 cm		
20										
30										
40										
50										
60										
70	END									
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U418 D 34 CC-A 21.95m 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	JUNE 28 2013
0						absent				
10	mud		N4	FOCUS	none					
14										
19	PAL						PAL			
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										



Expedition 341 S. Alaska Margin: U418 D 4H 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: interbedded silt + mud Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>mud</u>							<u>fairly laminated</u>	<u>HB, 6-28-13</u>
10			<u>N4</u>					<u>N4 with NS</u>	
30	<u>interbedded silt + mud</u>		<u>N4</u>					<u>fairly laminated</u>	
40								<u>N4 with 10% 4/1</u>	
50								<u>2% silt laminar</u>	
60								<u>mud &lt; 5cm</u>	
70				<u>bedded mud</u>					
100							<u>SS96</u>	<u>silt w. mud</u>	
110	<u>mud with silt</u>								
120			<u>10% 4/1</u>					<u>5 silt laminar</u>	
130									
140									
150									

Expedition 341 S. Alaska Margin:

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

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

Offset (cm)	Lithology	Sed. Structures	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>muud</u>								<u>AB, 6-28-13</u>
10			<u>10Y4/1</u>	<u>bioturb, muud</u>				<u>massive muud</u> <u>a few black (FeO) nodules</u>	
30									
40	<u>muud with silt</u>		<u>10Y4/1</u>					<u>11 silt laminae</u> <u>fairly laminated</u> <u>10Y4/1 with 10Y</u>	
60									
75									
80	<u>muud</u>							<u>massive muud</u>	
90			<u>10Y4/1</u>					<u>fairly laminated</u> <u>10Y4/1 with 10Y and</u> <u>black (FeO) N25</u>	
110								<u>black (N25, FeO) after washed</u>	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1148 Hole: D Core: 4H Section: 3A Top Depth: 0-150

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>mud</u>							<u>massive mud</u>	<u>HB, 6-28-13</u>
10			<u>10% 1/4</u>	<u>various</u>				<u>blsd. (Fcd) nodules, few</u>	
20				<u>various</u>				<u>fairly laminated, a few</u>	
30				<u>various</u>				<u>thin, thin laminae</u>	
40				<u>various</u>				<u>10% 1/4 nodules</u>	
50	<u>silt</u>								
60									
70									
77									
80	<u>mud with thin silt</u>		<u>10% 1/4</u>	<u>various</u>				<u>massive mud</u>	
90									
100									
110									
120							<u>S112</u>	<u>mud, no bio</u>	
130									
140									
150									

Expedition 341 S. Alaska Margin: U1410 D 4H 4A 26.50m 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	JUNE 28 2013
0						absent				
10										
20	mud w/silt		N4	BOREHOLE DISTURBANCE (slight to mod.)	none			- thin laminated silt @ 11, 20, 41, 64cm + patches (might have been more beds, but D.D.)		
30										
40										
50										
60										
70										
80	mud									
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

11418

D

4H

SA

28.00m 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	JUNE 28 2013
0						absent				
10										
20	Mud		N4	S O U P Y (mod.)	none			- faint (D.D.) silt @ 26, 105, 107, 110cm		
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 4H Section: 6A Top Depth: 29.50m 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: JUNE 28 2013
0						absent		bands of black mottling @ 28, 44, 69cm		
10				S O O S						
20				Y D C Y						
30				(slight to mod.)				- thin laminae of silt @ 51, 56, 67cm		
40	mud		N4	B O W E D	none					
50				(slight)						
60										
70										
80	diatom rich mud							- extensive black mottling.		
90										
100										
110										
120							SS116	- diatom rich mud		
130										
140	END									
150										

Expedition 341 S. Alaska Margin:

U41B

D

4H

CC-A

30.85m 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:	Date:
									Childress	JUNE 28 2013
0	diatom rich mud		10Y 4/1	erosion (silt)	none			- black mottling		
16						16 (7.2mm)				
19	PAL						PAL			
24										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1418

D

SH

1A

31.50m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: MUD w/ SILT

Minor Lithology: MUD

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	June 28 2013
0						↓ 2mm		0-16cm: black mottling		
10										
20										
30	mud		N4		none			29-31: sandstone clast		
40										
50								51-52: black band		
60										
70	mud w/ silt	MOZAB POROS						- sparse black mottling (bands @ 110, 121, 144cm) - green color bands (mm to 2cm) - 8 silt laminae		
80										
90										
100										
110										
120										
130										
140										
150										



Expedition 341 S. Alaska Margin:

U1418  
Site:

D  
Hole:

5H  
Core:

2A  
Section:

33.00m CSF-A  
Top Depth:

Major Lithology: Mud. with silt

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 28 2013
0										
10	inter-bedded silt? mud		N4	S O U P P Y	none			0-20: 10 thin laminated silt		
20										
30	diatoms bearing mud		10Y 4/1	B O W E D (slight)	none			28-39: extensive black mottling		
40										
50	mud w/ silt	C O L O R B A N D S	5Y 4/1					thin laminated silt @ 57, 97, 138, 140cm + patches (D.D. of beds?)		
60								green & black color bands (~1cm)		
70										
80										
90										
100										
110										
120										
130										
140						135 (72mm)				
150										

Expedition 341 S. Alaska Margin: U1418 D SH 3A 34.50m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud (w silt) Minor Lithology: Interbedded silt, Mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 28 2013
0										
10								-green color bands (mm to 2cm thick)		
20				S O U P P Y	none			-silt @ 21, 27, 54cm		
30	mud w/silt		5Y 4/1							
40		C O L O R								
50		B A N D S		B O W E D (slight)						
60										
70	inter-bedded silt mud sand							~ 12 thinly laminated to laminated silt beds, mud up to 10cm thick some NS, some normally graded (NG)		
80								T7-B1: disturbed sand (NG)		
90										
100										
110										
120	mud		N4							
130										
140										
150										

Expedition 341 S. Alaska Margin:

11418

D

5H

4A

36.00 m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud (w/silt)

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									Childress June 28 2013
10									
20									
25	mud w/silt		N4	BOWED	none				
30									
40									
50									
52									
55	sand	NG	N3	SOPY (slight to mod.)			SS55	sand, med.	
57									
60									
70	mud w/silt		N4						
80									silt laminae @ 74, 80, 82 cm
90									
91	diatom bearing mud								91-104 - extensive black mottling
100			10Y 4/1				SS100	diatom bearing mud	
104									
110	interbedded silt & mud								104-141: black mottling
120									~7 silt (thinly lam. to laminated), mud up to 4cm thick
120	VOID								
130			N4				SS120	mud, no bio	
140									
141	diatom bearing mud		10Y 4/1						141-150: extensive black mottling
150									

Expedition 341 S. Alaska Margin:

Site: U1118 Hole: D Core: 5A 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									AB, 6-28-13
10	mud		10Y4/1					massive mud with black (FeO) mottles	
30	mud		10Y4/1					color banding / accumulation 10Y4/1 with NH (rarely, N2.S, black FeO)	
50								massive mud	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

banded, slight to mod.

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: SH Section: 6A Top Depth: 0-150

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-28-13
10	<u>mud with silt</u>		<u>10% 4/1</u>					<u>13 silt Osmiac</u> <u>faintly laminated</u> <u>10% 4/1 and S. M.</u>	
20									
30									
40									
50									
60									
70									
80									
90	<u>mud</u>		<u>10% 4/1</u>	<u>barred, shifted to mud.</u>		<u>present</u>			
100									
110									
120									
130									
140	<u>ml</u>							<u>small pebbles, 0.8 cm, argillite, sds</u> <u>rounded</u>	
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 5H Section: 7A Top Depth: 0-65

Major Lithology: interbedded silt + mud Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	mud								AB, 6-28-13
10	w. silt		N4					2 silt laminae fairly laminated No test 10/4/1	
20									
30									
40	interb. silt w. mud		N4						
50				bowed, slight to mod.			250	10 silt laminae, mud ← 9cm calcareous mud, no bio	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: D Core: 5A Section: cc Top Depth: 0-15

Major Lithology: interbedded silt and 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>interbedded silt and mud</u>		<u>Wh</u>	<u>bioturb. silt</u>				<u>3 silt laminae, mud &amp; 2 cu</u>	<u>AB, 6-28-13</u>
10	<u>und PAL</u>								
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U14/B  
Site:

D  
Hole:

6H  
Core:

1A  
Section:

41.00m 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: JUNE 28 2013
0										
10										
20										
30										
40	mud		N4	S O U P P Y (slight to mod.)	none			0-84: sparse black mottling		
50				B O W E D (slight)						
60										
70										
80										
84										
90								84-150: black mottling (thick ~ 113cm)		
100	mud w/silt							-silt @ 85, 87, 96, 125, 142cm		
110										
120										
130										
140										
150										



Expedition 341 S. Alaska Margin: V1418 D 6H 2A 42.50m 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: Childress	Date: JUNE 28 2013
0										
10								intermittent black mottling		
20										
30	mud w/ silt	PATCHES (silt)	N4	SOB UP PIPE D (slight)	none	absent		silt patches		
40										
50										
60										
70										
80										
90										
100										
110										
120	calcareous bi. mud						SS119	calcareous bearing mud		
130										
140										
150										

Expedition 341 S. Alaska Margin: U14B Site: D Hole: 6H Core: 3A Section: 44.00m CSE-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: <u>Childress</u>	Date: <u>JUNE 28 2013</u>
0										
10										
20								<u>16-50cm: black mottling</u>		
30										
40										
50	<u>mud</u>		<u>N4</u>	<u>B o r e w e d (slight)</u>	<u>none</u>					
60										
70								<u>- silt laminae @ 76, 95cm</u>		
80										
90										
100										
110										
120										
130	<u>mud w/silt</u>		<u>5Y 4/1</u>							
140										
150										

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: J Core: 6H Section: 4A Top Depth: 0-150

Major Lithology: interbedded silt & mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	interbedded silt & mud								NB, 6-28-13
10								SI silt laminae mud ≤ 10 cm	
20			10Y4/1					fairly laminated 10% 4/1 with N4	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: D Core: GH Section: SA Top Depth: 0-150

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>interbedded silt + mud</u>					<u>porosities</u>			<u>10, 6-28-13</u>
10									
20								<u>40 cft laminae</u>	
30								<u>mud ≤ 10 cm</u>	
40	<u>SS</u>							<u>sand part, disturbance</u>	
50								<u>fairly laminated</u>	
60								<u>107 1/2 with N4</u>	
70									
80									
90	<u>17</u>					<u>rounded, mud.</u>		<u>clast in WH!, argillite, 3cm Ø,</u>	
100								<u>angular</u>	
110								<u>fine mud, no bio</u>	
120									
130	<u>16</u>							<u>small pebble, 0.7 cm, rounded,</u>	
140								<u>argillite</u>	
150	<u>112 1/2</u>							<u>silt, 1cm</u>	

Expedition 341 S. Alaska Margin:

Site: MM5 Hole: D Core: 6H Section: KA Top Depth: 0-111

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									HE, 6-28-13
10	<u>mud</u>		<u>10Y4/1</u>					<u>fairly laminated</u> <u>10Y4/1 with NG</u>	
26									
28			<u>NG</u>					<u>silt with mud</u>	
30									
40	<u>mud</u> <u>with</u> <u>silt</u>		<u>10Y4/1</u>					<u>11 silt laminae</u> <u>mud &lt; 27 cm</u>	
50									
60									
70									
80									
90									
100									
110	<u>mud</u>		<u>NG</u>	<u>bound, mod.</u>				<u>massive mud</u>	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: J Core: 6H Section: 7A Top Depth: 0-59

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									Logged by: <u>UB</u> Date: <u>6-28-13</u>
10	<u>WLS</u> <u>silt</u>		<u>Nh</u>					<u>3 silt laminae</u>	
48									
50	<u>sand</u>	<u>△</u>	<u>N3</u>					<u>sand</u>	
51	<u>△</u>		<u>N4</u>			<u>present</u>	<u>□</u>	<u>2 granules, argillite, calc. glob.</u>	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1412 Hole: D Core: GH 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>AB, 6-28-13</u>
10			<u>N4</u>						
20	<u>PAL</u>								
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U148 Site: D Hole: 7H Core: 1A Section: 50.50m CSF-A Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: June 28 2013
0						absent				
10				YPCON (20-30)						
20										
30										
40	mud		N4		none					
50										
60										
63										
70										
80	mud w/silt	COLOR BANDS						gray color bands		
90								silt laminae @ 64, 80, 102, 128, 133, 139cm		
100										
110							SS108	mud, w/silt		
120										
130										
140										
150										



Expedition 341 S. Alaska Margin: U418 Site: D Hole: 7H Core: 2A Section: 52.00m 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: JUNE 28 2013
0										
10								-green/gray color bands (mm to 2cm thick)		
20										
30	MUD	COLORED SAND	N4	BOWED (slight to med)	none	33 (72mm)				
40								thin, normally graded sand laminae		
50										
56										
60	mud w/ silt					absent				
70								silt laminae @ 57, 63, 85, 92cm		
80										
90										
94										
100										
110	mud		N4							
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 D 7H 3A 53,50m 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: <u>Childress</u>	Date: <u>JUNE 28 2013</u>
0						2mm ↓				
10										
20										
30										
40										
50	Mud	COLOR BANDS	N4	BOWTIGHT	none					
60										
70										
80										
90	inter-bedded silt & mud		N4							
100										
110										
120	mud		N4			116				
130										
140										
150										

- green/gray color bands (upto 3cm thick)

(thin to) silt laminae @ 8, up to 8cm mud bed

- thin silt laminae @ 107, 146cm

Expedition 341 S. Alaska Margin:

Site: 181618 D Hole: 7H Core: 4A Top Depth: 0-150

Major Lithology: mud with silt Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	mud								HP, 6-28-13
10	mud with silt		10% silt					7 silt Curvinae fairly Curvinae 10% silt with NG	
20									
30									
40								dark mud patch	
50									
60								abs mud, no bio	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 0148 D 7H 5A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: interbedded silt + mud Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>weak silt + mud</u>		<u>N4</u>						<u>HB, 6-28-13</u>
10								<u>faintly laminated N4 with 10Y 4/1</u>	
20								<u>31 silt laminae mud ≤ 6cm</u>	
30									
40									
50									
60				<u>bowed, mud</u>					
70									
80									
90									
100	<u>mud silt</u>		<u>N4</u>			<u>fragments</u>		<u>faintly laminated N4 with 10Y 4/1</u>	
110	<u>silt</u>								
120	<u>□</u>					<u>□</u>		<u>Coarser, subrounded, 1.7cm, argillite</u>	
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: D Core: 74 Section: 6A Top Depth: 0-141

Major Lithology: interbedded silt + mud Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	fine silt								NB, 6-28-8
10	mud		114						
20								35 silt laminae	
30							302	mud, bio	
40									
50									
60									
70									
80									
90									
100	mud with silt		114			preserv			
110								2 silt laminae	
120	0					0		last 0.6 cm, subrounded, argillite	
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 D 7H 7H 0-7  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>interbedded silt + mud</u>								<u>AB, 6-28-13</u>
10								<u>28 silt laminae</u>	
20								<u>mud ≤ 6 cm</u>	
30			<u>N4</u>						
40				<u>bedded, mud.</u>					
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1118 D 7H CC 0-16

Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>interbedded silt + mud</u>		<u>light</u>	<u>drilled mud</u>				<u>5 silt laminae mud &lt; 3 cm</u>	<u>HB, 6-28-13</u>
10									
16	<u>PAL</u>								
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 84 Section: 1A Top Depth: 0-150

Major Lithology: mud Minor Lithology: interbedded silt + mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	mud								LAB, 6-28-13
10	silt silt		N4					5 silt laminae fairly laminated N4 with 10% G/L	
20									
30									
40									
50									
60									
70									
80									
84									
90	interbedded silt + mud		N4					11 silt laminae mud < 8cm laminated N4 with 6% G/L	
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 8H Section: 2A Top Depth: 0-150

Major Lithology: med Minor Lithology: interbedded silt + med

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>med silt + med</u>							<u>Sandy laminated 1/4 with 10% silt</u>	<u>HB, 6-28-13</u>
10			<u>10/4</u>						
30	<u>med silt</u>					<u>present</u>			
40	<u>med silt</u>		<u>10/4</u>					<u>Sandy laminated 10% silt with 10%</u>	
50								<u>4 silt laminae</u>	
60								<u>4 beds (N25) (FeO) laminae at 102, 110, 127, 146 cm.</u>	
70					<u>band med.</u>			<u>Quartzite pebbles, subrounded, 0.7 cm, at 102</u>	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 11418 D 2H 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud with silt Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0						present			HB, 6-28-13
10	mud with silt		10Y4/			3		9 silt laminae	
20								fairly laminated 10Y4/ with NG	
30									
40									
50								layers of block (NGS) mud (FeO)	
60									
70									
80								pebble + granule, subrounded asillite	
90									
100								granule, subrounded, asillite	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1145 Hole: D Core: 2H Section: 4A Top Depth: 0-150

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								8 mm clast, last lost	HB, 6-28-13
10	mud							massive mud	
30	sand					massive	333	volcanic ash, 5/5/1	
40	fine silt							pebble, subangular, argillite, tan 12 silt laminae	
50								fairly laminated ash 10/4/1	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: J Core: SH Section: SJ Top Depth: 0-120

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					present, clasts		finely laminated, mostly	HB, 6-28-13
10	mud with silt		N4			4		N4 with a few 10% 4/1 laminae	
20									
30								6 silt laminae	
40								4 pebble concretions, subrounded, 0.8-1.2 cm	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: UMR Hole: D Core: 84 Section: 6A Top Depth: 0-59

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>HB, 6-28-13</u>
10	<u>mud with silt</u>		<u>N4</u>					<u>5 silt grains</u>	
20				<u>coarsely mud.</u>				<u>massive mud</u>	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 D Hole: 8A Core: CC Section: 0-20  
 Top Depth:

Major Lithology: muud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	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>muud</u>							<u>massive muud</u>	<u>AB, 6-28-13</u>
10			<u>Ng</u>						
20	<u>PAL</u>								
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41478 D Hole: 9H Section: 1 Top Depth: 0-150

Major Lithology: med

Minor Lithology: ss

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								med with silt	JM 29.6.13
10								- few silt patches dispersed - few black matter	
20									
30			N4					clast @ 29 cm, $\phi$ 1.2 cm (in LH)	
40									
50	clayey	light color banding			slight		SS (45)	med (low silt)	
60									
70									
80									
90									
100	clayey		N4						
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 D 9H 2 0-150cm

Site: \_\_\_\_\_ Hole: \_\_\_\_\_ Core: \_\_\_\_\_ Section: \_\_\_\_\_ Top Depth: \_\_\_\_\_

Major Lithology: Med Minor Lithology: Silt

Offset (cm) Lithology Sed. Structures Color Drilling disturb. Bioturb. Accessories: (i.e. - shells, worm tubes, clasts, etc.) Samples Core Description: comments, contacts, recommended photos, other Logged by: JM Date: 29.6.13

0									med subbedded with silt
10	clayey								thin laminae (0.5cm), ca. 10
20	clayey								few black nodules
30									
40									
50									
60									
70									
80	clayey								
90									
100									
110									
120									
130									
140	clayey								
150									



Expedition 341 S. Alaska Margin:

Site: 41418 Hole: D Core: 9H-3 Section: 0-150 Top Depth:

Major Lithology: Mud Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 29.6.13
10			N4					Mud interbedded with silt - silt laminae (~15) are thin (0.5cm), dispersed throughout section	
30								clast @ 37cm, $\phi$ 0.6cm (~4H)	
40		slight color banding							
50				slight	light				
60									
70							SS (75)		
80									
90			N4						
100								clast @ 103cm, $\phi$ 0.5cm	
120									
130									
140								138-135cm: sand, lie to mid, erosive lower boundary, poorly sorted big peard	
150									

Expedition 341 S. Alaska Margin:

Site: U1418 D Hole: 9H Core: 4 Section: 0-150cm Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								clayey mud with few blade wottles	JM 29.6.13
10	Mud							- with silt laminae (5) at the bottom	(205)
20								- clast @ 21cm, $\phi 0.5cm$	
30			N4		slight			↓ mud with dispersed silt layers & laminae	
40								clast @ 35cm, $\phi 0.5cm$	
50									
60	bed								
70									
80								clast @ 77cm, $\phi 0.3cm$	
90								clast @ 85cm, $\phi 1cm$ , sub-angled black meta-sediment	
100			N4					clast @ 91cm, $\phi 0.4cm$	
110									
120									
130								clast @ 127cm, $\phi 0.3cm$	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 D Hole: 9H Core: 5 Section: 0-150cm Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 29.6.13
10								mud with silt - few star corals - 4 silt lenses (← D.P. - 145cm)	
20									
30									
40									
50	mud	Slight color banding	NK	slight banding	slight			clast @ 52cm, φ 0.3cm	
60									
70							SS (CG)	Led	
80									
90									
100									
110									
120									
130	mud		NK						
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 D Hole: 9H Core: 6 Section: 0-150cm Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								last @ 3cm, $\phi$ 0.8cm	JM 28.6.13
10								- mud with silt	
20								(few dispersed silt patches)	
30	mud		NK					- black mottles throughout section	
40									
50									
60									
70	mud								
80									
90			NK				SS (30)	mud	
100									
110									
120									
130	mud								
140									
150									

Expedition 341 S. Alaska Margin:

Site: L1418 D Hole: 9H Core: CC Section: 0-17.5c  
 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>Lead</u>								<u>JM</u> <u>29.6.13</u>
10	<u>Mud</u>		<u>N4W</u>	<u>1</u>	<u>0</u>			<u>4-17.5c: sand A/C to lead sand, erosive lower boundary</u> <u>→ CC is washed (moderate)</u>	
20	<u>PAL</u>							<u>17.5-21.5c: PAL sample</u>	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U 1418 D 10H 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		10Y4M	moderate to heavy				0-150	MF 29/JUN/13
10								* Mud (much clay)	
20								* black mottles (up to 2 cm large)	
30								↳ some bent black laminae	
40								↳ deformed black laminae	
50								x 1 pebble limestone	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 104 Section: 2A Top Depth: 0-150

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		10Y4H					0-150	MF 29/JUN/13
10								# Mud (much clay) # black mottle, (up to 2 cm) ↳ some bent black laminae	
20									
30									
35									
40									
50									
60									
70									
75									
80									
85									
90									
100									
110									
120									
130									
140									
150									

bent black laminae

moderate to heavy  
slight to moderate

# 76: pebble (angular) of black slate

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 10H Section: 3A Top Depth: 0-100

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		10y 4/1					<p>D-150:</p> <ul style="list-style-type: none"> <li>* Mud (mud clay)</li> <li>* black mottles (up to 1.5 cm)</li> <li>* some best black laminae, but less than in overlying sections</li> <li>* occasional deformed silt laminae &amp; silt pebbles</li> <li>* 2 limestones</li> </ul>	KF 29/JUN/13
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

mud - sil (moderate to heavy) clayst to moderate

silt

silt



Expedition 341 S. Alaska Margin: 41418 D 10H 4 0-150cm  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology: silt, fine sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 29 6' 13
10	<u>mud</u>		<u>10Y 4/1</u>					<u>mud with few clast - oolite</u>	
20								<u>clast @ 17cm, <math>\phi 0.8cm</math></u>	
30								<u>25-113cm: silt, sand, mud mixture</u>	
40									
50		<u>?</u>			<u>?</u>			<u>moderate to heavy</u>	
60			<u>10Y 4/1</u>					<u>sub - i</u>	
70									
80									
90									
100									
110									
120			<u>10Y 4/1</u>						
130									
140	<u>mud</u>								
150									

Expedition 341 S. Alaska Margin:

Site: U1418 D Hole: 10H 5 Core: 0-150cm  
 Section: \_\_\_\_\_ Top Depth: \_\_\_\_\_

Major Lithology: Med Minor Lithology: Sand/Silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								med silt - few black wobbles - sand & silt patches	JM 29.6.13
10									
20	clayey silt								
30					Slight			clast @ 33cm, $\phi$ 0.5cm	
40									
50									
60	clayey silt								
70									
80									
90								clast @ 87cm, $\phi$ 1cm	
100									
110	clayey silt								
120									
130									
140								clast @ 141cm, $\phi$ 0.8cm	
150									

Expedition 341 S. Alaska Margin: UAK18 3 10H 6 0-68c  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: ml 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									JM 29.6.17
10	clayey sand							clayey sand with few black nodules	
20									
30								2 clasts @ 27 & 28 - 60.6c	
40									
50								41-63c: silt & sand patches (bit of <sup>fine</sup> shells)	
60								irregular / erosive boundaries	
70								less silt	
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 D 104 CC 0-150  
 Site: Hole: Core: Section: 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									JH 29.6.13
10			N4		0			clayey mud	
20	PAL							15-20cm: sample	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: **U1418** D 114 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4						MF 29/Jun/13
10								<del>Interbedded silt and mud</del> Mud with silt	
20								Color banding (more greenish & greyish)	
30								Black mottles	
40		Sand patches						Lonestone(s): granule(s), pebble(s)	
50								Silt laminae; below ~94, discontinuous	
60								- Thickness: < 3 mm	
70								- Numbers: ~4	
80								- Spacing: 3 - 32 cm	
90								9-11 pebble: mica-rich metamorphic rock; sub-angular	
100								scattered <sup>silt</sup> sand patches (< 1.5 cm)	
110									
120									
130									
140									
150									

slight bowing



Expedition 341 S. Alaska Margin: **U1418 D** *114* *3A* *0-150*  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<i>Mud</i>		<i>N4</i>						<i>MF 27/Jul/13</i>
10								<i>Interbedded silt and mud mud with mott</i>	
20								<i>Color banding</i>	
25								<i>Black mottles (few; &lt; 2mm)</i>	
30								<i>Lonestone(s): granule(s), pebble(s)</i>	
40								<i>Silt laminae (discontinuous to continuous)</i>	
45								<i>- Thickness: &lt; 4mm</i>	
50								<i>- Numbers: ~15</i>	
55								<i>- Spacing: ~5mm - ~34cm</i>	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

*slight banding*  
*slight*

Expedition 341 S. Alaska Margin: **U1418** D. 114 4A D-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sec. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4						TF 29/Jul/13
10								Interbedded silt and mud	Mud with silt
20								Color banding	
30								Black mottles (some)	
30								Lonestone(s): granule(s), pebble(s)	
40								Silt laminae (continuous & discontinuous)	
50								- Thickness: < 2 cm	
50								- Numbers: < 10	
50								- Spacing: ~ 3 cm - > ~ 50	
60								Scattered mud clasts (< 1 cm)	
70								↳ less than 10 pcs.	
80								31-34: net with mud with mud laminae	
90									
100									
110									
120									
130									
140									
150									

silt part

black laminae

slight boring  
slight

g













Expedition 341 S. Alaska Margin: **U1418** D 124 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4						H 29/Jul/13
10								Interbedded silt and mud	
20								Color banding (greyish/greenish)	
25								Black mottles (few)	
30								Lonestone(s): granule(s), pebble(s)	
40								Silt laminae	
45								- Thickness: < 3 mm	
50								- Numbers: > 20	
55								- Spacing: ~5 mm - > 15 cm	
60								* scattered mud & sand clasts (< 5 mm)	
70								* some mud intervals with higher clay contents than others	
80									
90									
100									
110									
120									
130									
140									
150									

slight boring

Expedition 341 S. Alaska Margin: **U1418** D. 124 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sec. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4						TF 29/7/2013
10								Interbedded silt and mud	
20								Color banding (greyish/greenish)	
30								Black mottles (few & weak)	
40								Lonestone(s): granule(s), pebble(s)	
50								Silt laminae continuous & discontinuous	
60								- Thickness: < 5mm	
70								- Numbers: ~ 12	
80								- Spacing: ~ 3mm - ~ 25cm	
90								* mottled silt and sand clasts (< 5mm)	
100									
110									
120									
130								124-126: graded fine to very fine sand, erosive lower boundary sharp & irregular upper boundary	
140								Laminae: T: < 3mm	
150								N: ~ 6 pcs. S: ~ 2-5cm	





Expedition 341 S. Alaska Margin: **U1418** D 12H 5 0-150

Site: Hole: Core: Section: Top Depth:

Major Lithology: md Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								clayey mud	JM 29.6.13
10								Interbedded silt and mud X	
20			N4					Color banding ✓ Black mottles ✓	
30								Lonestone(s): granule(s), pebble(s) X	
40								Silt laminae of <u>dk</u> discontinuous - Thickness: <u>0.5-1cm</u> - Numbers: <u>19</u> - Spacing:	
50									
60									
70								clast @ 77cm, $\phi$ 0.5cm " 69cm, $\phi$ 0.8cm	
80								clast @ 81cm, $\phi$ 0.5cm	
90									
100									
110			N4					clast @ 108cm, $\phi$ 1cm	
120									
130									
140									
150									

light to moderate sowing

silt



Expedition 341 S. Alaska Margin: **U1418 D** 12H 7 0-60  
 Site: \_\_\_\_\_ Hole: \_\_\_\_\_ Core: \_\_\_\_\_ Section: \_\_\_\_\_ Top Depth: \_\_\_\_\_

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								clayey med	JM 29.6.13
10								Interbedded silt and mud	
20								Color banding	
25								Black mottles few	
30								Lonestone(s): granule(s), pebble(s) X	
40								Silt laminae	
45								- Thickness:	
50								- Numbers:	
55								- Spacing:	
60								2 casts @ 6cm, 0.5cm $\phi$	
70								clast @ 21cm, $\phi$ 0.5cm	
80									
90									
100									
110									
120									
130									
140									
150									

med

NK  
 (10-20  
 4m)

0

SCIPSA

clayey med

Interbedded silt and mud

Color banding

Black mottles few

Lonestone(s): granule(s), pebble(s) X

Silt laminae

- Thickness:

- Numbers:

- Spacing:

2 casts @ 6cm, 0.5cm  $\phi$

clast @ 21cm,  $\phi$  0.5cm



Expedition 341 S. Alaska Margin: U1418 D 13H 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4	massive like heavy					MF 29/JUN/13
10								0-150: * Mud	
20								* scattered patches of silt & sand; looks partly like "leftover" of net laminae	
30									
40									
50									
60									
70								* Disturbance:	
80								* sand along entire liner wall	
90								* heavily bent/disturbed part of laminae (nick-in)	
100								* many small cracks (<1cm wide; <2mm high)	
110								↳ elpasmic cracks? gas?	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 D 134 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-150 * Mud * scattered patches of silt & sand	YF 29/JUN/13
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 D 13H 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-65 * Mud * scattered patches of silt & sand	YF 29/JAN/13
10									
20									
30									
40									
50									
60								65-103 highly deformed interval of sand (coarse to fine sand; not well sorted; quartz rich)	
70									
80									
90									
100								103-150 * Interbedded silt with mud * slight colour banding * silt laminae ↳ discontinuous; 1 pcs; ~2 mm * sand patches / silt patches ~ 1 cm * longhairs	
110									
120									
130									
140									
150								sand along lines well above ~139 cm	







Expedition 341 S. Alaska Margin: **U1418** D 13 H 6 0-100cm  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								clayey mud	JM 29.6.13
10								Interbedded silt and mud X	
20								Color banding <u>very slight</u>	
30								Black mottles-	
30								Lonestone(s): granule(s), pebble(s) X	
40								Silt laminae <u>one discontinuous</u>	
50								- Thickness: <u>0.5cm</u>	
50								- Numbers: <u>16</u>	
50								- Spacing: <u>several cm</u>	
60								( ) mud	
80								last @ 82cm, $\phi$ 0.6cm	
100									
110									
120									
130									
140									
150									

mud

silt

N4

slight sawing

0

ss (57)

( ) mud





Expedition 341 S. Alaska Margin: **U1418** D... 14H 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-115: Mud; disturbed - mussel-like 115-150: Interbedded silt and mud Color banding (greenish/greyish) Black mottles (few) Lonestone(s): granule(s), pebble(s)  Silt laminae <i>continuous / discontinuous deep lower boundaries</i> - Thickness: < 7 mm - Numbers: ~ 7 - Spacing: 1 cm - ~ 5 cm  * scattered with patches	HF 29/JUN/13
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

mussel-like (heavy)

slight boring

slight

Expedition 341 S. Alaska Margin:

U1418 D. 14H 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4						MF 29/7un/13
10								Interbedded silt and mud	
20								Color banding (greenish/greyish)	
25								Black mottles (few)	
30								Lonestone(s): granule(s), pebble(s)	
40								Silt laminae continuous & discontinuous sharp lower boundaries	
45								- Thickness: < 17mm, mostly ~ 4mm	
50								- Numbers: ~40	
55								- Spacing: 0.5 - ~20 cm	
60								* scattered ill patches	
70									
80									
90									
100									
110									
120									
130									
140									
150									

slight burrows  
slight









Expedition 341 S. Alaska Margin:

Site: U1418 D Hole: 14H Core: 6 Section: 0-89  
 Top Depth:

Major Lithology: med Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									
10								clayey and interbedded with fine (9) thin (0.5cm) silt laminae	JM 29.6.13
20			N4						
30		Color banding							
40									
50									
60									
70								64-85cm: drusy det. sand now not completely filled (s-r ?!) → heavy	
80			N4						
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41418 Hole: D Core: AKH Section: CC Top Depth: 0-70

Major Lithology: M-L Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	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			AKH - d	JH 29.6.13
10	PAL							7-12 ← : PAL	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: **U1418** D 15H 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-120	MF 29/JAN/13
10								Interbedded silt and mud <del>Mud with silt</del> Color banding greenish / greyish	
20								Black mottles; generally few, but more below ~120	
30								Lonestone(s): granule(s), pebble(s) ↳ ~70 cm 2 cm; subangular, mafic(?) fragments	
40								Silt laminae - continuous/discontinuous - Thickness: < 1 cm - Numbers: ~25 - Spacing: ~4 mm - ~40 cm - Lower boundary: sharp - Gradational/massive	
50									
60									
70									
80									
90									
100									
110									
120	DO								
130									
140									
150									

slight banding  
slight

moderate

Sand bed/lamina  
- Sand size  
- Thickness  
- Numbers  
- Spacing  
- Lower boundary  
- Gradational/massive

\* more greenish between ~120-145 cm  
↳ Diatom ooze







Expedition 341 S. Alaska Margin: **U1418** D 15A 5 0-151c  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: hd Minor Lithology: Silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								Interbedded silt and mud Mud with silt	JM 29.6.13
10	clayey hd							Color banding	X
20								Black mottles	
30			NF					Lonestone(s): granule(s), pebble(s)	3
40									
50								Silt laminae	
60								- continuous/discontinuous	
70	clayey hd							- Thickness: 0.5-1cm	
80								- Numbers: 25	
90								- Spacing:	
100								- Lower boundary	
110								- Gradational/massive	
120								Sand bed/lamina	
130								- Sand size	
140								- Thickness	
150								- Numbers	
								- Spacing	
								- Lower boundary	
								- Gradational/massive	
								Mud/silt/sand clasts	
								Size	

silt sawing  
how to rig









Expedition 341 S. Alaska Margin: **U1418** D 164 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4						MF 29/JUN/13
10								Interbedded silt and mud Mud with silt	
20								Color banding greenish / greyish	
30								Black mottles; few occasional black laminae	
40								Lonestone(s): 4 granule(s), pebble(s)	
50								Silt laminae	
60								- continuous/discontinuous	
70								- Thickness: < 5mm	
80								- Numbers: ~23	
90								- Spacing: ~5mm - ~35mm	
100								- Lower boundary: erosive graded	
110								- Gradational/massive	
120								<del>Sand bed/lamina</del>	
130								<del>- Sand size</del>	
140								<del>- Thickness</del>	
150								<del>- Numbers</del>	
								<del>- Spacing</del>	
								<del>- Lower boundary</del>	
								<del>- Gradational/massive</del>	
								Mud/silt/sand clasts: few Size < 1cm	
								intervals with macrofossils / based on smear slide from 130	

Expedition 341 S. Alaska Margin: **U1418** D 164 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					Interbedded silt and mud Mud with silt	KF 29/JUN/13
10								Color banding greenish/greyish	
20								Black mottles <sup>fine</sup> some black laminae (~10 pcs.)	
30								Lonestone(s): 5 granule(s), pebble(s)	
40									
50								Silt laminae - continuous/discontinuous	
60								- Thickness: < 5 mm	
70								- Numbers: ~25	
80								- Spacing: ~5 mm - ~11 cm	
90								- Lower boundary: sharp	
100								- Gradational/massive	
110								Sand bed/lamina - Sand size: very fine	
120								- Thickness ~5 mm	
130								- Numbers 2	
140								- Spacing	
150								- Lower boundary: <sup>gradual</sup> coarse	
								- Gradational/massive	
								Mud/silt/sand clasts Size < 1 cm	

Expedition 341 S. Alaska Margin: **U1418** D 16H 3A 0-100  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4					0-38: $\Delta$ 68 laminae	Interbedded silt and mud Mud with silt
10								Color banding greenish/greyish	
20					slight			38-72: oxidation zone with volcanic ash + 2 lamina (silt) ( $\approx$ 2mm thick)	Black mottles few one black laminae
30								Lonestone(s): granule(s), pebble(s)	
40	oo		10y 4/1					72-144: as 0-38 + ~15 laminae	Silt laminae - continuous/discontinuous - Thickness: < 5 mm - Numbers: see left
50					moderate			144-147: Sand; see $\Delta$	- Spacing: ~3mm - ~22cm - Lower boundary: sharp - Gradational/massive
60								147-150: as 0-38 + 1 lamina	Sand bed/lamina - Sand size: medium to fine - Thickness: 3 - Numbers: 1 - Spacing
70			N4		slight				- Lower boundary: loose graded - Gradational/massive
80									
90									
100					slight				
110									
120									
130									Mud/silt/sand clasts: few Size < 5mm
140									
150			5y 4/1						

Expedition 341 S. Alaska Margin: U1418

Site:

Hole:

Core:

Section:

Top Depth:

16th

4

0-151cm

Major Lithology: Mud

Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								clayey mud	JM 29.6.13
10								Interbedded silt and mud X Mud with silt	
20								Color banding slight	
30			N4					Black mottles X	
40								Lonestone(s): 7 granule(s), pebble(s)	
50								Silt laminae	
60								clast @ 52cm, phi 0.2cm 5 clasts ...	
70								- continuous/discontinuous - Thickness: 0.5-1cm - Numbers: 34 - Spacing: none on top - Lower boundary sharp - Gradational/massive	
80								Sand bed/lamina	
90								- Sand size	
100								- Thickness	
110								- Numbers	
120								- Spacing	
130								- Lower boundary	
140								- Gradational/massive	
150								Mud/silt/sand clasts Size	











Expedition 341 S. Alaska Margin: U14CB D 17H 1A 141.80m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD w/ 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	JUNE 29 2013
0										
10										
20								- greenish gray color bands (2mm to 3cm thick) - sparse black mottling		
30	mud w/silt	COLOR BANDS	NH		none	absent				
40								silt laminae @ 11, 36, 74cm + patches		
50										
60										
70										
80								84-86: N3 sand patches		
90										
100	di. bearing mud									
110	END									
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

W418  
Site:

D  
Hole:

17H  
Core:

2A  
Section:

142.95m CSE-A  
Top Depth:

Major Lithology: MUD

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	June 29 2013
0						present (some granules)				
10										
20										
30	diatom bearing mud		N4		none					
40								- sparse black mottling		
50	mud		N4					- silt patches @ 6, 44, 69, 110cm		
60										
70										
80										
90										
100						SH (>2mm)				
110										
120										
130	diatom bearing mud									
140										
150										

Expedition 341 S. Alaska Margin:

11418

D

17H

3A

144.45m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Diatom bearing mud

Minor Lithology: MUD

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: June 29 2013
0										
10										
20								SS16 - diatom bearing mud		
30										
40	diatom bearing mud		N4		none	absent				
50										
60										
70								silt patches, 5Y 3/1 (2-3 mm dia.) → 67-87cm		
80										
90										
100										
110	SSi					present		100-114: 5cm dia. meta siltstone		
116.5	sand	NG	N3					sand SS16 115-116.5 = normal graded sand		
120	d.b. mud					absent				
130										
140	mud		N4			present				
150										

Expedition 341 S. Alaska Margin: U418 D 17H 4A 145,95 m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: inter-bedded silt + mud Minor Lithology: MUD

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 29 2013
0										
10	mud		N4							
20										
23										
30	inter-bedded silt + mud				none					
40								-silt: thin laminae to laminae, ~14 count mud up to 15cm thick, but avg. ~ 5cm		
50										
60										
70										
80										
90										
100										
110										
120	mud		N4							
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 17H Section: 5A Top Depth: 0-150

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									AB, 6-29-13
10	<u>mud w/ silt</u>								
20			<u>04</u>						
30								<u>5000 siltstone published in UH!</u>	
40									
50									
60								<u>7 silt + siltstone</u>	
70									
80									
90									
100	<u>interbedded silt + mud</u>				<u>sorted, mud.</u>				
110			<u>04</u>					<u>172H laminar mud &lt; 10 cm</u>	
120									
130									
140								<u>same mud, no bar</u>	
150									



Expedition 341 S. Alaska Margin:

Site: 11418 Hole: D Core: 17H Section: 6A Top Depth: 0-145

Major Lithology: mud with silt 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						present			AB, 6-29-13
10	mud w. silt								
20								silt laminae	
30									
40			Nh						
50									
60									
70									
80									
90									
95									
100	sand					clast	SS100	sand 5/4/1, coarse base some along core sand disturbance	
101	mud w. silt					present			
110			Nh						
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 D Hole: 17H 7A 0-57  
 Core: 11418-57 Section: Top Depth:

Major Lithology: mud Minor Lithology: fine-gr. silt + mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	fine-gr. silt + mud					present			XB, 6-29-13
10			N4					11 silt laminae mud & sea	
20								clast, 1.5 cm, subangular siltst.	
30									
40	fine-gr. silt		N4	lowed, mud.					
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1118 Hole: J Core: 17H Section: CC Top Depth: 0-16

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>cm2</u>					<u>AB, 6-29-13</u>
10	<u>PAL</u>								
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U14(B) D 18H 1A 151.30m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 29 2013
0						some granules				
10				MOUD (mod. to high)						
20				LIKE				-black mottling		
30	mud		N4	GASEXPANSION (mod. to high)	none			31-31: silt patch		
40										
50										
60										
70										
80										
90										
100						103 (>2mm)				
110							SS112	mud, no bio		
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 D 18H 2A 152.80m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Diatom bearing mud Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 29 2013
0						>2mm ↓				
10	mud		N4							
20	<u>clast</u> diatom bearing mud	gradations	10Y4/1					15-17: 2.5cm quartzite		
30						31				
40					none	42		18-20cm: black mottling		
50						52				
60						63				
70										
80										
90										
100		gradations								
110	mud w/ silt		N4			absent				
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U141B D 18H 3A 154.30m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: inter-bedded silt & mud Minor Lithology: mud w/ silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 29 2013
0										
10										
20										
25	mud w/ silt		N4							
30										
35										
40	sand	NG	N3		none		ss42-sand			
45										
50										
60										
70	inter-bedded silt & mud		N4					~20 silt laminae, muds < 1 to 10cm thick		
80										
90										
100										
110										
120										
130										
140	diatom bearing mud		N4					141-150: black mottling		
150										

Expedition 341 S. Alaska Margin: U1418 D 18H 4A 155.80m 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	JUNE 29 2013
0						absent				
10										
20										
30	DIATOM BEARING MUD									
40										
50			10Y 4/1		none			0-120.5: sparse black mottling.		
60										
70										
80										
90										
100										
110										
120	silt	N6	5Y 4/1					120.5-122: normally graded silt, grad at mid upper		
130	DIATOM BEARING MUD		5Y 4/1		slight			122-134: black mottling		
134	sand	N6	N3							
138							SS120	sand		
140	mud		N4							
150										

Expedition 341 S. Alaska Margin: M418 D BH 5A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology: silt

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-29-13
10	mud							faintly laminated, N4 with 10% silt color mottled	
20			N4						
30									
40									
50									
60	mud w. silt		(5% silt)	bound, mud	mud.			1 silt lamina at 68 cm, mottled grey-green bioturbation	
70									
73									
80	mud		N4	bound, mud				faintly laminated N4 with 10% silt	
90									
94									
100	mud		10% silt		strains			shredily mottled 10% silt with N25 (10% silt) FeO? diol. box	
110									
118	silt		N4					silt with mud	
120									
130	mud		10% silt		strains				
140									
141	silt		N4					silt with mud	
144			10% silt						
150									



Expedition 341 S. Alaska Margin:

Site: 114/8 Hole: D Core: 18H Section: 6A Top Depth: 0-151

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		Scarcely			mottled 10Y4/1 with 12.5	HB, 6-29-13
10	mud with silt		10Y4/1					mud with silt	
17	mud		10Y4/1					mottled 10Y4/1 with 12.5 (FeO?) bioturbated, strongly	
20									
30			10Y4/1						
40									
50									
60									
70									
80					Fractured				
90									
100							also diatom r. mud		
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U618 Hole: D Core: 18H Section: 7A Top Depth: 0-54

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									
10	wood		10/4/1					wood 10/4/1 with #2.5 (Feo)	#B, 6-29-13
20					shells				
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1415 D Hole: 154 Core: CC Section: 0-22 Top Depth:

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-29-13
10	mud		10/10/1		sturb				
20	PAZ								
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U14B D 19H 1A 160.80m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud (w/ silt) Minor Lithology: inter-bedded silt & mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 27 2013
0						> 2mm ↓				
10				M O D E R N C O S T A L M A S S I F I C A T I O N						
20				mod. to high						
30	mud w/ silt									
40			N4							
50				B O W E D (Slight)						
60										
70	inter-bedded silt & mud		N3		none					
80						absent				~15 silt laminae w/ mud 1-5cm thick → some N5
90										
100										
110	mud		N4							silt patch @ 116, 130cm
120										SS122 - mud, no bio.
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 D 19H 2H 162.30m 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: Childress	Date: June 29 2013
0						>2mm				
10	inter-bedded silt & mud		N4					~7 thin silt laminae, w/ mud 2mm to 3cm thick		
20										
30	mud									
40										
50					none					
60										
70	inter-bedded silt & mud							~9 silt laminae, w/ 1-5cm thick mud, some NS		
80										
90										
100	mud									
110										
120	inter-bedded silt & mud		N3					~12 silt laminae, with 1-10cm thick mud, NS or N4 color		
130										
140										
150										

Expedition 341 S. Alaska Margin: 41418 Site: D Hole: 19H Core: 3A Section: 163.80 m CSF-A Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 29 2013
0										
10	inter-bedded silt + mud		N3					← thin to laminae silt, with 1-5cm mud, largest silt normally graded		
16.5										
20	sand irregular	NG	N3			>2mm ↓ 25				
30		COLOR								
40		BANDS								
50	mud w/silt		N4			49		← green/gray color bands (~1-2cm thick)		
60										
70										
80										
90	inter-bedded silt + mud							← ~14 silt laminae, with 1-12cm thick mud, some N5		
100										
110										
120										
130			N3							
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 19H Section: 4A Top Depth: 0-150

Major Lithology: interbedded silt + mud Minor Lithology: mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-29-13
10	<u>u/b silt mud</u>		<u>W4</u>					<u>19 silt laminae, mud ≤ 4cm</u>	
50	<u>mud w/ silt</u>		<u>W4</u>						
60							<u>SS60</u>	<u>mud, no bto</u>	
90	<u>u/b silt mud</u>		<u>W4</u>					<u>35 silt laminae mud ≤ 3cm</u>	
140							<u>SS138</u>	<u>ash? 576/1 diatom bearing mud</u>	

Expedition 341 S. Alaska Margin: U1418 D 194 5A 0-150  
 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>intob. silt. med</u>		<u>N4</u>					<u>9 silt Caucinae, med zone</u>	<u>AB, 6-29-13</u>
10									
20	<u>und</u>		<u>N4</u>						
30									
40		<u>△</u>	<u>N4</u>					<u>sand last erosive base/disturbed?</u>	
50	<u>und</u>								
60	<u>uv. silt</u>		<u>N4</u>						
70				<u>board, dist</u>				<u>6 silt Caucinae</u>	
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: 11418 Hole: D Core: 19H Section: 6A Top Depth: 0-126

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					massive mud	JB, 6-29-13
10									
20									
30								no fossils, no bioturbation	
40									
50									
60									
70									
80									
90								9% sand	
94								irregular top	
96								irregularly distributed	
100	mud		N4					massive mud	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U418 Hole: D Core: PH Section: 7A Top Depth: 0-67

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									HB, 6-29-13
10	<u>mud</u>								
20			<u>NG</u>						
30					<u>strong</u>				
40				<u>gas expansion</u>					
50	<u>VOID</u>								
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U14B  
Site:

D  
Hole:

20H  
Core:

1A  
Section:

170.30m 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: JUNE 29 2013
0				SOUP				mod. soupy		
10										
20			564/1							
30	diatom rich mud							intermittent gray/black mottling		
40					slight to mod.					
50							SS48	diatom rich mud		
60										
70										
80										
90										
100										
110	SAND	N6	N2.5							
120	diatom bearing mud		564/1				SS112	mod. bowed diatom bearing mud		
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 20H Section: 2A Top Depth: 171.80m CSF-A

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 29 2013
0	mud		N4							
10	sand		N3	off						
20				off						
30				off						
40	mud w/silt			off						
50				off						
60				off						
70				off						
80				off						
90				off				all highly disturbed		
100				off						
110				off						
120	mud w/sand			off						
130				off						
140				off						
150				off						

Expedition 341 S. Alaska Margin: U1410 D 20H 3A 173.31m 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: JUNE 29 2013
0										
10										
20								- greenish gray color bands		
30	mud	COILED BUNDLES	N4	DRILLING DISTURB (right)						
40										
50										
60	mud w/silt									
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1415 Hole: D Core: 2cH Section: 4A 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>AB, 6-29-13</u>
10									
20	<u>5</u>							<u>sand patch</u>	
30									
40			<u>NY</u>						
50				<u>reach- in, bits to destroyed</u>					
60									
70									
80									
90									
100									
110									
120									
130									
140									
150	<u>5</u>							<u>sand patch</u>	

Expedition 341 S. Alaska Margin: U1418 D 204 SA 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>mud</u>								<u>HP, 6-29-13</u>
10			<u>N4</u>						
20									
30				<u>sed. in core to destroyed</u>			<u>330</u>	<u>mud</u>	
40									
50									
60									
70									
80	<u>mud with silt</u>		<u>N4</u>					<u>11 silt Carinac</u>	
90									
100				<u>sed</u>					
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 11418 D 20H 6A 0-150  
 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									AB, 6-29-13
10	und							18 silt. <i>Quinac</i>	
20	with silt		U4						
30									
40									
50									
60									
70									
76									
80									
90	und		U4						
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 204 Section: 7A Top Depth: 0-70

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									Logged by: <u>AB</u> Date: <u>6-29-13</u>
10	<u>und</u>								
20									
30			<u>Ng</u>						
40				<u>rock is destroyed</u>			<u>ss</u>	<u>und</u>	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1118 Hole: 2 Core: 20H Section: CC Top Depth: 0-33

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									HB, 6-29-13
10	<u>med</u>		<u>Wk</u>	<u>sed. v. disturb.</u>					
20									
30	<u>FAL</u>								
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418

D

21H

1A

179.80m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 29 2013
0	mud		5GY 4/1	20-25						
10										
20										
30						absent				
40	mud w/silt		N4		none		SS40	mud; w/silt		
50										
60										
70			5GY 4/1							
80	diatom bearing mud						SS80	diatom-bearing mud		
90										
100					mod.					
107	sand	NG	N3							
109	d.b. mud		5GY 4/1							
117	sand	NG	N3							
119	d.b. mud		5GY 4/1							
127										
130	mud		N4							
140										
150										

Expedition 341 S. Alaska Margin:

U1418  
Site:

D  
Hole:

21H  
Core:

2A  
Section:

101.30m 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	JUNE 29 2013
0						72mm				
10	mud w/silt		N4							
20			gradation							
			50Y 4/1			26				
30						30				
40										
50	mud					47				
60										
70						64				
						69				
80					slight					
90						burrows	→ ~ 1cm x 2mm			
100						100				
						105				
110	<sup>111</sup> Sand		N3	SOP						
	<sup>114.5</sup>									
120	mud		50Y 4/1							
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 D 21H 3A 182.80m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: inter bedded silt & mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 20 2013
0										
10										
20	mud									
30										
40										
50										
60			50% 4/1	B O W E D (slight)						
70	inter bedded silt & mud							12 silt laminae, with 1-1.5cm mud intervals		
80										
90										
100										
110										
120						122 -> 2mm clast				
123										
130	mud									
140										
150										

Expedition 341 S. Alaska Margin:

Site: 111418 Hole: D Core: 214 Section: 4A Top Depth: 0-150

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	mud		10Y 4/1						HB, 6-29-13
10	mud co. silt							5/3/11 113 veg. dark grey 11 cu veg. dark grey	
20	mud w. silt		10Y 4/1						
30								11 silt laminae	
40									
50									
60									
70									
80									
90									
100									
110									
120									
127									
130	unbb. silt + mud		10Y 4/1					7 silt laminae mud = 6 cu	
140									
150									

Expedition 341 S. Alaska Margin:

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

Major Lithology: mud Minor Lithology: sub-laminated silt + mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<u>mud</u>								<u>HB, 6-29-13</u>
10	<u>silt + mud</u>		<u>10Y4/1</u>					<u>13 silt laminae, mud &lt; 2 cm</u>	
20									
30									
40	<u>mud</u>			<u>↑</u>					
50			<u>10Y4/1</u>	<u>↓</u>					
60									
70									
80									
90									
100									
110									
120									
130	<u>mud, silt + mud</u>		<u>10Y4/1</u>			<u>present</u>		<u>granule, angular, silt laminae, mud &lt; 7 cm</u>	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: D Core: 2141 Section: 6A Top Depth: 0-101

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									HB, 6-29-13
10	mud w. silt		N4					1 sample, note, at 38.5 cm	
40								grainy, angular silt	
50								1 cm grayish gray	
50								0.5 very dark gray	
50-55	well sorted silt		N4			present		543h	
55-60								545h - calc. brach. silt	
100								3 cm limestone, corals	



Expedition 341 S. Alaska Margin:

Site: 11418 Hole: D Core: 214 Section: 7A Top Depth: 0-10079

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	Uccid							pebbles, O.S. con, sub- angular	HB, 6-29-13
10	soft silt		N <sub>4</sub>						
20									
30									
40									
50									
60									
70	PAZ								
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418

D

22H

1H

189.10m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud (w/silt)

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 29 2013
0						2mm ↓				
10										
20							SS20	mud, no bio		
30	mud w/silt		N4							
40					none					
50										
60						65				
70										
80										
90						93		93cm: silt laminae		
100										
103 104.5	ASH		5Y 5/1	SOLP			SS104	ash, poorly sorted extreme sump		
110										
120	mud w/silt		N4	BOWED (slight to mod.)				silt laminae @ 113, 134, 140 cm		
130										
140										
150										

Expedition 341 S. Alaska Margin:

U1418 Site: D Hole: 22H Core: 2A Section: 190.54m CSF-A Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: June 29 2013
0										
10	inter bedded silt:mud							4 silt laminae, with 4-9cm mud intervals (N5)		
20			N4							
34										
40			10Y 4/1							
50	mud w/sand	PATCHES						small (~2mm) sand patches		
60							57 61			
70										
80							75 76			
81										
90										
100	mud w/sand		N4					sand @ 81-82, 118-120cm (drilling disturbed + patches, irregular lower contacts, w/gradational upper)		
110							104 106 109			
120							122			
130							129 132			
140										
150							147			

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 22H 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						HB, 6-29-13
7	sand	△	N5					sand	
10	mud		N4			clast present		laminated U4-U3	
20									
30						clast		few, angular, siltstone	
33		△	N5					sand	
40	mud					clast present		fairly laminated N4-N3	
50			N4						
60									
70									
80	mud w. silt		N4			clast present		8 silt lenses	
90								fairly laminated N4-N3	
100									
110									
120	mud		N4						
130									
140	hw								
150									

Expedition 341 S. Alaska Margin: 11418 D 22H 4A 0-151

Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology: interbedded silt + mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	mud		N4						HB, 6-29-13
10									
20	int. bed silt + mud		N4					29 silt + laminae mud ≤ 4 cm	
30									
40									
50									
60									
70									
80	mud		10Y4/1	horizontal silt		clasts present			
90									
100									
110									
120									
130	mud w. silt		N4					5 silt laminae	
140									
150									

Expedition 341 S. Alaska Margin:

Site: 1148 Hole: D Core: 224 Section: SA Top Depth: 0-114

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			clasts present			
10									
20									
28									
30	interb. silt		N4					laminated N4 with 10% silt	
40	mud								
50								31 silt laminae	
60								mud ≤ 6cm	
70									
80									
90									
100									
109									
110									
120									
130	RL								
140									
150									

Expedition 341 S. Alaska Margin: U141B D 23H 1A 196.40m 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, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: <u>Childress</u>	Date: <u>JUNE 29 2013</u>
0						2mm ↓ + granules				
10						13				
20										
30	<u>mud w/silt</u>		<u>N4</u>		<u>none</u>	<u>30</u>		<u>-silt laminae @ 25, 50, 61, 96cm + patches</u>		
40										
50										
60										
70								<u>70-76: black mottling</u>		
80										
90										
100										
110		<u>106</u>								
120		<u>107</u>						<u>greenish gray color bands (2mm to 2cm thick)</u>		
130						<u>133</u>				
140										
150										

Expedition 341 S. Alaska Margin: W418 D 23H 2A 197.80m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									Childress JUNE 29 2013
10									
20									
30									
40									
50	mud	ROTOR	N4					greenish gray color bands (2m to 2cm thick)	
60	LO1 LO2 sand	INDOZEB	N3		none				
70									
80	mud		N4						
90						BB			
100									
110	mud w/sand	PAT CHES	105Y 4/1					SS113 sand patches mud, no bio	
120						122 125			
130	mud		N4						
140								142: pyrite (sand sized)	
150									



Expedition 341 S. Alaska Margin: u1418 D 23H 3A 199.30m CSF-A  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: JUNE 29 2013
0						>2mm ↓ +granules				
10										
20										
30	mud		N4							
40						40				
50					none					
60	inter-bedded silt/mud							Ø silt laminae, w/ mud 1-1.2cm thick		
70										
80										
90										
94	SAND	NG	N3							
96.5										
100										
110	mud w/ silt		N4					silt @ 107, 122, 135cm		
120						120 123				
130										
140	IW						IW			
150										

Expedition 341 S. Alaska Margin:

Site: UWS Hole: D Core: 23H Section: 4A Top Depth: 0-150

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									AB, 6-29-13
2	o					clastic pebbles		gravel	
10	mud w. silt						3	11 silt laminae	
20	o							pebble 1 cu,	
30	o		10%					gravel	
40									
50									
60									
70	mud		10% 1/1	normal, slight		clastic pebbles		gravel	
80									
90									
100							ss 127	mud with silt	
110									
120								sand	
127							ss 127	10% 2.5/1	
128									
130	mud		10%						
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 73H Section: 5A Top Depth: 0-(147)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>foraminifera</u>			<u>AB, 6-29-13</u>
10	<u>mud with silt</u>					<u>2</u>		<u>3% foraminifera</u>	
20			<u>N4</u>						
30									
40									
50	<u>o</u>			<u>along core, silt</u>		<u>o</u>		<u>granule, siltstone</u>	
60	<u>o</u>							<u>silt, paleosol, only 1-2mm thick, mud underneath =&gt; core disturbance</u>	
70									
80									
90	<u>o</u>					<u>o</u>		<u>granule, siltstone</u>	
100									
110	<u>o</u>							<u>silt, paleosol</u>	
120									
130									
140									
150	<u>PRAL</u>								

Expedition 341 S. Alaska Margin: U1418 D 24H 1A 203.20m CSF-A  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUN 29 2013
0										
10										
20										
30	mud w/silt	COLOR BANDS	N4		none			greenish gray color bands (mm to 3cm thick)		
32										
40										
50	calc. bearing mud									
60							SS60	calcareous bearing mud		
70										
80										
82										
89	mud w/silt									
90										
100										
110										
120										
130										
130						130-1.5cm		meta siltstone		
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 24H Section: 2A Top Depth: 205.30m CSF-A

Major Lithology: MUD

Minor Lithology: Inter-Bedded MUD & SILT

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: <u>Childress</u>	Date: <u>June 29 2013</u>
0										
10										
20										
30										
40	<u>mud</u>		<u>N4</u>		<u>none</u>	<u>37</u> <u>39</u>				
50										
60										
70		<u>57</u>								
80	<u>inter-bedded silt &amp; mud</u>	<u>COLOR BANDS</u>		<u>slight</u>		<u>77</u>		<u>- greenish gray color bands (mm to 2cm thick)</u> <u>- silt laminae with 2-10cm mud intervals</u>		
90		<u>↓</u>								
100										
110										
120		<u>118</u>								
130	<u>mud</u>							<u>- silt @ 133, 140 cm</u>		
140										
150										

Expedition 341 S. Alaska Margin: U1418 D 24H 3A 206.80m CSF-A  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 29 2013
0										
10										
20	inter-bedded silt & mud		N4		none			- 10 silt laminae, with 5mm to 10cm mud intervals		
30										
40										
50										
60										
70										
80	mud									
90								silt laminae @ 93cm		
100						100-105: 5.5 cm clast		crack from clast → unknown plutonic		
110										
120	inter-bedded silt & mud							6 silt laminae, with 1-10cm mud intervals		
130										
140	lw						lw			
150										

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: D Core: 26H Section: 4A Top Depth: 0-150

Major Lithology: mud

Minor Lithology: interbedded silt + mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	mud					clasts present		11 silt. laminae	#B, 6-29-13
10	mud with silt							faintly laminated	
20			N4					10% with bit 4H	
30									
40									
50	mud with silt							pebbles, clay, subrounded, silt laminae	
60	mud with silt							5 silt laminae	
70			10% 4H					faintly laminated	
80								10% 4H with N4	
90									
100	mud with silt + mud		10% 4H					27 silt laminae	
110								mud 45 cm	
120								faintly laminated	
130								10% 4H with N4	
140									
150									

Expedition 341 S. Alaska Margin: U1418 D 24H SA 0-131  
 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>clasts</u>		<u>granule, subrounded, siltstone</u>	<u>HB, 6-29-13</u>
10	<u>w. silt</u>		<u>NH</u>			<u>percent 4</u>			
20								<u>fairly laminated</u>	
								<u>NH with 10% H</u>	
40								<u>6 silt laminae</u>	
70	<u>□</u>					<u>□</u>		<u>granules, siltstone, subrounded</u>	
90	<u>○</u>					<u>○</u>		<u>granule, siltstone, subrounded</u>	
110	<u>○</u>					<u>○</u>		<u>granule, siltstone, subrounded</u>	
150									



Expedition 341 S. Alaska Margin:

Site: 11415 Hole: D Core: 26H Section: GA Top Depth: 0-65

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								LAB, 6-29-13
10									
20							SZB	mud w. silt, no bro	
30			W4	flown heavy					
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 00418 Hole: D Core: 24H Section: CC Top Depth: 0-19

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									
10	mud		ng	flow-i					
20	PAL								AB, 6-29-13
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: **U1418 D** 25H 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4					0-32: Interbedded silt and mud Mud with silt	MF 30/Jul/13
10								Color banding greyish / greenish	
20								Black mottles few & small	
30								Lonestone(s): granule(s), pebble(s)	
40								32-150: * mud with silt * some discontinuous silt laminae * scattered mud / sand particles (< 1 cm)	
50								Silt laminae - continuous/discontinuous - Thickness: < 5 mm - Numbers: 9 - Spacing: 5 mm - 8 cm - Lower boundary: sharp - Gradational/massive	
60								* 13 granule lonestones * intervals with volcanic clasts bearing mud (hard on smear slide from 78 cm) * slight colour banding	
70								Sand bed/lamina - Sand size - Thickness - Numbers - Spacing - Lower boundary - Gradational/massive	
80									
90									
100									
110									
120									
130									
140									
150								Mud/silt/sand clasts Size	

Expedition 341 S. Alaska Margin: **U1418** D. 25H 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									MF 30/JUN/13
10								Interbedded silt and mud Mud with silt	
20								Color banding <i>greyish/greenish</i>	
30								Black mottles: <i>few &amp; small</i>	
40								Lonestone(s): <i>5</i> granule(s), pebble(s)	
50								Silt laminae	
60								- <del>continuous</del> /discontinuous	
70								- Thickness: <i>&lt; 3 mm</i>	
80								- Numbers: <i>&lt; 10</i>	
90								- Spacing: <i>&lt; 2 - &gt; 20</i>	
100								- Lower boundary <i>sharp</i>	
110								- Gradational/massive	
120								Sand bed/lamina	
130								- Sand size	
140								- Thickness	
150								- Numbers	
								- Spacing	
								- Lower boundary	
								- Gradational/massive	
								Mud/silt/sand clasts <i>few</i> Size <i>&lt; 5 mm</i>	

moderate to heavy pull-down in core! slight banding

Expedition 341 S. Alaska Margin: **U1418** D. 25H 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			N4						H 30/7/13
10								Interbedded silt and mud Mud with silt	
20								Color banding greyish/greenish	
30								Black mottles: fw	
40								Lonestone(s): 4 granule(s), pebble(s)	
50								Silt laminae	
60								- continuous/discontinuous	
70								- Thickness: < 1 cm	
80								- Numbers: < 10	
90								- Spacing: ?	
100								- Lower boundary ?	
110								- Gradational/massive ?	
120								Sand bed/lamina	
130								- Sand size	
140								- Thickness	
150								- Numbers	
								- Spacing	
								- Lower boundary	
								- Gradational/massive	
								Mud/silt/sand clasts <i>some</i> Size < 3 cm	
								140-150: Sample 1W	

mud clasts to heavy pull - down in central part

interval with diatom rich mud containing volcanic ash (based on smear slide from 84 cm)

~~Sand bed/lamina~~  
~~- Sand size~~  
~~- Thickness~~  
~~- Numbers~~  
~~- Spacing~~  
~~- Lower boundary~~  
~~- Gradational/massive~~

Expedition 341 S. Alaska Margin: **U1418 D** 25H 4 0-151c  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Silt sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								Interbedded silt and mud Mud with silt	JM 30.6.13
10								chaotic mud, sand, silt mixture	Color banding
20			N4					due to sed- -	Black mottles
30									Lonestone(s): granule(s), pebble(s)
40									Silt laminae
50									- continous/discontinuous
60									- Thickness:
70									- Numbers:
80									- Spacing:
90									- Lower boundary
100									- Gradational/massive
110									Sand bed/lamina
120									- Sand size
130			N4						- Thickness
140									- Numbers
150									- Spacing
									- Lower boundary
									- Gradational/massive
									Mud/silt/sand clasts
									Size
									sand sed @ 140-150c fine sand









Expedition 341 S. Alaska Margin: **U1418** D 26M 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			log 4/1					Interbedded silt and mud Mud with silt-	
10								Color banding slight (greyish/greenish)	
20								Black mottles very few & very small	
30								Lonestone(s): 2 granule(s), pebble(s)	
40									
50								Silt laminae	
60								- continuous/discontinuous	
70								- Thickness: < 5 mm	
80								- Numbers: > 35	
90								- Spacing: 3 mm - ~ 15 cm	
100								- Lower boundary sharp	
110								- Gradational/massive	
120									
130								Sand bed/lamina	
140								- Sand size	
150								- Thickness	
								- Numbers	
								- Spacing	
								- Lower boundary	
								- Gradational/massive	
								Mud/silt/sand clasts: few	
								Size < 5 mm	

Expedition 341 S. Alaska Margin: U1418 D 264 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			10y4/1					0-121. Interbedded silt and mud Mud with silt	
10								Color banding 4/6 HT greenish / greyish	
20								Black mottles few (very) small < 1mm	
30								Lonestone(s): 1 granule(s), pebble(s)	
40									
50								Silt laminae	
60								- continuous/discontinuous	
70								- Thickness: < 5mm	
80								- Numbers: ~15	
90								- Spacing: 8mm - ~32mm	
100								- Lower boundary sharp	
110								- Gradational/massive	
120			5y4/1 6y3/1					Sand bed/lamina	
130			N4					- Sand size	
140								- Thickness	
150								- Numbers	
								- Spacing	
								- Lower boundary	
								- Gradational/massive	
								Mud/silt/sand clasts <sup>pebble</sup> Size < 5mm	
								123.5-140: see top of section 4	
								140-150: Sample 1W	

Expedition 341 S. Alaska Margin: **U1418**

Site: **D** Hole: **264** Core: **4** Section: **0-150**  
 Top Depth: **0-150**

Major Lithology: **Mud** Minor Lithology: **Silt**

Offset (cm)	Lithology clasts	Sed structure	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									<b>JK</b> <b>30.6.13</b>
10			<b>N4</b>					<i>mud with sev silt patches/laminae</i>	<b>Interbedded silt &amp; mud:</b> <b>Mud with silt:</b> <b>X</b> <b>just mud:</b>
20									- Color banding: <i>very slight</i>
30					<b>0</b>				- Black mottles: - Lonestone(s):
40									<b>Silt laminae/patches</b> - continuous/discontinuous
50									- Thickness: <i>0.3 - 0.5cm</i>
60				<i>slight sawing</i>					- Number: <i>18</i>
70									- Spacing: - Lower boundary: <i>sharp</i>
80	<i>psm</i>		<b>N04</b> <b>4/1</b>						- Structure: <b>Sand/silt bed(s)</b>
90									- cm: - Sand size:
100					<b>0</b>				- Lower boundary: - Structure:
110			<b>N07</b>						
120			<b>4/1</b>						
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418

D. 264 5 0-151cm  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology: silt, sand

Offset (cm)	Lithology clasts	Sed structure	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								0-74cm bed width ~ 4 silt patches, no color banding, few silt - oysters	JK 30.6.13
10								<b>Interbedded silt &amp; mud:</b> <b>Mud with silt:</b> X <b>just mud:</b>	
20			10% 4/7		0			- Color banding: very slight - Black mottles: - Lonestone(s): 1	
30	mud	0					SS (33) → mud (50:50)		
40								<b>Silt laminae/patches</b> - continuous/discontinuous - Thickness: - Number: - Spacing: - Lower boundary: - Structure:	
60							clast @ 61cm, φ 0.3cm		
70								<b>Sand/silt bed(s)</b> - cm: 69-72cm - Sand size: fine - Lower boundary: sharp, massive - Structure: normal grading	
80							74-151cm: mud inters. w. silt 3 clasts @ 78cm, φ 0.2cm silt laminae ~ 0.3cm, 10 clast @ 100cm, φ 0.2cm		
90	clay								
100									
110					0				
120									
130									
140									
150									


Expedition 341 S. Alaska Margin: **U1418** D 26H 6 0-152  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: silt

Offset (cm)	Lithology clasts	Sed structure	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								0-30cm interbedded mud & silt	JM 30.6.13
10					0				<b>Interbedded silt &amp; mud:</b> X <b>Mud-with-silt:</b> <b>just mud:</b>
20				slight bowing					-Color-banding: -Black-mottles: -Lonestone(s):
30								30-152cm	<b>Silt laminae/patches</b>
40								heavily disturbed silt & mud mix	- continuous/discontinuous - Thickness: 0.3-1cm - Number: 13 - Spacing: - Lower boundary: sharp - Structure:
50									<b>Sand/silt bed(s)</b>
60									- cm: - Sand size: - Lower boundary: - Structure:
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: **U1418** D 264 CC 0-36  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology clasts	Sed structure	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0			M4		?		35-40	<p>heavily disturbed (see in)</p> <p>silt and mix</p>	<p>JM 30.6.13</p>
10									<p><b>Interbedded silt &amp; mud:</b></p> <p><b>Mud with silt:</b></p> <p><b>just mud:</b></p> <ul style="list-style-type: none"> <li>- Color banding:</li> <li>- Black mottles:</li> <li>- Lonestone(s):</li> </ul>
20									<p><b>Silt laminae/patches</b></p> <ul style="list-style-type: none"> <li>- continous/discontinuous</li> <li>- Thickness:</li> <li>- Number:</li> <li>- Spacing:</li> <li>- Lower boundary:</li> </ul>
30									<p><b>Sand/silt bed(s)</b></p> <ul style="list-style-type: none"> <li>- cm:</li> <li>- Sand size:</li> <li>- Lower boundary:</li> <li>- Structure:</li> </ul>
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: **U1418** D. 274 1A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	Mud		N4	non-sst mud					MF 30/JUN/13
10								Interbedded silt and mud Mud with silt	
20								Color banding SLIGHT greyish/greenish	
30								Black mottles very few ( $< 5$ mm)	
40								Lonestone(s): 9 granule(s), pebble(s)	
50								very fine sand Silt laminae	
60								- continuous/discontinuous	
70								- Thickness: $< 8$ mm	
80								- Numbers: $< 20$	
90								- Spacing: $\sim 5$ mm - $\sim 22$ cm	
100								- Lower boundary sharp	
110								- Gradational/massive	
120								some lighter, some darker Sand bed/lamina	
130								- Sand size	
140								- Thickness	
150								- Numbers	
								- Spacing	
								- Lower boundary	
								- Gradational/massive	
								Mud/silt/sand clasts Size max $\sim 2$ cm mostly $< 5$ mm	pebbles some





Expedition 341 S. Alaska Margin: **U1418** D 274 3A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								0-150	
10								Interbedded silt and mud Mud with silt	
20			NY					Color banding <i>slight</i> <i>greenish/greyish</i>	
25			sand					Black mottles <i>few, small</i>	
30								Lonestone(s): <i>1+4</i> granule(s), pebble(s)	
40								Lonestone(s): <i>1+4</i> granule(s), pebble(s)	
50								Silt laminae	
60								- <u>continuous/discontinuous</u>	
70								- Thickness: <i>&lt; 3mm</i>	
80								- Numbers: <i>&gt; 15</i>	
90								- Spacing: <i>~1.5 - ~32cm</i>	
100								- Lower boundary <i>sharp</i>	
110								- Gradational/massive	
120								<i>most laminae lighter than matrix</i>	
130								Sand bed/lamina	
140								- Sand size	
150								- Thickness	
								- Numbers	
								- Spacing	
								- Lower boundary	
								- Gradational/massive	
								Mud/silt/sand clasts <i>few</i> Size <i>&lt; 3mm</i>	

slight to moderate banding

slight

volcaniclastic  
bleaching mud  
(sub-angular  
mud)  
(smears slide from 98 cm)

*most laminae lighter than matrix*

*patches*  
Mud/silt/sand clasts *few*  
Size *< 3mm*

Expedition 341 S. Alaska Margin: **U1418** D. 274 CC 0-29  
 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	<i>Mud</i>		<i>N4</i>					Interbedded silt and mud Mud with silt	
10					<i>?</i>			Color banding <i>slight</i>	
20				<i>slight - mud drilling</i>				Black mottles	
30	<i>PAL</i>						<i>PAL</i>	<i>23.5 - 29.0</i>	
40								Lonestone(s): granule(s), pebble(s)	
50								Silt laminae	
60								- <del>continuous</del> /discontinuous	
70								- Thickness: <i>2mm</i>	
80								- Numbers: <i>2</i>	
90								- Spacing: <i>~ 13cm</i>	
100								- Lower boundary <i>sharp</i>	
110								- <del>Gradational</del> /massive	
120								Sand bed/lamina	
130								- Sand size	
140								- Thickness	
150								- Numbers	
								- Spacing	
								- Lower boundary	
								- Gradational/massive	
								Mud/silt/sand clasts: <i>one</i>	
								Size <i>~ 1cm</i>	

Expedition 341 S. Alaska Margin:

U1418

D

284

1

0-150cm

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: MLD

Minor Lithology: silt

Offset (cm)	Lithology clasts	Sed structure	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								Interbedded silt & mud: X	JM 30.6.13
10								Mud with silt: just mud:	
20			N4		slight			- Color banding: very slight - Black mottles: few - Lonestone(s): 1	
30								Silt laminae/patches - continuous/discontinuous	
40								- Thickness: 0.2 - 0.8cm	
50								- Number: 39	
60								- Spacing: evenly distributed	
70								- Lower boundary: sharp	
80								- Structure:	
90								Sand/silt bed(s) - cm:	
100			N4		0			- Sand size:	
110								- Lower boundary:	
120								- Structure:	
130									clast @ 132 cm Ø 0.4 cm
140									
150									

Expedition 341 S. Alaska Margin: **U1418** D... 28H 2 0-151cm  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Silt

Offset (cm)	Lithology clasts	Sed structure	Color	Drilling disturb.	Bioturb.	Accessories (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								0-108cm interbedded mud & silt	JK 30.6.13
10					○			Interbedded silt & mud: X Mud with silt: just mud:	
20								- Color banding: slight - Black mottles: - Lonestone(s): 1	
30								<b>Silt laminae/patches</b> - continuous/discontinuous - Thickness: - Number: 34	
40								- Spacing: upper 110cm - Lower boundary: sharp - Structure:	
50								<b>Sand/silt bed(s)</b> - cm: - Sand size: - Lower boundary: - Structure:	
60							SS (63) → just mud slightly silty		
70									
80									
90					○				
100									
110								108-151cm: mud with silt	
120								lonestone @ 120-126cm, Ø 5x3cm coarse crystalline, Qz-fsp-luca	
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1418

D

28th

3

0-145cm

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: *mud*

Minor Lithology: *silt*

Offset (cm)	Lithology clasts	Sed structure	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: <i>JM</i>	Date: <i>90.6.13</i>
0								<i>0-30 mud with silt</i>		<b>Interbedded silt &amp; mud:</b> <input checked="" type="checkbox"/>
10			<i>N4</i>		<i>0</i>					<b>Mud with silt:</b>
20										<b>just mud:</b>
30										- Color banding: <i>slight</i>
40								<i>30-145cm: interbedded mud &amp; silt</i>		- Black mottles: <i>few</i>
50					<i>0</i>					- Lonestone(s):
60										<b>Silt laminae/patches</b>
70			<i>N4</i>							- continuous/discontinuous
80				<i>moderate leaching</i>						- Thickness: <i>0.5-1cm</i>
90										- Number: <i>22</i>
100					<i>0</i>					- Spacing: <i>low part</i>
110										- Lower boundary: <i>sharp</i>
120										- Structure:
130			<i>N4</i>							<b>Sand/silt bed(s)</b>
140										- cm:
150										- Sand size:
										- Lower boundary:
										- Structure:

Expedition 341 S. Alaska Margin: **U1418** D. 284 CC 0-26  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology: Silt

Offset (cm)	Lithology clasts	Sed structure	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									Interbedded silt & mud: <input checked="" type="checkbox"/>
10			N4						Mud with silt:
20				Wormlike borings					<del>just mud:</del>
30	PAL						26-30		- Color banding: slight
40									- Black mottles:
50									- Tonestone(s):
60									<b>Silt laminae/patches</b>
70									- continuous/discontinuous
80									- Thickness: 0.8 cm
90									- Number: 10
100									- Spacing:
110									- Lower boundary: sharp
120									- Structure:
130									<b>Sand/silt bed(s)</b>
140									- cm:
150									- Sand size:
									- Lower boundary:
									- Structure:

Expedition 341 S. Alaska Margin: U1418 D 29H 1A 239.40m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Inter-bedded silt & Mud 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	June 30 2013
0										
10										
20										
30								17 silt laminae, with 5cm to 15cm mud intervals ↳ some N5		
40	inter-bedded silt & mud	CO R D C O L A R S T R U C T U R E S	N4		BO B W E D D I N G	absent				
50				Slight						
60										
70										
80										
90										
100								greenish gray color bands		
103	diatom bearing mud					2mm				
110			104 4/1				SS110	diatom bearing mud		
120								silt patch @ 138, 143, 149cm		
130										
140	mud		N4							
150										



Expedition 341 S. Alaska Margin: U141B D 29H 2A 240, 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	JUNE 30 2013
0						>2mm ↓ fragments		- a few small patches of silt		
10										
20										
30										
40	mud		N4		—					
50										
60										
70						64				
80						73				
90								81-85: disturbed silt laminae		
100						89				
110										
120										
130						121 122				
140	IW						IW			
150										

Expedition 341 S. Alaska Margin: U41B D 29H 3A 242.40m 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	JUNE 30 2013
0						>2mm ↓ tgranules				
10										
20						22				
30	sand							30-32: sand patch (disturbance)		
40						35				
50	mud		N4			49				
60						62				
70										
80						77				
90										
100	sand END					94		98-100: very disturbed sand		
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 D 29H 4A 243.40m 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: <u>Childress</u>	Date: <u>JUNE 30 2013</u>
0			N3			>2mm				
10			N5							
20						20				
30	mud		N4		—	*		*30-34cm: 6 clasts > 2mm		
40										
50						48				
60	END									
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

K1418

D

29H

CC-A

244.02 m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0						absent			Childress June 30 2013
10	mud		N4						
10-12	VOID			VOID				10-12: void; high	
16									
20	inter-bedded silt/mud							4 silt laminae, w/ 5mm to 6cm mud intervals	
24								24cm silt patch	
31	PAL						PAL		
36									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1478 Hole: D Core: 304 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>casts</u>			<u>AB, 6-30-13</u>
10	<u>W. silt</u>					<u>poroid</u>		<u>9 mill bivalves</u>	
20							<u>316</u>	<u>calc. brach. mud on this silt</u>	
30			<u>W4</u>						
40								<u>pebbles, 0.5 cm</u>	
50									
60									
70								<u>granule,</u>	
80									
90									
100									
110								<u>granule</u>	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 30H 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>Clasts present</u>			<u>UB, 6-30-13</u>
10	<u>w. silt</u>								
20			<u>N4</u>				<u>8 oilt laminae</u>		
30							<u>fragments</u>		
40									
50							<u>1cm</u>		
60	<u>o</u>					<u>o</u>	<u>green, pebbly, "conglomeratic", prob. strongly weathered, igneous, likely volcanic</u>		
70									
80									
90									
100	<u>o</u>					<u>o</u>	<u>pebbly, o. &amp; am. subrounded, siltstone</u>		
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 11148 D 30H 3A 0-136  
 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>clasts present</u>			
10	<u>silt</u>		<u>N4</u>						
20								<u>clast O. bac, augulus</u>	
30								<u>7 silt laminae</u>	
40									
50									
60									
70									
80									
90								<u>granular, angular siltstone</u>	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: D Core: 304 Section: cc Top Depth: 0-17

Major Lithology: mud Minor Lithology:

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



Expedition 341 S. Alaska Margin: 11418 D 31H 1A 248.60m 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	JUNE 30 2013
0			N4	CRACK						
10	mud w/silt							silt laminae @ 17, 18, 19, 21 cm		
22										
50	diatom ooze		105Y 4/1		slight			22-28: grayish green mottling		
60							530	22-28: green color bands (56 4/1) diatom ooze		
90										
90								90-92: 1.5 cm clast		
100	mud									
126								126-128: 2cm long argillite		
126								126cm sand patch (disturbed)		
140	mud QJM		N4							
140										QJM

Expedition 341 S. Alaska Margin: U1418 D 31H 2A 250.10m 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	JUNE 30 2013
0	mud		N4			>2mm				
10	ⓐ					*		*9-11cm: sandstone (2cm)		
20	mud		loey 4/1			18 23				
30	ⓑ					*		*28-30cm: calcareous boamy/nch siltstone (2mm)		
37	SILT	N6	N5					silt: same contacts as sand		
49-51	SAND	N6	N5				SS51	sand: irregular lower; gradational upper sand		
50			N4							
70	inter-bedded silt & mud							12 silt laminae, w/ mud @ 1 to 1.3cm intervals (some N5)		
103										
110	mud		loey 4/1							
120						119				
140								137cm: silt lam.		
150	IW						IW			

Expedition 341 S. Alaska Margin: U1410 D 314 3A 251.60m CSF-A  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 30 2013
0						> 2mm				
10						6 7				
20										
30										
40		COLOR BANDS						-greenish gray color bands		
50	mud w/ silt		N4	BOWEN D						
60						58				
70										
80										
90										
100										
110										
120						114 116				
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 D 31H 4A 252.81m 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									Childress JUNE 30 2013
10									
20									
25	mud w/silt	SEDIMENTARY	N4		-	25 (72mm)		SSB - mud, no bio -greenish gray color bands	
30									
40									
50									
60	END								
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 D 31H CC-A 253.40m 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:	Date:
									Childress	JUNE 30 2013
0										
10	mud		N4	CRG A-A S-S V						
20	interbedded silt & mud							6 silt lam., w/ mud 2mm to 4cm thick		
28										
30	PAL						PAL			
34										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: D Core: 32H 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	mud		10% N4	0-2				Dominated 10% N4 w/ff N4	HB, 6-30-13
10									
20									
30									
40									
50	lobb. silt					clasts present		24 silt Carniac, mud < 4cm	
60	mud		N4						
70				loosened, mud				granular, siltstone, subrounded	
80									
90									
100	mud w silt		N4					8 silt Carniac	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: D Core: 32H 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	mud		10Y4/1			Clasts present			AB, 6-30-13
10	w. silt							Quartzoid 10Y4/1 w. 104 granule, siltstone	
20									
30									
40									
50									
60									
70								sand part, disturbance	
80								granule, siltstone	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 32H Section: 2A Top Depth: 0-53

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		104					Carinated 104 with 107 4/1	HB, 6-30-13
10	fls								
20									
30								12 old Carinae	
40				worm rd, beam					
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin: U618 D 324 cc 0-24  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: slud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	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>slud</u>		<u>M</u>	<u>brackish heavy</u>				<u>ca. laminated M4 w. 10% 4/1 mud, no bio</u>	<u>HB, 6-30-13</u>
10									
20	<u>PAL</u>								
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U418 D 32X 1A 257.30 m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: <u>Childress</u>	Date: <u>JUNE 30 2013</u>
0						<u>granules</u>				
10										
20										
30								<u>greenish gray color bands</u>		
40	<u>Mud w/disp. clasts</u>	<u>COLLOR</u>	<u>N4</u>	<u>DISCORT</u>	<u>-</u>					
50		<u>COLLOR</u>		<u>(mod)</u>						
60						<u>59</u>				
70										
80										
90						<u>59</u>				
100										
110										
120										
130						<u>131</u>				
140	<u>IW</u>						<u>IW</u>			
150										

Expedition 341 S. Alaska Margin:

11418

D

33X

2A

258.80m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 30 2013
0						> 2mm ↓				
10										
20	mud		N4							
30		SOZABR0000						greenish gray color bands		
40				B I S E U I T (mod)						
50										
60						62				
70			N3					SS65 - mud, no bip.		
80			N4			80-pyritized burrow cast				
90										
92	mud w/asp. clasts					92.5				
100	END							CS97 - mud, w/silt		
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1418 D 33X 3A 259.01 m CSF-A  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0						absent			Childress JUNE 30 2013
10									
20	Mud	ORGANIC	N4	DISC (mud)				greenish gray color bands	
30									
40									
46									
50	SCRE						SCRE		
56	END								
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: W1418 D 33X CC-A 260.37m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 30 2013
0						>2mm				
20	mud		N4	B I S C O I T (mud)						
30	mud w/ disp. clasts					3/3 3/5				
40	PAL						PAL			
40	END									
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: 11418 D 34X 1A 0-150

Site: Hole: Core: Section: Top Depth:

Major Lithology: dark grey muddy 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	<u>muddy siltstone</u>		<u>grey</u>	<u>None</u>				<u>Siltstone color greyish green, 10% fine brown clay (M), clay dispersed, no concretions or friable layers</u>  <u>clay predominantly coarse sand, only few granules</u>	<u>AB, 6-30-13</u>
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1618 Hole: D Core: 34X Section: 2A Top Depth: 0-150

Major Lithology: clst poor muddy draining Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	clst poor		10/8/4						HB, 6-30-13
10	muddy draining							clasts coarse sand, granules abundant in upper half of section	
20								clasts dispersed	
30									
40									
50								sub layer med. granules	
60								mud w. silt	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11412 Hole: 34X Core: 3A Top Depth: 0-133

Major Lithology: muddy diamicite clast Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	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 clay								HB, 6-30-13
10	clay clast poor						SSS	mud, mud's, w. silt	
20								clasts mostly coarse sand, silt/claystone, etc. granules,	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

bioturb. / strong



Expedition 341 S. Alaska Margin:

Site: 1148 Hole: D Core: 342 Section: CC Top Depth: 0-47

Major Lithology: *silty mudstone* Minor Lithology: *silty mudstone*

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	<i>silty mudstone</i>								<i>AB, 6-30-13</i>
10	<i>silty mudstone</i>		<i>ky</i>					<i>very few coarse sand darts</i>	
20	<i>silty mudstone</i>								
30									
40	<i>PAZ</i>								
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 D 35X 1A 276.70m CSF-A  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 30 2013
0										
10										
20	mud w/ disp. clasts				slight					
30										
40										
50	mud		N4		mod.	49(22)		49cm - bright red clast		
60										
70								pyritized material (burrows) @ 61, 103, 144 cm		
80										
90	diatom rich mud					absent				
100										
110							SS107	diatom rich mud		
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: M4(B) D 35X 2A 278.20m CSF-A  
 Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 30 2013
0								2cm-pyritized (burrow?)		
10										
20										
30	diatom rich mud		10GY 4/1		slight					
40				B I S C U T (mod)						
50	mud		N4		mod.					
60										
70										
80	mud	W02AB R03CS	N4		slight			greenish gray color bands		
90										
100										
110										
120										
130										
140	IW						IW			
150										

Expedition 341 S. Alaska Margin:

U41B

D

35X

3A

279.70 m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by:	Date:
									Childress	JUNE 30 2013
0										
10										
20								17cm - pyritized material		
30	mud		N4	B.I.L.S.U.I.T. (mod.) (0-156)						
40										
50										
53.5										
55	sand		N3	S.O.U.P. (mud)				silt w/ outsized sands		
57.5								SS56		
60	mud		N4					formerly normally graded? D.D.		
70								clasts from sand washed over surface		
74	sand		N3	S.O.U.P.						
76.5								SS72		
80								silt w/ mud		
90	mud		N4	G.A.S. EXPANSION						
107	diatom rock			high						
120	mud		106Y4/1		mod.					
125										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1418 Hole: D Core: 35X Section: 4A Top Depth: 0-150

Major Lithology: mud with 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:
0									AB, 6-30-13
10	mud with dispersed clasts		U <sub>g</sub>						
20									
30									
40									
50									
60									
70									
80									
90	mud with dispersed clasts		U <sub>g</sub>						
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U418 D 35X 5A 0-100  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: clast-poor wuddy diamic Minor Lithology: 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									AB, 6-30-13
2			N4					mud	
7	sand		N4				SS3	with clasts < 2cm, calcareous, poorly sorted silt	
10			N4						
20	mud								
30									
35									
40	clast-poor wuddy diamic							clast-free mud with argillite, black siltstone, grey silt-sandstone	
50									
60									
70									
80							SS4	calcareous bearing mud	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11418 Hole: 357 Core: CC Section: 0-44 Top Depth:

Major Lithology: mud with 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:
0									
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

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

Major Lithology: mud Minor Lithology: muddy clay - poor 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: Date:
0	<u>mud</u>								<u>AB, 6-30-13</u>
10	<u>w. dispersed clasts</u>		<u>N4</u>					<u>clasts granular siltstone blocks</u>	
20									
30							<u>234</u>	<u>mud, no bio</u>	
40	<u>muddy diamict clast-poor</u>		<u>N4</u>					<u>clast - coarse brown diorite to gabbro like siltstone</u>	
50									
60									
70									
80									
90	<u>mud w. disp. clast</u>		<u>N4</u>	<u>in situ diamict</u>				<u>dark siltstone, greenstone</u>	
100								<u>probe at 137 cm, dark gray siltstone</u>	
110									
120									
130									
140									
150									



Expedition 341 S. Alaska Margin:

Site: 11418 Hole: J Core: 36x Section: 2A Top Depth: 0-137

Major Lithology: mud Minor Lithology: clast, mudd, siltstone

Offset (cm)	Lithology	Sed. Structures	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							all < granule	HB, 6-30-13
10	poor diamid							clast bed siltstones, greenstones,	
20			N4						
30									
40									
50									
60									
70									
80									
88									
90	clast, mud, muddy diamid		N4	↑ siltstone			SS11	green to silt dark clast, white clast, dark siltstone	
100	mud								
110	clast		N4	↓ siltstone				low tan, dark siltstone, 3cm 1. granite, tan	
120	m. d. clasts								
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 11118 Hole: D Core: 36x Section: 3A Top Depth: 0-100

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>o</u>		<u>gas bore, 1.6 cm</u>	<u>HB, 6-30-13</u>
10	<u>mud with disp. clasts</u>								
20									
30									
40									
50	<u>clast rich muds</u>			<u>↑</u>				<u>siltstone, granite (small)</u>	
60									
70									
80	<u>mud w/d clasts</u>			<u>↓</u>					
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 11418 D 362 4A 0-97  
 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								AB, 6-30-13
10	co. d. clasts		N4						
20									
30									
40									
50									
60	muddy clast poor clay		N4	biscuit, mud →					
70									
80	mud w/ clast								
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 1142 D 362 cc 0-37

Site: \_\_\_\_\_ Hole: \_\_\_\_\_ Core: \_\_\_\_\_ Section: \_\_\_\_\_ Top Depth: \_\_\_\_\_

Major Lithology: 1142 Minor Lithology: \_\_\_\_\_

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									Logged by: <u>RB</u> Date: <u>6-30-13</u>
10	<u>1142</u> <u>big d. clasts</u>		<u>1142</u>						
20									
30	<u>PK</u>								
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1418 Site: D Hole: 37X Core: 1A Section: 296, 10 m 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	JUNE 20 2013
0				total mess		>2mm				
				↓		granules		DRILL BIT		
10				SUCK IN?						
				+						
20				? DRILL BIT						
30	mud w/ dispersed clasts	COLOR BANDS	N4	BISCUIT (high)	slight			greenish gray color bands		
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140	END									
150										

Expedition 341 S. Alaska Margin: U1418 D 37X CC-A 297.50m 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									
10	mud w/ dispersed clasts		NH	Z-ROUS (in d.)	—	72mm 2 4 18		BISCOIT (mud.) = entire CC	Childress JUNE 30 2013
20									
30						33			
39	PAL						PAL		
48	END								
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									