

Expedition 341 S. Alaska Margin:

Site: U421 Hole: C Core: 1H 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: <u>HB</u> Date: <u>07-27-13</u>
0	<u>Mud</u>		<u>(0/4/1)</u>						
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

U1421 C 1H 2A 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	mud		10Y3/2						HB, 07-27-13
10									
20							SS22	diatom rich mud	
30	mud		10Y4/1						
40									
50									
60									
70									
80	diat. r. mud		10Y3/2						
90									
100	mud		10Y4/1						
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 01421 Hole: C Core: 1H 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		10/4/1						HB, 07-27-13
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1421 C 1H 4A 4.50m CSF-A
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Diatom Rich Mud (w/ forams) Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: July 27 2013
0										
10										
20	diatom rich mud		10Y 4/1							
30										
40						absent				
50										
60										
61	diatom rich mud w/ forams		10Y 3/2							
70										
77							SS75	diatom rich mud w/ forams		
80	diatom rich mud		10Y 4/1							
90										
100										
110										
120										
130		COLOR BANDS						thin laminae color banding (brown)		
140										
150										

Expedition 341 S. Alaska Margin:

U1421

C

14

5A

6.0 m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Diatom Bearing mud

Minor Lithology: Diatom Rich mud

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: July 27 2013
0										
10	diatom rich mud	COLOR BAND	10Y4/1					thin laminae color banding (brown)		
20						>2mm clasts		16-150: black mottling (sparse)		
30						29				
40	diatom bearing mud		N4							
50						52				
60							SS57	diatom bearing mud		
70										
80						83				
90										
100						103				
110						110				
120						117-3cm				
130										
140										
150										

Expedition 341 S. Alaska Margin: 41421 C 1H GA 7.50 m CSE-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: Childress	Date: July 27 2013
0						>2mm				
10						0				
20	diatom bearing mud		N4							
30						29				
40						42 43 - argillite shell fragment shell		5mm shell		
50						52				
60						59				
70						73				
80										
90	END					86				
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U421 Hole: C Core: 1H Section: CC-A Top Depth: 8.40 m CSF-A

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: <u>Childress</u>	Date: <u>July 27 2013</u>
0			<u>N4</u>			<u>3, >2mm</u>				
10	<u>diatom bearing mud</u>									
17	<u>END</u>									
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

Site: U1421 Hole: C Core: 2H Section: CC-A Top Depth: 8.50 m CSF-A

Major Lithology: NOT RECOVERED

Minor Lithology: _____

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: July 27 2013
0	X			WASH				8cm argillite cobble very little mud matrix w/ granules		
10										
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin:

u1421 C 3H 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					0-88.5	KF 28/Jul/13
10								* mud with common clasts	
20								55.52: mud with sand; sub-rounded volcanic ash in the sand fraction	
30								88.5-94.5	
40								* mud with dispersed clasts	
50								88.5-150	
60								* mud with common clasts	
70									
80									
90									
100									
110									
120									
130									
140									
150									

107414
 N4
 1A boring

Expedition 341 S. Alaska Margin:

U1421 C 3H 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					0-16 ↓ mud with common clasts * gradational boundary	MF 28/jul/13
10	○								
20	○		10y 4/1					16-150 ↓ mud with dispersed clasts * few black mottles	
30	○								
40									
50	○								
60									
70	○								
80									
90	○								
100	○								
110									
120	○								
130	○								
140									
150	○								

Expedition 341 S. Alaska Margin:

Site: U1421 Hole: C Core: 3H Section: 3A Top Depth: 0-150

Major Lithology: _____ Minor Lithology: _____

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	o		gray					0-150: * mud with dispersed clast * few black mottles * varying amount of clasts	MF 28/Jul/13
10	o								
20	o								
30	o								
40									
50	o								
60	o								
70	o								
80	o								
90	o								
100	o							ss 130: mud with diston; very fine grained	
110	o								
120	o								
130									
140	o								
150	o								

Expedition 341 S. Alaska Margin:

U1421 C 3H 4A 0-150
 Site: Hole: Core: Section: Top Depth:

Major Lithology:

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0	o		gray					0-120	VF 28/ Jul/13
10								* mud with dispersed clast	
20	o							* few black mottles	
30								* gradational lower boundary	
40	o							120-150	
50	o							* mud with abundant clast	
60									
70	o								
80									
90	o								
100									
110	o								
120									
130	o								
140	o								
150	o								

slight to moderate burrowing

N4

Expedition 341 S. Alaska Margin:

Site: U1421 C Hole: 3H Core: 5 Section: 0-151cm
 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									JR 28.7.13
10					0			fine, clayey mud with abundant clasts	
20				/					
30									
40									
50					0				
60				/					
70									
80									
90									
100									
110				/	0				
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41421 Hole: 3H 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								mud with abundant clasts	JM 28.7.13
10			N4	/	○				
20									
30									
40									
50									
60			N4	/	○				
70									
80									
90									
100			N4	/	○				
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1421 Hole: C Core: 3H Section: 7 Top Depth: 0-57cm

Major Lithology: Mud Minor Lithology: _____

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								<u> Mud with abundant clasts</u>	<u> JM 28.7.13</u>
10				/	0				
20			<u> M4</u>						
30									
40				/	0				
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 47421 C Hole: 3H Core: CC Section: 0-35cm Top Depth:

Major Lithology: Mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 28.7.13
10			N4	moderate coarse	○			mud with common clasts	
20									
30									
35								some quartz grains & foraminifera @ the bottom of the CC	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1421 C Hole: 4H Section: 1 Top Depth: 0-1100

Major Lithology: mud

Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								mud with abundant clasts some color changes @ 85-90 cm & 95-104 cm irregular / discoidal shape ↳ almost clast-free mud ↳ more clay	JM 28.7.13
10									
20				/	0				
30									
40			N4						
50			to						
60			10% 4/1	/	0				
70									
80									
90									
100				/	0				
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 4142a d Hole: 4H Core: CC Section: 0-39a Top Depth:

Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 28.7.13
10			N4					mud with mud ↳ 10 x 4/1, clayey	
20			to 10 x 4/1	slight cracks	✓				like 3 clasts more silty
30					✓				
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1421 C Hole: 5H Core: 1 Section: 0-142 cm
 Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								mud with dispersed clasts	JM 28.7.13
10								8	
20					○				
30									
40									
50			N4						
60									
70				Moderate	○				
80		SOFT							
90									
100									
110									
120					○				
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: M421 Hole: C Core: SH Section: 2 Top Depth: 0-138 cm

Major Lithology: Mud

Minor Lithology: _____

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								mud with dispersed clasts	JM 28.7.13
10								Σ 3	
20					○				
30									
40									
50									
60			M4						
70									
80									
90									
100									
110									
120									
130				light	○				
140									
150									

Expedition 341 S. Alaska Margin:

Site: G1427 Hole: CL Core: SH Section: 3 Top Depth: 0-149 cm




Major Lithology: Mud Minor Lithology: _____

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JH 28.7.13
10					○			mud with dispersed clasts Σ 13	
20									
30									
40									
50									
60			N4	slightly soupy	○				
70									
80									
90									
100									
110					○				
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 61427 C Hole: 5H Core: CC Section: 0-18cm
 Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 28.7.13
10			N4	/	/			mud with dispersed clasts (E 2)	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

41421 α 6H 1 0-82 cm
 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									JM 28.7.13
10				/	0			clayey mud with abundant clasts	
30			N3		0				
40									
50				/	0				
60									
70				/					
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1421 Hole: C Core: 6H Section: 2 Top Depth: 0-113cm

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 with abundant clasts	JM 28.7.13
10					0				
20									
30				/					
40			N3						
50					0				
60									
70				/					
80									
90			N3		0				
100				/					
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U1421 Hole: C Core: 6H Section: 3 Top Depth: 0-110 cm

Major Lithology: Mud Minor Lithology: _____

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								clayey mud with abundant clasts	JM 28.7.13
10								4 x 4 cm sandstone	
20			N3	/	0				
30									
40									
50				/					
60					0			siltstone	
70			N3						
80									
90				/	0				
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: U17421 C Hole: 6H Core: 4 Section: 0-111cm
 Top Depth:






Major Lithology: mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									JM 28.7.13
10			N3	/	0			clayey mud with common clasts	
40				/				quartz - mica - sil guess	
50					0				
60			N3						
70									
80									
90				/	0				
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin:

Site: 41421 α Hole: 6H Core: CC Section: 0-36cm Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0								mud with common clasts	JM 28.7.13
10			N3	/	0			siltstone	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									