

Expedition 341 S. Alaska Margin:

U1419

B

1H

1A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color  | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other  | Logged by: Date: |
|-------------|-----------|-----------------|--------|-------------------|----------|--|---------|--|------------------|
| 0           | red       |                 | 10y4/1 |                   |          |  |         | 0-150<br># diatom ooze<br># scattered small black mottles (<2mm) | MF 11/Jul/13     |
| 10          |           |                 |        |                   |          |  |         |  |                  |
| 20          |           |                 |        |                   |          |  |         |  |                  |
| 30          |           |                 |        |                   |          |  |         |  |                  |
| 40          |           |                 |        |                   |          |  |         |  |                  |
| 50          |           |                 |        |                   |          |  |         |  |                  |
| 60          |           |                 |        |                   |          |  |         |  |                  |
| 70          |           |                 |        |                   |          |  |         |  |                  |
| 80          |           |                 |        |                   |          |  |         |  |                  |
| 90          |           |                 |        |                   |          |  |         |  |                  |
| 100         |           |                 |        |                   |          |  |         |  |                  |
| 110         |           |                 |        |                   |          |  |         |  |                  |
| 120         |           |                 |        |                   |          |  |         |  |                  |
| 130         |           |                 |        |                   |          |  |         |  |                  |
| 140         |           |                 |        |                   |          |  |         |  |                  |
| 150         |           |                 |        |                   |          |  |         |  |                  |

Expedition 341 S. Alaska Margin:

U1419

B

1H

2A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color   | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|---------|-------------------|----------|--|---------|---|------------------|
| 0           | hid       |                 | log 411 |                   |          |  |         | 0-150   | MF 11/jul/13     |
| 10          |           |                 |         |                   |          |  |         | * diatom ooze   |                  |
| 20          |           |                 |         |                   |          |  |         | * scattered small black mottles (<2mm)                          |                  |
| 30          |           |                 |         |                   |          |  |         |   |                  |
| 40          |           |                 |         |                   |          |  |         |   |                  |
| 50          |           |                 |         |                   |          |  |         | 55-50: volcanoclastic with diatom ooze with silt                |                  |
| 60          |           |                 |         |                   |          |  |         |   |                  |
| 70          |           |                 |         |                   |          |  |         |   |                  |
| 80          |           |                 |         |                   |          |  |         |   |                  |
| 90          |           |                 |         |                   |          |  |         |   |                  |
| 100         |           |                 |         |                   |          |  |         |   |                  |
| 110         |           |                 |         |                   |          |  |         |   |                  |
| 120         |           |                 |         |                   |          |  |         |   |                  |
| 130         |           |                 |         |                   |          |  |         |   |                  |
| 140         |           |                 |         |                   |          |  |         |   |                  |
| 150         |           |                 |         |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

U1419

B

1H

3A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color  | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|--------|-------------------|----------|--|---------|---|------------------|
| 0           | Mud       |                 | 10Y4/1 |                   |          |  |         | 0-150<br># diatom ooze<br># scattered black mottles (< 2mm)     | TF 11/JUN/13     |
| 10          |           |                 |        |                   |          |  |         |   |                  |
| 20          |           |                 |        |                   |          |  |         |   |                  |
| 30          |           |                 |        |                   |          |  |         |   |                  |
| 40          |           |                 |        |                   |          |  |         |   |                  |
| 50          |           |                 |        |                   |          |  |         |   |                  |
| 60          |           |                 |        |                   |          |  |         |   |                  |
| 70          |           |                 |        |                   |          |  |         |   |                  |
| 80          |           |                 |        |                   |          |  |         |   |                  |
| 90          |           |                 |        |                   |          |  |         |   |                  |
| 100         |           |                 |        |                   |          |  |         | SS 120: diatom ooze with milt                                   |                  |
| 110         |           |                 |        |                   |          |  |         |   |                  |
| 120         |           |                 |        |                   |          |  |         |   |                  |
| 130         |           |                 |        |                   |          |  |         |   |                  |
| 140         |           |                 |        |                   |          |  |         |   |                  |
| 150         |           |                 |        |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 B Hole: 1H Core: 4 Section: 0-149 cm Top Depth:

Major Lithology: Mud

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color   | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples  | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|---------|-------------------|----------|--|----------|---|------------------|
| 0           |           |                 |         |                   |          |  |          | mud with very few black watters                                 | JM 11.7.13       |
| 10          |           |                 | 10Y 4/1 | /                 | /        |  |          | → diatom ooze   |                  |
| 20          |           |                 |         | /                 |          |  |          |   |                  |
| 30          |           |                 |         |                   |          |  |          |   |                  |
| 40          |           |                 |         |                   |          |  |          |   |                  |
| 50          | Mud       |                 |         | /                 | /        |  |          |   |                  |
| 60          |           |                 |         |                   |          |  |          |   |                  |
| 70          |           |                 |         |                   |          |  |          |   |                  |
| 80          |           |                 |         | /                 |          |  |          |   |                  |
| 90          |           |                 |         |                   |          |  |          |   |                  |
| 100         |           |                 |         |                   |          |  |          |   |                  |
| 110         |           |                 |         |                   |          |  |          |   |                  |
| 120         |           |                 | 5Y 4/2  | /                 | /        |  | SS (122) | 114-126 cm: diatom ooze (slightly more silt)                    |                  |
| 130         |           |                 | 10Y 4/1 | /                 | /        |  | SS (136) | diatom ooze (trace of ash)                                      |                  |
| 140         |           |                 |         |                   |          |  |          |   |                  |
| 150         |           |                 |         |                   |          |  |          |   |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 B Hole: 1H Core: 5 Section: 0-149

Major Lithology: mud Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color   | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|---------|-------------------|----------|--|---------|---|------------------|
| 0           |           |                 | 10Y 4/1 |                   |          |  |         | 0-31 - color banded mud   | JM 11.7.13       |
| 10          |           |                 |         |                   |          |  |         |   |                  |
| 20          |           |                 |         |                   |          |  |         |   |                  |
| 30          |           |                 |         |                   |          |  |         |   |                  |
| 31-36       | Sand      |                 | 10Y 4/1 |                   |          |  |         | 31-36 - fine to medium sand                                     |                  |
| 36-40       |           |                 |         |                   |          |  |         | 36-49 - mud   |                  |
| 40          |           |                 |         |                   |          |  |         |   |                  |
| 50          |           |                 |         |                   |          |  |         |   |                  |
| 60          |           |                 |         |                   |          |  |         |   |                  |
| 65          |           |                 |         |                   |          |  | SS (65) | mud trace of w/e.g. lars  |                  |
| 70          |           |                 |         |                   |          |  |         |   |                  |
| 80          |           |                 | N4      |                   |          |  |         |   |                  |
| 86-88       |           |                 |         |                   |          |  |         | 86-88 - subbed limestone (in 4H)                                |                  |
| 89-92       |           |                 |         |                   |          |  |         | φ 3 -<br>89-92 - , φ 2.5  |                  |
| 90          |           |                 |         |                   |          |  |         |   |                  |
| 100         |           |                 |         |                   |          |  |         |   |                  |
| 110         |           |                 |         |                   |          |  |         |   |                  |
| 120         |           |                 |         |                   |          |  |         |   |                  |
| 130         |           |                 |         |                   |          |  |         |   |                  |
| 140         |           |                 |         |                   |          |  |         |   |                  |
| 150         |           |                 |         |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 B Hole: 1H Section: 6 Top Depth: 0-89cm

Major Lithology: Mud

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

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           |           |                 |       |                   |          |  |         | just mud  | JM 11.7.13       |
| 10          |           |                 |       | /                 | 0        |  |         |   |                  |
| 20          |           |                 |       |                   |          |  |         |   |                  |
| 30          |           |                 |       |                   |          |  |         |   |                  |
| 34          |           |                 |       |                   |          |  |         | 1cm sand lens @ 34cm  |                  |
| 40          |           |                 | M4    |                   | 0        |  |         |   |                  |
| 50          |           |                 |       | /                 |          |  |         |   |                  |
| 60          |           |                 |       |                   |          |  |         |   |                  |
| 70          |           |                 |       | /                 | 0        |  |         |   |                  |
| 80          |           |                 |       | /                 |          |  |         |   |                  |
| 90          |           |                 |       |                   |          |  |         |   |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         |           |                 |       |                   |          |  |         |   |                  |
| 120         |           |                 |       |                   |          |  |         |   |                  |
| 130         |           |                 |       |                   |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 B Hole: 1H Core: Cd Section: 0-80 Top Depth:

Major Lithology: mud Minor Lithology:

| Offset (cm) | Lithology  | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|------------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           | mud        |                 | N4    | /                 | /        |  |         | just mud  | JM 11.7.13       |
| 10          | <u>PAL</u> |                 |       |                   |          |  | 8-12    |   |                  |
| 20          |            |                 |       |                   |          |  |         |   |                  |
| 30          |            |                 |       |                   |          |  |         |   |                  |
| 40          |            |                 |       |                   |          |  |         |   |                  |
| 50          |            |                 |       |                   |          |  |         |   |                  |
| 60          |            |                 |       |                   |          |  |         |   |                  |
| 70          |            |                 |       |                   |          |  |         |   |                  |
| 80          |            |                 |       |                   |          |  |         |   |                  |
| 90          |            |                 |       |                   |          |  |         |   |                  |
| 100         |            |                 |       |                   |          |  |         |   |                  |
| 110         |            |                 |       |                   |          |  |         |   |                  |
| 120         |            |                 |       |                   |          |  |         |   |                  |
| 130         |            |                 |       |                   |          |  |         |   |                  |
| 140         |            |                 |       |                   |          |  |         |   |                  |
| 150         |            |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

U1419

D

2H

1A

0-150

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other  | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|--|------------------|
| 0           |           |                 | M4    |                   |          |  |         | 0-150  | M 11/Jul/13      |
| 10          |           |                 |       |                   |          |  |         | * Mud with dispersed clasts  |                  |
| 20          |           |                 |       |                   |          |  |         | * massive  |                  |
| 30          |           |                 |       |                   |          |  |         | * 2 siltstone clasts to core top   |                  |
| 40          |           |                 |       |                   |          |  |         | ↳ lower siltstone probably displaced from ~90 cm   |                  |
| 50          |           |                 |       |                   |          |  |         | * granules & pebbles   |                  |
| 60          |           |                 |       |                   |          |  |         | * only the two largest pebbles could be analyzed, because all other were buried in red water-rich sediment |                  |
| 70          |           |                 |       |                   |          |  |         | * deep drag above ~90 cm, most probably due to drag of clast   |                  |
| 80          |           |                 |       |                   |          |  |         |  |                  |
| 90          |           |                 |       |                   |          |  |         |  |                  |
| 100         |           |                 |       |                   |          |  |         |  |                  |
| 110         |           |                 |       |                   |          |  |         | SS 111: mud with volcanic ash  |                  |
| 120         |           |                 |       |                   |          |  |         |  |                  |
| 130         |           |                 |       |                   |          |  |         |  |                  |
| 140         |           |                 |       |                   |          |  |         |  |                  |
| 150         |           |                 |       |                   |          |  |         |  |                  |










Expedition 341 S. Alaska Margin:

U1419 3 2H 2A 0-150  
 Site: Hole: Core: Section: Top Depth:

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

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

| Offset (cm) | Lithology   | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other  | Logged by: Date: |
|-------------|---|-----------------|-------|-------------------|----------|--|---------|--|------------------|
| 0           |    |                 | N4    |                   |          |  |         | 0-150<br>* marine mud with dispersed clasts<br>* one breccia close to core top could be determined; other granule & pebbles cannot be determined | MF 11/Jul/13     |
| 10          |    |                 |       |                   |          |  |         |  |                  |
| 20          |   |                 |       |                   |          |  |         |  |                  |
| 30          |   |                 |       |                   |          |  |         |  |                  |
| 40          |   |                 |       |                   |          |  |         |  |                  |
| 50          |   |                 |       |                   |          |  |         | * uppermost ~ 37 somewhat disturbed  |                  |
| 60          |  |                 |       |                   |          |  |         |  |                  |
| 70          |  |                 |       |                   |          |  |         |  |                  |
| 80          |   |                 |       |                   |          |  |         |  |                  |
| 90          |   |                 |       |                   |          |  |         |  |                  |
| 100         |  |                 |       |                   |          |  |         |  |                  |
| 110         |   |                 |       |                   |          |  |         |  |                  |
| 120         |   |                 |       |                   |          |  |         |  |                  |
| 130         |  |                 |       |                   |          |  |         |  |                  |
| 140         |  |                 |       |                   |          |  |         |  |                  |
| 150         |   |                 |       |                   |          |  |         |  |                  |

Expedition 341 S. Alaska Margin:

U1419

3

24

34

0-33

Site:

Hole:


Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

| Offset (cm) | Lithology   | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|---|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           |  |                 | N4    |                   |          |  |         | 0-33  | MF 11/Jul/13     |
| 10          |   |                 |       |                   |          |  |         | * massive mud with dispersed clasts                             |                  |
| 20          |   |                 |       |                   |          |  |         | * one siltyline on top  |                  |
| 30          |   |                 |       |                   |          |  |         | * rel. disturbed & sediment mixing                              |                  |
| 40          |   |                 |       |                   |          |  |         |   |                  |
| 50          |   |                 |       |                   |          |  |         |   |                  |
| 60          |   |                 |       |                   |          |  |         |   |                  |
| 70          |   |                 |       |                   |          |  |         |   |                  |
| 80          |   |                 |       |                   |          |  |         |   |                  |
| 90          |   |                 |       |                   |          |  |         |   |                  |
| 100         |   |                 |       |                   |          |  |         |   |                  |
| 110         |   |                 |       |                   |          |  |         |   |                  |
| 120         |   |                 |       |                   |          |  |         |   |                  |
| 130         |   |                 |       |                   |          |  |         |   |                  |
| 140         |   |                 |       |                   |          |  |         |   |                  |
| 150         |   |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: B Core: 2M Section: CC Top Depth: 0-11cm

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    |                   |          |  |         |   | PF 11/20/13      |
| 10          | PAL       |                 |       |                   |          |  | PAL     | 0-5<br>* massive mud  |                  |
| 30          |           |                 |       |                   |          |  |         | 5-11<br>Sample PAL  |                  |
| 40          |           |                 |       |                   |          |  |         |   |                  |
| 50          |           |                 |       |                   |          |  |         |   |                  |
| 60          |           |                 |       |                   |          |  |         |   |                  |
| 70          |           |                 |       |                   |          |  |         |   |                  |
| 80          |           |                 |       |                   |          |  |         |   |                  |
| 90          |           |                 |       |                   |          |  |         |   |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         |           |                 |       |                   |          |  |         |   |                  |
| 120         |           |                 |       |                   |          |  |         |   |                  |
| 130         |           |                 |       |                   |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 B Hole: 3H Section: 1 Top Depth: 0-110cm

Major Lithology: M-g

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | 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 (wet)<br>- no structure visible<br>- 1 belemnite @ 74cm         | JM 11.7.13       |
| 10          |           |                 |        |                   |          |  |         |   |                  |
| 20          |           |                 |        |                   |          |  |         |   |                  |
| 30          |           |                 |        |                   |          |  |         |   |                  |
| 40          |           |                 | N4     |                   |          |  |         |   |                  |
| 50          |           |                 | to 10% |                   |          |  |         |   |                  |
| 60          |           |                 | 4/11   |                   |          |  | SS (62) | mud with biogenic components & trace amount of ash<br>↳ rounded glass |                  |
| 70          |           |                 |        |                   |          |  |         |   | diatoms & forams |
| 80          |           |                 |        |                   |          |  |         |   |                  |
| 90          |           |                 |        |                   |          |  |         |   |                  |
| 100         |           |                 |        |                   |          |  |         |   |                  |
| 110         | X         |                 |        | V                 |          |  |         | 110-115cm = void  |                  |
| 120         |           |                 |        |                   |          |  |         |   |                  |
| 130         |           |                 |        |                   |          |  |         |   |                  |
| 140         |           |                 |        |                   |          |  |         |   |                  |
| 150         |           |                 |        |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 61419 B Hole: 3H Core: CC Section: 0-14c  
 Top Depth:

Major Lithology: Mud Minor Lithology:

| Offset (cm) | Lithology       | Sed. Structures | Color     | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date:  |
|-------------|-----------------|-----------------|-----------|-------------------|----------|--|---------|---|-------------------|
| 0           | <u>just mud</u> |                 | <u>N4</u> |                   | <u>/</u> |  |         | <u>mud (very soft)</u>  | <u>JM 11.7.13</u> |
| 10          |                 |                 |           |                   |          |  |         |   |                   |
| 20          | <u>PAL</u>      |                 |           |                   |          |  |         |   |                   |
| 30          |                 |                 |           |                   |          |  |         |   |                   |
| 40          |                 |                 |           |                   |          |  |         |   |                   |
| 50          |                 |                 |           |                   |          |  |         |   |                   |
| 60          |                 |                 |           |                   |          |  |         |   |                   |
| 70          |                 |                 |           |                   |          |  |         |   |                   |
| 80          |                 |                 |           |                   |          |  |         |   |                   |
| 90          |                 |                 |           |                   |          |  |         |   |                   |
| 100         |                 |                 |           |                   |          |  |         |   |                   |
| 110         |                 |                 |           |                   |          |  |         |   |                   |
| 120         |                 |                 |           |                   |          |  |         |   |                   |
| 130         |                 |                 |           |                   |          |  |         |   |                   |
| 140         |                 |                 |           |                   |          |  |         |   |                   |
| 150         |                 |                 |           |                   |          |  |         |   |                   |

Expedition 341 S. Alaska Margin:

U1419

B

4H

1A

27.50m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: MUD. w/ COMMON CLASTS

Minor Lithology:

| Offset (cm) | Lithology            | Sed. Structures | Color   | Drilling disturb. | Bioturb. | Accessories: (i.e. shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|----------------------|-----------------|---------|-------------------|----------|--|---------|---|------------|--------------|
|             |                      |                 |         |                   |          |  |         |   | Childress  | July 11 2013 |
| 0           |                      |                 |         |                   |          | > 2mm<br>↓   |         |   |            |              |
| 10          |                      |                 |         |                   |          |  |         |   |            |              |
| 20          | mud w/ common clasts |                 | 10Y 4/1 | GAS EXP. (mod.)   | none     |  |         |   |            |              |
| 30          |                      |                 |         |                   |          |  | 5525    | mud, w/ diatoms & forams w trace volcanic glass                 |            |              |
| 40          |                      |                 |         |                   |          | 38   |         |   |            |              |
| 50          |                      |                 |         |                   |          | 45   |         |   |            |              |
| 60          |                      |                 |         |                   |          | 53   |         |   |            |              |
| 70          |                      |                 |         |                   |          | 57   |         |   |            |              |
| 80          |                      |                 |         |                   |          | 59   |         |   |            |              |
| 90          |                      |                 |         |                   |          | 70   |         |   |            |              |
| 100         | Sand                 |                 |         |                   |          | 72   |         | 73-74: sand patch (N3)  |            |              |
| 110         |                      |                 |         |                   |          | 80   |         |   |            |              |
| 120         |                      |                 |         |                   |          | 84   |         |   |            |              |
| 130         |                      |                 |         |                   |          | 86   |         |   |            |              |
| 140         |                      |                 |         |                   |          | 87   |         |   |            |              |
| 150         |                      |                 |         |                   |          | 119(2)   |         |   |            |              |
| 160         |                      |                 |         |                   |          | 111  |         |   |            |              |
| 170         | Sand                 |                 |         |                   |          | 114.5  |         | 115-116: sand patch (N3)  |            |              |
| 180         |                      |                 |         |                   |          | 120  |         |   |            |              |
| 190         |                      |                 |         |                   |          | 130  |         |   |            |              |
| 200         |                      |                 |         |                   |          | 132  |         |   |            |              |
| 210         |                      |                 |         |                   |          | 144  |         |   |            |              |
| 220         | END                  |                 |         |                   |          |  |         |   |            |              |

Expedition 341 S. Alaska Margin:

U1419

B

4H

2A

28.94m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud w/ common clasts

Minor Lithology: .....

| Offset (cm) | Lithology            | Sed. Structures | Color   | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|----------------------|-----------------|---------|-------------------|----------|--|---------|---|------------|--------------|
|             |                      |                 |         |                   |          |  |         |   | Childress  | July 11 2013 |
| 0           |                      |                 |         |                   |          | 72mm   |         |   |            |              |
| 10          |                      |                 |         | VOID (high)       |          |  |         | 11.5-18cm: void, high   |            |              |
| 30          | mud w/ common clasts |                 | 10Y 4/1 | GAS Exp. (slight) | none     |  |         |   |            |              |
| 40          |                      |                 |         | SOUPY (slight)    |          | 43   |         |   |            |              |
| 50          |                      |                 |         |                   |          | 50   |         |   |            |              |
| 60          |                      |                 |         |                   |          |  |         |   |            |              |
| 70          |                      |                 |         |                   |          | 70   |         |   |            |              |
| 80          |                      |                 |         |                   |          | 80   |         |   |            |              |
| 90          |                      |                 |         |                   |          | 85<br>86<br>90   |         |   |            |              |
| 100         |                      |                 |         |                   |          | 96   |         |   |            |              |
| 110         |                      |                 |         |                   |          | 107  |         |   |            |              |
| 120         | mud w/ common clasts |                 | N4      |                   |          | 113<br>120   |         |   |            |              |
| 130         |                      |                 |         |                   |          | 102(?)<br>137  |         |   |            |              |
| 140         |                      |                 |         |                   |          |  |         |   |            |              |
| 150         | END                  |                 |         |                   |          |  |         |   |            |              |

Expedition 341 S. Alaska Margin:

U1419

B

4H

3A

30.38m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud w/ common clasts

Minor Lithology:

| Offset (cm) | Lithology                    | Sed. Structures | Color | Drilling disturb.            | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|------------------------------|-----------------|-------|------------------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |                              |                 |       |                              |          | 22mm   |         |   |                      |                    |
| 10          |                              |                 |       |                              |          |  |         |   |                      |                    |
| 20          | Mud w/ common clasts<br>Sand |                 | N4    |                              | none     |  |         | 19-20: sand patch   |                      |                    |
| 30          |                              |                 |       | BAS Exp.<br>(slight to mod.) |          |  |         | + several other <5mm sand patches                               |                      |                    |
| 40          |                              |                 |       |                              |          |  |         |   |                      |                    |
| 50          |                              |                 |       |                              |          |  |         |   |                      |                    |
| 60          |                              |                 |       |                              |          |  |         |   |                      |                    |
| 70          |                              |                 |       |                              |          |  |         |   |                      |                    |
| 80          |                              |                 |       |                              |          |  |         |   |                      |                    |
| 90          |                              |                 |       |                              |          |  |         |   |                      |                    |
| 100         |                              |                 |       |                              |          |  |         |   |                      |                    |
| 110         |                              |                 |       |                              |          |  |         |   |                      |                    |
| 120         |                              |                 |       |                              |          |  |         |   |                      |                    |
| 130         |                              |                 |       |                              |          |  |         |   |                      |                    |
| 140         |                              |                 |       |                              |          |  |         |   |                      |                    |
| 144         | END                          |                 |       |                              |          |  |         |   |                      |                    |
| 150         |                              |                 |       |                              |          |  |         |   |                      |                    |



Expedition 341 S. Alaska Margin:

U149

B

4H

4A

31.82m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud w/ common clasts

Minor Lithology:

| Offset (cm) | Lithology            | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|----------------------|-----------------|-------|-------------------|----------|--|---------|---|------------|--------------|
|             |                      |                 |       |                   |          |  |         |   | Childress  | July 11 2013 |
| 0           |                      |                 |       |                   |          |  |         |   |            |              |
| 10          |                      |                 |       |                   |          | present  |         |   |            |              |
| 20          | mud w/ common clasts |                 | N4    |                   | none     |  |         | 7-16: along core clast drag, slight                             |            |              |
| 30          |                      |                 |       | GAS EXP. (mod)    |          |  |         |   |            |              |
| 30-34       |                      |                 |       |                   |          |  |         | 30-34: Void, mod (argillite w/ 1/2)                             |            |              |
| 146         | END                  |                 |       |                   |          |  |         |   |            |              |

Expedition 341 S. Alaska Margin:

Site: 111419 Hole: 3 Core: 1H Section: SA Top Depth: 0-147

Major Lithology: mud Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           | mud       |                 | N4    |                   |          | present  |         |   | HB, 07-11-13     |
| 10          |           |                 |       |                   |          |  | soft    | mud, no bio   |                  |
| 20          |           |                 |       |                   |          |  |         |   |                  |
| 30          |           |                 |       |                   |          |  |         |   |                  |
| 40          |           |                 |       |                   |          |  |         |   |                  |
| 50          |           |                 |       |                   |          |  |         |   |                  |
| 60          |           |                 |       |                   |          |  |         |   |                  |
| 70          |           |                 |       |                   |          |  |         |   |                  |
| 80          |           |                 |       |                   |          |  |         |   |                  |
| 90          |           |                 |       |                   |          |  |         |   |                  |
| 100         |           |                 |       |                   |          |  |         | contact of coarse structure                                     |                  |
| 110         |           |                 |       |                   |          |  |         |   |                  |
| 120         |           |                 |       |                   |          |  |         |   |                  |
| 130         |           |                 |       |                   |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin: 11419 3 4A 6A 0-148  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: mud Minor Lithology:

| Offset (cm) | Lithology                                  | Sed. Structures | Color                           | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples      | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|--|-----------------|---------------------------------|-------------------|----------|--|--------------|---|---------------------|
| 0           | <u>mud</u>                                 |                 | <u>N4</u>                       |                   |          | <u>o</u>   |              |   | <u>AB, 07-11-13</u> |
| 10          | <u>mud</u><br><u>o.c.</u><br><u>o.c.</u>   |                 | <u>translucent color change</u> |                   |          |  |              | <u>clast mainly agillite, granules and pebbles &lt; 2.5cm</u>   |                     |
| 20          |  |                 |                                 |                   |          | <u>oo</u>  |              |   |                     |
| 30          | <u>mud</u><br><u>o.c.</u><br><u>clasts</u> |                 |                                 |                   |          | <u>o</u>   |              | <u>shell fragment</u><br><u>gradational</u>                     |                     |
| 40          |  |                 |                                 |                   |          | <u>o</u>   |              | <u>clast mainly agillite, granules &amp; pebbles &lt; 2.5cm</u> |                     |
| 50          |  |                 |                                 |                   |          |  |              |   |                     |
| 60          |  |                 |                                 |                   |          |  |              |   |                     |
| 70          |  |                 |                                 |                   |          |  |              |   |                     |
| 80          |  |                 |                                 |                   |          | <u>o</u>   |              |   |                     |
| 90          |  |                 |                                 |                   |          |  |              |   |                     |
| 100         |  |                 | <u>ES14</u>                     |                   |          | <u>o</u>   |              |   |                     |
| 110         |  |                 |                                 |                   |          |  |              |   |                     |
| 120         |  |                 |                                 |                   |          | <u>o</u>   |              |   |                     |
| 130         |  |                 |                                 |                   |          |  | <u>ES130</u> | <u>diatom rich mud</u>  |                     |
| 140         |  |                 |                                 |                   |          | <u>o</u>   |              |   |                     |
| 150         |  |                 |                                 |                   |          |  |              |   |                     |

Expedition 341 S. Alaska Margin:

Site: U419 Hole: 3 Core: 4H Section: 7A Top Depth: 0-132

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

| Offset (cm) | Lithology  | Sed. Structures | Color     | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|------------|-----------------|-----------|-------------------|----------|--|---------|---|---------------------|
| 0           | <u>Mud</u> |                 | <u>N4</u> |                   |          | <u>present</u>   |         |   | <u>AB, 07-11-13</u> |
| 10          | <u>o</u>   |                 |           |                   |          | <u>o</u>   |         | <u>argillite granules</u>                                       |                     |
| 20          |            |                 |           |                   |          |  |         |   |                     |
| 30          |            |                 |           |                   |          |  |         |   |                     |
| 40          |            |                 |           |                   |          |  |         |   |                     |
| 50          | <u>o</u>   |                 |           |                   |          | <u>o</u>   |         |   |                     |
| 60          |            |                 |           |                   |          |  |         |   |                     |
| 70          |            |                 |           |                   |          |  |         |   |                     |
| 80          |            |                 |           |                   |          |  |         |   |                     |
| 90          |            |                 |           |                   |          |  |         |   |                     |
| 100         |            |                 |           |                   |          |  |         |   |                     |
| 110         |            |                 |           |                   |          |  |         |   |                     |
| 120         | <u>o</u>   |                 |           |                   |          | <u>o</u>   |         |   |                     |
| 130         |            |                 |           |                   |          |  |         |   |                     |
| 140         |            |                 |           |                   |          |  |         |   |                     |
| 150         |            |                 |           |                   |          |  |         |   |                     |

Expedition 341 S. Alaska Margin:

Site: 11119 Hole: 3 Core: 4H Section: CC Top Depth: 0-24

Major Lithology: 11119 Minor Lithology: \_\_\_\_\_

| Offset (cm) | Lithology  | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|------------|-----------------|-------|-------------------|----------|--|---------|---|---------------------|
| 0           | <u>ud</u>  |                 |       |                   |          |  |         |   | <u>HB, 07-11-13</u> |
| 10          |            |                 |       |                   |          |  |         |   |                     |
| 20          | <u>PAZ</u> |                 |       |                   |          |  |         | <u>granular, org. U10</u>                                       |                     |
| 30          |            |                 |       |                   |          |  |         |   |                     |
| 40          |            |                 |       |                   |          |  |         |   |                     |
| 50          |            |                 |       |                   |          |  |         |   |                     |
| 60          |            |                 |       |                   |          |  |         |   |                     |
| 70          |            |                 |       |                   |          |  |         |   |                     |
| 80          |            |                 |       |                   |          |  |         |   |                     |
| 90          |            |                 |       |                   |          |  |         |   |                     |
| 100         |            |                 |       |                   |          |  |         |   |                     |
| 110         |            |                 |       |                   |          |  |         |   |                     |
| 120         |            |                 |       |                   |          |  |         |   |                     |
| 130         |            |                 |       |                   |          |  |         |   |                     |
| 140         |            |                 |       |                   |          |  |         |   |                     |
| 150         |            |                 |       |                   |          |  |         |   |                     |

Expedition 341 S. Alaska Margin:

Site: U419 Hole: B Core: 5H Section: 1A Top Depth: 37.00m CSF-A

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

| Offset (cm) | Lithology | Sed. Structures | Color   | Drilling disturb.     | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|-----------|-----------------|---------|-----------------------|----------|--|---------|---|------------|--------------|
|             |           |                 |         |                       |          |  |         |   | Childress  | July 11 2013 |
| 0           | mud       |                 | 10Y 4/1 | SOOPY (slight to mud) | none     | absent   | SS1     | diatom rich mud   |            |              |
| 10          |           |                 | grad.   |                       |          |  |         |   |            |              |
| 20          | mud       |                 | N4      | SOOPY                 |          |  |         |   |            |              |
| 30          |           |                 |         | SOOPY (slight)        |          | 10 clasts > 2mm  |         | 32: 2cm long x 1cm siltstone                                    |            |              |
| 40          |           |                 |         |                       |          |  |         |   |            |              |
| 50          |           |                 |         |                       |          |  |         |   |            |              |
| 60          |           |                 |         |                       |          |  |         |   |            |              |
| 70          |           |                 |         |                       |          |  |         |   |            |              |
| 80          |           |                 |         |                       |          |  |         |   |            |              |
| 90          |           |                 |         |                       |          |  |         |   |            |              |
| 100         |           |                 |         |                       |          |  |         |   |            |              |
| 110         |           |                 |         |                       |          |  | SS110   | mud, no bio   |            |              |
| 120         |           |                 |         |                       |          |  |         |   |            |              |
| 130         |           |                 |         |                       |          |  |         |   |            |              |
| 140         | END       |                 |         |                       |          |  |         |   |            |              |
| 150         |           |                 |         |                       |          |  |         |   |            |              |

Expedition 341 S. Alaska Margin:

11419 Site: B Hole: 5H Core: 2A Section: 38.43m CSF-A Top Depth:

Major Lithology: MUD Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb.    | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|-----------|-----------------|-------|----------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |           |                 |       |                      |          |  |         |   |                      |                    |
| 10          |           |                 |       |                      |          |  |         |   |                      |                    |
| 20          | mud       |                 | N4    | GAS EXP (mod)        | none     |  |         |   |                      |                    |
| 30          |           |                 |       | NO APPARENT (Slight) |          |  |         |   |                      |                    |
| 40          |           |                 |       |                      |          |  |         |   |                      |                    |
| 50          |           |                 |       |                      |          |  |         | 48cm: thin N3 sand  |                      |                    |
| 60          |           |                 |       |                      |          |  |         |   |                      |                    |
| 70          |           |                 |       |                      |          |  |         |   |                      |                    |
| 80          |           |                 |       |                      |          |  |         |   |                      |                    |
| 90          |           |                 |       |                      |          |  |         |   |                      |                    |
| 100         |           |                 |       |                      |          |  |         |   |                      |                    |
| 110         |           |                 |       |                      |          |  |         |   |                      |                    |
| 120         |           |                 |       |                      |          |  |         |   |                      |                    |
| 130         |           |                 |       |                      |          |  |         |   |                      |                    |
| 140         |           |                 |       | BOWED                |          |  |         | 139-140: thin sand<br>140.5-142: normally graded sand           |                      |                    |
| 143         | END       |                 |       |                      |          |  |         |   |                      |                    |
| 150         |           |                 |       |                      |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin:

Site: N1419 Hole: B Core: SH Section: 3A Top Depth: 39.86m CSF-A

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

| Offset (cm) | Lithology | Sed. Structures | Color        | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|-----------|-----------------|--------------|-------------------|----------|--|---------|---|------------|--------------|
|             |           |                 |              |                   |          |  |         |   | Childress  | July 11 2013 |
| 0           |           |                 |              |                   |          | 72mm   |         |   |            |              |
| 10          | mud       |                 | N4           |                   |          | 14   |         |   |            |              |
| 20          |           |                 |              |                   |          | 20   |         |   |            |              |
| 30          | sand      |                 | N3           | picom (d m t.)    |          | 28   |         | - sand destroyed by D.D.  |            |              |
| 40          |           |                 |              |                   |          | 43   |         |   |            |              |
| 50          |           |                 |              |                   | none     | 46   |         |   |            |              |
| 60          | mud       |                 | N4           |                   |          | 51   |         | 52; thin sand laminae   |            |              |
| 70          |           |                 |              |                   |          | 65   |         |   |            |              |
| 80          |           |                 |              |                   |          | 75   |         |   |            |              |
| 90          |           |                 |              |                   |          | 92   |         |   |            |              |
| 100         | grad. ash |                 | grad. 5Y 7/1 |                   |          | 103  |         | 104.5-107.5 - ash   |            |              |
| 110         | sand      |                 |              |                   |          | 110  | SS107   | ash, well sorted  |            |              |
| 120         | mud       |                 | N4           |                   |          | 124  |         | 112-114: sand patch   |            |              |
| 130         |           |                 |              |                   |          | 127  |         | 127-130: 3cm plutonic rock                                      |            |              |
| 140         |           |                 |              |                   |          |  |         | 130-136: void, <del>damod.</del> dust diag.                     |            |              |
| 150         |           |                 |              |                   |          |  |         |   |            |              |



Expedition 341 S. Alaska Margin:

U1419

B

5H

4A

41.30m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: MUD

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------|--------------|
|             |           |                 |       |                   |          |  |         |   | Childress  | July 11 2013 |
| 0           |           |                 |       |                   |          |  |         |   |            |              |
| 10          |           |                 |       |                   |          |  |         |   |            |              |
| 20          |           |                 |       |                   |          |  |         |   |            |              |
| 30          |           |                 |       |                   |          |  |         |   |            |              |
| 40          |           |                 |       |                   |          |  |         |   |            |              |
| 45-50       |           |                 |       |                   |          |  |         | 45-50: void, mod, clast in W'12                                 |            |              |
| 50          | mud       |                 | N4    | (V)               | none     | 8 clasts > 2mm   |         |   |            |              |
| 60          |           |                 |       | SAS Exp. (slight) |          |  |         |   |            |              |
| 70          |           |                 |       |                   |          |  |         |   |            |              |
| 80          |           |                 |       |                   |          |  |         |   |            |              |
| 90          |           |                 |       |                   |          |  |         |   |            |              |
| 100         |           |                 |       |                   |          |  |         |   |            |              |
| 110         |           |                 |       |                   |          |  |         |   |            |              |
| 120         |           |                 |       |                   |          |  |         |   |            |              |
| 130         |           |                 |       |                   |          |  |         |   |            |              |
| 140         |           |                 |       |                   |          |  |         |   |            |              |
| 144         | END       |                 |       |                   |          |  |         |   |            |              |
| 150         |           |                 |       |                   |          |  |         |   |            |              |

Expedition 341 S. Alaska Margin:

Site: U149 Hole: 3 Core: 54 Section: 54 Top Depth: 0-148

Major Lithology: mud Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other                    | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|--|------------------|
| 0           | mud       |                 | Ng    |                   |          | assailite  |         | 3 cm sandstone, subangular   | RB, 07-11-13     |
| 10          | o         |                 |       |                   |          | o  |         | horizontal cracks abundant in section, stain large due to clay content and drying? |                  |
| 20          |           |                 |       |                   |          |  |         |  |                  |
| 30          | o         |                 |       |                   |          | o  |         | assailite, granule   |                  |
| 40          |           |                 |       |                   |          |  |         |  |                  |
| 50          |           |                 |       |                   |          |  |         |  |                  |
| 60          |           |                 |       |                   |          |  |         |  |                  |
| 70          |           |                 |       |                   |          |  |         |  |                  |
| 80          |           |                 |       |                   |          |  |         |  |                  |
| 90          | o         |                 |       |                   |          | o  |         | assailite, pebble, 1.5 cm, subang. flat pebble,                                    |                  |
| 100         |           |                 |       |                   |          |  |         |  |                  |
| 110         |           |                 |       |                   |          |  |         |  |                  |
| 120         | o         |                 |       |                   |          | o  |         | assailite granules   |                  |
| 130         | o         |                 |       |                   |          | o  |         |  |                  |
| 140         |           |                 |       |                   |          |  |         |  |                  |
| 150         |           |                 |       |                   |          |  |         |  |                  |

Expedition 341 S. Alaska Margin:

Site: 11619 Hole: P Core: SH Section: 6A Top Depth: 0-148

Major Lithology: mud Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           | mud       |                 | dy    |                   |          | present  |         | has mud cracks, clay nod, drying?                               | UB, 07-11-13     |
| 10          |           |                 |       |                   |          |  |         |   |                  |
| 20          |           |                 |       |                   |          |  |         |   |                  |
| 30          | o         |                 |       |                   |          | o  |         | argillite, subaug, ? cu   |                  |
| 40          | o         |                 |       |                   |          | o  |         | schistose, 1.5 cu, subaug.                                      |                  |
| 50          |           |                 |       |                   |          |  |         |   |                  |
| 60          |           |                 |       |                   |          | o  |         | granite   |                  |
| 70          |           |                 |       |                   |          |  |         |   |                  |
| 80          |           |                 |       |                   |          |  |         |   |                  |
| 90          |           |                 |       |                   |          |  |         |   |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         | o         |                 |       |                   |          | o  |         | granite   |                  |
| 120         |           |                 |       |                   |          |  |         |   |                  |
| 130         |           |                 |       |                   |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: B Core: 58 Section: 7A Top Depth: 0-132

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

| Offset (cm) | Lithology  | Sed. Structures | Color        | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples    | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|------------|-----------------|--------------|-------------------|----------|--|------------|---|---------------------|
| 0           | <u>mud</u> |                 | <u>Wh</u>    |                   |          | <u>forams</u>  |            | <u>biogenic mud; clay</u>                                       | <u>XB, 07-11-13</u> |
| 10          | <u>o</u>   |                 |              |                   |          | <u>o</u>   |            | <u>shell fragments</u>  |                     |
| 20          |            |                 |              |                   |          |  |            |   |                     |
| 30          | <u>o</u>   |                 |              |                   |          | <u>o</u>   |            | <u>o. granules, mollusks</u>                                    |                     |
| 40          |            |                 |              |                   |          |  |            |   |                     |
| 50          | <u>o</u>   |                 |              |                   |          | <u>o</u>   |            |   |                     |
| 60          |            |                 |              |                   |          |  |            |   |                     |
| 70          |            |                 |              |                   |          |  |            |   |                     |
| 80          |            |                 |              |                   |          |  |            |   |                     |
| 90          | <u>o</u>   |                 |              |                   |          | <u>o</u>   |            |   |                     |
| 100         | <u>mud</u> |                 | <u>CS/Wh</u> |                   |          | <u>forams</u>  | <u>S98</u> | <u>mud</u>  |                     |
| 110         |            |                 |              |                   |          |  |            |   |                     |
| 120         | <u>o</u>   |                 |              |                   |          | <u>o</u>   |            | <u>grauke</u>   |                     |
| 130         |            |                 |              |                   |          |  |            |   |                     |
| 140         |            |                 |              |                   |          |  |            |   |                     |
| 150         |            |                 |              |                   |          |  |            |   |                     |

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: B Core: SH Section: CC Top Depth: 0-31

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

| Offset (cm) | Lithology  | Sed. Structures | Color     | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples    | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|------------|-----------------|-----------|-------------------|----------|--|------------|---|---------------------|
| 0           | <u>mud</u> |                 | <u>N4</u> |                   |          |  |            | <u>avg. 11th photo at cm, sub-</u>                              | <u>AB, 07-11-13</u> |
| 10          |            |                 |           |                   |          |  | <u>sc9</u> | <u>horizontal cracks; clay rich,</u>                            |                     |
| 20          |            |                 |           |                   |          |  |            | <u>dryig?</u>   |                     |
| 30          | <u>GAL</u> |                 |           |                   |          |  |            | <u>mud</u>  |                     |
| 40          |            |                 |           |                   |          |  |            |   |                     |
| 50          |            |                 |           |                   |          |  |            |   |                     |
| 60          |            |                 |           |                   |          |  |            |   |                     |
| 70          |            |                 |           |                   |          |  |            |   |                     |
| 80          |            |                 |           |                   |          |  |            |   |                     |
| 90          |            |                 |           |                   |          |  |            |   |                     |
| 100         |            |                 |           |                   |          |  |            |   |                     |
| 110         |            |                 |           |                   |          |  |            |   |                     |
| 120         |            |                 |           |                   |          |  |            |   |                     |
| 130         |            |                 |           |                   |          |  |            |   |                     |
| 140         |            |                 |           |                   |          |  |            |   |                     |
| 150         |            |                 |           |                   |          |  |            |   |                     |

Expedition 341 S. Alaska Margin:

Site: U419 Hole: B Core: 6H Section: 1A Top Depth: 46.50m CSF-A

Major Lithology: Mud Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb.                 | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|-----------|-----------------|-------|-----------------------------------|----------|--|---------|---|------------|--------------|
|             |           |                 |       |                                   |          |  |         |   | Childress  | July 11 2013 |
| 0           |           |                 |       |                                   |          | > 2mm<br>↓   |         |   |            |              |
| 10          |           |                 |       | void                              |          |  |         | 10-17: void, slight - siltstone (slaty) in W 1/2                |            |              |
| 20          |           |                 |       |                                   |          |  |         |   |            |              |
| 30          |           |                 |       | S<br>O<br>V<br>P<br>Y<br>(slight) | none     |  |         |   |            |              |
| 40          | mud       |                 | N4    |                                   | none     |  |         |   |            |              |
| 50          |           |                 |       |                                   |          |  |         |   |            |              |
| 60          |           |                 |       |                                   |          |  |         |   |            |              |
| 70          |           |                 |       |                                   |          |  |         |   |            |              |
| 80          |           |                 |       |                                   |          |  |         |   |            |              |
| 90          |           |                 |       |                                   |          |  |         |   |            |              |
| 100         |           |                 |       |                                   |          |  |         |   |            |              |
| 110         |           |                 |       |                                   |          | 106 - < 1cm granite                                    |         |   |            |              |
| 120         |           |                 |       |                                   |          |  |         |   |            |              |
| 130         |           |                 |       |                                   |          |  |         |   |            |              |
| 140         | DB        |                 |       |                                   |          |  |         |   |            |              |
| 150         |           |                 |       |                                   |          |  |         |   |            |              |

Expedition 341 S. Alaska Margin: U1419 Site: B Hole: 6H Core: 2A Section: 47.90m CSF-A Top Depth:

Major Lithology: Mud Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------|--------------|
|             |           |                 |       |                   |          |  |         |   | Childress  | July 11 2013 |
| 0           |           |                 |       |                   |          | 2mm  |         |   |            |              |
| 10          |           |                 |       |                   |          |  |         | 14: crack, slight   |            |              |
| 20          |           |                 |       |                   |          |  |         |   |            |              |
| 30          |           |                 |       |                   |          |  |         |   |            |              |
| 40          |           |                 |       |                   |          |  |         |   |            |              |
| 50          | mud       |                 | N4    |                   |          |  |         |   |            |              |
| 60          |           |                 |       |                   |          |  |         |   |            |              |
| 70          |           |                 |       |                   |          | 66-7cm sandstone                                       |         |   |            |              |
| 80          |           |                 |       |                   |          | 83   |         |   |            |              |
| 90          |           |                 |       |                   |          |  |         |   |            |              |
| 100         |           |                 |       |                   |          | 105  |         |   |            |              |
| 110         |           |                 |       |                   |          |  |         |   |            |              |
| 120         |           |                 |       |                   |          | 119  |         | 116-140cm: black mottling                                       |            |              |
| 130         |           |                 |       |                   |          |  |         |   |            |              |
| 140         | END       |                 |       |                   |          | 140  |         | 55134 mud, no bio (trace volcanics, 5%)                         |            |              |
| 150         |           |                 |       |                   |          |  |         |   |            |              |

Expedition 341 S. Alaska Margin:

Site: 11419 Hole: B Core: AH Section: 3A Top Depth: 0-89

Major Lithology: mud Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples              | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|----------------------|---|------------------|
| 0           | mud       |                 | 5.5/4 |                   |          | forssch  |                      | wish black mud matrix (FeO) in upper half                       | HB, 07-11-13     |
| 10          |           |                 |       |                   |          |  |                      |   |                  |
| 20          | o         |                 |       |                   |          | o  |                      | sample  |                  |
| 30          |           |                 |       |                   |          |  |                      |   |                  |
| 40          |           |                 |       |                   |          |  |                      |   |                  |
| 50          |           |                 |       |                   |          |  |                      |   |                  |
| 60          |           |                 |       |                   |          |  |                      |   |                  |
| 70          |           |                 |       |                   |          |  | 55% diatomaceous mud |   |                  |
| 80          |           |                 |       |                   |          |  |                      |   |                  |
| 90          | o         |                 |       |                   |          | o  |                      | cauditeo dent; subrounded; 5cu                                  |                  |
| 100         |           |                 |       |                   |          |  |                      |   |                  |
| 110         |           |                 |       |                   |          |  |                      |   |                  |
| 120         |           |                 |       |                   |          |  |                      |   |                  |
| 130         |           |                 |       |                   |          |  |                      |   |                  |
| 140         |           |                 |       |                   |          |  |                      |   |                  |
| 150         |           |                 |       |                   |          |  |                      |   |                  |



Expedition 341 S. Alaska Margin:

Site: 0419 Hole: B Core: 6A Section: CC Top Depth: 0-24

Major Lithology: mud Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color  | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|--------|-------------------|----------|--|---------|---|------------------|
| 0           | mud       |                 | sg/4/1 |                   |          |  |         |   | AB, 07-11-13     |
| 10          | PSL       |                 |        |                   |          |  |         |   |                  |
| 20          |           |                 |        |                   |          |  |         | granite cobble, rounded<br>9 cm                                 |                  |
| 30          |           |                 |        |                   |          |  |         |   |                  |
| 40          |           |                 |        |                   |          |  |         |   |                  |
| 50          |           |                 |        |                   |          |  |         |   |                  |
| 60          |           |                 |        |                   |          |  |         |   |                  |
| 70          |           |                 |        |                   |          |  |         |   |                  |
| 80          |           |                 |        |                   |          |  |         |   |                  |
| 90          |           |                 |        |                   |          |  |         |   |                  |
| 100         |           |                 |        |                   |          |  |         |   |                  |
| 110         |           |                 |        |                   |          |  |         |   |                  |
| 120         |           |                 |        |                   |          |  |         |   |                  |
| 130         |           |                 |        |                   |          |  |         |   |                  |
| 140         |           |                 |        |                   |          |  |         |   |                  |
| 150         |           |                 |        |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

U419 Site: B Hole: 7H Core: 1A 5D.40m CSF-A Top Depth:

Major Lithology: MUD Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |           |                 |       | SLIGHT            |          |  |         |   |                      |                    |
| 10          |           |                 |       |                   |          |  |         |   |                      |                    |
| 20          |           |                 |       |                   |          | 23   |         |   |                      |                    |
| 30          |           |                 |       |                   |          | 33(2A)   |         |   |                      |                    |
| 40          |           |                 |       |                   |          |  |         |   |                      |                    |
| 50          | mud       |                 | N4    |                   |          |  |         | *black mottling   |                      |                    |
| 60          |           |                 |       |                   |          | 60   |         |   |                      |                    |
| 70          |           |                 |       |                   |          | 64   |         |   |                      |                    |
| 80          |           |                 |       |                   |          | 68   |         |   |                      |                    |
| 90          |           |                 |       |                   |          | 76   |         |   |                      |                    |
| 100         |           |                 |       | SUCK IN (mod.)    |          | 110  |         |   |                      |                    |
| 110         |           |                 |       | + BAWLED (slight) |          |  |         |   |                      |                    |
| 120         |           |                 |       |                   |          |  |         |   |                      |                    |
| 130         |           |                 |       |                   |          | 132  |         |   |                      |                    |
| 140         |           |                 |       |                   |          | 137  |         |   |                      |                    |
| 143         | END       |                 |       |                   |          |  |         |   |                      |                    |
| 150         |           |                 |       |                   |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin:

U419 Site: B Hole: 7H Core: 2A Section: 51.83m CSF-A Top Depth:

Major Lithology: MUD

Minor Lithology:

| Offset (cm) | Lithology       | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|-----------------|-----------------|-------|-------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |                 |                 |       |                   |          |  |         |   |                      |                    |
| 10          | diatom rich mud |                 |       | SUCK IN (mod.)    |          |  |         |   |                      |                    |
| 20          |                 | 10Y 4/2         |       |                   |          | absent   | B520    | diatom rich mud   |                      |                    |
| 30          | grey wacke      |                 |       |                   |          |  |         | 33cm 5.5cm greywacke  |                      |                    |
| 42          | sandy conglom.  |                 |       |                   |          | >10 clasts >2mm  |         |   |                      |                    |
| 48          |                 | N4              |       |                   |          |  |         |   |                      |                    |
| 54          |                 |                 |       |                   |          |  | 54      |   |                      |                    |
| 60          |                 |                 |       |                   |          |  | 60      |   |                      |                    |
| 65          |                 |                 |       |                   |          |  | 65      |   |                      |                    |
| 70          | mud             |                 |       |                   |          |  | 71      |   |                      |                    |
| 80          |                 |                 |       |                   |          |  |         |   |                      |                    |
| 90          |                 |                 |       |                   |          |  | 86      |   |                      |                    |
| 91          |                 |                 |       |                   |          |  | 91      |   |                      |                    |
| 100         |                 |                 |       |                   |          |  | 99      |   |                      |                    |
| 106         |                 |                 |       |                   |          |  | 106     |   |                      |                    |
| 120         |                 |                 |       |                   |          |  | 120     |   |                      |                    |
| 130         |                 |                 |       |                   |          |  |         |   |                      |                    |
| 140         |                 |                 |       |                   |          |  |         |   |                      |                    |
| 142         | END             |                 |       |                   |          |  |         |   |                      |                    |
| 150         |                 |                 |       |                   |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin:

U1419 Site: B Hole: 7H Core: 3A 53.26m CSF-A Top Depth:

Major Lithology: MUD

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb.                               | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|-----------|-----------------|-------|---|----------|--|---------|---|----------------------|--------------------|
| 0           |           |                 |       |   |          | >2mm   |         |   |                      |                    |
| 10          |           |                 |       |   |          |  |         |   |                      |                    |
| 20          |           |                 |       |   |          | 21   |         |   |                      |                    |
| 30          |           |                 |       |   |          |  |         |   |                      |                    |
| 40          | mud       |                 | N4    |   | none     |  |         |   |                      |                    |
| 50          |           |                 |       | B<br>O<br>W<br>E<br>D<br>(slight)<br>@<br>Sands |          | 49<br>52   |         |   |                      |                    |
| 60          |           |                 |       |   |          | 63   |         |   |                      |                    |
| 70          |           |                 |       |   |          |  |         |   |                      |                    |
| 80          |           |                 |       |   |          | 77   |         | 81-82cm: normally graded 5Y 4/1 sand                            |                      |                    |
| 90          |           |                 |       |   |          |  |         |   |                      |                    |
| 100         |           |                 |       |   |          |  |         |   |                      |                    |
| 110         | mud       |                 | N4    |   |          |  |         |   |                      |                    |
| 120         |           |                 |       |   |          |  |         | 123-126: slight to mod crack                                    |                      |                    |
| 130         |           |                 |       |   |          |  |         |   |                      |                    |
| 140         |           |                 |       |   |          |  |         | 142-144: normally graded 5Y 4/1 sand                            |                      |                    |
| 146         | END       |                 |       |   |          |  |         |   |                      |                    |
| 150         |           |                 |       |   |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin: 01419 B 7H 4A 54.72m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

| Offset (cm) | Lithology               | Sed. Structures | Color | Drilling disturb.     | Bioturb. | Accessories: (i.e. shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other                         | Logged by: Childress | Date: July 11 2013 |
|-------------|-------------------------|-----------------|-------|-----------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |                         |                 |       |                       |          | 2m   |         |   |                      |                    |
| 10          | mud                     |                 |       |                       |          |  |         | shell fragments @ 14, 26cm + small @ 50cm   |                      |                    |
| 20          |                         |                 |       |                       |          | 20<br>21   |         |   |                      |                    |
| 28          |                         |                 |       |                       |          |  |         |   |                      |                    |
| 30          | inter-bedded sand & mud |                 |       |                       |          |  |         | 4-5 sand laminae w/ mud up to 4cm thick normally graded, sharp lower, gradational upper |                      |                    |
| 46          |                         |                 |       |                       |          |  |         |   |                      |                    |
| 50          |                         |                 |       |                       |          |  |         |   |                      |                    |
| 60          | mud                     |                 | N4    | BOWED (slight to mud) |          |  |         | faint color banding   |                      |                    |
| 70          |                         |                 |       |                       |          | 65<br>67<br>71                                       |         |   |                      |                    |
| 80          |                         |                 |       |                       |          |  |         |   |                      |                    |
| 90          |                         |                 |       |                       |          |  |         |   |                      |                    |
| 100         |                         |                 |       |                       |          | 93<br>101<br>102                                     |         |   |                      |                    |
| 110         |                         |                 |       |                       |          | 107  |         |   |                      |                    |
| 120         |                         |                 |       |                       |          | 116  |         | 116: 2.5cm greenstone   |                      |                    |
| 130         |                         |                 |       |                       |          | 124  |         |   |                      |                    |
| 140         |                         |                 |       |                       |          | 138  |         |   |                      |                    |
| 146         | END                     |                 |       |                       |          |  |         |   |                      |                    |
| 150         |                         |                 |       |                       |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin:

Site: U149 Hole: B Core: 7H Section: 5A Top Depth: 0-146

Major Lithology: mud Minor Lithology: interbedded silt + mud

| Offset (cm) | Lithology  | Sed. Structures | Color     | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date:   |
|-------------|------------|-----------------|-----------|-------------------|----------|--|---------|---|--------------------|
| 0           | <u>mud</u> |                 | <u>N4</u> |                   |          |  |         |   | <u>LB</u> 07-11-13 |
| 10          |            |                 |           |                   |          |  |         |   |                    |
| 20          | <u>o</u>   |                 |           |                   |          |  |         | <u>argillite clast in silt?</u>                                 |                    |
| 30          |            |                 |           |                   |          |  |         |   |                    |
| 40          |            |                 | <u>N4</u> | <u>↑</u>          |          |  |         | <u>3 silt laminae</u>   |                    |
| 50          |            |                 | <u>N4</u> |                   |          | <u>o</u> <u>pebbly clast</u>                           |         | <u>interbedded silt and mud</u>                                 |                    |
| 60          | <u>mud</u> |                 | <u>N4</u> | <u>↓</u>          |          |  |         | <u>Sandstone clast, 3 cm rounded</u>                            |                    |
| 70          |            |                 |           |                   |          |  |         |   |                    |
| 80          |            |                 |           |                   |          |  |         |   |                    |
| 90          |            |                 | <u>N4</u> | <u>↓</u>          |          |  |         | <u>interbedded silt + mud</u>                                   |                    |
| 100         | <u>mud</u> |                 | <u>N4</u> |                   |          |  |         | <u>2 silt laminae</u>   |                    |
| 110         |            |                 |           |                   |          |  |         |   |                    |
| 120         |            |                 |           |                   |          |  |         |   |                    |
| 130         |            |                 |           |                   |          |  |         |   |                    |
| 140         |            |                 |           |                   |          |  |         |   |                    |
| 150         |            |                 |           |                   |          |  |         |   |                    |

Expedition 341 S. Alaska Margin:

Site: 1119 Hole: 3 Core: 74 Section: 6A Top Depth: 0-146

Major Lithology: mud

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           | mud       |                 | grey  |                   |          | Forams   |         |   | HB, 07-11-13     |
| 10          |           |                 |       |                   |          |  |         |   |                  |
| 20          |           |                 |       |                   |          |  |         | horizontal cracks due to drying of clay rich mud?               |                  |
| 30          |           |                 |       |                   |          |  |         |   |                  |
| 40          |           |                 |       |                   |          |  |         |   |                  |
| 50          |           |                 |       |                   |          |  |         |   |                  |
| 60          |           |                 |       |                   |          |  |         |   |                  |
| 70          |           |                 |       |                   |          |  |         |   |                  |
| 80          |           |                 |       |                   |          |  |         | metasandstone clast, 6 cm, rounded, in WA!                      |                  |
| 90          |           |                 |       |                   |          |  | SSBS    | mud with forams + diatoms                                       |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         |           |                 |       |                   |          |  |         |   |                  |
| 120         |           |                 |       |                   |          |  |         | granules, subrounded, argillites                                |                  |
| 130         |           |                 |       |                   |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 11619 Hole: 3 Core: 7H Section: 7A Top Depth: 0-120

Major Lithology: mud Minor Lithology: interbedded sand + mud

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           | mud       |                 | N4    |                   |          | pebbles  |         |   | AB, 07-11-13     |
| 10          | o         |                 |       |                   |          | o  |         | argillite slab, subangular, 2cm                                 |                  |
| 20          |           |                 |       |                   |          |  |         |   |                  |
| 30          |           |                 |       |                   |          |  |         |   |                  |
| 40          | o         |                 |       |                   |          | o  |         | argillite pebble, rounded, in WH!                               |                  |
| 50          |           |                 |       |                   |          |  |         |   |                  |
| 60          |           |                 |       |                   |          |  |         |   |                  |
| 70          | o         |                 |       |                   |          | o  |         | pebble, subrounded, 20cm  |                  |
| 80          |           |                 |       |                   |          |  |         |   |                  |
| 90          |           |                 |       |                   |          |  |         |   |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         |           |                 |       |                   |          |  |         |   |                  |
| 120         |           |                 |       |                   |          |  |         | interbedded mud + silt  |                  |
| 130         |           |                 |       |                   |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |



Expedition 341 S. Alaska Margin:

Site: 11419 Hole: B Core: 7H Section: CC Top Depth: 0-25

Major Lithology: interbedded sand + mud Minor Lithology:

| Offset (cm) | Lithology              | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|------------------------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           | interbedded sand + mud |                 | light | board. mod.       |          |  | 26      | silt  | HB, 07-11-13     |
| 10          |                        |                 |       |                   |          |  |         |   |                  |
| 20          | PAZ                    |                 |       |                   |          |  |         |   |                  |
| 30          |                        |                 |       |                   |          |  |         |   |                  |
| 40          |                        |                 |       |                   |          |  |         |   |                  |
| 50          |                        |                 |       |                   |          |  |         |   |                  |
| 60          |                        |                 |       |                   |          |  |         |   |                  |
| 70          |                        |                 |       |                   |          |  |         |   |                  |
| 80          |                        |                 |       |                   |          |  |         |   |                  |
| 90          |                        |                 |       |                   |          |  |         |   |                  |
| 100         |                        |                 |       |                   |          |  |         |   |                  |
| 110         |                        |                 |       |                   |          |  |         |   |                  |
| 120         |                        |                 |       |                   |          |  |         |   |                  |
| 130         |                        |                 |       |                   |          |  |         |   |                  |
| 140         |                        |                 |       |                   |          |  |         |   |                  |
| 150         |                        |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

U1419

B

BH

1A

59.90m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: MUD

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color   | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, elasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|-----------|-----------------|---------|-------------------|----------|--|---------|---|------------|--------------|
|             |           |                 |         |                   |          |  |         |   | Childress  | July 11 2013 |
| 0           |           |                 |         | SOUPY (mod) 0-20  |          | 2m zone ↓  |         |   |            |              |
| 10          |           |                 |         |                   |          |  |         |   |            |              |
| 20          | mud       |                 | N4      |                   |          |  |         |   |            |              |
| 30          |           |                 |         | SAS Exp. (slight) |          | 30   |         |   |            |              |
| 40          |           |                 | grad.   | + BONES (mod.)    |          | 35   |         |   |            |              |
| 50          |           |                 | 10Y 4/1 |                   |          |  |         |   |            |              |
| 60          |           |                 |         |                   |          | absent   |         |   |            |              |
| 70          |           |                 |         |                   |          |  |         | SS73 - diatom rich mud, w/ trace ash                            |            |              |
| 80          |           |                 |         |                   |          |  |         |   |            |              |
| 90          |           |                 | grad.   |                   |          |  |         |   |            |              |
| 100         | mud       |                 | N4      |                   |          |  |         |   |            |              |
| 110         |           |                 |         |                   |          | 104  |         |   |            |              |
| 120         |           |                 |         | SUCK (mod.)       |          |  |         |   |            |              |
| 130         |           |                 |         | + SOUPY (slight)  |          |  |         |   |            |              |
| 140         |           |                 |         |                   |          | 139  |         |   |            |              |
| 142         | END       |                 |         |                   |          |  |         |   |            |              |
| 150         |           |                 |         |                   |          |  |         |   |            |              |

Expedition 341 S. Alaska Margin:

U1419 Site: B Hole: BH Core: 2A Section: 61.32m CSF-A Top Depth:

Major Lithology: Mud w/ silt

Minor Lithology:

| Offset (cm) | Lithology              | Sed. Structures | Color | Drilling disturb.                     | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|------------------------|-----------------|-------|---------------------------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |                        |                 |       | SUCK IN                               |          |  |         |   |                      |                    |
| 10          | argillite<br>silty mud |                 |       | GAS<br>EYE<br>SOUP<br>(mud)<br>(0-23) |          |  |         | 7cm: argillite cobble (~7cm)                                    |                      |                    |
| 20          |                        |                 |       |                                       |          |  |         |   |                      |                    |
| 30          | muddy silt             |                 | N4    |                                       |          |  |         |   |                      |                    |
| 40          |                        |                 |       |                                       |          |  |         |   |                      |                    |
| 50          |                        |                 |       |                                       |          |  |         |   |                      |                    |
| 60          | mud w/ silt            | PARTICULATE     |       | SUCK IN (mud)                         |          |  |         | SS57 - mud, no bio  |                      |                    |
| 70          |                        |                 |       |                                       |          |  |         | - silt patches from D.D.  |                      |                    |
| 80          |                        |                 |       |                                       |          |  |         |   |                      |                    |
| 90          |                        |                 |       |                                       |          |  |         |   |                      |                    |
| 100         |                        |                 |       |                                       |          |  |         |   |                      |                    |
| 110         |                        |                 |       |                                       |          |  |         |   |                      |                    |
| 120         |                        |                 |       |                                       |          |  |         |   |                      |                    |
| 130         |                        |                 |       |                                       |          |  |         |   |                      |                    |
| 140         |                        |                 |       |                                       |          |  |         |   |                      |                    |
| 150         |                        |                 |       |                                       |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin: U1419 B BH 3A 62.76m CSF-A  
 Site: Hole: Core: Section: Top Depth:

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

| Offset (cm) | Lithology          | Sed. Structures | Color     | Drilling disturb.     | Bioturb.    | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: <u>Childress</u> | Date: <u>July 11 2013</u> |
|-------------|--------------------|-----------------|-----------|-----------------------|-------------|--|---------|---|-----------------------------|---------------------------|
| 0           |                    |                 |           |                       |             |  |         |   |                             |                           |
| 10          |                    |                 |           |                       |             |  |         |   |                             |                           |
| 20          |                    |                 |           |                       |             |  |         |   |                             |                           |
| 30          | <u>mud w/ silt</u> | <u>PATCHES</u>  | <u>N4</u> | <u>SUCK IN (high)</u> | <u>none</u> | <u>2 clasts &gt; 2mm</u>                               |         | <u>- silt from P.D.</u>   |                             |                           |
| 40          |                    |                 |           |                       |             |  |         |   |                             |                           |
| 50          |                    |                 |           |                       |             |  |         |   |                             |                           |
| 60          |                    |                 |           |                       |             |  |         |   |                             |                           |
| 70          |                    |                 |           |                       |             |  |         |   |                             |                           |
| 80          |                    |                 |           |                       |             |  |         |   |                             |                           |
| 90          |                    |                 |           |                       |             |  |         |   |                             |                           |
| 100         |                    |                 |           |                       |             |  |         |   |                             |                           |
| 110         |                    |                 |           |                       |             |  |         |   |                             |                           |
| 120         |                    |                 |           |                       |             |  |         |   |                             |                           |
| 130         |                    |                 |           |                       |             |  |         |   |                             |                           |
| 140         |                    |                 |           |                       |             |  |         |   |                             |                           |
| 146         | <u>END</u>         |                 |           |                       |             |  |         |   |                             |                           |
| 150         |                    |                 |           |                       |             |  |         |   |                             |                           |

Expedition 341 S. Alaska Margin:

U1419

B

ØH

4A

64.22m CSF A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud w/ silt

Minor Lithology:

| Offset (cm) | Lithology   | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|-------------|-----------------|-------|-------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |             |                 |       |                   |          |  |         |   |                      |                    |
| 10          |             |                 |       |                   |          |  |         |   |                      |                    |
| 20          | Mud w/ silt | PATCHES         | N4    | ZIRCONS           | none     |  |         |   |                      |                    |
| 30          |             |                 |       |                   |          |  |         | - silt patches from DS  |                      |                    |
| 40          |             |                 |       | (high)            |          |  |         |   |                      |                    |
| 50          |             |                 |       |                   |          |  |         |   |                      |                    |
| 60          |             |                 |       |                   |          |  |         |   |                      |                    |
| 70          |             |                 |       |                   |          |  |         |   |                      |                    |
| 80          |             |                 |       |                   |          |  |         |   |                      |                    |
| 90          |             |                 |       |                   |          |  |         |   |                      |                    |
| 100         |             |                 |       |                   |          |  |         |   |                      |                    |
| 110         |             |                 |       |                   |          |  |         |   |                      |                    |
| 120         |             |                 |       |                   |          |  |         |   |                      |                    |
| 130         |             |                 |       |                   |          | 120cm - 2cm clast                                      |         |   |                      |                    |
| 140         |             |                 |       |                   |          |  |         |   |                      |                    |
| 150         |             |                 |       |                   |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin:

Site: 1419 Hole: B Core: 84 Section: 5A Top Depth: 0-147

Major Lithology: interbedded silt + mud Minor Lithology:

| Offset (cm) | Lithology          | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|--------------------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           |                    |                 |       |                   |          |  |         |   | HB, 07-11-13     |
| 10          | int. b. silt + mud |                 | N4    |                   |          |  |         |   |                  |
| 20          |                    |                 |       |                   |          |  |         |   |                  |
| 30          |                    |                 |       |                   |          |  |         |   |                  |
| 40          |                    |                 |       |                   |          |  |         |   |                  |
| 50          |                    |                 |       |                   |          |  |         |   |                  |
| 60          |                    |                 |       |                   |          |  |         |   |                  |
| 70          |                    |                 |       |                   |          |  |         |   |                  |
| 80          |                    |                 |       |                   |          |  |         |   |                  |
| 90          |                    |                 |       |                   |          |  |         |   |                  |
| 100         |                    |                 |       |                   |          |  |         |   |                  |
| 110         | int. b. silt + mud |                 | N4    |                   |          |  |         | mostly silt w. some mud laminae                                 |                  |
| 120         |                    |                 |       |                   |          |  |         |   |                  |
| 130         |                    |                 |       |                   |          |  |         |   |                  |
| 140         |                    |                 |       |                   |          |  |         |   |                  |
| 150         |                    |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 11419 Hole: 3 Core: 8H Section: 6A Top Depth: 0-145

Major Lithology: interbedded silt + mud Minor Lithology:

| Offset (cm) | Lithology              | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|------------------------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           | interbedded silt + mud |                 | light |                   |          |  |         |   | RB, 07-11-13     |
| 10          |                        |                 |       |                   |          |  |         |   |                  |
| 20          |                        |                 |       |                   |          |  |         | silt > mud  |                  |
| 30          |                        |                 |       |                   |          |  |         |   |                  |
| 40          |                        |                 |       |                   |          |  |         |   |                  |
| 50          |                        |                 |       |                   |          |  |         |   |                  |
| 60          |                        |                 |       |                   |          |  |         |   |                  |
| 70          |                        |                 |       |                   |          |  |         |   |                  |
| 80          |                        |                 |       |                   |          |  |         |   |                  |
| 90          |                        |                 |       |                   |          |  |         |   |                  |
| 100         |                        |                 |       |                   |          |  |         |   |                  |
| 110         |                        |                 |       |                   |          |  |         |   |                  |
| 120         |                        |                 |       |                   |          |  |         |   |                  |
| 130         |                        |                 |       |                   |          |  |         |   |                  |
| 140         |                        |                 |       |                   |          |  |         |   |                  |
| 150         |                        |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 11419 Hole: B Core: 84 Section: 7A Top Depth: 0-60

Major Lithology: silty mud Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           | silty mud |                 | light |                   |          |  |         |   | HB, 07-11-13     |
| 10          | silty mud |                 |       |                   |          |  | Q57     | sand, fine grained<br>silty mud                                 |                  |
| 20          |           |                 |       |                   |          |  |         |   |                  |
| 30          |           |                 |       |                   |          |  |         |   |                  |
| 40          |           |                 |       |                   |          |  |         |   |                  |
| 50          |           |                 |       |                   |          |  |         |   |                  |
| 60          |           |                 |       |                   |          |  |         |   |                  |
| 70          |           |                 |       |                   |          |  |         |   |                  |
| 80          |           |                 |       |                   |          |  |         |   |                  |
| 90          |           |                 |       |                   |          |  |         |   |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         |           |                 |       |                   |          |  |         |   |                  |
| 120         |           |                 |       |                   |          |  |         |   |                  |
| 130         |           |                 |       |                   |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |



Expedition 341 S. Alaska Margin:

Site: 11419 Hole: B Core: SH Section: CC Top Depth: 0-41

Major Lithology: interb. silt + mud Minor Lithology: \_\_\_\_\_

| Offset (cm) | Lithology         | Sed. Structures | Color       | Drilling disturb.        | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|-------------------|-----------------|-------------|--------------------------|----------|--|---------|---|---------------------|
| 0           | <u>interb.</u>    |                 | <u>grey</u> |                          |          |  |         |   | <u>AB, 07-11-13</u> |
| 10          | <u>silt + mud</u> |                 |             | <u>shd - w. bioturb.</u> |          |  |         | <u>silt -&gt; mud</u>   |                     |
| 20          |                   |                 |             |                          |          |  |         |   |                     |
| 30          |                   |                 |             |                          |          |  |         |   |                     |
| 40          | <u>PAZ</u>        |                 |             |                          |          |  |         |   |                     |
| 50          |                   |                 |             |                          |          |  |         |   |                     |
| 60          |                   |                 |             |                          |          |  |         |   |                     |
| 70          |                   |                 |             |                          |          |  |         |   |                     |
| 80          |                   |                 |             |                          |          |  |         |   |                     |
| 90          |                   |                 |             |                          |          |  |         |   |                     |
| 100         |                   |                 |             |                          |          |  |         |   |                     |
| 110         |                   |                 |             |                          |          |  |         |   |                     |
| 120         |                   |                 |             |                          |          |  |         |   |                     |
| 130         |                   |                 |             |                          |          |  |         |   |                     |
| 140         |                   |                 |             |                          |          |  |         |   |                     |
| 150         |                   |                 |             |                          |          |  |         |   |                     |

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: B Core: 9H Section: 1A Top Depth: 69.30m CSF-A

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

| Offset (cm) | Lithology              | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|------------------------|-----------------|-------|-------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |                        |                 |       |                   |          |  |         |   |                      |                    |
| 10          | mud                    |                 | N4    |                   |          |  |         |   |                      |                    |
| 20          | <del>irregular</del>   |                 |       |                   |          |  |         |   |                      |                    |
| 30          | mud w/ abundant clasts |                 |       |                   |          |  |         |   |                      |                    |
| 40          |                        |                 |       |                   |          |  |         | argillite, sandstone, volcanic, greenstone, siltstone, rhyolite |                      |                    |
| 50          |                        |                 |       |                   | none     |  |         |   |                      |                    |
| 60          |                        |                 |       |                   |          |  |         |   |                      |                    |
| 70          |                        |                 |       |                   |          |  |         |   |                      |                    |
| 80          |                        |                 |       |                   |          |  |         | 80-85: silt m (slight)  |                      |                    |
| 90          | mud w/ sand            |                 |       |                   |          |  |         |   |                      |                    |
| 100         | mud w/ abundant clasts |                 |       |                   |          |  |         | greenstone; sandstone   |                      |                    |
| 110         |                        |                 |       |                   |          |  |         |   |                      |                    |
| 120         | mud w/ sand            |                 |       |                   |          | 1/6 (> 2mm)  |         |   |                      |                    |
| 130         |                        |                 |       |                   |          |  |         |   |                      |                    |
| 140         | END                    |                 |       |                   |          |  |         |   |                      |                    |
| 150         |                        |                 |       |                   |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin: U1419 B 9H 2A 70.70m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: Mud Minor Lithology:

| Offset (cm) | Lithology                              | Sed. Structures | Color   | Drilling disturb. | Bioturb.              | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|--|-----------------|---------|-------------------|-----------------------|--|---------|---|----------------------|--------------------|
| 0           |  |                 |         |                   |                       |  |         |   |                      |                    |
| 10          | biosther mud w/sand                    |                 |         |                   |                       |  |         | 0-28; many thin black mottles.                                  |                      |                    |
| 20          |  |                 |         |                   |                       |  | 23      |   |                      |                    |
| 30          | 28 mud w/sand                          |                 | 10Y 4/1 |                   |                       |  |         |   |                      |                    |
| 40          |  |                 |         |                   |                       |  |         | SS45 - biostherous beaning mud                                  |                      |                    |
| 50          | 51 mud w/sand                          |                 | N4      |                   | MOZU Δ (mod. to high) | None   |         |   |                      |                    |
| 60          |  |                 |         |                   |                       |  | 60      |   |                      |                    |
| 70          |  |                 |         |                   |                       |  |         |   |                      |                    |
| 80          |  |                 |         |                   |                       |  |         |   |                      |                    |
| 90          |  |                 |         |                   |                       |  |         |   |                      |                    |
| 97          | 97 diatom rich mud w/ dispersed clasts |                 | 10Y 4/1 |                   |                       |  |         | SS97 - diatom bearing mud                                       |                      |                    |
| 100         |  |                 | N4      |                   |                       |  |         | SS100 - diatom rich mud   |                      |                    |
| 110         | 110 diatom rich mud w/ common clasts   | PAR. LAM.       | 10Y 4/1 |                   |                       |  |         | color bands,  |                      |                    |
| 120         | 121 mud w/ abundant clasts             |                 | N4      |                   |                       |  |         | Volcanics, siltstone, argillite                                 |                      |                    |
| 130         | 131 mud w/sand                         |                 | N4      |                   |                       |  |         |   |                      |                    |
| 140         | 141 END                                |                 |         |                   |                       |  |         |   |                      |                    |
| 150         |  |                 |         |                   |                       |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin: 11419 B 24 3A 72.11 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: July 11 2013 |
|-------------|------------------------|-----------------|---------|-------------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |                        |                 |         |                         |          |  |         |   |                      |                    |
| 10          | mud w/ sand            |                 | N4      |                         |          |  |         |   |                      |                    |
| 16          |                        |                 |         |                         |          |  |         |   |                      |                    |
| 20          |                        |                 | 10Y 4/1 |                         |          |  |         |   |                      |                    |
| 30          |                        |                 |         |                         | none     |  |         |   |                      |                    |
| 40          |                        |                 |         | BOREHOLE (mid. to high) |          |  |         |   |                      |                    |
| 50          | mud w/ abundant clasts |                 | N4      |                         |          |  |         | siltstones, greenstones   |                      |                    |
| 57          |                        |                 |         |                         |          |  |         |   |                      |                    |
| 60          | mud w/ sand            | PAR. LAM.       | N4      |                         |          |  |         |   |                      |                    |
| 70          |                        |                 |         |                         |          |  |         |   |                      |                    |
| 75          |                        |                 |         |                         |          |  |         |   |                      |                    |
| 80          | mud w/ abundant clasts |                 |         |                         |          |  |         |   |                      |                    |
| 90          |                        |                 |         |                         |          |  |         |   |                      |                    |
| 100         |                        |                 |         |                         |          |  |         |   |                      |                    |
| 110         | mud w/ sand            |                 |         |                         |          |  |         |   |                      |                    |
| 120         |                        |                 |         |                         |          | 119  |         |   |                      |                    |
| 130         |                        |                 |         |                         |          |  |         |   |                      |                    |
| 140         |                        |                 |         |                         |          | 137<br>141   |         |   |                      |                    |
| 143         | END                    |                 |         |                         |          |  |         |   |                      |                    |
| 150         |                        |                 |         |                         |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: 3 Core: 9A Section: 4A Top Depth: 0-146

Major Lithology: clast med waddy chaotic Minor Lithology: \_\_\_\_\_

| Offset (cm) | Lithology                      | Sed. Structures | Color     | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|--------------------------------|-----------------|-----------|-------------------|----------|--|---------|---|------------------|
| 0           | <i>wood</i>                    |                 | <i>U4</i> |                   |          |  |         | 4 wood laminae to veggs & Si beads                              | HB, 07-11-13     |
| 10          | <i>wood</i>                    |                 |           |                   |          |  |         |   |                  |
| 20          | <i>wood</i>                    |                 |           |                   |          |  |         |   |                  |
| 30          | <i>clast med waddy chaotic</i> |                 |           |                   |          |  |         |   |                  |
| 40          |                                |                 |           |                   |          |  |         | lithologies   |                  |
| 50          |                                |                 |           |                   |          |  |         | siltstone <del>III</del> <del>IIII</del> III                    |                  |
| 60          |                                |                 |           |                   |          |  |         | breccia / sandstone III   |                  |
| 70          |                                |                 |           |                   |          |  | SS68    | sandstone, laminated I  |                  |
| 80          |                                |                 |           |                   |          |  |         | myelite I   |                  |
| 90          |                                |                 |           |                   |          |  |         | granite II  |                  |
| 100         |                                |                 |           |                   |          |  |         | sandstone I   |                  |
| 110         |                                |                 |           |                   |          |  |         | red siltstone II  |                  |
| 120         |                                |                 |           |                   |          |  |         | clay I  |                  |
| 130         |                                |                 |           |                   |          |  |         | gneiss I  |                  |
| 140         |                                |                 |           |                   |          |  |         |   |                  |
| 150         |                                |                 |           |                   |          |  |         | silt  |                  |

Expedition 341 S. Alaska Margin:

11419

J

9H

SA

0-147

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: *clay- and muddy-diatomite*

Minor Lithology:

| Offset (cm) | Lithology                        | Sed. Structures | Color    | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples    | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|----------------------------------|-----------------|----------|-------------------|----------|--|------------|---|---------------------|
| 0           | <i>clay- and muddy-diatomite</i> |                 | <i>W</i> |                   |          |  |            | <i>lithologies</i>  | <i>AB, 07-11-13</i> |
| 10          | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            | <i>siltstone III</i>  |                     |
| 20          | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            | <i>praise II</i>  |                     |
| 30          | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            | <i>sandstone III</i>  |                     |
| 40          | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            | <i>granulite / basalt IV</i>                                    |                     |
| 50          | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  | <i>850</i> | <i>black chert III III</i>                                      |                     |
| 60          | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            | <i>red chert II</i>   |                     |
| 70          | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            | <i>wood laminae, 7</i>  |                     |
| 80          | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            | <i>laminated siltst</i>   |                     |
| 90          | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            | <i>Sandy mud</i>  |                     |
| 100         | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            |   |                     |
| 110         | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            |   |                     |
| 120         | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            |   |                     |
| 130         | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            |   |                     |
| 140         | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            |   |                     |
| 150         | <i>clay- and muddy-diatomite</i> |                 |          |                   |          |  |            |   |                     |

Expedition 341 S. Alaska Margin:

Site: 1149 Hole: B Core: 9A Section: 6A Top Depth: 0-149

Major Lithology: dark grey muddy diamicite Minor Lithology:

| Offset (cm) | Lithology                       | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|---------------------------------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           |                                 |                 |       |                   |          |  |         |   | HB, 07-11-13     |
| 10          | light grey<br>mudstone<br>dial. |                 | 1/4   |                   |          |  |         |   |                  |
| 20          |                                 |                 |       |                   |          |  |         | 6 and 6a<br>1 and 1a  |                  |
| 30          |                                 |                 |       |                   |          |  |         |   |                  |
| 40          |                                 |                 |       |                   |          |  |         | lithology   |                  |
| 50          |                                 |                 |       |                   |          |  |         | sandst. 1/4   |                  |
| 60          |                                 |                 |       |                   |          |  |         | siltst. 1/4 1/4 1/4   |                  |
| 70          |                                 |                 |       |                   |          |  |         | swiss 1/4   |                  |
| 80          |                                 |                 |       |                   |          |  |         | gravel 1/4 1/4  |                  |
| 90          |                                 |                 |       |                   |          |  |         | gravel 1/4 1/4  |                  |
| 100         |                                 |                 |       |                   |          |  |         | shaly 1/4   |                  |
| 110         |                                 |                 |       |                   |          |  |         | clay 1/4  |                  |
| 120         |                                 |                 |       |                   |          |  |         |   |                  |
| 130         |                                 |                 |       |                   |          |  |         |   |                  |
| 140         |                                 |                 |       |                   |          |  |         |   |                  |
| 150         |                                 |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: B Core: 941 Section: CC Top Depth: 0-30

Major Lithology: fine sandstone, diamicton Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           |           |                 |       |                   |          |  |         |   | 18,07-11-13      |
| 10          |           |                 |       |                   |          |  |         | sandstone / siltstone / basalt / diamicton                      |                  |
| 20          |           |                 |       |                   |          |  |         |   |                  |
| 30          | PAL       |                 |       |                   |          |  |         |   |                  |
| 40          |           |                 |       |                   |          |  |         |   |                  |
| 50          |           |                 |       |                   |          |  |         |   |                  |
| 60          |           |                 |       |                   |          |  |         |   |                  |
| 70          |           |                 |       |                   |          |  |         |   |                  |
| 80          |           |                 |       |                   |          |  |         |   |                  |
| 90          |           |                 |       |                   |          |  |         |   |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         |           |                 |       |                   |          |  |         |   |                  |
| 120         |           |                 |       |                   |          |  |         |   |                  |
| 130         |           |                 |       |                   |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |



Expedition 341 S. Alaska Margin:

U149

B

10H

1A

78.10m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

| Offset (cm) | Lithology            | Sed. Structures | Color   | Drilling disturb.           | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|----------------------|-----------------|---------|-----------------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |                      |                 |         |                             |          |  |         |   |                      |                    |
| 10          | mud                  |                 | N4      | SOUP (mod. to high)         |          | Ham-shell frag.  |         |   |                      |                    |
| 20          |                      |                 | 10Y 4/1 |                             |          |  |         | SS23 - mud w/ forams  |                      |                    |
| 30          | mud w/ forams        |                 |         |                             |          |  |         |   |                      |                    |
| 40          |                      |                 |         | SOUP + CRACK (mod. to high) |          |  |         |   |                      |                    |
| 50          |                      |                 |         |                             | none     |  |         |   |                      |                    |
| 70          |                      |                 |         |                             |          |  |         |   |                      |                    |
| 80          | mud w/ common clasts |                 | N4      |                             |          |  |         | N-106cm: along core contain. (10Y 4/1 on side of N4)            |                      |                    |
| 80          |                      |                 |         |                             |          |  |         | argillite, siltstone  |                      |                    |
| 140         | END                  |                 |         |                             |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin: 11419 B 10H 2A 7.51m CSF-A  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: MUD Minor Lithology:

| Offset (cm) | Lithology               | Sed. Structures | Color   | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|-------------------------|-----------------|---------|-------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |                         |                 |         |                   |          |  |         |   |                      |                    |
| 10          | diatom br.              |                 |         |                   |          |  |         |   |                      |                    |
| 20          | mud w/ dispersed clasts |                 |         |                   |          |  |         | siltstone, greenstone   |                      |                    |
| 30          |                         |                 | N4      |                   |          |  |         |   |                      |                    |
| 40          |                         |                 |         |                   |          |  |         |   |                      |                    |
| 50          |                         |                 |         |                   |          |  | SS45    | mud w/ diatoms  |                      |                    |
| 55          |                         |                 |         | BOWED             |          |  |         |   |                      |                    |
| 60          |                         |                 | 10X 4/1 |                   |          |  |         |   |                      |                    |
| 70          | mud w/ dispersed clasts |                 |         |                   | none     |  |         | siltstone, greenstone   |                      |                    |
| 80          |                         |                 |         |                   |          |  |         |   |                      |                    |
| 90          |                         |                 |         |                   |          |  |         |   |                      |                    |
| 94          |                         |                 |         | BOWED             |          |  |         |   |                      |                    |
| 100         | mud                     |                 | N4      |                   |          |  |         |   |                      |                    |
| 110         |                         |                 |         | BOWED             |          |  |         |   |                      |                    |
| 120         | mud                     |                 | 10X 4/1 |                   |          |  |         |   |                      |                    |
| 130         |                         |                 |         |                   |          |  |         |   |                      |                    |
| 140         |                         |                 |         |                   |          |  |         |   |                      |                    |
| 144         | END                     |                 |         |                   |          |  |         |   |                      |                    |
| 150         |                         |                 |         |                   |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin: U1419 Site: B Hole: 10H Core: 3A Section: 80.95m CSF-A Top Depth:

Major Lithology: MUD Minor Lithology:

| Offset (cm) | Lithology   | Sed. Structures | Color   | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|-------------|-----------------|---------|-------------------|----------|--|---------|---|------------|--------------|
|             |             |                 |         |                   |          |  |         |   | Childress  | July 11 2013 |
| 0           |             |                 |         |                   |          | >2mm<br>↓  |         |   |            |              |
| 10          | mud         |                 | 10Y 4/1 |                   |          |  |         |   |            |              |
| 20          |             |                 |         | VOID              |          | absent   |         |   |            |              |
| 30          |             |                 |         |                   | none     | 31   |         |   |            |              |
| 40          | mud w/ sand |                 |         |                   |          |  |         |   |            |              |
| 57          | END         |                 |         |                   |          |  |         |   |            |              |
| 60          |             |                 |         |                   |          |  |         |   |            |              |
| 70          |             |                 |         |                   |          |  |         |   |            |              |
| 80          |             |                 |         |                   |          |  |         |   |            |              |
| 90          |             |                 |         |                   |          |  |         |   |            |              |
| 100         |             |                 |         |                   |          |  |         |   |            |              |
| 110         |             |                 |         |                   |          |  |         |   |            |              |
| 120         |             |                 |         |                   |          |  |         |   |            |              |
| 130         |             |                 |         |                   |          |  |         |   |            |              |
| 140         |             |                 |         |                   |          |  |         |   |            |              |
| 150         |             |                 |         |                   |          |  |         |   |            |              |

Expedition 341 S. Alaska Margin: U1419 B 10H CC-A 81.54m CSF-A  
 Site: Hole: Core: Section: Top Depth:

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

| Offset (cm) | Lithology       | Sed. Structures | Color   | Drilling disturb.  | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|-----------------|-----------------|---------|--------------------|----------|--|---------|---|------------|--------------|
|             |                 |                 |         |                    |          |  |         |   | Childress  | July 11 2013 |
| 0           |                 |                 |         |                    |          |  |         |   |            |              |
| 10          | mud             |                 | 10Y 4/1 | BRITTLENESS (100%) | none     | absent   |         |   |            |              |
| 21          | PAL             |                 |         |                    |          |  | PAL     |   |            |              |
| 21          | green siltstone |                 | 10G 4/1 | CRACK high         | none     | absent? all darts really                               |         | cracks b/w pieces of S.S. plus black siltstone                  |            |              |
| 33          |                 |                 |         |                    |          |  |         |   |            |              |
| 40          |                 |                 |         |                    |          |  |         |   |            |              |
| 50          |                 |                 |         |                    |          |  |         |   |            |              |
| 60          |                 |                 |         |                    |          |  |         |   |            |              |
| 70          |                 |                 |         |                    |          |  |         |   |            |              |
| 80          |                 |                 |         |                    |          |  |         |   |            |              |
| 90          |                 |                 |         |                    |          |  |         |   |            |              |
| 100         |                 |                 |         |                    |          |  |         |   |            |              |
| 110         |                 |                 |         |                    |          |  |         |   |            |              |
| 120         |                 |                 |         |                    |          |  |         |   |            |              |
| 130         |                 |                 |         |                    |          |  |         |   |            |              |
| 140         |                 |                 |         |                    |          |  |         |   |            |              |
| 150         |                 |                 |         |                    |          |  |         |   |            |              |

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: B Core: 11H Section: 1A Top Depth: 0-149

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

| Offset (cm) | Lithology   | Sed. Structures | Color        | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|-------------|-----------------|--------------|-------------------|----------|--|---------|---|---------------------|
| 0           | <u>Mud</u>  |                 | <u>SP/41</u> |                   |          |  |         |   | <u>AB, 07-11-13</u> |
| 10          |             |                 |              |                   |          |  |         |   |                     |
| 20          | <u>VOID</u> |                 |              |                   |          |  |         | <u>VOID</u>   |                     |
| 30          |             |                 |              |                   |          |  |         |   |                     |
| 40          |             |                 |              |                   |          |  |         |   |                     |
| 50          |             |                 |              |                   |          |  |         |   |                     |
| 60          |             |                 |              |                   |          |  |         |   |                     |
| 70          |             |                 |              |                   |          |  |         |   |                     |
| 80          |             |                 |              |                   |          |  |         |   |                     |
| 90          |             |                 |              |                   |          |  |         |   |                     |
| 100         |             |                 |              |                   |          |  |         |   |                     |
| 110         |             |                 |              |                   |          |  |         |   |                     |
| 120         |             |                 |              |                   |          |  |         |   |                     |
| 130         |             |                 |              |                   |          |  |         |   |                     |
| 140         |             |                 |              |                   |          |  |         |   |                     |
| 150         |             |                 |              |                   |          |  |         |   |                     |

Expedition 341 S. Alaska Margin:

Site: U149 Hole: 3 Core: UH Section: 2A Top Depth: 0-153

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

| Offset (cm) | Lithology  | Sed. Structures | Color         | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples    | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|------------|-----------------|---------------|-------------------|----------|--|------------|---|---------------------|
| 0           | <u>mud</u> |                 | <u>10Y5/1</u> |                   |          |  |            |   | <u>10, 07-11-13</u> |
| 10          |            |                 |               |                   |          |  |            |   |                     |
| 20          |            |                 |               |                   |          |  |            | <u>horizontal cracks, clay-rich mud and desiccation</u>         |                     |
| 30          |            |                 |               |                   |          |  |            |   |                     |
| 40          |            |                 |               |                   |          |  |            |   |                     |
| 50          |            |                 |               |                   |          |  | <u>555</u> | <u>diatom rich mud</u>  |                     |
| 60          |            |                 |               |                   |          |  |            |   |                     |
| 70          |            |                 |               |                   |          |  |            |   |                     |
| 80          |            |                 |               |                   |          |  |            |   |                     |
| 90          |            |                 |               |                   |          |  |            |   |                     |
| 100         |            |                 |               |                   |          |  |            |   |                     |
| 110         |            |                 |               |                   |          |  |            |   |                     |
| 120         |            |                 |               |                   |          |  |            |   |                     |
| 130         |            |                 |               |                   |          |  |            |   |                     |
| 140         |            |                 |               |                   |          |  |            |   |                     |
| 150         |            |                 |               |                   |          |  |            |   |                     |

Expedition 341 S. Alaska Margin:

Site: U49 Hole: B Core: 114 Section: 3A Top Depth: 0-111

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

| Offset (cm) | Lithology  | Sed. Structures | Color          | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|------------|-----------------|----------------|-------------------|----------|--|---------|---|---------------------|
| 0           | <u>mud</u> |                 | <u>10/4/11</u> |                   |          | <u>Poroid</u>  |         |   | <u>HB, 07-11-13</u> |
| 10          |            |                 |                |                   |          |  |         | <u>3 granules at 20, 96, 106 cm</u>                             |                     |
| 20          | <u>o</u>   |                 |                |                   |          | <u>o</u>   |         | <u>2 pebbles &lt; 2 cm at 51, 60 cm</u>                         |                     |
| 30          |            |                 |                |                   |          |  |         |   |                     |
| 40          |            |                 |                |                   |          |  |         |   |                     |
| 50          | <u>o</u>   |                 |                |                   |          | <u>o</u>   |         |   |                     |
| 60          | <u>o</u>   |                 |                |                   |          | <u>o</u>   |         |   |                     |
| 70          |            |                 |                |                   |          |  |         |   |                     |
| 80          |            |                 |                |                   |          |  |         |   |                     |
| 90          |            |                 |                |                   |          |  |         |   |                     |
| 100         | <u>o</u>   |                 |                |                   |          | <u>o</u>   |         |   |                     |
| 110         |            |                 |                |                   |          |  |         |   |                     |
| 120         | <u>o</u>   |                 |                |                   |          | <u>o</u>   |         |   |                     |
| 130         |            |                 |                |                   |          |  |         |   |                     |
| 140         |            |                 |                |                   |          |  |         |   |                     |
| 150         |            |                 |                |                   |          |  |         |   |                     |

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: B Core: 11H Section: 4A Top Depth: 0-61

Major Lithology: U1419 Minor Lithology: \_\_\_\_\_

| Offset (cm) | Lithology    | Sed. Structures | Color          | Drilling disturb.      | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|--------------|-----------------|----------------|------------------------|----------|--|---------|---|---------------------|
| 0           | <u>U1419</u> |                 | <u>10% 4/4</u> |                        |          |  |         |   | <u>HB, 07-11-13</u> |
| 10          |              |                 |                |                        |          |  |         | <u>horizontal cracks, clay-mud</u>                              |                     |
| 20          |              |                 |                | <u>quite m, domoed</u> |          |  |         |   |                     |
| 30          |              |                 |                |                        |          |  |         |   |                     |
| 40          |              |                 |                |                        |          |  |         |   |                     |
| 50          |              |                 |                |                        |          |  |         |   |                     |
| 60          |              |                 |                |                        |          |  |         |   |                     |
| 70          |              |                 |                |                        |          |  |         |   |                     |
| 80          |              |                 |                |                        |          |  |         |   |                     |
| 90          |              |                 |                |                        |          |  |         |   |                     |
| 100         |              |                 |                |                        |          |  |         |   |                     |
| 110         |              |                 |                |                        |          |  |         |   |                     |
| 120         |              |                 |                |                        |          |  |         |   |                     |
| 130         |              |                 |                |                        |          |  |         |   |                     |
| 140         |              |                 |                |                        |          |  |         |   |                     |
| 150         |              |                 |                |                        |          |  |         |   |                     |



Expedition 341 S. Alaska Margin:

Site: 049 3 Hole: 114 Core: CC Section: 0-18  
 Top Depth:

Major Lithology: mud Minor Lithology:

| Offset (cm) | Lithology  | Sed. Structures | Color         | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|------------|-----------------|---------------|-------------------|----------|--|---------|---|---------------------|
| 0           | <u>mud</u> |                 | <u>10Y4/1</u> | <u>HOUSE</u>      |          |  |         |   | <u>AB, 07-11-13</u> |
| 10          |            |                 |               |                   |          |  |         |   |                     |
| 20          | <u>SAL</u> |                 |               |                   |          |  |         |   |                     |
| 30          |            |                 |               |                   |          |  |         |   |                     |
| 40          |            |                 |               |                   |          |  |         |   |                     |
| 50          |            |                 |               |                   |          |  |         |   |                     |
| 60          |            |                 |               |                   |          |  |         |   |                     |
| 70          |            |                 |               |                   |          |  |         |   |                     |
| 80          |            |                 |               |                   |          |  |         |   |                     |
| 90          |            |                 |               |                   |          |  |         |   |                     |
| 100         |            |                 |               |                   |          |  |         |   |                     |
| 110         |            |                 |               |                   |          |  |         |   |                     |
| 120         |            |                 |               |                   |          |  |         |   |                     |
| 130         |            |                 |               |                   |          |  |         |   |                     |
| 140         |            |                 |               |                   |          |  |         |   |                     |
| 150         |            |                 |               |                   |          |  |         |   |                     |

Expedition 341 S. Alaska Margin:

U149

B

12H

1A

86.50m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Mud

Minor Lithology:

| Offset (cm) | Lithology      | Sed. Structures | Color   | Drilling disturb. | Bioturb. | Accessories: (i.e. shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Childress | Date: July 11 2013 |
|-------------|----------------|-----------------|---------|-------------------|----------|--|---------|---|----------------------|--------------------|
| 0           |                |                 |         |                   |          |  |         |   |                      |                    |
| 10          |                |                 |         |                   |          |  |         |   |                      |                    |
| 20          |                |                 |         |                   |          |  |         |   |                      |                    |
| 30          |                |                 |         |                   |          |  | 5330    | 25cm: shell fragments<br>mud, w/ diatoms                        |                      |                    |
| 40          |                |                 |         |                   |          |  |         |   |                      |                    |
| 50          | mud w/ diatoms |                 | 10Y 4/1 |                   | none     |  |         | 42-46cm: shell fragments  |                      |                    |
| 60          |                |                 |         | void              |          |  |         |   |                      |                    |
| 70          |                |                 |         |                   |          |  |         |   |                      |                    |
| 80          |                |                 |         | void              |          |  |         |   |                      |                    |
| 90          |                |                 |         |                   |          |  |         |   |                      |                    |
| 100         |                |                 |         |                   |          |  |         |   |                      |                    |
| 110         |                |                 |         | void              |          |  |         |   |                      |                    |
| 120         |                |                 |         |                   |          |  |         |   |                      |                    |
| 130         |                |                 |         | void              |          |  |         |   |                      |                    |
| 140         |                |                 |         |                   |          |  |         |   |                      |                    |
| 150         |                |                 |         |                   |          |  |         |   |                      |                    |

Expedition 341 S. Alaska Margin:

U1419

B

12H

2A

88.00m CSF-A

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:.....

Minor Lithology:.....

| Offset (cm) | Lithology       | Sed. Structures | Color   | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: | Date:        |
|-------------|-----------------|-----------------|---------|-------------------|----------|--|---------|---|------------|--------------|
|             |                 |                 |         |                   |          |  |         |   | Childress  | July 11 2013 |
| 0           |                 |                 |         |                   |          |  |         |   |            |              |
| 10          |                 |                 |         |                   |          |  |         |   |            |              |
| 20          |                 |                 |         |                   |          |  |         |   |            |              |
| 30          | mud w/ diatoms  |                 | 10Y 4/1 |                   |          |  |         |   |            |              |
| 40          |                 |                 |         |                   |          |  |         |   |            |              |
| 50          |                 |                 |         |                   |          |  |         | 0-90: faint black mottling                                      |            |              |
| 60          |                 |                 |         |                   |          |  |         |   |            |              |
| 70          | diatom rich mud |                 | 10Y 4/2 |                   |          |  |         |   |            |              |
| 80          |                 |                 |         |                   |          |  |         | SSB0 - diatom rich mud  |            |              |
| 90          |                 |                 |         |                   |          |  |         |   |            |              |
| 100         |                 |                 |         |                   |          | 96   |         |   |            |              |
| 110         | mud w/ diatoms  |                 | 10Y 4/1 |                   |          | 101  |         |   |            |              |
| 120         |                 |                 |         |                   |          | 113  |         |   |            |              |
| 130         |                 |                 |         |                   |          | 122  |         |   |            |              |
| 140         |                 |                 |         |                   |          | 126  |         |   |            |              |
| 150         |                 |                 |         |                   |          | 134  |         |   |            |              |
|             |                 |                 |         |                   |          | 140  |         |   |            |              |
|             |                 |                 |         |                   |          | 143  |         |   |            |              |
|             |                 |                 |         |                   |          | 146  |         |   |            |              |
|             |                 |                 |         |                   |          |  |         | 119-120: sand (former. clast?) patch                            |            |              |

Expedition 341 S. Alaska Margin: U1419 3 12H CC-A 89.50m CSF-A  
 Site: Hole: Core: Section: Top Depth:

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

| Offset (cm) | Lithology       | Sed. Structures | Color   | Drilling disturb.  | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other |  | Logged by: | Date:        |
|-------------|-----------------|-----------------|---------|--------------------|----------|--|---------|---|--|------------|--------------|
|             |                 |                 |         |                    |          |  |         |   |  | Childress  | July 11 2013 |
| 0           |                 |                 |         |                    |          |  |         |   |  |            |              |
| 10          | mud. w/ diatoms |                 | 10Y 4/1 | MOUSS-ELIKE (mod.) | none     | absent   |         |   |  |            |              |
| 12          | PAL             |                 |         |                    |          |  | PAL     |   |  |            |              |
| 17          | END             |                 |         |                    |          |  |         |   |  |            |              |
| 20          |                 |                 |         |                    |          |  |         |   |  |            |              |
| 30          |                 |                 |         |                    |          |  |         |   |  |            |              |
| 40          |                 |                 |         |                    |          |  |         |   |  |            |              |
| 50          |                 |                 |         |                    |          |  |         |   |  |            |              |
| 60          |                 |                 |         |                    |          |  |         |   |  |            |              |
| 70          |                 |                 |         |                    |          |  |         |   |  |            |              |
| 80          |                 |                 |         |                    |          |  |         |   |  |            |              |
| 90          |                 |                 |         |                    |          |  |         |   |  |            |              |
| 100         |                 |                 |         |                    |          |  |         |   |  |            |              |
| 110         |                 |                 |         |                    |          |  |         |   |  |            |              |
| 120         |                 |                 |         |                    |          |  |         |   |  |            |              |
| 130         |                 |                 |         |                    |          |  |         |   |  |            |              |
| 140         |                 |                 |         |                    |          |  |         |   |  |            |              |
| 150         |                 |                 |         |                    |          |  |         |   |  |            |              |

Expedition 341 S. Alaska Margin:

Site: 1119 Hole: 3 Core: 13H Section: 1A Top Depth: 0-148

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

| Offset (cm) | Lithology  | Sed. Structures | Color    | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date:    |
|-------------|------------|-----------------|----------|-------------------|----------|--|---------|---|---------------------|
| 0           | <u>Mud</u> |                 | <u>W</u> |                   |          |  |         |   | <u>HB, 07-11-13</u> |
| 10          | <u>Mud</u> |                 |          |                   |          |  |         |   |                     |
| 20          | <u>Mud</u> |                 |          |                   |          |  |         |   |                     |
| 30          | <u>Mud</u> |                 |          |                   |          | <u>○ ○</u>   |         | <u>2 argillite pebbles</u>                                      |                     |
| 40          |            |                 |          |                   |          |  |         |   |                     |
| 50          |            |                 |          |                   |          |  |         |   |                     |
| 60          | <u>○</u>   |                 |          |                   |          | <u>○ ○</u>   |         | <u>3cm plutonic nod in WH!</u>                                  |                     |
| 70          |            |                 |          |                   |          |  |         |   |                     |
| 80          | <u>○</u>   |                 |          |                   |          |  |         | <u>sandst. in WH</u>  |                     |
| 90          |            |                 |          |                   |          |  |         |   |                     |
| 100         |            |                 |          |                   |          |  |         |   |                     |
| 110         |            |                 |          |                   |          |  |         |   |                     |
| 120         |            |                 |          |                   |          |  |         |   |                     |
| 130         | <u>○ ○</u> |                 |          |                   |          | <u>○ ○</u>   |         | <u>2 argillite nod in WH</u>                                    |                     |
| 140         | <u>○</u>   |                 |          |                   |          | <u>○</u>   |         | <u>sandstone clast / pebble</u>                                 |                     |
| 150         |            |                 |          |                   |          |  |         |   |                     |

Expedition 341 S. Alaska Margin:

Site: U1419 Hole: 3 Core: BH Section: 2A Top Depth: 0-148

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           | und                  |                 | U4    |                   |          |  |         |   | HB, 07-11-13     |
| 10          | und<br>sand<br>clast |                 |       |                   |          |  |         |   |                  |
| 20          | ○                    |                 |       |                   |          | ○  |         | argillite pebble here   |                  |
| 30          |                      |                 |       |                   |          |  |         |   |                  |
| 40          |                      |                 |       |                   |          |  |         |   |                  |
| 50          |                      |                 |       |                   |          |  |         |   |                  |
| 60          | <>                   |                 |       |                   |          | <>   |         | basalt pebble in BH!  |                  |
| 70          |                      |                 |       |                   |          |  |         |   |                  |
| 80          |                      |                 |       |                   |          |  |         |   |                  |
| 90          |                      |                 |       |                   |          |  |         |   |                  |
| 100         |                      |                 |       |                   |          |  |         |   |                  |
| 110         |                      |                 |       |                   |          |  |         |   |                  |
| 120         | ○<br><>              |                 |       |                   |          | ○<br><>  |         | shell fragment<br>sandst in BH!                                 |                  |
| 130         |                      |                 |       |                   |          |  |         |   |                  |
| 140         |                      |                 |       |                   |          |  |         |   |                  |
| 150         |                      |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 11419 Hole: 3 Core: 134 Section: 3A Top Depth: 0-143

Major Lithology: mud Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples          | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|------------------|---|------------------|
| 0           | mud       |                 | 114   |                   |          |  |                  |   | BB.07-11-13      |
| 10          | dark      |                 |       |                   |          |  |                  |   |                  |
| 20          |           |                 |       |                   |          | 0  | argillite pebble |   |                  |
| 30          |           |                 |       |                   |          |  |                  |   |                  |
| 40          |           |                 |       |                   |          |  |                  |   |                  |
| 50          |           |                 |       |                   |          |  |                  |   |                  |
| 60          |           |                 |       |                   |          | 0  | sdst. pebble     |   |                  |
| 70          |           |                 |       |                   |          |  |                  |   |                  |
| 80          |           |                 |       |                   |          |  |                  |   |                  |
| 90          |           |                 |       |                   |          |  |                  |   |                  |
| 100         |           |                 |       |                   |          |  |                  |   |                  |
| 110         |           |                 |       |                   |          |  |                  |   |                  |
| 120         |           |                 |       |                   |          |  |                  |   |                  |
| 130         |           |                 |       |                   |          |  |                  |   |                  |
| 140         |           |                 |       |                   |          |  |                  |   |                  |
| 150         |           |                 |       |                   |          |  |                  |   |                  |

Expedition 341 S. Alaska Margin:

Site: 40419 B Hole: 14H Core: 1 Section: 0-145cm Top Depth:

Major Lithology: Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples  | Core Description: comments, contacts, recommended photos, other                    | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|----------|--|------------------|
| 0           |           |                 |       |                   |          |  |          | 0-105cm: clast-rich diamict<br>coarse sand to 2cm pebbles<br><del>clayey</del> mud | JM 12.7.13       |
| 10          |           |                 |       |                   |          |  |          |  |                  |
| 20          |           |                 |       | /                 | 0        |  |          |  |                  |
| 30          |           |                 |       |                   |          |  |          |  |                  |
| 40          |           |                 | N4    |                   |          |  |          | clasts include: siltstones, granitoids,<br>sandstones, greenstones                 |                  |
| 50          |           |                 |       |                   |          |  | SS (51)  | mud  |                  |
| 60          |           |                 |       |                   |          |  |          |  |                  |
| 70          |           |                 |       | /                 | 0        |  |          |  |                  |
| 80          |           |                 |       |                   |          |  |          |  |                  |
| 90          |           |                 |       |                   |          |  |          |  |                  |
| 100         |           |                 |       |                   |          |  |          |  |                  |
| 110         |           |                 |       |                   |          |  |          | 105-145cm: clast-poor diamict<br>coarse sand to 0.5cm pebbles                      |                  |
| 120         |           |                 |       |                   |          |  | SS (120) | Silty mud  |                  |
| 130         |           |                 | N4    | /                 | 0        |  |          |  |                  |
| 140         |           |                 |       |                   |          |  |          |  |                  |
| 150         |           |                 |       |                   |          |  |          |  |                  |



Expedition 341 S. Alaska Margin:

Site: U1419 B Hole: 144 Core: 2A Top Depth: 0-145cm

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

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb.          | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other                     | Logged by: Date: |
|-------------|-----------|-----------------|-------|----------------------------|----------|--|---------|---|------------------|
| 0           |           |                 |       |                            |          |  |         | 0-53cm: mud interbedded with distinct laminar (or clast-poor diamict) - <u>11cm</u> | JM 12.7.13       |
| 10          |           |                 |       |                            |          |  |         | med to coarse sand, 0.5cm pebbles   |                  |
| 20          |           |                 |       |                            | /        |  |         |   |                  |
| 30          |           |                 | N4    | disturbance siltst to med. |          |  |         | clast-poor diamict (53-82cm)  |                  |
| 40          |           |                 |       |                            |          |  |         | 20-53cm: strong (Abrasive) drilling disturbance                                     |                  |
| 50          |           |                 |       |                            |          |  |         |   |                  |
| 60          |           |                 |       |                            |          |  |         |   |                  |
| 70          |           |                 |       |                            | /        |  |         | light gray = fine (clayey)  |                  |
| 80          |           |                 |       |                            |          |  |         | dark gray = med v. sand, some opag. ss (81) ↑                                       |                  |
| 90          |           |                 |       |                            |          |  |         | 82-145cm clast-rich diamict   |                  |
| 100         |           |                 |       |                            |          |  |         | clasts: siltstone, quartz-bearing siltst. ? granitoids (coarse sand to 3cm pebbles) |                  |
| 110         |           |                 | N3    | very siltst bedding        |          |  |         | lighter color bands @ 84, 97, 118cm   |                  |
| 120         |           |                 |       |                            | /        |  |         |   |                  |
| 130         |           |                 |       |                            |          |  |         |   |                  |
| 140         |           |                 |       |                            |          |  |         |   |                  |
| 150         |           |                 |       |                            |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: B Core: 14H Section: 3 Top Depth: 0-100cm

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           |           |                           |       |                   |          |  |         |   | JH 12.7.13       |
| 10          |           |                           |       |                   |          |  |         | med. to bedded with diam. of laminae (~1cm thick)               |                  |
| 20          |           |                           |       |                   | 0        |  |         |   |                  |
| 30          |           |                           |       |                   |          |  |         |   |                  |
| 40          |           |                           | N4    |                   |          |  |         |   |                  |
| 50          |           | very subtle color banding |       |                   |          |  |         |   |                  |
| 60          |           |                           |       |                   |          |  |         |   |                  |
| 70          |           |                           |       |                   | 0        |  |         |   |                  |
| 80          |           |                           |       |                   |          |  |         |   |                  |
| 90          |           |                           |       | (slight swirling) | 0        |  |         |   |                  |
| 100         |           |                           |       |                   |          |  |         |   |                  |
| 110         |           |                           |       |                   |          |  |         |   |                  |
| 120         |           |                           |       |                   |          |  |         |   |                  |
| 130         |           |                           |       |                   |          |  |         |   |                  |
| 140         |           |                           |       |                   |          |  |         |   |                  |
| 150         |           |                           |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 B Hole: 144 Section: 4 Top Depth: 0-65cm

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           |           |                 |       |                    |          |  |             |   | JM 12.7.13       |
| 10          |           |                 |       |                    | 0        |  |             | mud with common clasts<br>(~ fine sand to 0.5 pebbles)          |                  |
| 20          |           |                 |       |                    |          |  |             |   |                  |
| 30          |           |                 | M4    | very slight boring |          |  |             |   |                  |
| 40          |           |                 |       |                    | 0        |  |             |   |                  |
| 50          |           |                 |       |                    |          |  | (S)<br>(SS) | → mud   |                  |
| 60          |           |                 |       |                    |          |  |             |   |                  |
| 70          |           |                 |       |                    |          |  |             |   |                  |
| 80          |           |                 |       |                    |          |  |             |   |                  |
| 90          |           |                 |       |                    |          |  |             |   |                  |
| 100         |           |                 |       |                    |          |  |             |   |                  |
| 110         |           |                 |       |                    |          |  |             |   |                  |
| 120         |           |                 |       |                    |          |  |             |   |                  |
| 130         |           |                 |       |                    |          |  |             |   |                  |
| 140         |           |                 |       |                    |          |  |             |   |                  |
| 150         |           |                 |       |                    |          |  |             |   |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: B Core: 14 H Section: CC Top Depth: 0-18

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           |           |                 |       |                   |          |  |         |   | Jh 12.7.13       |
| 10          |           |                 | N4    | /                 | /        |  |         | sandy mud with dispersed clasts (0.3-1cm)                       |                  |
| 20          | PAL       |                 |       |                   |          |  | 18-23   |   |                  |
| 30          |           |                 |       |                   |          |  |         |   |                  |
| 40          |           |                 |       |                   |          |  |         |   |                  |
| 50          |           |                 |       |                   |          |  |         |   |                  |
| 60          |           |                 |       |                   |          |  |         |   |                  |
| 70          |           |                 |       |                   |          |  |         |   |                  |
| 80          |           |                 |       |                   |          |  |         |   |                  |
| 90          |           |                 |       |                   |          |  |         |   |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         |           |                 |       |                   |          |  |         |   |                  |
| 120         |           |                 |       |                   |          |  |         |   |                  |
| 130         |           |                 |       |                   |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

U1419

B

15H

1A

0-145

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology:

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other  | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|--|------------------|
| 0           |           |                 | N4    |                   |          |  |         | 0-13   | KF 12/Jul/13     |
| 10          |           |                 |       | fall in core      |          |  |         | * mud with dispersed clast<br>* two brown siltstone  |                  |
| 20          |           |                 |       |                   |          |  |         | 13-85  |                  |
| 30          |           |                 |       |                   |          |  |         | * clast-poor muddy diamict with sand; mostly granules; rel. few pebbles  |                  |
| 40          |           |                 |       |                   |          |  |         | * gradational lower boundary   |                  |
| 50          |           |                 |       |                   |          |  |         | 85-143.5   |                  |
| 60          |           |                 |       |                   |          |  |         | * clast-rich muddy diamict with sand   |                  |
| 70          |           |                 |       |                   |          |  |         | * more pebbles than clast-poor diamict   |                  |
| 80          |           |                 |       |                   |          |  |         |  |                  |
| 90          |           |                 |       |                   |          |  |         |  |                  |
| 100         |           |                 |       |                   |          |  |         | ss-100 mud with gravel (5%)  |                  |
| 110         |           |                 |       |                   |          |  |         |  |                  |
| 120         |           |                 |       |                   |          |  |         | <u>Clasts:</u>   |                  |
| 130         |           |                 |       |                   |          |  |         | * siltstone, greenstone, milk quartz, greywacke; meta-sediment with quartz veins, altered red/green basalt; granitoid; feldspar; red/brown chert; black shale (breaking apart) |                  |
| 140         |           |                 |       |                   |          |  |         |  |                  |
| 150         |           |                 |       |                   |          |  |         |  |                  |

Expedition 341 S. Alaska Margin:

U1419 B 15H 2A 0-145  
 Site: Hole: Core: Section: Top Depth:

Major Lithology: .....

Minor Lithology: .....

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           |           |                 | N4    |                   |          |  |         | 0-15.5  | MF 12/jul/13     |
| 10          |           |                 |       |                   |          |  |         | * clast - rich muddy diamid                                     |                  |
| 20          |           |                 |       |                   |          |  |         | 15.5-132  |                  |
| 30          |           |                 |       |                   |          |  |         | * clast - poor muddy diamid                                     |                  |
| 40          |           |                 |       |                   |          |  |         | patch with clast → iceberg dump?                                |                  |
| 50          |           |                 |       |                   |          |  |         | 132-141   |                  |
| 60          |           |                 |       |                   |          |  |         | p. clast - rich muddy diamid                                    |                  |
| 70          |           |                 |       |                   |          |  |         | 141-145   |                  |
| 80          |           |                 |       |                   |          |  |         | * clast - poor muddy diamid                                     |                  |
| 90          |           |                 |       |                   |          |  |         |   |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         |           |                 |       |                   |          |  |         |   |                  |
| 120         |           |                 |       |                   |          |  |         |   |                  |
| 130         |           |                 |       |                   |          |  |         | SS 123: mud with sand (60%)                                     |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

U 1419 B 15H 3A 0-109  
 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           |           |                 | U4      |                   |          |  |         | 0-20   | MF 12/Jul/13     |
| 10          |           |                 |         |                   |          |  |         | * clast-poor diatom  |                  |
| 20          |           |                 |         |                   |          |  |         | SS 12: mud with sponge spicules  |                  |
| 30          |           |                 |         |                   |          |  |         | 20-83  |                  |
| 40          |           |                 |         |                   |          |  |         | * clast-net diamid   |                  |
| 50          |           |                 |         |                   |          |  |         | * partly diatom mud;<br>83-109   |                  |
| 60          |           |                 |         |                   |          |  |         | * laminated diatom ooze;<br>* clasts absent below ~105;<br>clast-poor above                  |                  |
| 70          |           |                 |         |                   |          |  |         | * gradational upper & lower foraminifera<br>* lamination below ~98cm (well developed; mb-mm) |                  |
| 80          |           |                 | 10y 4/1 |                   |          |  |         | SC 74: diatom net mud  |                  |
| 90          |           |                 | 10y 4/1 |                   |          |  |         |  |                  |
| 100         |           |                 |         |                   |          |  |         |  |                  |
| 110         |           |                 |         |                   |          |  |         | SS 106: diatom ooze with nano-forams & forams; no sand                                       |                  |
| 120         |           |                 |         |                   |          |  |         |  |                  |
| 130         |           |                 |         |                   |          |  |         |  |                  |
| 140         |           |                 |         |                   |          |  |         |  |                  |
| 150         |           |                 |         |                   |          |  |         |  |                  |

Expedition 341 S. Alaska Margin:

U1419 B 15H 4A 0-67  
 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           | ooze      |                 | gray  |                   |          |  |         |   | MF 12/Jul/13     |
| 10          |           |                 | N4    |                   |          |  |         | 0-9<br>* laminated diatom ooze with nanofossils & forams        |                  |
| 20          |           |                 |       |                   |          |  |         | 9-26:<br>* clay-poor diamic, muddy                              |                  |
| 30          |           |                 |       |                   |          |  |         |   |                  |
| 40          |           |                 |       |                   |          |  |         |   |                  |
| 50          |           |                 |       |                   |          |  |         | 5545: mud   |                  |
| 60          |           |                 |       |                   |          |  |         | 26-67<br>* clay-rich muddy diamic                               |                  |
| 70          |           |                 |       |                   |          |  |         |   |                  |
| 80          |           |                 |       |                   |          |  |         |   |                  |
| 90          |           |                 |       |                   |          |  |         |   |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         |           |                 |       |                   |          |  |         |   |                  |
| 120         |           |                 |       |                   |          |  |         |   |                  |
| 130         |           |                 |       |                   |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |



Expedition 341 S. Alaska Margin:

Site: U1419 Hole: B Core: 15H Section: CC Top Depth: 0-30

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          |           |                 |       |                   |          |  |                         | <u>0-25</u><br>† clast - with muddy diamict                     |                  |
| 20          |           |                 |       |                   |          |  |                         |   |                  |
| 30          |           |                 |       |                   |          |  | <u>PAL</u> <u>25-30</u> |   |                  |
| 40          |           |                 |       |                   |          |  |                         |   |                  |
| 50          |           |                 |       |                   |          |  |                         |   |                  |
| 60          |           |                 |       |                   |          |  |                         |   |                  |
| 70          |           |                 |       |                   |          |  |                         |   |                  |
| 80          |           |                 |       |                   |          |  |                         |   |                  |
| 90          |           |                 |       |                   |          |  |                         |   |                  |
| 100         |           |                 |       |                   |          |  |                         |   |                  |
| 110         |           |                 |       |                   |          |  |                         |   |                  |
| 120         |           |                 |       |                   |          |  |                         |   |                  |
| 130         |           |                 |       |                   |          |  |                         |   |                  |
| 140         |           |                 |       |                   |          |  |                         |   |                  |
| 150         |           |                 |       |                   |          |  |                         |   |                  |

Expedition 341 S. Alaska Margin:

U1419

B

16H

1

0-146cm

Site:

Hole:

Core:

Section:

Top Depth:

Major Lithology: Diaict

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other  | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|--|------------------|
| 0           |           |                 |       | ↑                 |          |  |         | 0-17cm: <u>Porphy?</u> , nice 5x4cm rocks (black siltstone, greenstone? with feldspars), high drilling disturbance | JM 12.7.13       |
| 10          |           |                 |       | ↑                 |          |  |         | 17-38cm: twisted/sheared and <sup>soft/</sup> <sub>dec.</sub> drilling disturbance                                 |                  |
| 20          |           | N4              |       | ↑                 |          |  |         | 38-70cm: clast-rich diaict   |                  |
| 30          |           |                 |       | ↑                 |          |  |         | clasts: black siltstone, granite, sandstone, quartz, greenstone, gneiss  |                  |
| 40          |           |                 |       | ↑                 |          |  |         | → granules to pebbles (1cm, or even 3cm)   |                  |
| 50          |           |                 |       | ↑                 |          |  |         | 70-80cm: clast-poor diaict (granules to 0.5cm pebbles)   |                  |
| 60          |           |                 |       | ↑                 |          |  |         | → mud  |                  |
| 70          |           |                 |       | ↑                 |          |  |         | 80-100cm: clast-rich diaict  |                  |
| 80          |           |                 |       | ↑                 |          |  |         | 100-117cm: clast-poor diaict   |                  |
| 90          |           |                 |       | ↑                 |          |  |         | 117-146cm: clast-rich diaict   |                  |
| 100         |           |                 |       | ↑                 |          |  |         |  |                  |
| 110         |           |                 |       | ↑                 |          |  |         |  |                  |
| 120         |           |                 |       | ↑                 |          |  |         |  |                  |
| 130         |           |                 |       | ↑                 |          |  |         |  |                  |
| 140         |           |                 |       | ↑                 |          |  |         |  |                  |
| 150         |           |                 |       | ↑                 |          |  |         |  |                  |

Expedition 341 S. Alaska Margin:

Site: 47419 Hole: B Core: 16H Section: 2 Top Depth: 0-146

Major Lithology: Diarict Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           |           |                 |       |                   |          |  |         | 0-9 cm: clast-rich diarict                                      | JM 12.7.13       |
| 10          |           |                 |       |                   | 0        |  |         | 9-36 cm: clast-poor diarict                                     |                  |
| 20          |           |                 |       |                   |          |  |         |   |                  |
| 30          |           |                 | N4    | /                 |          |  |         |   |                  |
| 40          |           |                 |       |                   |          |  |         | 36-47 cm: clast-rich diarict                                    |                  |
| 50          |           |                 |       |                   |          |  |         | 47-85 cm: clast-poor diarict                                    |                  |
| 60          |           |                 |       |                   | 0        |  |         |   |                  |
| 70          |           |                 | N4    | /                 |          |  |         |   |                  |
| 80          |           |                 |       |                   |          |  |         |   |                  |
| 90          |           |                 |       |                   |          |  |         | 85-103 cm: clast-rich diarict                                   |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         |           |                 |       |                   |          |  |         | 103-145 cm: clast-poor diarict                                  |                  |
| 120         |           |                 |       |                   | 0        |  |         |   |                  |
| 130         |           |                 | N4    | /                 |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |

for clast lithology & size see section 7

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: B Core: 16H Section: 3 Top Depth: 0-100cm

Major Lithology: Diatomite

Minor Lithology:

| Offset (cm) | Lithology   | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other       | Logged by: Date: |
|-------------|-------------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           |             |                 | N4    |                   |          |  |         | 0-8cm = clast-poor diatomite  | JM 12.7.13       |
| 10          |             |                 |       |                   | /        |  |         | 8-100cm = sandy clast-rich diatomite with sandy mud laminae (0.5-1cm) |                  |
| 20          |             |                 |       |                   |          |  |         |   |                  |
| 30          |             |                 |       |                   |          |  |         |   |                  |
| 40          |             |                 |       |                   |          |  |         | > for clast lithology & size see Sect. 1                              |                  |
| 50          | guess       |                 | N4    | slight bowing     | /        |  |         |   |                  |
| 60          |             |                 |       |                   |          |  |         |   |                  |
| 70          |             |                 |       |                   |          |  |         |   |                  |
| 80          | green shale |                 |       |                   | /        |  |         |   |                  |
| 90          |             |                 |       |                   |          |  |         |   |                  |
| 100         |             |                 |       |                   |          |  |         |   |                  |
| 110         |             |                 |       |                   |          |  |         |   |                  |
| 120         |             |                 |       |                   |          |  |         |   |                  |
| 130         |             |                 |       |                   |          |  |         |   |                  |
| 140         |             |                 |       |                   |          |  |         |   |                  |
| 150         |             |                 |       |                   |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 B Hole: 16H Core: 4 Section: 0-61cm Top Depth:

Major Lithology: Diamicton Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples      | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|--------------|---|------------------|
| 0           |           |                 |       |                   |          |  |              |   | JM 12.7.13       |
| 10          |           |                 | N4    |                   | ✓        |  | SS (11) (12) | sandy, clast-rich diamicton with lighter and laminae (~0.5-1cm) |                  |
| 20          |           |                 |       | slight bowing     | ✓        |  |              | → mud with sand (surrounded brown glass → trace)                |                  |
| 30          |           |                 |       |                   |          |  |              | → less silt = just mud  |                  |
| 40          |           |                 | N4    |                   |          |  |              |   |                  |
| 50          |           |                 |       |                   | ✓        |  |              |   |                  |
| 60          |           |                 |       |                   |          |  |              |   |                  |
| 70          |           |                 |       |                   |          |  |              |   |                  |
| 80          |           |                 |       |                   |          |  |              |   |                  |
| 90          |           |                 |       |                   |          |  |              |   |                  |
| 100         |           |                 |       |                   |          |  |              |   |                  |
| 110         |           |                 |       |                   |          |  |              |   |                  |
| 120         |           |                 |       |                   |          |  |              |   |                  |
| 130         |           |                 |       |                   |          |  |              |   |                  |
| 140         |           |                 |       |                   |          |  |              |   |                  |
| 150         |           |                 |       |                   |          |  |              |   |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: B Core: 16H Section: CC Top Depth: 0-27

Major Lithology: Diatom Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples  | Core Description: comments, contacts, recommended photos, other                        | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|----------|--|------------------|
| 0           |           |                 |       |                   |          |  |          |  | JM 12.7.13       |
| 10          |           |                 | N4    | N                 | 0        |  |          | sandy clast-rich diatom (mainly small pebbles (< 0.6 cm) grad @ 11cm (underneath det)) |                  |
| 30          | PAL       |                 |       |                   |          |  | 27<br>32 |  |                  |
| 40          |           |                 |       |                   |          |  |          |  |                  |
| 50          |           |                 |       |                   |          |  |          |  |                  |
| 60          |           |                 |       |                   |          |  |          |  |                  |
| 70          |           |                 |       |                   |          |  |          |  |                  |
| 80          |           |                 |       |                   |          |  |          |  |                  |
| 90          |           |                 |       |                   |          |  |          |  |                  |
| 100         |           |                 |       |                   |          |  |          |  |                  |
| 110         |           |                 |       |                   |          |  |          |  |                  |
| 120         |           |                 |       |                   |          |  |          |  |                  |
| 130         |           |                 |       |                   |          |  |          |  |                  |
| 140         |           |                 |       |                   |          |  |          |  |                  |
| 150         |           |                 |       |                   |          |  |          |  |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: B Core: 19H Section: 1 Top Depth: 0-150cm

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           |           |                 |       | Grady slight      |          |  |         | 0-98cm: massive, slightly color banded (laminated?) mud with some clasts (randomly dispersed). | JM 12.7.13       |
| 10          |           |                 |       |                   | ○        |  |         |  |                  |
| 20          |           |                 |       |                   |          |  |         |  |                  |
| 30          |           |                 |       | /                 |          |  |         |  |                  |
| 40          |           |                 | N4    |                   |          |  | SS (40) | → mud  |                  |
| 50          |           |                 |       |                   |          |  |         |  |                  |
| 60          |           |                 |       |                   | ○        |  |         |  |                  |
| 70          |           |                 |       | /                 |          |  |         | big (6x5cm) siltstone with quartz veins  |                  |
| 80          |           |                 |       |                   |          |  |         | 79-90cm: waste sand granules, siltstone / gray/blue lithic grains                              |                  |
| 90          |           |                 |       |                   |          |  |         |  |                  |
| 100         |           |                 |       |                   |          |  |         | 98-151cm clast-rich diacid   |                  |
| 110         |           |                 |       |                   |          |  |         | clasts: siltstone, siltstone with quartz veins, sandstone, granitoid                           |                  |
| 120         |           |                 |       | /                 | ○        |  |         | interesting clast @ 115cm (green with gray spots)  |                  |
| 130         |           |                 | N4    | /                 |          |  |         | ! lighter mud calcare  |                  |
| 140         |           |                 |       |                   |          |  |         |  |                  |
| 150         |           |                 |       |                   |          |  |         |  |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 B Hole: 19A Section: 2 Top Depth: 0-112

Major Lithology: Diagenesis Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other    | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|--|------------------|
| 0           |           |                 |       |                   |          |  |         |  | JM 12.7.13       |
| 10          |           |                 |       |                   | 0        |  |         | 0-112 = clast-rich diagenetic clasts: granules to pebbles (3-)     |                  |
| 20          |           |                 |       | /                 |          |  |         | black meta siltstones, greenstone, granitoids, sandstones, diorite |                  |
| 30          |           |                 |       |                   |          |  |         |  |                  |
| 40          |           |                 | N4    |                   | 0        |  |         |  |                  |
| 50          |           |                 |       |                   |          |  |         |  |                  |
| 60          |           |                 |       | /                 |          |  |         |  |                  |
| 70          |           |                 |       |                   |          |  |         |  |                  |
| 80          |           |                 |       |                   | 0        |  |         |  |                  |
| 90          |           |                 |       | /                 |          |  |         |  |                  |
| 100         |           |                 |       | /                 |          |  | ss (J8) | hard   |                  |
| 110         |           |                 |       |                   |          |  |         |  |                  |
| 120         |           |                 |       |                   |          |  |         |  |                  |
| 130         |           |                 |       |                   |          |  |         |  |                  |
| 140         |           |                 |       |                   |          |  |         |  |                  |
| 150         |           |                 |       |                   |          |  |         |  |                  |



Expedition 341 S. Alaska Margin:

Site: 41419 Hole: B Core: 19H Section: 3 Top Depth: 0-57cm

Major Lithology: Diarict

Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|------------------|----------|--|---------|---|------------------|
| 0           |           |                 |       |                  |          |  |         | 0-38cm: clast-rich diarict<br>→ same clast lithology as above   | JM 12.7.13       |
| 10          |           |                 |       |                  | 0        |  |         |   |                  |
| 20          |           |                 | N4    | /                |          |  |         |   |                  |
| 30          |           |                 |       |                  |          |  |         |   |                  |
| 40          |           |                 |       |                  | 0        |  |         | 38-57cm: clast-poor diarict                                     |                  |
| 50          |           |                 | N4    | /                |          |  | SS (50) | → med   |                  |
| 60          |           |                 |       |                  |          |  |         |   |                  |
| 70          |           |                 |       |                  |          |  |         |   |                  |
| 80          |           |                 |       |                  |          |  |         |   |                  |
| 90          |           |                 |       |                  |          |  |         |   |                  |
| 100         |           |                 |       |                  |          |  |         |   |                  |
| 110         |           |                 |       |                  |          |  |         |   |                  |
| 120         |           |                 |       |                  |          |  |         |   |                  |
| 130         |           |                 |       |                  |          |  |         |   |                  |
| 140         |           |                 |       |                  |          |  |         |   |                  |
| 150         |           |                 |       |                  |          |  |         |   |                  |

Expedition 341 S. Alaska Margin:

Site: 41419 Hole: B Core: 19H Section: CA Top Depth: 0-20cm

Major Lithology: Diarid Minor Lithology:

| Offset (cm) | Lithology | Sed. Structures | Color | Drilling disturb. | Bioturb. | Accessories: (i.e. - shells, worm tubes, clasts, etc.) | Samples | Core Description: comments, contacts, recommended photos, other | Logged by: Date: |
|-------------|-----------|-----------------|-------|-------------------|----------|--|---------|---|------------------|
| 0           |           |                 |       |                   |          |  |         |   | JH 12-26-13      |
| 10          |           |                 | N4    | /                 | 0        |  |         | clast-poor diarid (see above sections)                          |                  |
| 20          |           |                 |       |                   |          |  |         |   |                  |
| 25          | DAL       |                 |       |                   |          |  |         |   |                  |
| 30          |           |                 |       |                   |          |  |         |   |                  |
| 40          |           |                 |       |                   |          |  |         |   |                  |
| 50          |           |                 |       |                   |          |  |         |   |                  |
| 60          |           |                 |       |                   |          |  |         |   |                  |
| 70          |           |                 |       |                   |          |  |         |   |                  |
| 80          |           |                 |       |                   |          |  |         |   |                  |
| 90          |           |                 |       |                   |          |  |         |   |                  |
| 100         |           |                 |       |                   |          |  |         |   |                  |
| 110         |           |                 |       |                   |          |  |         |   |                  |
| 120         |           |                 |       |                   |          |  |         |   |                  |
| 130         |           |                 |       |                   |          |  |         |   |                  |
| 140         |           |                 |       |                   |          |  |         |   |                  |
| 150         |           |                 |       |                   |          |  |         |   |                  |