Expedition 341 S. Alaska Margin: U1417 C 2H 1 0-150 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: JH	Date: 10.6.13
0										
10	mud		N4	0	0			slightly color banded		
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1417 C 2H 2 0-150cm

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: JM Date: 10.6.13
0									
10									
20	Mud		N4					Subtle color changes between different intervals; (dark grey to slightly greenish grey)	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 2H 3 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: HF 10/JUN/13
0									
	Mud		N4		2			0-150:	
10								* Mud	
20								* slight colour variations to more greenish	
30				slight pull-down				* black mottles in varying amounts	
40								* some holes up to ~1cm ↳ bioturbation	
50								* enhanced bioturbation between ~51-105	
60									
70									
80									
90									
100									
110									
120									
130								134-136: 2 cm, sub-rounded clast of altered meta sediment	
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 2H 4 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: HF 10/JUN/13
0	Mud		N4		2 (slight)			0-150 cm * Mud * slight colour variations to more greenish * black mottles in varying amounts	
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 2H 5 0-121cm

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: JM	Date: 10.6.13
0										
10										
20								Silty layer @ 23 cm (thin)		
30	Mud		N4							
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

Expedition 341 S. Alaska Margin: U1417 C 2H 6 0-101

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: MF 10/JUN/13 Date:
0	Mud		N4		1 (slight)			0-101	
10								* Mud	
20								* slight colour variations to more brownish	
30								* black mottles in varying amounts	
40									
50									
60									
70									
80									
90	•							91: unspecified clast	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 41417 C 24 7 0-63cm

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: JM Date: 10.6.13
0									
10								just mud	
20									
30	Mud		N4						
40									
50					slight (?)			53-63 cm slightly lighter grey (but still N4) & slight bioturbation	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 2H CC

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: JM Date: 10.8.13
0									
10				slight				cracked	
20			N4		0			mud/silty lense @ 21 cm, ϕ 0.5 cm	
30									
40	X			void			PAL	41-46 PAL sample	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 3H 1 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: MF 10/JUN/13
0	Mud		N4		1 (slight)			0-150	
10								* Mud	
								* Slight colour variation	
20									
30									
40									
50									
60									
70									
80				slight down mud					
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 3H 2 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: MF 10/JUN/03
0	Mud		N4		1 (slight)			0-135	
10								* Mud	
20								* slight colour variations to more brownish, greyish, greenish	
30								* greenish intervals diatom-rich?	
40								* gradational lower boundary	
50								135-150	
60								* biosiliceous-rich mud	
70				minor drill-disturb				* more pronounced colour variations than in intervals above and below	
80								* occurrence of two diatom ooze (2 + 5 cm thick)	
90								↳ discontinuous, more greenish	
100									
110									
120									
130	Mud		5Y 4/1		1 (slight)				
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 3H 3 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: MF Date: 10/JUN/13
0	Mud								
10									
20								0-150:	
30			5Y 4/1		1 (slight)			biosilicious rich mud * more pronounced colour variations than above and below (in intervals)	
40			& 5GY 3/1						
50								* occurrence of very dark greenish grey (5GY 3/1) intervals/strata of diatom ooze, max 2 cm thick → not always continuous	
60	ash								
70				Highly pulled down				* 7.5-9: lense of brown silt	
80								64-66:	
90								* ash layer diluted with diatoms	
100								* more brown	
110								→ smear-slide sample 68: diatom ooze with forams & nannofossils?	
120									
130								diatom ooze: 38.5-40.5, 50-51.5, 67.5-69.0, 110.5-112.0, 126.5-128.0 → very dark greenish grey (5GY 3/1)	
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 3H 4 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: IF Date: 10/JUN/13
0	Mud		5Y4/1		1 (digit)			0-121	
10								* bioturbation-rich mud	
								* more pronounced colour variations than in intervals above & below	
20									
30								* occurrence of ~2 diatom ooze layers (max 1.5 cm thick)	
40								↳ not always continuous	
50								⇒ diatom ooze: 46-48	
60									
70				Some pull-down					
80									
90									
9									
100									
110									
								~115: mud lense	
120	Mud		N4		0			121-150	
130								* Mud	
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 3H 5 0-150 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: JM Date: 10.6.13
0									
10									
20									
30			N4		0				
40								clast @ 43 cm, ϕ 1 cm, subrounded	
50				very subtle bows					
60								clast @ 60 cm, ϕ 4 cm !!! subrounded; metasediment (in WH)	
70					70			clast @ 73 cm, ϕ 1 cm (in WH)	
								silty mud layer @ 79 cm (greenish), diatoms ?	
80								clast @ 80 cm, ϕ 1 cm (in WH)	
90									
100					slight			clast @ 104 cm, ϕ 3 cm	
110									
120			slightly lighter color banding						
130								clast @ 131.5 cm, ϕ 0.5 cm	
140									
150									

Expedition 341 S. Alaska Margin: M1417 C 3H 6 0-150 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: JM Date: 10.6.13
0									
10									
20									
30									
40									
45	•							clast @ 46 cm, ϕ 0.8 cm, subrounded	
50	•							clast @ 49.5 cm, ϕ 0.4 cm	
55	mud		N4	very slight bakers	O				
60									
70									
75	•							clast @ 75 cm, ϕ 2.5 cm (in WH)	
80									
90									
100									
108								silty mud base @ 108 cm	
110									
120	•				slight			clast @ 123.5 cm, ϕ 0.5 cm	
130	•							clast @ 133 cm, ϕ 0.8 cm	
140									
150									

Expedition 341 S. Alaska Margin: 41417 C 3H 7 0-68cm

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: JH Date: 10.6.13
0									
10									
20									
30				very slight gouts	0				
35	Mud		N4					clast @ 35 cm, ϕ 0.5 cm	
38.5								very thin silty mud layer @ 38.5 cm	
40									
50									
60									
68									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 3H CC 0-8cm

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: JM Date: 10.6.13
0	Mud		N4		0				
10							PAL	8-14cm sample	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 4H 1 0 - 150 cm

Site: Hole: Core: Section: Top Depth:

Major Lithology: h-d Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: JM Date: 10.6.13
0								whole section - color banded	
10	mud								
20									
30	•							clast @ 29 cm, ϕ 0.8 cm	
40			N4						
50									
60									
70	mud								
80									
90									
100									
110									
120									
130									
140									
150								1,5 cm ϕ silty mud lense @ 147 cm	

Expedition 341 S. Alaska Margin: U1417 C 4H 2 0-150cm

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: JM Date: 10.6.'13
0								whole section color banded	
10	mud		N4						
20									
30								28-50 cm diato- ooze slight green/yellow/grey (+ forams, nannos)	
40	ooze?								
50									
60									
70								clasts @ 69 & 73 cm, ϕ 1cm subrounded	
80									
90									
100	mud		M4						
110									
120									
130									
140								clast @ 143cm, ϕ 0.3cm	
150									

Expedition 341 S. Alaska Margin: U1417 C 4H 3 0 - 150 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: JM Date: 10.6.13
0									
5	mud							Section slightly color banded	
10									
15								mud lense @ 18.5 cm	
20			N4					clast @ 21.5 cm, ϕ 0.3 cm	
25									
30									
35									
40									
45								43 - 77 cm diatom ooze	
50									
55	ooze				0-1				
60									
65			N4						
70								76 - 77 cm darker grey layer (silty?) (major unit) fine sand	
75			N3						
80									
85									
90									
95									
100	mud								
105			N4						
110									
115									
120									
125									
130									
135									
140								Clast @ 141 cm, ϕ 0.3 cm	
145									
150									

Expedition 341 S. Alaska Margin: 41417 C 4H 4 0 - 150 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: JM Date: 10.6.13
0									
	mud							- gray/greenish mud with slight color banding	
10									
20								- silty mud layer @ 19.5 cm, greenish diatom banding ?	
30			N4 mottled		very slight bioturbation (0-1)				
40	mud								
50									
60									
70									
80									
								- 85-87 cm green layers (silty mud) 5GY 4/1, diatom banding !	
90									mud & little sand ↓ sand with mud
100									
110									
120									
130									
140								~~clast @ 144 cm, 70.5 cm~~	
150									

Expedition 341 S. Alaska Margin: U1417 C 4H 5 0 - 102 cm

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: JM Date: 10.6.'13
0								slightly color banded, few black mottles	
10									
20	mud		greenish N4					sandy/silty mud layers @ 24, 27 cm, ϕ 0.4	
30								(mud?) clast @ 37 cm; ϕ 0.5 cm	
40					slight				
50								40 - 103 cm slightly coarser (silty?) mud similar to diatom oozes seen above	
60	muddy ooze								
70					1-2		SS	diatom ooze @ 93 cm appeared	
80								silty mud (green) layer @ 80 cm	
90								between 39 - bottom increasing bioturb. (1-2)	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 41417 C 4H CC 0-8.5cm

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: JM 10.6.13
0	mud		N4		1			black mottles	
10	X						PAL	8.5-13cm sample	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 4147 C 5H 1 0-150cm

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: JM Date: 10.6.13
0									
10									
20	mud		N4	Heavily disturbed				brown streak @ 27 cm (silty?)	
30									
40									
50					?				
60									
70				slurry/soupy					
80									
90									
100									
110									
120									
130					slight				
140								silty green mud layer @ 142cm	
150									

Expedition 341 S. Alaska Margin: U1417 C 5H 2 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: MF 10/JUN/13 Date:
0	Mud		N4					0-78	
10									
20									
30								* somewhat lighter/greenish	
40								* scattered black mottles	
50									
60									
70					1				
								78-150	
80								* Mud	
			N4		1				
90								* scattered black mottles	
								* greenish lamina (~0.5 cm)	
100								at 146 → diatoms?	
110								* slight colour variation	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 5H 3 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: MF 10/JUN/13 Date:
0	Mud		N4		1 (slight)			0-122	
10								* Mud	
								* slight colour variations	
20								* 81: more greyish lamina (~5mm)	
30									
40									
50									
60									
70									
80									
90									
100									
110								122-128:	
120								* volcanoclastic rich mud	
			5Y 3/1		1 (slight)			* irregularly dispersed	
130								128-150:	
			N4					* Mud	
140					1 (slight)			* slight colour variations	
								* ash clast around 137 (~5mm) ↳ bioturbated?	
150									

Expedition 341 S. Alaska Margin: U1417 C 5H 4 0 – 150 cm

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: JM Date: 10.6.13
0								drop stone @ 0.5 cm, ϕ 0.8 cm	
								— " — @ 3 cm, ϕ 0.8 cm (in NH)	
10									
20								silty mud lenk @ 18 cm, ϕ 0.5 cm	
30								clasts @ 39 – 43 cm, ϕ 4 cm & 0.8 cm → black shale (schist)	
40									
50									
60	mud		N4		0				
70									
80									
90									
100									
110									
120								clast @ 120.5 cm, ϕ 1 cm, subrounded	
130			5Y5/1		slight			130 – 138.5 cm sand bed (medium → fine size) normal graded, sharp lower boundary, irregular/erosive upper boundary	
140	mud								
150									

Expedition 341 S. Alaska Margin: 414 17 | C | 5H | 5 | 0-150 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: JM Date: 10.6.13
0									
10								clast @ 15.5 cm, ϕ 1 cm, well rounded	
20									
30									
40									
50	mud		N4	slight soupy					
60									
70								70-110 cm color banded	
80									
90									
100								silty lense @ 103 cm	
110									
120								clast @ 117 cm, ϕ 0.5 cm	
130									
140									
150									

Expedition 341 S. Alaska Margin: 41417 C 5H 6 0-138 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: JM Date: 10.6.13
0								slightly greenish Sediment 13 cm & 80 cm	
			N4						
10									
	mud		N4					silty mud layers @ 20, 23, 25 cm	
20									
			mottled						
30								clast @ 31.5 cm, ϕ 0.3 cm	
40									
50								50.5 - 52.5 cm fine sand irregular upper & lower boundary 5Y 2.5/1, brown (dark)	
60									
70	mud							5Y 4/1 silty mud lenses @ 57 & 58 cm	
80									
			N4	void				89-91 cm void !	
90									
100								clast @ 104.5 cm, ϕ 0.5 cm	
								-"- 108 cm, ϕ 0.3 cm	
110	mud								
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 5H CC 0-12

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: JH 10/JUN/13 Date:
0	mud							0-6	
10	X		M4				PAL		
20									
30								6-12 Sample (PAL)	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

DESCV

Expedition 341 S. Alaska Margin: U1417 | C | 6H | 1 | 37.00m CSF-A

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: MUD Minor Lithology:

Logged by: Childress Date: JUNE 10 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0				SLIGHT SOUPY		Pebbles		*with color banding, green/black (diatomaceous?)
10	mud		N4*					
					15			
18								18-20: clast void
20					slight			
23								23-150: drag - slight to mod.
28						28		
30								
34					34			
40								
50						50		
60								
70	mud							
80								
90								
100								
110								
120	mud							
128						128		
130								
140								
149				VOID				149-150: void, destroyed
150								

DESC✓

Expedition 341 S. Alaska Margin: U1417 (Site) C (Hole) 6H (Core) 2 (Section) 38.50m CSF-A (Top Depth)

Major Lithology: MUD Minor Lithology:

Logged by: Childress Date: June 10 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0						Pebbles ↓		* with green/black color banding
10	mud ↓		N4* ↓					
20								
30								34-35: green patch
40								
50								
55								
60							SS60	⇒ mud, trace biogenics (almost none)
						66 - 2cm pebble		
70								72 - clast void?
80					Slight	80		
90								
100					102			
110								
120								
130						133.5		
138								
140					slight			
147								
150								

DESCV

Expedition 341 S. Alaska Margin: U1417 (Site) C (Hole) 6H (Core) 3 (Section) 40.00 m CSF-A (Top Depth)

Major Lithology: MUD Minor Lithology:

Logged by: Childress Date: June 10 2012

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0					0	Pebbles 3		* w/ black green color banding
10	mud ↓		N4*		slight			
20								
30	gradational 28-30 sharp		5Y, 4/1		27		SS29	28-30: normal grading, fine sand to silt → sand, fine, amphibole rich
40	42-43							42-43 - silt layer
50								
60						58-64 5.5cm pebble		→ meta silt/sandstone
70								
80								
90								
100				CRACK				104-112: crack, slight
110								
120								
130								
140								
150								

Expedition 341 S. Alaska Margin: U1417 C 6 4 0–150 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: JM Date: 10.6.13
0								black mottles throughout section	
10	mud								
20			N4 to 10Y 4/1						
30									
40					slight				
50								clast @ 54 cm, ϕ 0.8 cm (in WH)	
60									
70									
80									
90									
100									
110									
120								clast @ 128 cm, ϕ 2 cm	
130									
140									
150									

meta silt / sandstone chlorite rich

Expedition 341 S. Alaska Margin: U1417 C 6H 5 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: HB, 6-10-13
0									
10									
20									
30									
40			N4					black mottling	
50									
60									
70									
80									
90	VOID			S				VOID	
100									
110									
120								brown, N4,	
130									
140	diat. mud		10YR 4/2						
150									

Expedition 341 S. Alaska Margin: U447 C 6 6 0-104

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: HB, 6-10-13 Date:
0	diat. ooz. mud		10Y 4/2						
10									
20									
30	mud		4Y4						
40									
50									
60									
70									
80									
90									
100								EOS	
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 6 CC 0-18.5

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: AB, 6-10-13
0									
	mud		Nh						
10									
13									
	PAL								
18.5									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

DESCV

Expedition 341 S. Alaska Margin: U1417 | C | 7H | 1 | 46.50 m CSF-A

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: MUD Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: June 10 2013
0				*		Pebbles ↓		*along core cont, drag, slight to mod. 0-150cm		
				S						
				O						
10				U				*occasional green color banding		
	mud ↓		N4* ↓	P						
				Y						
20				23						
30										
						36.5 37				
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150										

DESC

Expedition 341 S. Alaska Margin: U1417 (Site) C (Hole) 7H (Core) 2 (Section) 48.00m CSF-A (Top Depth)

Major Lithology: Mud Minor Lithology:

Logged by: Childress Date: June 10 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0						Pebbles		
10								11-12: brown lense, 2.5Y, 5/1 11-44: crack, slight
20								
30								
40	mud		N4					
46						46		
50								
60								
70								
76 77						76 77		
80						81		
88						88		
90								
100								
107			5Y, 4/1		107			*black mottling (bio)
110					slight to mod.			
120	mud							
128		normal grading	2.5Y, 4/1		128		55130	→ ASH: irregular glass 128-131: sand to silt w/ normal grading
130					none			
131			132-133 5Y, 4/1		131 slight to mod.			132-133: 2.5Y, 5/1, brown lense
140	mud							
150								

DESC✓

Expedition 341 S. Alaska Margin: U1417 (Site) C (Hole) 7H (Core) 3 (Section) 49.50m CSF-A (Top Depth)

Major Lithology: Mud Minor Lithology:

Logged by: Childress Date: June 10 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0								
10	mud ↓							*color banding green/black (27-150cm)
20			↑ 5Y, 4/1					
30			27 N4*		slight ↓		SS28	→ mud, no biogenics –black mottling (bioturb.)
40								
50								
60								
70								
80								
90								
100								
110								
120								
130								
140				(V)				138: clast void, slight – in W ½
150								

Expedition 341 S. Alaska Margin: U1417 C 7H 4 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: AB, 6-10-17 Date:
0									
	mud		10YR 4/2						
10									
14									
						clasts present, fs,		↓ 4 clasts > 2 mm	
20									
30									
	mud		10YR 4/2						
40									
50									
60							SS		
70									
80						clasts present			
								1.5 cm 1 cm	
90									
100	mud		10YR						
110									
120								ash, graded, 5GY 3/2	
123		△							
						clasts present			
130								0.5 cm	
140									
150									

→DL✓

Expedition 341 S. Alaska Margin: U1417 C 7H 5 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: AB, 6-10-13
0						present			
10									
20								clast, granules >2mm: 8	
30									
40	◇							granite clast, Ø4cm, subrounded	
50			N4						
60	◇							argillite clast, 1cm	
70	◇							argillite clast, 1cm	
80									
90									
100									
110									
120									
130									
140									
150									

→DLW

Expedition 341 S. Alaska Margin: U1417 C 7H 6 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: HB, 6-10-13
0						pebbly clasts			
10						clasts >2mm throughout			
20									
			N4						
30						>20% granules			
40									
50									
60									
70									
	◇								
80									
90									
	◇								
100									
	◇								
110									
120									
130									
140									
150									

→DL ✓

Expedition 341 S. Alaska Margin: U1417 C 7H 7 0-50

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: HB, 6-10-13
0						rounded clasts			
10									
20	mud		N4/	void					
30				void					
40				void					
50				void					
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

→DL ✓

Expedition 341 S. Alaska Margin: 1114 | C | 7 | CC | 0–14

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: KB, 6-10-13
0	mud		N4			Clay (pal Sc.)			
8.5									
10	PAL								
14									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 | C | 8H | 1 | 56.00 m CSF-A

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: Mud Minor Lithology:

Logged by: Childress Date: June 10 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0					slight ↓	Pebble ↓		black mottling: 0-150cm.
10	mud ↓	color banding ↓	N4*	↓				10-14: void, moderate
20								
30								
40								
50								
60						61		
70						72		
80								
90								
100								
110			green		moderate ↓	105		
120								
130								
140			green					
150								

Expedition 341 S. Alaska Margin: U1417 | C | 8H | 2 | 57.50m CSF-A

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: Mud Minor Lithology: Ash

Logged by: Childress Date: June 10 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0					slight ↓	Pebbles ↓		0-28: black mottling
10	mud		N4					
20								
28			irregular					
30	ash		2.5Y, 5/1				SS31	clean ash
31								
33-35				Soup				31-97: black mottling
40								
50								
60	mud		N4					
69								
70								
80								
90								
97			gradational					
100					moderate ↓			97-142: black mottling, *color banding (black/green)
112								
110								113-115: void, slight, dart in W½
120	mud		N4*					
130								
140								
142	silt							142-144: silt to mud, normal grading
	mud							
	Ash		2.5Y, 5/2				SS148	145-148: sand to silt, normal grading → ash
148	mud		N4		none			
150								

Expedition 341 S. Alaska Margin: U1417 C 8H 3 59.00 m CSF-A

Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology: DIATOM OOZE

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Childress	Date: June 10 2013
0										
10					none					
20	mud		N4							
30										
34					moder. ↓					
40								34-67 *5Y, 5/2, patches		
50	diatom ooze		5GY, 4/1							
60							SS58 →	DIATOM OOZE		
67										
70					slight ↓			68-75: mod. clast void, in A½		
80								67-150: black mottling.		
90			N4							
100	mud									
110										
120										
130										
140										
150										

→DL ✓

Expedition 341 S. Alaska Margin: U1417 C 8 4 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: HB, 6-10-13 Date:
0									
10									
20									
25	◇							3 cm	
30									
40	◇								
45			N4						
50								colour banding	
60	Mud								
70							SS	mud	
80									
90									
100									
110									
118	◇							1 cm	
120	Sand	△						4 graded sands 5GY2.5/1	
126									
130									
135			N4						
140	Mud								
150									

→ DL

Expedition 341 S. Alaska Margin: U1417 C 2 5 0-151

Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology: sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: HG, 6-10-13 Date:
0									
10	mud		N4						
20									
30									
34.5	ash	△						ash, 5Y 3/2	
36	mud	△	N4					ash, 5Y 3/2	
40									
50	d-b-mud		10Y 4/2						
60									
69									
70									
80									
90	mud		N4					colour banding	
100									
110									
120									
130									
140									
150									

→ DL

Expedition 341 S. Alaska Margin: 1447 C 8 6 0-151

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: AE, 6-10-15 Date:
0								massive mud	
10									
20									
30									
40	mud		N4						
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

→ DL

Expedition 341 S. Alaska Margin: U1417 C 8 7 0-71.5

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: HB, 6-10-13 Date:
0									
10								massive mud	
20									
30	mud		N4					void of a lowrise in wtl, 2cm, elongate, siderocided, argillite	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

→ DL ✓

Expedition 341 S. Alaska Margin: U1417 C 8 SC 0-16

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: HB, 6-10-13
0									
10	Mud		N4						
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 (Site) C (Hole) 9H (Core) 1 (Section) 65.50 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: JUNE 10 2013
0				SLIGHT / SOUPY	slight	Pebbles				
10	mud	color banding	N4*					*greenish/black layers		
20						16				
30										
40						42				
				V				43-45: void, clast in W/2		
50										
60				V		57		57-60: void, clast in W/2		
70						68 71 (2x) 75				
80										
90						93				
100										
110										
120						123				
130	silt							132-138: 2.5Y, 6/2, layer of silt/fine sand *along core contamination, intense		
						135				
140										
150										

Expedition 341 S. Alaska Margin: U1417 | C | 9H | 2 | 67.00m CSF-A

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: MUD Minor Lithology:

Logged by: Childress Date: June 10 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0					slight	Pebbles		
						2		
						5		
10	mud	color banding	N4*			11 (2x)		*black mottling, green/black layers
						12		
						14		13-46: crack, slight to mod.
								14-21: void, clast-drag, slight
20								
30								
40						39		
50								
60						58		
70						73		
80						77		
90								
100								
110								
120								
130								
140								
						146		
150								

Expedition 341 S. Alaska Margin: U1417 | C | 9H | 3 | 68.50 m CSFA

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: Mud Minor Lithology: Diatom ooze

Logged by: Childress Date: June 10 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0					slight	Pebbles 4		
10	mud	color banding	N4*					*black mottling, green/black layers 12-41: clast drags, slight
20								
30								
40								
50								
60								
70								
80				⊗				81-83: void, in W½ clast
			gradational		moderate			86-112: brown patches, 5Y, 5/2
90	diatom ooze		5GY, 4/1			87		
100						97		
110			grad.		slight		SS110 → diatom ooze	
120	mud		N4					
130								
140						136 143		
150								

→DL

Expedition 341 S. Alaska Margin: U1417 C 9H 4 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: AB, 6-10-13 Date:
0									
10	mud		10Y4/2						
20									
30									
40								2 × 1 cm, subrounded	
50	mud		N4						
58									
60	silt sand		N3				cs	3 graded layers, upward thinning sand	
67									
70									
80									
90									
100	mud		N4					mottled	
110									
120									
130									
136									
140	ash		5Y3/2				ss	sand-size, ash, graded	
144									
150	mud		N4						

→ DL

Expedition 341 S. Alaska Margin: 1147 C 9H 5 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: HB, 6-10-13 Date:
0	mud		N4						
10	d. bio mud		10Y 4/2						
20									
30								mottled	
40									
50							SS		
60									
70								N3	
71	d. bio mud		10Y 4/2						
80						clast present			
90	mud		N4					colors banding	
100								1cm, subrounded 1cm,	
110									
120									
130									
140									
150								1cm,	

-DLV

Expedition 341 S. Alaska Margin: U1417 C 9H 6 0-127

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						0 ↑ clasts present		clast, subrounded, moved upward from 123 cm.	
10									
20	und		IV4						
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

→DLW

Expedition 341 S. Alaska Margin: U1417 C 9H 7 0-81

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: HB, 6-11-13 Date:
0						clast			
						present			
10									
20	mud		N4						
30								0.5 cm, clast	
40									
50									
60									
70									
80	PAL							PAL	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 10H 1 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: MF 11/JUN/13
0	Mud		N4	see ↳				0-150	
10								* mud (diatom-bearing)	
					1 (slight)			* 0-34: cracks	
20								* 47.5-49.0: mud clast	
								* some black mottles	
30								* gradational slow variations	
								to more greyish, greenish, brownish	
40									
50			•						
60									
70			•						
80									
90			• •						
100									
110			•						
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 10H 2 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: MF Date: 11/JUN/13
0								0-48:	
10	Mud		N4		1 (slight)			* mud * gradational colour change to more grayish, greenish, brownish	
20									
30								* gradational lower boundary	
40					2 (moderate)			* ~30-69: moderate bioturbation	
50	diatom ooze		5Y 4/1					48-58: * diatom ooze * sharp lower boundary	
60								* some ooze bioturbated down to ~62 cm	
70	Mud		N4					* small carbonate organisms? (nannofossils?) 58-115.5	
80								* mud with colour variation (as above)	
90					1 (slight)			* gradational lower boundary * 100-102.5: sub-rounded meta-sediment with quartz vein 115.5-142.5	
100								* diatom ooze	
110								* sharp lower boundary * some green (5G4 3/1) intervals, but also more grayish & yellowish	
120	diatom ooze		N4						
130					2 (mod)			142.5-150 * as 58-115.5	
140			5Y 4/1						
150					1				

Expedition 341 S. Alaska Margin: U1417 C 10H 3 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: YF 11/JUN/13
0	Mud		N4		1 (slight)			0-150:	
10								* mud	
								* slight & gradual colour variations	
20									
30								20-22.5: sub-rounded metasediment with weathered vein of quartz or feldspar!	
40								↳ SEM SAMPLE	
50									
60									
70									
80									
90									
100									
110									
120									
130								129: sand clast	
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 10H 4 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: HF 11/JUN/13
0	Mud		N4		1 (slight)			0 - 142.5	
10								* Mud (partly burrow)	
								* slight colour variations	
20								* lower gradational boundary	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140								142.5 - 150	
								* diatom ooze	
			10Y 4/1					* some colour variation	
150									

Expedition 341 S. Alaska Margin: U1417 C 10H 5 0-150cm

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: JM Date: 11.6.13
0	ooze?		10Y 4/1					silty? diatomaceous mud 0-7cm	
10								few black mottles throughout section	
20									
30								clast @ 32.5cm; ϕ 1.5cm	
40								clast @ 41.5cm, ϕ 1.5cm, metasediment, subrounded	
50	mud		N4						
60					slight			clast @ 64.5cm, ϕ 1cm, subrounded, clast @ 65cm, ϕ 0.5cm	
70								clast @ 71cm, ϕ 0.5cm	
80									
90								clast @ 85cm, ϕ 3cm, metasediment, subrounded	
100								102.5cm clast @ (1cm ϕ)	
110									
120									
130									
140	ooze!							138-150cm ooze	
150									

Expedition 341 S. Alaska Margin: U1417 | C | 10H | 6 | 0 – 150 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: JM Date: 11.6.13
0								clast @ 3 cm, ϕ 2 cm, metasediment subangular	
10	mud		N4		↑			black mottles in upper part & lower part	
20									
30			5Y 4/1					27–29 cm fine sand gradational upper boundary, sharp lower	
40								clast @ 30 cm, ϕ 1 cm, subrounded; clast @ 36 cm, ϕ 1.5 cm, -"-	metaseds
50								clast @ 46 cm, ϕ 0.5 cm; -"- 49 cm, ϕ 0.5 cm	
60	mud								
70			N4						
80									
90								clast @ 90 cm, ϕ 0.5 cm	
100									
110									
120									
130					↑			black mottles; clast @ 134 cm, ϕ 0.5 cm	
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 10H 7 0-63cm

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: JM Date: 11.6.13
0									
10	mud		N4		slight				
20									
30			5Y 4/1					31.5 - 34 cm ~~[illegible]~~ fine sand muddy; grad. upper bound. sharp lower	SS
40								fine sand lense @ 42 cm, ϕ 1cm (white)	
50	mud		N4		slight (5)			-"- 47.5 ϕ 1cm (black)	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 10H CC 0-21 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: JA Date: 11.6.13
0	Mud		N4	slurry (3)	1			black mottles	
10									
20	X							PAL sample 21-26 cm	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 11H 1 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: JF Date: 11/JUN/13
0	Mud		N4	see ↓				0-44	
10					1 (slight)			* Mud * scattered black mottles * gradational lower boundary * 0-6 disturbed	
20									
30								44-79.5 * carbonate-bearing mud with ash * bright (10Y 5/1) spots of carbonate & ash * gradational lower boundary	
40									
50			N4 but slightly brighter		2 (mod.) to 3 (intense)			* some black mottles	
60									
70									
80	Mud		1		1			79.5-150	
90								* as 0-44	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 11H 2 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:
									YF 11/JUN/13
0	MUD		N4		1 (slight)			0-71:	
10								* mud	
								* slight colour variation (greyish, greenish, brownish)	
20								* some black mottles	
30								* sharp & irregular lower boundary	
								30-34: sub-angular clast of meta-sediment	
40									
50									
60								59-63: sub-angular clast of meta grauwacke	
70								71-72:	
								* sandy silt;	
80								* erosive lower boundary	
90								72-150:	
								* as 0-71	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 1H 3 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: HF Date: 11/JUN/13
0	MUD		N4		1 (slight)			0-150	
10								* MUD	
								* slight colour variation to more greenish, brownish, greyish	
20								* some black mottles	
30									
40									
50								54-55: two silt/sand clasts (<2 cm) to one slight grey, one brown	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 11H 4 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: MF 11/JUN/13 Date:
0			N4		1 (slightly)			0-150	
10	Mud							* Mud, at least partly diatom bearing	
20								* gradual colour change to slightly more greyish, brownish, greenish	
30									
40									
50									
60								69: diatom-bearing mud with clasts	
70									
80									
90									
100									
110									
120					0 (No)			121.5-150: no bioturbation	
130									
140								136: silt/sand lense (~1 cm)	
150									

Expedition 341 S. Alaska Margin: U1417 C 11H 5 0-150 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: JM Date: 11.6.13
0									
10			N4					Color banded	
					0				
20	mud								
30									
40								40-55 cm black mottles slight bioturbation	
					^				
50									
60	d. seaing mud							60-73 cm ? color variations black mottles pyrite formation !!! diato- seaing mud	
70									
78								78-83 cm sandy (medium) irregular layer, sharp irregular bottom	
80			5Y 5/1						
90									
100	•							clast @ 102.5, ϕ 0.4 cm	
110									
120									
127								black mottles @ 127 cm	
130									
140									
150									

Expedition 341 S. Alaska Margin: 41417 C 11H 6 0–121cm

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Logged by: JM Date: 11.6.13

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0								
10	mud		N4		1			black mottled
20					3		SS	18–21 cm → silt/fine sand [redacted] (vulcanoclastic-rich) with diatoms ⇒ bioturbated
30								2 clasts @ 31 cm, ϕ 1cm
40			5Y 2.5/1					34–40 cm sand lenses ash → bioturbated → rotten ash
50	mud		N4					black mottled
60								
65			5Y 4/1					65.5 – 67.5 cm silty sand
70			N4					
80			10YR 5/1					84–86 cm ash ! medium sand sized
85								clast @ 87.5 cm, ϕ 0.6 cm, rounded, vulcanoclastic (got lost in sink)
90								
100	mud		N4					
110								
120								
130								
140								
150								

Expedition 341 S. Alaska Margin: U1417 C 11H 7 0 - 57cm

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: JM Date: 11.6.13
0									
10	Mud		N4		1-2 slight			Slack mottled	
20									
30			10YR 5/1		3			26-32cm bioturbated ash medium sized → lenses	
40			5GY 4/1 & N4		2			Slack mottled within dark greenish gray	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 11 CC 0-22 cm

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	~~[illegible]~~ mud		5GY 4/1					~~[illegible]~~ ~~mud [illegible]~~	
10				3				mousselike 10-22cm drill distb.	
20	X						PAL	22-28cm sample	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 12H 1 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: AF 11/JUN/13
0	Mud		N4	slightly disturb.	slight to moderate bioturbation (1-2)			0-150	
10								* Mud	
								* slight colour change (greyish, brownish, greenish)	
20								* some black mottles	
30								*	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 12H 2 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: HF 11/JUN/13 Date:
0								0-127	
10	MUD		N4		2 (mod)			* Mud * slight colour changes (greyish, brownish, greenish) * some black mottles * some scattered silt/sand lenses	
20									
30									
40									
50									
60									
70								71-72: subangular clast of meta sed.	
80									
90									
100									
110									
120									
130					1 (slight)			127-128: sand, sharp upper boundary; erosive lower boundary → irregularity of lower boundary partly related to bioturbation; more brownish-greyish than surrounding sediments	
140									
150								128-150: as 0-127	

Expedition 341 S. Alaska Margin: U1417 C 12H 3 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: YF 11/Jan/13
0	MUD		N4		1 (slight)			0-39:	
10								* Mud	
								* some black mottles	
								* slight colour variations	
20								* scattered lenses of silt & evt. Sand	
30								* gradational lower boundary	
40	D				mod			39-42.5:	
								* Diatom ooze	
50					see			* gradational lower boundary	
								42.5-150:	
60								* Mud	
								* slight colour variations	
70								* scattered silt/sand lenses (<1cm)	
								~63: subangular clast of feldspar (~4mm)	
80									
90								* lighter & more bioturbated intervals: 66-87, 117-138	
100								* darker & less bioturbated intervals: 87-117; 138-150	
110								* some black mottles	
120								* below 117: some pull-down along liner wall	
				see					
130									
140					bioturbation between 1 (slight) & 2 (moderate)				
150									

Expedition 341 S. Alaska Margin: 41417 C 12 4 0 – 150 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: JM Date: 11.6.'13
0			N4		slight				
10			8						
20			black mottles		moderate				
30	Mud				8		SS (26)	26 cm mud with diatoms	
40								clast @ 35 cm, ϕ 0.5 cm silty laminae between 39 & 43 cm	
50			45						
60				slight + bows	slight				
70			N4						
80	Mud								
90			85 black mottles		moderate			silty laminae @ 87 – 91 cm	
100			98						
110									
120			N4		slight				
130									
140								clast @ 139.5 cm, ϕ 1 cm	
150									

Expedition 341 S. Alaska Margin: 41417 C 12 H 5 0 - 150 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: JM Date: 11.6.13
0					?			0-8 cm slightly coarser/silty diatom ?	
10									
20								clast @ 17.5 cm, ø 1 cm, subrounded, black metasediment	
30	mud		N4						
40								44-55 cm silty lenses (lin.)	
50					0			clast @ 49 cm; ø 0.3 cm	
60									
70								clast @ 64 cm, ø 0.8 cm, subrounded clast @ 67 cm, ø 0.5 cm	
80									
90	mud		N4						
100								95-110 cm silty lenses (sm.)	
110									
120								clast @ 116 cm, ø 1 cm	
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 12H 6 0 – 110 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: JM Date: 11.6.13
0									
10	Mud		N4		0			0-19 cm massive mud	
20								2 clasts @ 22 cm, ϕ 1 cm	
30			black mottles		3			moderate to high bioturbation between 20 & 68 cm	
40			5GY 4/1		moderate to high			44-46 cm lithified sandy slack (in WH)	
50	Mud		black mottles						
60									
70									
80					1-2				
90			5GY 4/1					96-102 cm: diato ~~bear~~ with silt-size ash (glassy, angular) lenses (10Y 5/1)	
100	Mud				mottles (2)		SS (102)		
110									
120									
130									
140									
150									

63 cm

Expedition 341 S. Alaska Margin: U1417 C 12H 7 0-57cm

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: JM Date: 11.6.13
0								black mottles 0-22 cm	
10	mud								
20								clast @ 16.5 cm, ϕ 1 cm, subrounded metasediment (in WH)	
30			5GY 4/1 to N4					clast @ 34.5 cm ϕ 2 cm, subrounded, metasediment	
40									
50									
60								PAL sample	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 14H 1 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: JF 11/04/13
0			N4		1 (light)			0-150:	
10								* Mud	
								* some black mottles	
20				see				* slight colour variations	
30									
40								0-29: some disturbance (some holes; some rip-off)	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 14H 2 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: IF 11/JUN/13
0			N4		1 (slight)			0-120.5	
10								* Mud	
20								* slight colour variations	
								* some black mottles	
30									
40									
50									
60									
70									
80									
90									
100									
110									
M								120.5-128.5:	
120								* silt	
			5Y 4/1					* more brownish close to bottom	
130								* gradational upper boundary	
								128.5-130.5: VOID	
140								130.5-150.0	
								diatom ooze	
150									

Expedition 341 S. Alaska Margin: U1417 C 14H 3 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: HF 11/JUN/13
0			N4					0-7: diatom ooze	
10								7-150:	
								* Mud	
20								* slight color variation	
								* some black mottles	
30									
40									
50									
60									
70									
80					slight to moderate				
90									
100									
110									
120									
130									
140									
150									

22

Expedition 341 S. Alaska Margin: U1417 C 14H 4 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: MF 11/JUN/13
0			N4					0-54:	
10								* Mud	
2								* slight colour variations	
20								* some black mottles	
30					slight to moderate			54-58:	
40								* diatom ooze	
								* more greenish than surrounding	
50								58-135.5	
60								* Mud	
								* slight colour variation	
70								* some black mottles	
80									
90									
100									
110								135.5-140:	
120								* diatom ooze	
								* slightly more greenish	
130									
140								140-150	
								* Mud as above	
								* slight colour change	
150								* some black mottle	

Expedition 341 S. Alaska Margin: U1417 | C | 14H | 5 | 0-151 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: JM Date: 11.6.'13
0								color banding throughout section	
								clast @ 4cm, ϕ 1cm	
10			N4					(slightly greenish N4)	
20					slight to moderate				
30	mud								
40				slight boring					
							SS (40)	mud	
50								clast @ 55cm; ϕ 1cm	
60			N4					clast @ 62cm; ϕ 1cm	
70									
80	mud								
90									
100			N4					clast @ 96cm, ϕ 2cm, subrounded, metasediment; clast @ 97cm, ϕ 1cm; clast @ 106.5cm, ϕ 0.5cm; clast @ 111.5cm, ϕ 0.5cm	
110									
120	mud								
130									
140								clast @ 135-138cm, ϕ 3.5cm, subrounded metawacke	
150									

Expedition 341 S. Alaska Margin: U1417 C 14H 6 0-150 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: JM Date: 11.6.13
0								color banded, black mottles throughout section	
10								clast @ 10 cm	
20			N4						
30	Mud				slight to moderate			silty lenses @ 33 cm	
40									
50								clast @ 50 cm, ϕ 4 cm, metased. (subrounded)	
60	Mud		N4						
70								clast @ 74 cm, ϕ 0.5 cm	
80								3 clasts @ 86.5 cm, ϕ 0.5 cm	
90				slight bending					
100									
110	Mud		N4						
120									
130									
140									
150								clast @ 148 cm, ϕ 2 cm	

Expedition 341 S. Alaska Margin: U1417 C 14H 7 0 - 60c

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: JM Date: 10.6.13
0								color banded / black mottles	
10			N4					white soft material (pretty small lense) @ 13-14c	
20									
25					slight to mod.			26-31c sandy mud	
30			5Y 4/1						
35	mud							41-60c;	
40								ooze interval; slightly greener	
50	ooze								
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 15H 1 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: MF 11/JUN/13 Date:
0			N4		1 (slight)			0-93.5	
10								* Mud	
								* slight colour variation	
20								* scattered black mottle	
								* 46.5: pyritised burrow	
30								↳ PHOTO	
								* scattered lenses of mud: very	
40								fine sand (< 0.5 cm)	
50									
60									
70									
80									
90									
	DO							93.5-97.5	
100								* diatom ooze	
110								97.5-150	
120								* as 0-93.5	
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 154 2 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: MF 11/JUN/13
0	Mud		N4		1 (slight)			0-34	
10								* Mud	
								* slight colour variation	
20								* some black mottles	
								* scattered lenses of mud/very fine sand (<0.5 cm)	
30								34-49.5	
40	DO							* diatom ooze	
								* somewhat more brownish/yellowish	
50	Mud								
								49.5-144.5	
60								* as 0-34	
70									
80								144.5-150	
90								* diatom ooze	
100									
110									
120									
130									
140									
150	DO								

Expedition 341 S. Alaska Margin: U1417 C 15H 3 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: HF 11/JUN/13
0			N4		1 (slight)			0-150	
10								* clay	
								* slight colour variations	
20								* some black mottles	
								* scattered sand/very fine sand lens (< 0.5 cm / some ash?)	
30									
								* scattered continuous & discontinuous strata of ash & sand below 91 cm	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 15H 4 0-150cm

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: JM Date: 11.6.13
0									
10	mud				slight			mud	
20			N4						
30								clast @ 30cm, ϕ 3cm, metasediment, well rounded	
40	mud with silt								
50	5Y		10Y 5/1					mud with biogenic components	
60									
70									
80					no bioturb.				
90			5Y 2.5/1					86-89cm vulcanoclastic bearing silt bioturbated up to 81cm & down to 91cm	
100									
110	mud with silt		10Y 5/1						
120									
130								clast @ 134cm, ϕ 0.5cm	
140	mud		N4		slight			mud	
150									

Expedition 341 S. Alaska Margin: U1417 C 15H 5 0–150 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: JM Date: 11.6.'13
0								color banded with few black mottles (whole section)	
10									
20							(?1)	mud (banded, clayey)	
30	mud								
40			N4						
50									
60				very slight banding	slight			clast @ 56.5 cm, ϕ 1.5 cm; clast @ 62.5 cm, ϕ 1 cm	
70									
80									
90	mud								
100									
110					moderate			clast @ 110.5 cm, ϕ 1 cm	
120			5Y 4/1					silty lense @ 122.5 cm, ϕ 1.5 cm	
130									
140					slight				
150									

Expedition 341 S. Alaska Margin: U1417 C 15H 6 0–150 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: JM Date: 11.6.13
0									
	•							clast @ 6.5 cm, ϕ 0.5 cm	
10							SS (HB)	mud (barrel)	
20									
30	Mud		MK						
40									
50	•							clast @ 48.5 cm, ϕ 0.5 cm	
60									
70									
80	Mud								
90			MK						
100									
110									
120									
130	• •							2 clasts @ 128, 130 cm, ϕ 0.5 cm	
140	•							clast @ 136 cm; ϕ 1 cm	
150									

Bioturb.: some bioturb. / wackestone

Expedition 341 S. Alaska Margin: U1417 C 15H 7 0-59 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: JM Date: 11.6.13
0									
10								just mud	
20			N4	0					
30	mud				slight				
40								cracked @ 38-50 cm	
				2					
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 41417 C 15H CC 0-15.5cm

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: JM Date: 11.6.'13
0									
10	mud		N4		none			just mud	
20							RAL	15.5 - 20 cm sample	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

DESC ✓

Expedition 341 S. Alaska Margin: U1417 | C | 16H | 1 | 132.00m 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: Childress	Date: June 11 2013
0					slight ↓	Pebbles ↓				
10			5GY, 4/1							
	diatom?									
20	mud					20 23(2x)				
30							SS35	→ mud, nobiogenics		
40						40				
		44				45				
50	diatom ooze		10Y, 5/1				SS52	→ diatom ooze		
60		57								
70		color banding	N4*							
80	mud									
90										
100										
						105				
110										
120										
130										
140										
150										

DESC✓

Expedition 341 S. Alaska Margin: U1417 | C | 16H | 2 | 133.50m 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 11 2017
0					slight	Pebbles		0-75: black mottling		
10										
20						21				
30	mud	color banding	N4*			31				
40										
50							SS52	→ mud, no biogenics		
60										
70										
75			gradational			76				
80		color banding								
90			5GY, 4/1							
100										
109										
110	mud		N4			112.5 113.5 115 116				
116					slight					
120			5GY, 4/1							
130										
131								131-150: black mottling		
140	mud		N4			143 144(27) 146				
150										

DESCV

Expedition 341 S. Alaska Margin: U1417 | C | 16H | 3 | 135.00m CSF-A

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: MUD | Minor Lithology:

Logged by: Childress | Date: June 11 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0					slight ↓	Pebbles ↓		* along core contamination
10						7, 8, 11		
20						18.5, 22, 26		
30	silt			Acc				28-33: very disturbed silt layer
40	mud	color banding	N4*					greenish layers
50						47		
60	silt			Acc		57, 62 — 4cm metagreywacke, 66		62-65: very disturbed sand layer
70								
80						83		
90						92		
100	mud		5GY, 4/1			104		
110								
120	mud	color banding	N4*			119, 120		
130						129		
140						138		
150								

→ DLV

Expedition 341 S. Alaska Margin: U1417 C 16H 4 0-150

Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology: ash

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: HB, 6-11-13 Date:
0						clasts present			
10									
20									
25	mud		N4						
30								colour banding	
40									
50								N6, sand	
60	mud		N4						
66									
69.5	ash	△	N6				SS	ash	
70								mottled, colour banding	
80									
85	mud		N4						
90									
99									
100	ash	△	5Y 4/2					ash	
103.5						Clasts present			
110								mottled, colour banding	
120	mud		N4						
130									
135	d.b. mud		10Y 4/2						
140									
150									

-DL✓

Expedition 341 S. Alaska Margin: U1417 C 16H 5 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: HB, 6-11-13 Date:
0	d b. mud		10Y4/2						
10	13								
20						clasts pos.		clast, 2.5cm, subrounded, argillite	
30			N4					clast, 0.5cm	
40								clast, 1cm, subrounded	
50	53 53		5Y 4/2					ash	
60								colour banding	
70								void, clast in WH	
80			N4						
90								clast, 1.5cm, subangular	
100									
110									
120								1 clast, 2cm, subrounded, argillite	
130									
140									
150			5Y3/1				SS	clast, max. 0.5cm at base, angular sand	

→DL✓

Expedition 341 S. Alaska Margin: U1417 C 16H 6 0-50

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: HB, 6-11-13 Date:
0						clasts forsed			
10									
	mud		N4						
20									
30								colour banding	
40									
50									
60								brown cracks	
70									
80									
90									
100									
110								colour banding	
120	mud		N4						
130									
140									
150									

→ DLV

Expedition 341 S. Alaska Margin: U1417 C 16H 7 0-49/54

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: HB, 6-11-13
0									
10	mud		N4						
20									
24.5	◇					◇		clast, 2 cm, subrounded, argillite	
30	d.b.								
40	mud		10YR 4/2						
49									
50	PAL					PAL			
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

DESC✓

Expedition 341 S. Alaska Margin: U1417 | C | 17H | 1 | 141.50m CSF-A

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: Mud | Minor Lithology:

Logged by: Childress | Date: June 11 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0			0 2	soupy	slight ↓	Clasts ↓		*along core contamination *intermittent black mottling (0-150)
10	mud		N4					
20						20 23		24-27: clast drag, slight
30						31		
40						38 42		
50						48		
60	gravel	reverse grad	N3	ACC heavy				63-80: pebble rich layer (largest 2 cm); ~average, 5mm
70								
80	mud		N4					
90								
94-95	silt					94 95		
100						100		
110						106 109 115		
120								
130						129 130		
140	Sand/Silt	normal grad		ACC heavy				143-150: sand → silt, normal grading
150								

Expedition 341 S. Alaska Margin: U1417 C 17H 2 143.00 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: Chilcress	Date: June 11 2013
0					slight	Clasts		green black color bands		
10	Mud	color banding	N4							
20	silt	20 21								
30				Bowed (slight)						
40	ash	37 38	5Y 5/2			42	SS38 → A&H			
45	silt	46 47								
50						47 50.5 51.5 52				
60						57 63		63-96: along core cut (drag), slight		
70						70				
80						80				
90						91 93 95 96 98				
100	silt	104 105								
110						112				
120						120(2v)				
130										
140										
144	gradational diatom ooze		5Y 4/1			149(2v)				
150										

Expedition 341 S. Alaska Margin: U1417 | C | 17H | 3 | 144.50 m CSF-A

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: Diatom ooze Minor Lithology:

Logged by: Childress Date: June 11 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0	Diatom ooze ↓	Color banding	5GY,4/1 ↓		Slight ↓	clasts ↓		green/black color banding
10						13		
20						24		
30						29		
40								
50								
60							SS60	→ diatom ooze
								67-150: crack, slight
70								
80								
90								
100								
110								
120								
130								
140								
150								

→ DLV

Expedition 341 S. Alaska Margin: U1417 C 7H 4 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	d.b. mud		10Y4/2					colour band	
9.5									
10		△					S1	ash, 10YR 4/1	
13									
	diatom ooze							colour banding	
20			10Y4/2						
29									
30	ash diatom	△	10YR 4/1				S2	colour banding, 5Y2.5/2, ash	
38									
40									
50								colour banding	
			10Y4/2						
60	diatom ooze						S3		
70									
78									
80									
90								colour banding	
	mud		N4						
100									
110									
118	◇					◇		clast, 2cm, argillite, subrounded,	
120									
	diatom ooze		10Y4/2						
130									
140									
150	mud		N4			clasts pos			

→ DL ✓

Expedition 341 S. Alaska Margin: U1417 C 174 5 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: HB, 6-11-13 Date:
0						clasts present			
	mud		N4						
10									
15								sand. lens. 5Y 5/1	
20									
	mud							colour banding	
30			N4						
40									
44									
50	diatom ooze		10Y 4/2						
60									
61									
70									
	mud		N4						
80								void of clast gave way from boots/values	
90									
96									
100	diatom ooze		10Y 4/2						
105									
110								1cm clast, subrounded	
								colour banding	
120	mud		N4		slight				
130									
140									
141									
	IW							IW	
150									

→ DL ✓

Expedition 341 S. Alaska Margin: 11417 | C | 17H | 6 | 0-137

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: mud Minor Lithology: sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: HB, 6-11-13 Date:
0									
10									
20									
25	mud		N4					colour banding	
30									
40									
50									
60									
66	*								
70			N4					* interbedded mud and sand	
75		△							
80		△	N4					sands bioturbated at top	
83									
87							SS	Sands N6, graded, vol. rich	
86		△							
90			N4						
93			N6						
95		△							
100						clast (pores-d)			
110									
115	mud		N4						
120									
130									
135									
140									
150									

→ DL ✓

Expedition 341 S. Alaska Margin: U1417 C 17H 7 0-62

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: HB, 6-11-13 Date:
0						clasts present			
10	mud		N4						
20		△	N6					graded sand	
						clasts present			
30									
40	mud		N4						
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

-DLV

Expedition 341 S. Alaska Margin: 11417 C 17H CC 0-27

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: JR, 6-11-13
0						Clasts			
						pocs-t			
10	Mud		N4						
20									
21	TAL								
27									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 18H 1 151.00 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: Childress	Date: June 11 2013
0					slight	Clasts				
	mud	color banding	N4	soupy & mixed						
10										
20										
						24				
30						27				
40						40				
50	silt					49		48: silt layer		
60	mud		N4							
70						72				
80										
90										
						94				
100										
110										
120						117				
130						127				
						134				
140										
150										

Expedition 341 S. Alaska Margin: U1417 | C | 18H | 2 | 152.50m CSF-A

Site: | Hole: | Core: | Section: | Top Depth:

Major Lithology: (Diatom Bearing) Mud Minor Lithology:

Logged by: Childress Date: June 11 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0	mud		N4			Clasts		*along core contamination
10								
16								16-36:
20	diatom bearing mud		5GY, 4/1					
30								
36	mud		N4					
40	sand		N3	ACC				41-52: fine sand to silt, normal grading " : moderate ~~drag~~ ACC
50						x8(2x) 53		
60	mud		N4			57 63		
70	sharp							
80	diatom bearing mud							
90							SS93	diatom bearing mud
100			5GY, 4/1					
110	ASH		5Y, 7/1	ACC			SS113	108-115: fine sand sized " ASH
120								
130						132-136: 5.5cm clast		
138 140 141	sand		N3				SS140	sand 138-141: sand to silt, normal grading
150			5GY, 4/1					

Expedition 341 S. Alaska Margin: U1417 C 18H 3 154.00 m CSF-A

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Logged by: Childress Date: June 11 2013

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0	mud		N4		slight	clasts ↓		* black mottling
10								
20	sand		5Y, 5/1					18-20: sand
	mud		N4					
30	sand		5Y, 5/1					28-31: sand
	mud		N4					
40	sand		5Y, 5/1			37	SS41	39-42: sand
							SS45	sand: amphibole containing, carbonate mud
								mud: no biogenic
50						49		
						53		
60	mud		N4					
70	sand		5Y 5/1					73-74: sand
80						79		
						83		
90	mud		N4					
100								98-111: clast drag: slight
110						113		
120						124		
130	sand		5Y, 5/1					132-135, 138-139: sand
	mud		mud					
	sand		5Y, 5/1					
140	mud		mud					
								141
	IW		IW				IW	
150								151

Expedition 341 S. Alaska Margin: U1417 C 18H 4 0-150

Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology: sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: HB, 6-17-13 Date:
0	← interbedded mud and sand				← slight →	clasts present			
10			N4						
20									
30									
40							SS45	Sands N6, 1-4 cm thick, normally graded, slightly bioturbated at top	
50								sand	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 18H 5 0-152

Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology: sand

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: HB, 6-11-13 Date:
0						clasts (pebbles)	SS4 →	sand	
10									
20									
30									
40			N4						
50								Sands N6, 1-5cm thick, w/cm graded, slightly bioturb.	
60									
70									
80									
90									
100									
110								1 clast, 0.5cm, rounded	
120									
130									
140									
150									

interbedded mud and sand

clast

Expedition 341 S. Alaska Margin: U1417 C 18H 6 0-152

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: HB, 6-11-13 Date:
0						clasts present			
10									
20								sand pod, along core contact	
30									
40									
50	↑		N4					sands N6, 1-4 cm, pods	
60	mud								
70	↓								
80					↑ slight				
90					↓				
100									
110				↑ slight along core contact					
120				↓					
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 18H 7 0-68

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: HB, 6-11-13
0						clasts (forams)			
10									
20	↑								
30	mud								
40	↓								
50			N4						
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 18H CC 0-31.5

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: AB, 6-14-13 Date:
0	◇					Clasts ◇ present		1 clast, 3cm	
10	mud		N4						
20									
30	PAL								
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

DL

Expedition 341 S. Alaska Margin: U1417 C 19H 1 0-141

Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date: MF 12/JUN/13
0								0-36.5	
	BBM		10Y4/1	see ⊠	1 (slight)			* biosilicious-bearing mud	
10								* somewhat more greenish	
20									
30								0-11: some cracks	
								36.5-137.5	
40	Mud		N4					* Mud	
50								* some black mottles	
								* minor color fluctuations	
60									
70									
80									
90									
100									
110									
120									
130									
N4									
140				VOID				137.5-140: VOID	
							IW	140-150 SAMPLE IW	
150									

DL

Expedition 341 S. Alaska Margin: U1417 C 19H 2 0-141cm

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: JM Date: 12.6.13
0								0-22 cm mud (dark grey)	
10	mud		N4		0			clast @ 4.5 cm, ϕ 0.5 cm	
20								clast @ 22.5 cm, ϕ 0.8 cm	
30			green					dark brown silty lens @ 28 cm 5Y 2.5/2	
40									
50	mud		10Y 4/1 to N4 mix	Sawing - unconformity	slight				
60									
70									
80									
90								dark mottles & silty lenses between 91 & 95 cm	
100									
110	mud								
120								few silty lenses @ 118-130 cm	
130									
140								clast @ 139 cm, ϕ 0.5 cm	
150									

DL

Expedition 341 S. Alaska Margin: U1417 C 19H 3 0-57

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: MF 12/7 Date: 4/13
0								0-21	
10			N4	slight to moderate pulldown	1 (slight)			* Mud * some black mottles	
20									
30			N4 to 10Y 4/1		2 (moderate)			21-57 * biosilicious-bearing mud with ash	
40			10Y 4/1		1 (slight)			* some black mottles * 29: mud with ash lenses	
50									
								EOS	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

DL

Expedition 341 S. Alaska Margin: U1417 C 19H CC 0-18.5

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: MF 12/JUN/13
0					1 (slyer)			0-7	
10				see →				* as bottom of section 3	
							PAL		
20								7-13.5	
30								* as 0-7	
								* disturbance : mousse	
40									
								13.5-18.5	
50								Sample PAL	
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 20H 1 0-150 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: JM Date: 12.6.13
0									
	mud		10Y 4/1	3				0 - 58 cm greenish-grey biosilicious sandy mud	
10									
20			5Y 2.5/1	slurry layer				17 - 20 cm sand bioturbated to 11 cm & 22 cm	
30	biosil. sandy mud		10Y 4/1						
40									
50									
60								60 - 145 cm color banding	
70	mud			0	slight			clast @ 74 cm, ϕ 0.8 cm, sub-angular	
80									
90								89 - 91 cm clayey mud	
100	mud								
110								clast @ 110 cm, ϕ 0.5 cm	
120								clast @ 121 cm, ϕ 1 cm, angular Qz / greenstone fragment	
130			N4 - N3					126 - 129 cm clay rich silt, ash? irregular shape, black bottom layer (sharp)	
140			N4				SS (142)	134 - 136 cm clay rich silt layer (sharp irregular)	
150					0			142 - 143 cm fine sized sand layer (sharp, irregular)	

clast @ 138 cm, ϕ 0.5 cm

Expedition 341 S. Alaska Margin: U1417 C 20H 2 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: YF 12/JUN/13
0	Mud		10Y 4/1		1 (slight)			0-150	
10								* Mud	
								* slight colour variation * greenish, brownish, grayish	
20								* some black mottles	
								* multiple well-sorted sand intervals	
30								with 10Y 5/1 colour & sharp upper and lower boundaries	
								- 58.5 - 61	
40								- 72 - 77.5 → bowed over shear	
								~ 95 cm: <3 mm thick	
50								- 134 - 135.5 → load casts ?	
								- 142 - 144 → load casts ?	
60								↳ some lenses of 10Y 5/1 close to layers → bioturbation!	
70									
80				slightly bowed above 100 cm					
								except of 58.5-61 the boundaries are irregular	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 20H 3 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: JF Date: 12/JUN/13
0	Mud		10Y 4/1		1 (slight)			0-140:	
10								* Mud	
								* slight colour variations to greenish, greyish, brownish	
20									
								* some black mottles	
30								* some intervals with stronger bioturbation	
40									
								* Scattered lenses & discontinuous strata of well-sorted sand (?)	
50									
								4-5: lenses	
60								64: <2mm thick	
								82: lense (<1cm)	
70								89-91: discontinuous strata	
								99-100: discontinuous strata	
80									
90									
100				slightly bowed					
110									
120									
130									
140									
							IW		
150									

Expedition 341 S. Alaska Margin: U1417 C 20H 4 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: MF 12/JUL/13
0	Mud		10Y 4/1		slight to moderate			0-82	
10								* Mud	
								* some colour variation to greenish, grayish, brownish	
20								* some intervals with higher amounts of biosilicious fossils?	
								* some black mottles	
30								* gradational lower boundary	
40								82-114	
								* diatom ooze	
50									
60				some/few horizontal cracks (< 1 mm)				114-150:	
								* Mud	
70								* multiple well-sorted muddy intervals with 10Y 5/1 colour & sharp, irregular upper & lower boundaries	
80								- 117-121	
90								- 132.5-137	
	DO				moderate				
100									
110									
120			N4	see ↳	slight			Disturbance:	
130								below 120:	
								* partly intensely bowed (e.g. 138-150)	
140								* some down-flow along liner wall	
150									

Expedition 341 S. Alaska Margin: U1417 C 20H 5 0 - 150 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: JM Date: 12.6.'13
0	Mud		N4	Pillowing	very very slight			section: slightly mottled	
10			5Y 6/1					14.5 - 17 cm, fine sand	
20									
30			N4	fading				clast @ 30 cm; ϕ 0.5 cm -"- @ 31.5; ϕ 0.5 cm	
40								clast @ 41 cm; ϕ 0.5 cm	
50								fine sand/silt layer, sharp irregular shape (51 cm)	
60			2.5 Y 5/1		slight			56-59 cm fine sand, sharp irregular shape	
70	Mud								
80								clast @ 80 cm, ϕ 4 cm, subangular metasiltstone (with bioturbation marks)	
90			N4	5Y 6/1				very fine sand layer @ 92.5 cm (1 cm)	
100									
110								very fine sand/silt/clay @ 105 cm, 107 cm	
120	Mud								
130									
140								clast @ 144 cm, ϕ 0.5 cm	
150									

Expedition 341 S. Alaska Margin: U1417 C 20H 6 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: VF Date: 12/JUN/13
0	Mud		N4	heavily harrowed → sub-vertical structure = suck in				0-150	
10								& Mud	
20								suck in drilling disturbance throughout section	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 20H 7 0-51.5cm

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: JM Date: 12.6.13
0								moderate to heavy sediment throughout section	
10	Mud								
20			N4		0			clast @ 19 cm, subrounded, ϕ 1.5 cm	
30								clast @ 25 cm, ϕ 1 cm	
40				moderate to heavy				clast @ 38.5 cm, ϕ 0.5 cm	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 20H CC 0-26cm

Site: Hole: Core: Section: Top Depth:

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

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date:
0									
10	mud		M4	drilling disturb.				heavy slurry & cracks some black mottles	
20									
30	X						PAL		
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 21H 1 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: HF 12/JUN/13
0	Mud		N4	see ⤧	1 (slight)			0-150	
10								* Mud with biosiliceous-bearing intervals	
20								* some colour variations to more greenish & greyish	
30								* some black mottles	
40								* slightly higher biosiliceous content between ~65 and ~105 ? ; more 10Y 4/1	
50									
60								* transition to 10Y 4/1 around 130 cm	
70									
80								Disturbance:	
90								0-7 : some holes	
100									
110								NB! disturbance of surface due to drag of plastic during core splitting	
120									
130			10Y4/1						
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 21H 2 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		10Y4/1		1 (slight)			0 - ~~35~~ 150	YF 12/JUN/13
10								* Mud with bioniliceous-bearing pulses	
20								* slight colour variation to more greyish & greyish	
30								* some black mottles	
40	see ↳								
50								35 - 47: * more greenish	
60								* higher content of biniliceous forms ?	
70				slight to moderate burrows				47 - 150: * as 0 - 35	
80									
90									
100									
110								146 - 148: * lighter lens	
120								* silty mud ? ash ?	
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 21H 3 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: MF 12/JUN/13 Date:
0	Mud		10Y 4/1		1 (slight)			0-128	
10								* Mud with bioclastic-bearing intervals	
20								* some black mottles	
30								* some slight colour variation to more greenish & greyish	
40									
50									
60				bowing					
70									
80									
90									
100									
110									
120								128-150	
130			N4					* same lithology as 0-128, but N4	
140							IW	140-150: IW	
150									

Expedition 341 S. Alaska Margin: U1417 C 21H 4 0-150cm

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: JM Date: 12.6.13
0								- slightly darker @ the top of this section	
10					slight			- few slight mottles	
20			N4					- color banding between 40 & 150 cm	
30	mud							- moderately bioturbated from 55 to 100 cm	
40			10Y 4/1	slight to moderate				- burrs from top to bottom ⇒ slight drill. disturb.	
50			10	burrs					
60	mud		N4					- from 25-150 cm biosilicean bearing mud	
70					moderate				
80									
90			10Y 6/1					90-98 cm lenses of silt with mud irregular / eroded / bioturbated upper & lower boundries	
100									
110									
120	mud				slight				
130			N4						
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 21H 5 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: MF 12/JUN/13 Date:
0	Mud		N4		1 (slight)			0-19:	
10								* Mud with bioturbation-bearing intervals	
								* slight colour variations to more greyish, greenish	
20	Mud							* some black mottles	
30								19-150:	
40								* Mud	
								* sub-vertical stratification	
50								↳ totally destroyed due to suction	
60				totally disturbed; see ↗					
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 21H 6' 0 - 150 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: JM Date: 12.6.13
0									
10									
20									
30									
40								just mud	
50		?			?			suck-in drilling disturbance throughout section (heavy)	
60			N4						
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 21H 7 0-56

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: YF 12/JUN/13
0	Mud		N4	totally disturbed, see →				0-56	
10								* Mud	
20								* sub-vertical stratification	
30								↳ totally destroyed due to suction	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: h1417 C 21H CC 0-7cm

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: JM Date: 12.6.13
0	mud		N4		0			mud	
10	X						PAL	sample 8-14cm	
								sand-in (heavy)	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 22H 1 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: JF 12/JUN/13
0			N4		2			0-150	
10			10Y 4/1					* Mud with bioturbated-banding intervals	
20					slight to moderate			* some black mottles	
30								* some lighter spots of ash between 72-84	
40								0-6 two sub-angular clasts of biotite, garnet(?), quartz, chlorite bearing metamorphic rock + N4 mud	
50									
60								* some slight colour variations to more olive-grey and greenish	
70									
80									
90									
100				some downslope banding					
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 22H 2 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: MF	Date: 12/JUN/13
0	Mud		10Y 4/1	some downcore bioturbation	slight to moderate			0-147 * Mud with biosiliceous-bearing intervals * slight colour variation to more grayish & greenish * some black mottles * scattered lenses (e.g. 91-98) and discontinuous strata (e.g. 35.5-36.0) ↳ dark grey 5Y 4/1 ↳ silt * 113-115 grey lense ↳ in-situ weathered rock?		
10										
20										
30										
40										
50										
60										
70										
80										
90										
100										
110										
120										
130										
140										
150			N4		slight			147-150 colour change and mud (for details see night barrel sheet		

Expedition 341 S. Alaska Margin: U1417 C 22H 3 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: HF Date: 12/JUN/13
0	Mud		N4					93-130:	
10					slight			* Mud with biosiliceous-bearing intervals	
20								~~lo/rel/clay rich and little biosiliceous-bearing & grey above 92 cm~~	
30									
40								* some slight colour variations	
50								* some black mottles	
60								* some light, silty pockets below 107 cm	
70								0-93:	
80								* Mud	
90								* some small black mottles	
100			10Y 4/1	some downward bioturb.	slight to moderate				
110									
120									
130								130: colour change, but same lithology	
5			N4						
140									
							IW	140-150: IW	
150									

Expedition 341 S. Alaska Margin: U1417 C 22H 4 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 - 150	
10								* Mud with biosiliceous-bearing intervals	
20								* some black mottles	
30									
40									
50				some slumping / bioturbating					
60									
70			- - -					→ 70: colour change, but same lithology below 70:	
			10Y4/1						
80								* texture and colour very similar to diatom oozes, but biosiliceous content is very low	
90									
100								40 Dissolution?	
110									
120									
130								130-134: clast of meta sandstone?	
140									
150									

Expedition 341 S. Alaska Margin: 41417 C 22H 5 0–150 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: JM Date: 12.6.'13
0									
10									
20	mud (with sand)							sand layers/lenses present throughout section due to suck in (= heavily disturbed)	
30					?				
40				8				color along liner wall = 10Y 4/1 due to suck in (greenish grey)	
50									
60			N						
70			10Y 4/1						
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 22H 6 0-120cm

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: JM Date: 12.6.13
0								clast @ 5cm, ϕ 0.8cm	
10								clast @ 10cm, ϕ 0.5cm	
20								clast @ 27cm, ϕ 3cm, well rounded, metasediment (in WH)	
30								clast @ 32.5cm, ϕ 0.5cm	
40			N4					greenish-grey along liner wall	
50			10Y 4/1	Smear in (leaves)				sand lenses due to suck in	
60	Mud (with sand)								
70									
80									
90								two clasts @ 87cm, ϕ 0.5cm	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 22H 7 0–61cm

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: JH Date: 12.6.13
0								sand lenses due to	
10								suck in drill.	
20								disturbance	
30	mud (with sand)		N4	suck in (heavy)					
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 22H CC 0-12 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: JM Date: 12.6.13
0	Mud		N4	Heavy				s-ri- sand lenses	
10							PAL	12-18 cm PAL sample	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 23 1 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: JF 12/JUN/13 Date:
0	Mud							0-150:	
10								* Mud with biosilicious-bearing intervals	
20								* scattered patches (<1.5 cm) of dark grey (5Y 4/1)	
30									
40								VERY DISTURBED!	
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Drilling disturb.: mousse-like (high); rach-un (high)

Expedition 341 S. Alaska Margin: U1417 C 23 2 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: MF 12/JUN/13
0	Mud		N4	much-in structure thoroughout entire section; heavy disturbance	not possible to determine			0-139:	
10								* Mud with biosilicous-bearing intervals	
20								* scattered patches (<2-3 cm) of very dark grey (5Y 3/1) and dark grey (5Y 4/1) to ash and silt	
30									
40									
50									
60								VERY DISTURBED	
70									
80									
90									
100									
110									
120									
130									
140							IW	139-150: IW	
150									

Expedition 341 S. Alaska Margin: 41417 C 23H 3 0-128 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: JM Date: 12.6.13
0									
10								just mud	
20								! section heavily distroyed due to suck in	
30					?				
40	mud		N4						
50				sucking					
60									
70									
80									
90									
100									
110			5Y 4/1					patches of ~~sand~~ silt ~~ash~~? between 112 cm & 128 cm	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 41417 C 23H CC 0-17cm

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: JM Date: 12.6.13
0	mud		N4	8	?			sand in	
10							PAL	13 - 18 cm sample	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 24H 1 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: MF 12/JUN/13
0			N4	see ↳				0-112:	
10								* Mud	
								* silt strata at 26-27	
20								53.5-54.5	
30								* few black mottles	
40								0-8: a bit soupy & one crack (<2mm) around 7 cm	
50									
60									
70									
80									
90									
100									
110									
120	D 0		10y 4/1					112-150: * bioturbated mud	
130								* very dark greenish grey (5GY 3/1) interval from 138-140	
140								* few black mottles	
150									

Expedition 341 S. Alaska Margin: U1417 C 24H 2 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: YF 12/JUN/13
0	Mud		10Y 4/1					0-1: see core 1, 112-150	
10					1 (slight)			1-92: * Mud with biosiliceous-bearing intervals, e.g. 14-15, 40.5-41.5; 61.5-62.5, 75.5-77 * few black mottles	
20									
30									
40									
50								48-50: VOID	
60									
70									
80									
90								92-150:	
100	DO with mud							* biosiliceous mud with muddy intervals	
110								to some very dark greenish gray (5GY 3/1): 116.5-118;	
120								* few black mottles	
130									
140									
150									

slight pull-down along liner walls

Expedition 341 S. Alaska Margin: U1417 C 24H 3 0-150

Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Logged by: MF Date: 12/JUN/13

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other
0	Do with mud		10Y 4/1		1 (slight)			0-30: * Biosiliceous mud with muddy intervals → very dark greenish grey (5GY 3/1): 22.5-24 * few black mottles
10								
20								
30	Mud							131-150 * Mud with interbedded very fine sand & strata (partly discontinuous) patches * slight colour change to more greyish greenish * very fine sand patches are greenish grey (10Y 5/1) * sand patches have sharp upper & lower boundaries → partly bioturbated up and down into mud * some black mottles
40								
50								
60								
70								
80								
90								
100								30-131: * Mud * some slight colour variations * some black mottles
110								
120								
130	Mud							
140								
150								

slight pull-down along liner wall

Expedition 341 S. Alaska Margin: U1417 C 24H 4 0-140 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: JM Date: 12.6.13
0									
10	mud		10Y 4/1					↓ mud interbedded with greenish-grey (10Y 5/1) clean fine sands patches & layers	
20									
30								- slight color banding throughout section	
40	mud								
50			N4					- clast @ 54 cm, ϕ 1 cm, well-rounded (in WH)	
60									
70									
80									
90									
100	mud		N4						
110									
120									
130									
140							WH	140-150 cm WH sample	
150									

Boxes & smoothing

Expedition 341 S. Alaska Margin: U1417 C 24H 5 0-150cm

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: JM Date: 12.6.13
0	mud		N4	slight					
10									
20					slight			↓ mud interbedded with greenish-grey (10Y 5/1) fine sand patches & layers	
30									
40	mud		N4	heavy				- black mottles / color banding	
50									
60									
70			N4						
80									
90				bows & sand					
100									
110	mud			heavy					
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 a 24H 6 0–140 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: JM Date: 12.6.13
0									
10									
20								– clast @ 14–19 cm, well-rounded sandstone (well cemented) (in WH: both splits) ø 5 cm	
30								– black mottles in lower part of this section	
40									
50	Mud		N4					– heavy suck in	
60				Sucking					
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: 4 14 17 C 24H CC 0-27 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: JM Date: 12.6.13
0									
10	Mud		N4					sand in & crack @ 10 cm, 24 cm, 27 cm	
20									
30							PAL	sample 27-33 cm	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 25H 1 0-131

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: HF 12/JuN/13
0			N4		1 (slight)			0-128:	
10								* illed	
20								* slight colour variations to more greenish, greyish	
30								* some black mottles	
40								* patches (<2 cm) & discontinuous strata (≈2 mm) of lighter mat (?)	
50								patches: 76-79.5	
60								strata: ≈1 cm	
70									
80									
90				slight. some cracks below 83 cm					
100									
110									
120									
130								128-131: VOID	
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 25H 2 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: MF Date: 12/JUN/13
0	VOID		N4		1 (slight)			0-25 → VOID 25-150: * Mud with biosiliceous-bearing (?) intervals * slight colour variations to more greenish, greyish, brownish * some black mottles * continuous & discontinuous lighter strata of silt at 57.5-58.5 & 75.5-77.5 ↳ sharp & irregular boundary * scattered silt pebbles (< 5 mm)	
10									
20									
30									
40									
50									
60									
70			10Y 4/1					65 gradual colour change, but no change in lithology ↳ eventually higher content in biosiliceous-bearing fossils & more bioturbation, but not possible to determine for sure from sediment surface	
80	silt								
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 25H 3 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: YF 12/7	Date: UN/13
0			10Y 4/1		1 (slight)			0–131		
10								* Mud with biosiliceous-bearing intervals		
20								* slight colour variation to more greenish & greyish		
30								* some black mottles		
40								* dark greenish grey interval between 126–128		
50								* scattered patches & strata of dark grey (5Y 4/1) silt/very fine sand to discontinuous strata ~129–131		
60										
70										
80								78–79.5: silty strata with sharp & irregular upper boundary, as well as		
90										
100										
110										
120										
130 5										
140							IW	139–150. IW		
150										

Expedition 341 S. Alaska Margin: U1417 C 25H 4 0-150cm

Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: JM Date: 12.6.13
0								0-1cm see section 3	
5								clast @ 5cm, ϕ 1.5cm, metasediment, subangular (red claystone)	
10	mud								
20			N4 / 5Y 5/1					21-23cm fine sand layer, irregular (but sharp) upper & lower boundaries	
30				sight bows					
40								2 clasts @ 40cm, ϕ 0.5cm	
50									
55								clast @ 57cm, ϕ 0.5cm	
60									
70	mud								
80									
89								clast @ 89cm, ϕ 0.8cm, well rounded	
100			color banding	heavy					
104	*							clast @ 104cm, ϕ 0.5cm	
110								* sand patches sucked in from 104cm to 150cm	
120				sudden					
130									
140								2 clasts @ 143cm, ϕ 1cm (in WH)	
147								1 clast @ 147cm, ϕ 0.8cm (in WH)	
150									

Expedition 341 S. Alaska Margin: U1417 C 25H 5 0 - 101cm

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: JM Date: 12.6.13
0									
10								mud with sucked in fine sand	
20								- clast @ 5.5cm, ϕ 0.7cm	
30								- clast @ 25.5cm, ϕ 1.5cm, Late sediment, surrounded (in LH)	
40								- clast @ 25.5cm, ϕ 0.5cm	
50			N4	Sucked in					
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 25H 6 0-60 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: JM Date: 12.6.13
0								- clast @ 4 cm, ϕ 1.5 cm (in WH)	
10	Mud							- clast @ 12 cm, ϕ 0.5 cm	
20			N4	suck in				- few sand patches dispersed - slight color variations due to suck in	
30								- 30-58 cm liner not completely filled	
40									
50									
60								- 60-63 cm void	
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 25H CC 0 –

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: JM Date: 12.6.13
0	mud		N4	Heave				cracked & sucked in	
10	X						PAL	11.5 – 17 cm sample	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 26H 1 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: MF 12/JUN/13 Date:
0			N4		1 (slight)			0 – 150:	
10								* Interbedded mud & silt (very fine sand) (dominance of mud)	
20								* coarser intervals are dark gray (5Y 4/1)	
30								↳ sharp & gradational upper boundaries	
40								↳ generally ~~irregular~~ and ~~erosive~~ lower boundaries	
50								↳ at: 19-26 (probably disturbed) 32.5-33.0, 36.5-37.0, 40-41, 52.5-54.5, 69-71.5, 75-76, 79.5-80	
60								90-91, 99-101, 104.0-104.3,	
70								109.5-111.0; 116.5 (~4mm thick)	
80								117.5-119.5, 142.5 (~3mm), 147-147.5	
90									
5								* very rare coaser patches	
100								* slight colour changes in mud	
110								* some black mottles	
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 26H 2 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: MF 12/JUN/13 Date:
0			N4		1 (slight)			0-5:	
10								∀ interbedded mud & silt (very fine sand) (dominance of mud)	
20								↳ for details about silty intervals see section 1	
30								↳ for depth of occurrence see core photo	
40								↳ strata thickness generally <5 cm	
50								5-8 cm: ash (~95%)	
60								8-139:	
70								as 0-5	
80									
90									
100									
110									
120									
130									
140							IW	139-150: IW	
150									

Expedition 341 S. Alaska Margin: U1417 C 26H 3 0-132 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: JM Date: 12.6.13
0								2-3 cm clayrich silt layer (N4) sharp lower boundary, eroded upper boundary	
10	mud		N4		slight				
20			5Y 4/1					23-26 cm fine sand sharp lower, irregular (bioturbated?) upper boundary, lower = erosive	
30			N4						
			5Y 4/1					33-35 cm fine sand	
40									
			N4						
50									
			5Y 4/1					55 cm fine sand layer	
60									
			5Y 4/1					68 cm fine sand layer	
70									
80					slight				
90									
100	mud		N4						
110									
120								117-119 cm fine sand layer	
130								interbedded mud & sand slight color banding	
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 26H CC 0-24 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: JM Date: 12.6.13
0	mud		N4	crushed (heavy)				interbedded mud & sand	
10			5Y 4/1					12-14 cm sand layer	
20	mud		N4						
30	X						PAL	24-30 cm sample	
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 27H 1 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: MF 12/JUN/13
0			N4	very little downward bending along liner wall	1 (slight)			0-150:	
10								* interbedded mud & silt/very fine sand (dominance of mud)	
20								* silty/very fine sand strata:	
30								↳ N4 to dark grey (5Y 4/1)	
40								↳ sharp & gradational upper boundaries	
50								↳ generally irregular & erosive lower boundaries	
60								↳ strata thickness <5 cm	
70								* very rare coarser patches	
80								* slight colour changes in mud	
90								* some black mottles	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 27H 2 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		1 (slight)			0-150	
10								+ see section 1	
								But	
20								12.5-14: 7.5YR 5/1 very fine sand } ash	
30								14-16: N4	
40								compacted clay that is gradually breaking apart; diagenetic?	
50									
60				very little pull down					
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: H1417 C 27H 3 0-84

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: YF 12/JUN/13 Date:
0								0-79:	
10								* see section 1	
20									
30									
40									
50									
60									
70									
80				very little mill chum				79-84 PAL	
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 28H 1 0-87

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: MF Date: 12/JUN/13
0			N4		1 (slight)			0-25	
10								see core 27H, section 1	
20				very little mudl down along liner needle				Note that this interval does not contain a coarser strata, but as the inter-bedded sequence continues below 45 cm it is included in that	
30			10Y 4/1						
40									
50									
60								25-45	
70								* pure mud, but different colour; very similar texture & colour as diatom oozes, but barren ⇒ dissolution?	
80									
90								45-77: see core 27H, section 1	
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 28H 2 0-61

Site: Hole: Core: Section: Top Depth:

Major Lithology: Minor Lithology:

Offset (cm)	Lithology	Sed. Structures	Color	Drilling disturb.	Bioturb.	Accessories: (i.e. - shells, worm tubes, clasts, etc.)	Samples	Core Description: comments, contacts, recommended photos, other	Logged by: Date: YF 12/JUN/13
0			N4		1 (bhyl1)			0-61	
10								* see core 27H, section 1	
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

very little mull down along liner wall

Expedition 341 S. Alaska Margin: U1417 C 28H CC 0-26

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: IF 12/JUN/13
0			N4	very little pull down	1 (slight)			0-20	
10								* see core 27H, section 1	
20							PAL	SAMPLE PAL	
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 29H 1 0-126

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: HF 12/JUN/13
0			N4	slight to moderate pull down	1 (slight)			0-126: see core 27H, section 1	
10									
20									
30									
40									
50									
60									
70									
80									
90									
100									
110									
120									
130									
140									
150									

Expedition 341 S. Alaska Margin: U1417 C 29H 2 0-77

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: MF Date: 12/JUN/13
0			N4	slight to moderate pull down	1 (slight)			0-77: see core 27H, section 1	
10									
20									
30									
40									
50									
60									
70				moderate suck-in					
80									
90									
100									
110									
120									
130									
140									
150									