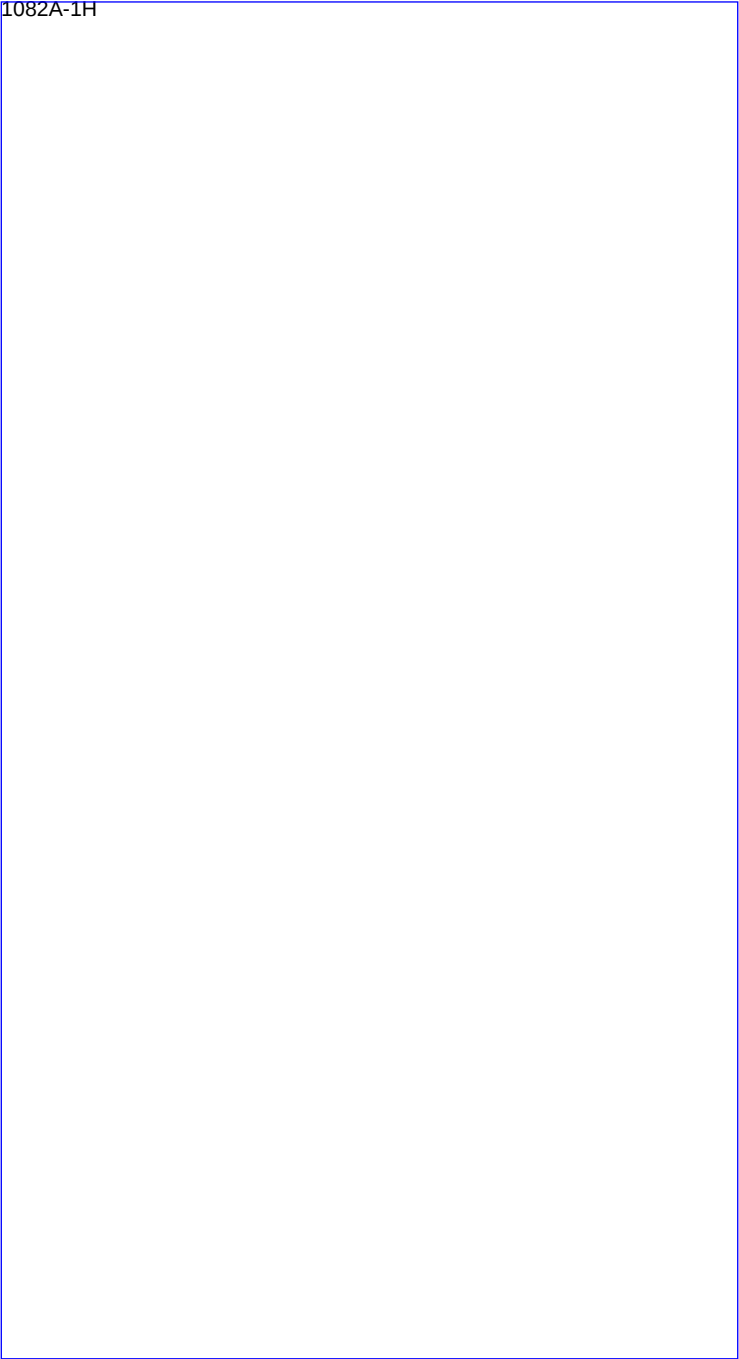
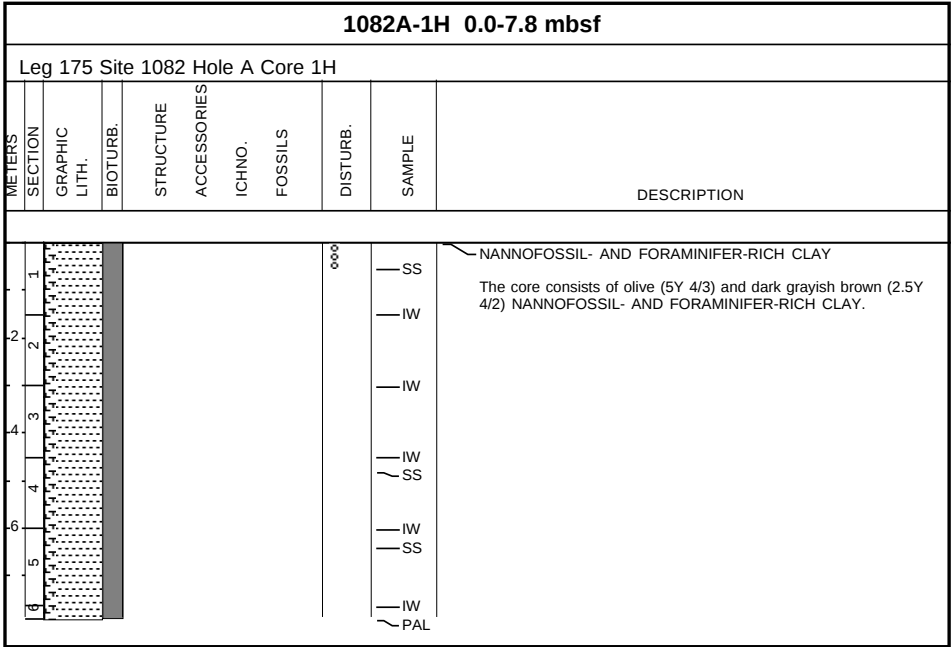
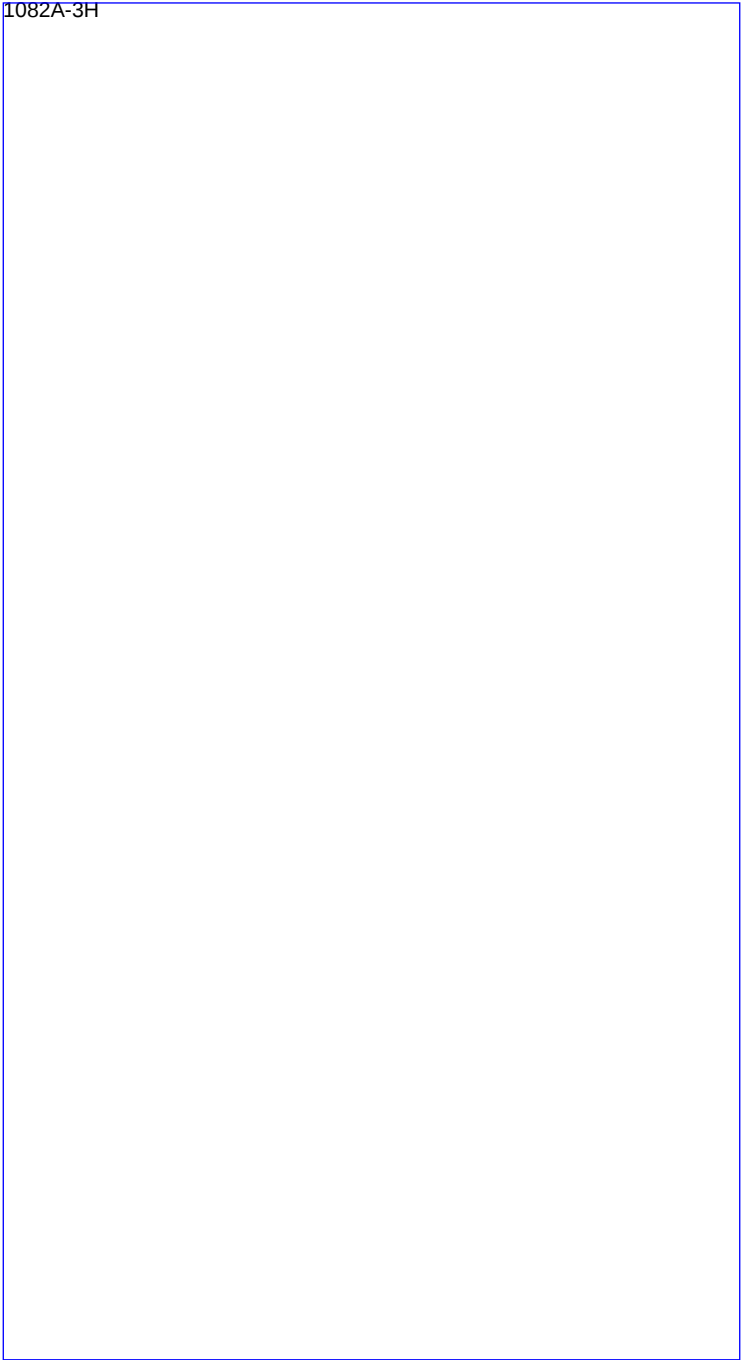
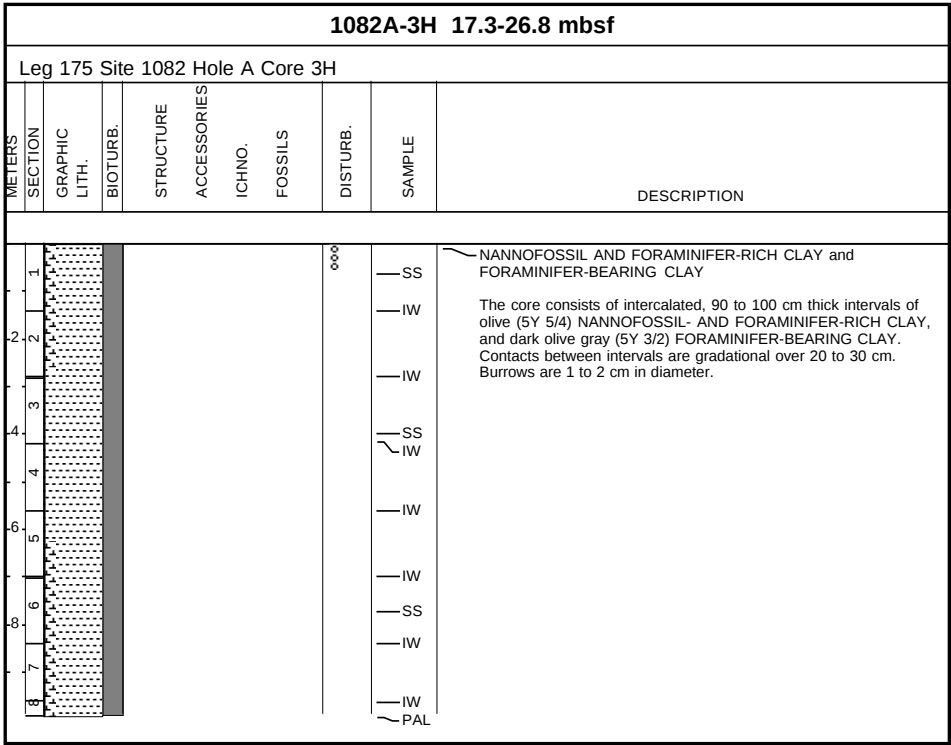




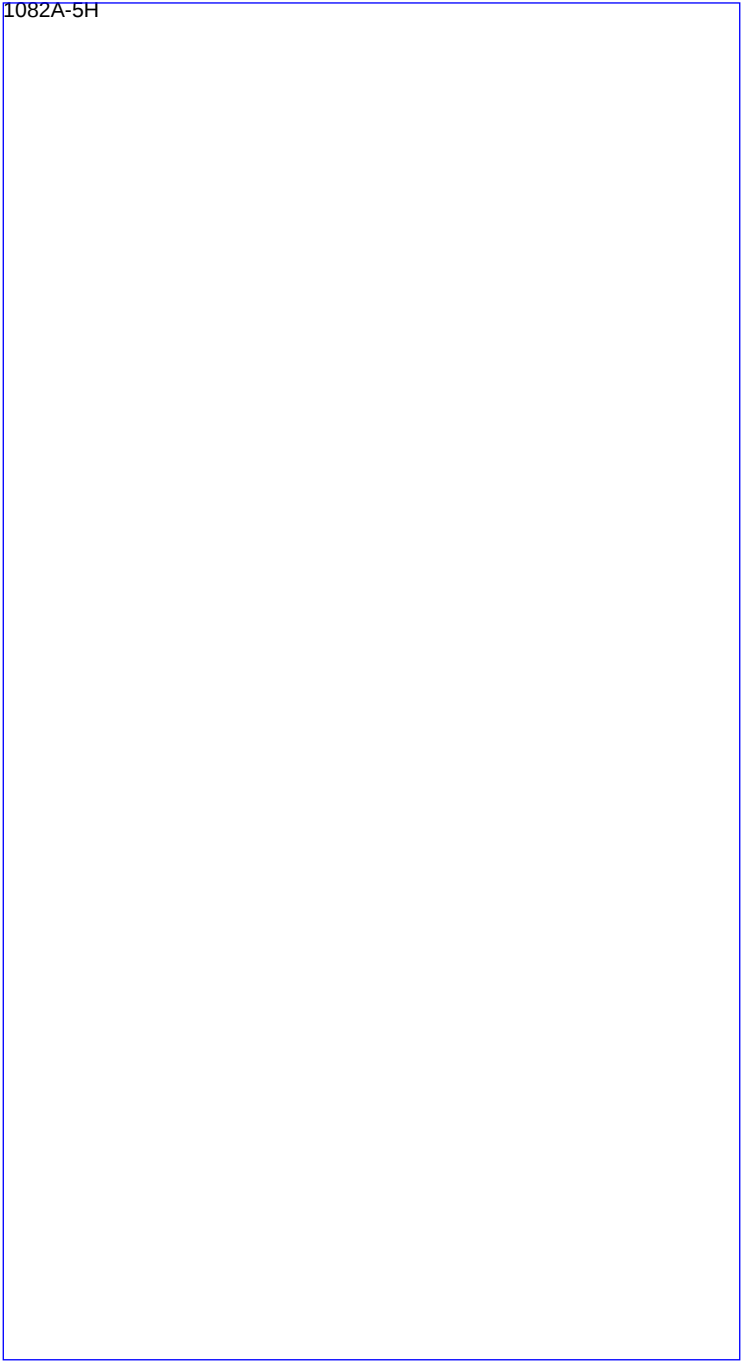
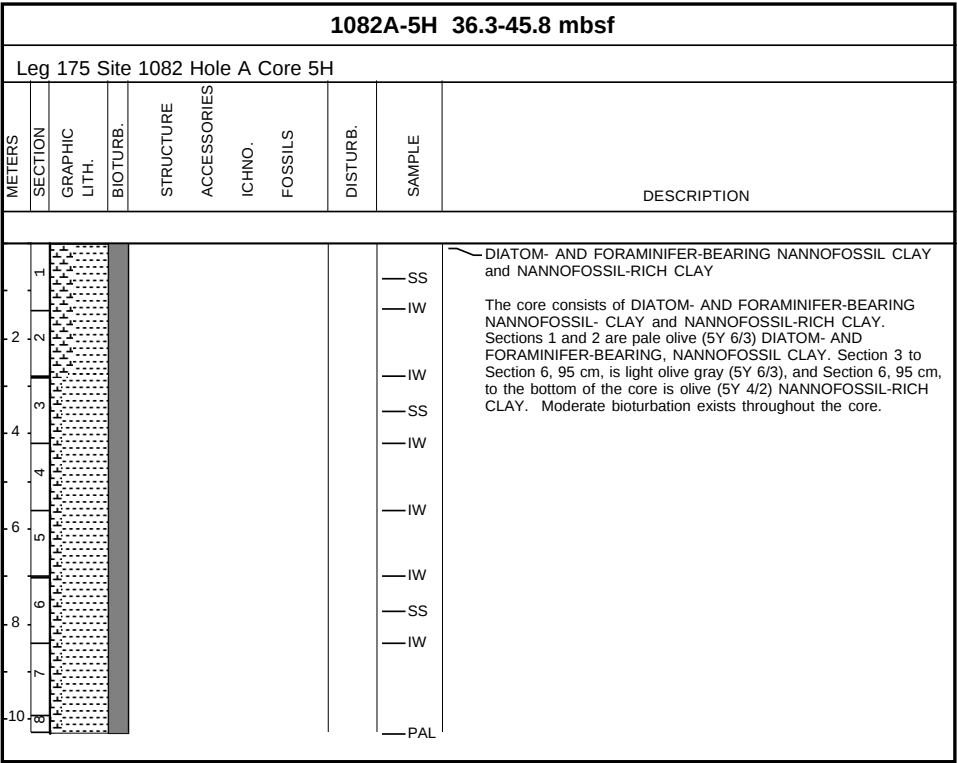
| 1082A-2H 7.8-17.3 mbsf           |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 2H |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| METERS                           | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1                                |         |               |          |           |             |        |         |          |        | <p>NANNOFOSSIL- AND FORAMINIFER-BEARING CLAY and FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY</p> <p>The core consists of dark olive (5Y 3/2) NANNOFOSSIL- AND FORAMINIFER-BEARING CLAY and olive (5Y 5/3) FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY. Intercalated units of dark olive gray and olive, 70 to 100 cm wide, have gradational contacts of 20 to 30 cm. Moderate bioturbation exists throughout the core. Burrows are 1 to 2 cm in diameter.</p> |
| 2                                |         |               |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3                                |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 4                                |         |               |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 5                                |         |               |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 6                                |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 7                                |         |               |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 8                                |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                  |         |               |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                  |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |





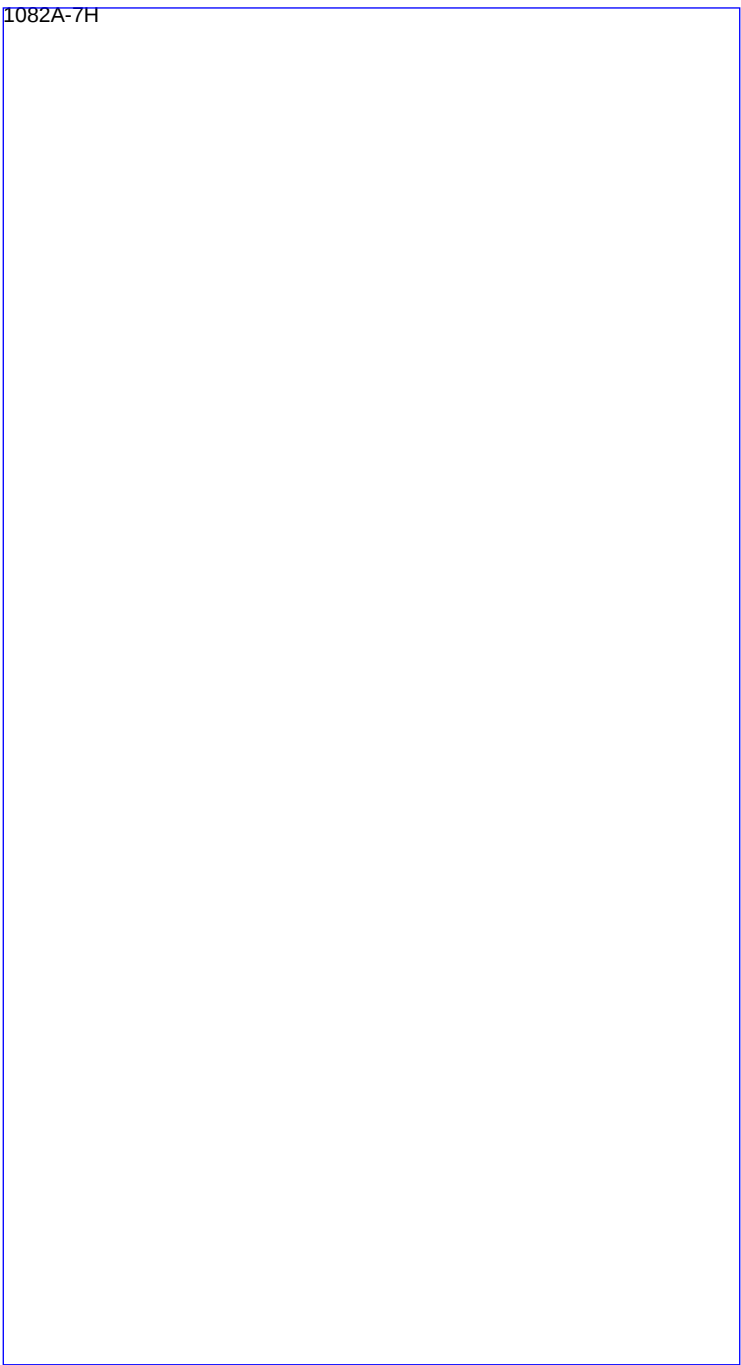
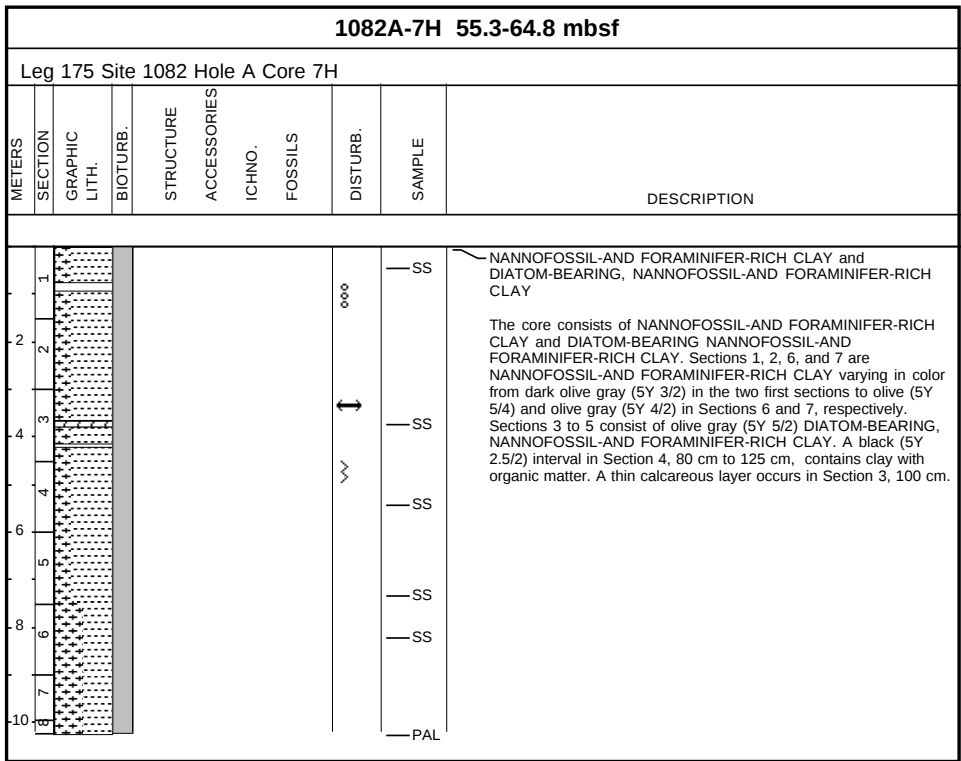
| 1082A-4H 26.8-36.3 mbsf          |         |               |          |           |             |        |         |          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 4H |         |               |          |           |             |        |         |          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| METERS                           | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE    | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1                                |         |               |          |           |             |        |         |          |           | <p>NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and NANNOFOSSIL-BEARING, FORAMINIFER-RICH CLAY</p> <p>The core consists of olive (5Y 5/4), NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and dark olive gray (5Y 3/2), NANNOFOSSIL-BEARING, FORAMINIFER-RICH CLAY. Dark olive gray sediments are present in Section 1, 84-150 cm, and Section 4, 113-150 cm, and the core catcher. Moderate bioturbation exists throughout the core. Burrows are 1 to 2 cm in diameter.</p> |
| 2                                |         |               |          |           |             |        |         |          | SS<br>IW  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3                                |         |               |          |           |             |        |         |          | IW<br>SS  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4                                |         |               |          |           |             |        |         |          | IW        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 5                                |         |               |          |           |             |        |         |          | IW        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 6                                |         |               |          |           |             |        |         |          | IW        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7                                |         |               |          |           |             |        |         |          | SS<br>IW  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 8                                |         |               |          |           |             |        |         |          | IW        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 9                                |         |               |          |           |             |        |         |          | IW        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 10                               |         |               |          |           |             |        |         |          | IW<br>PAL |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

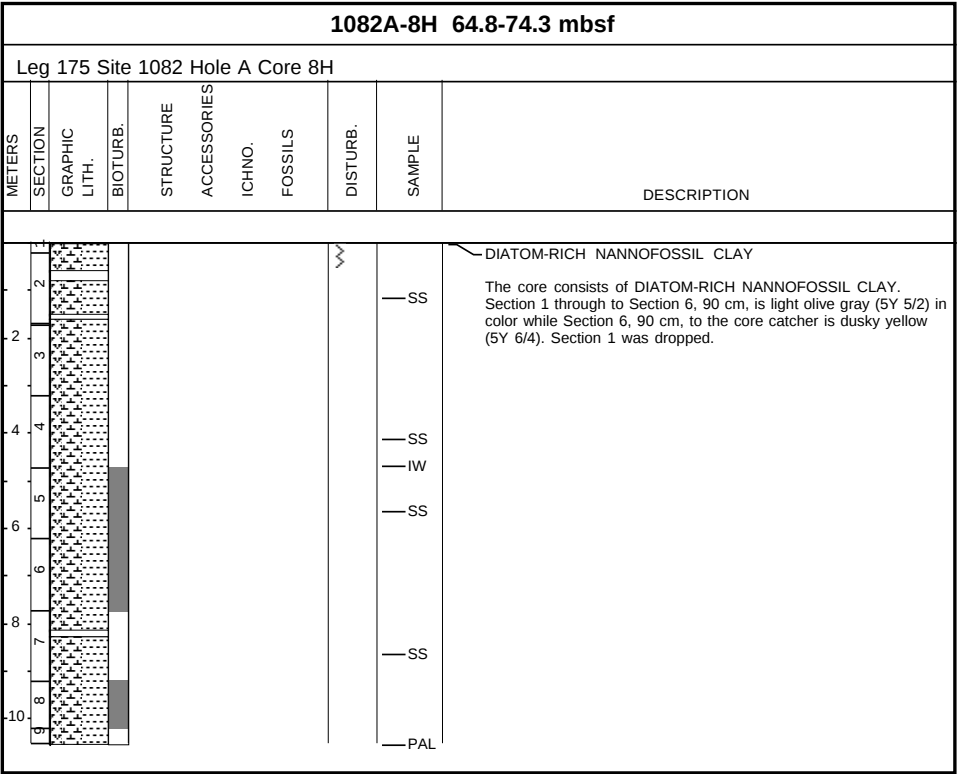


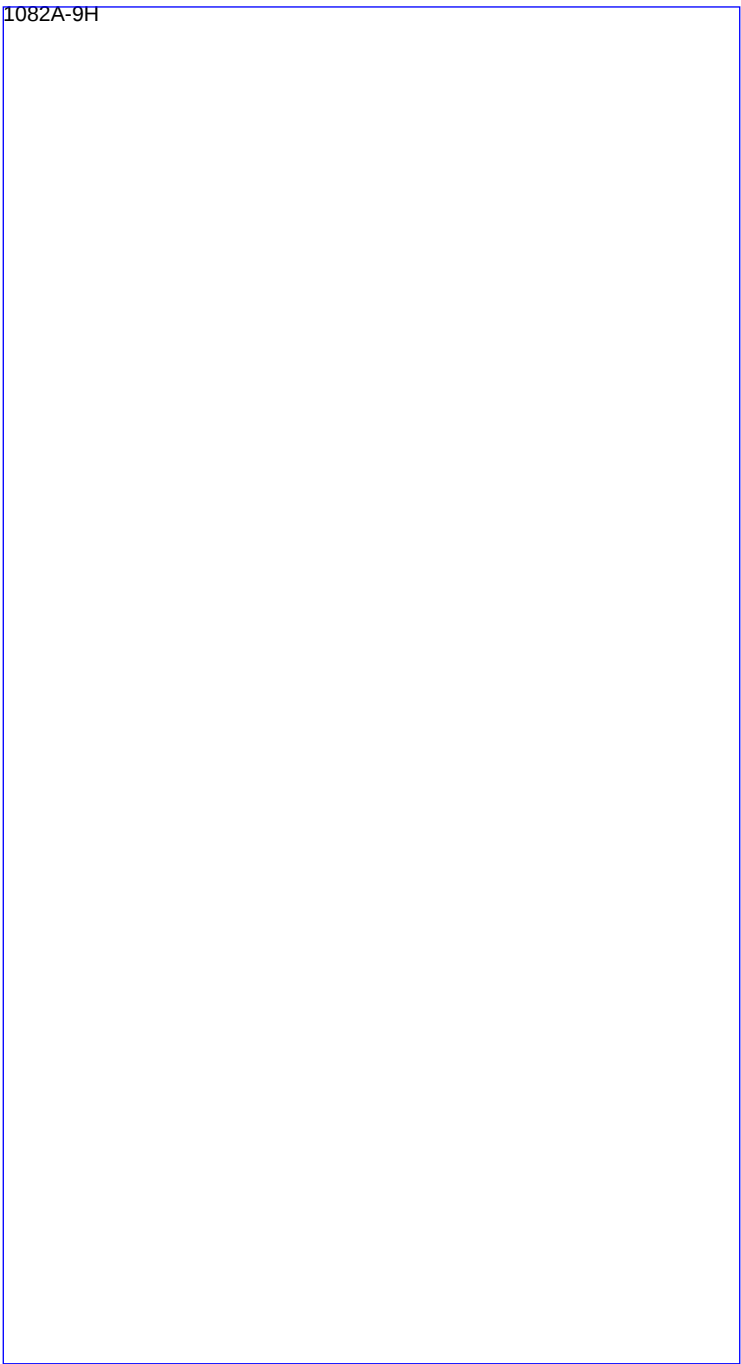
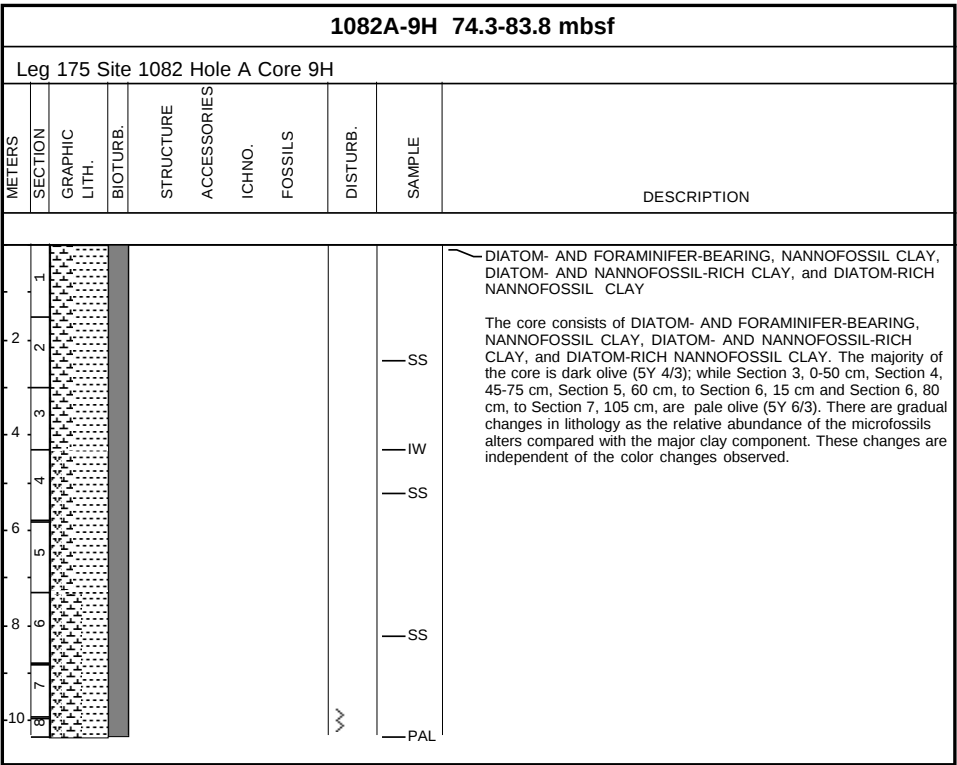


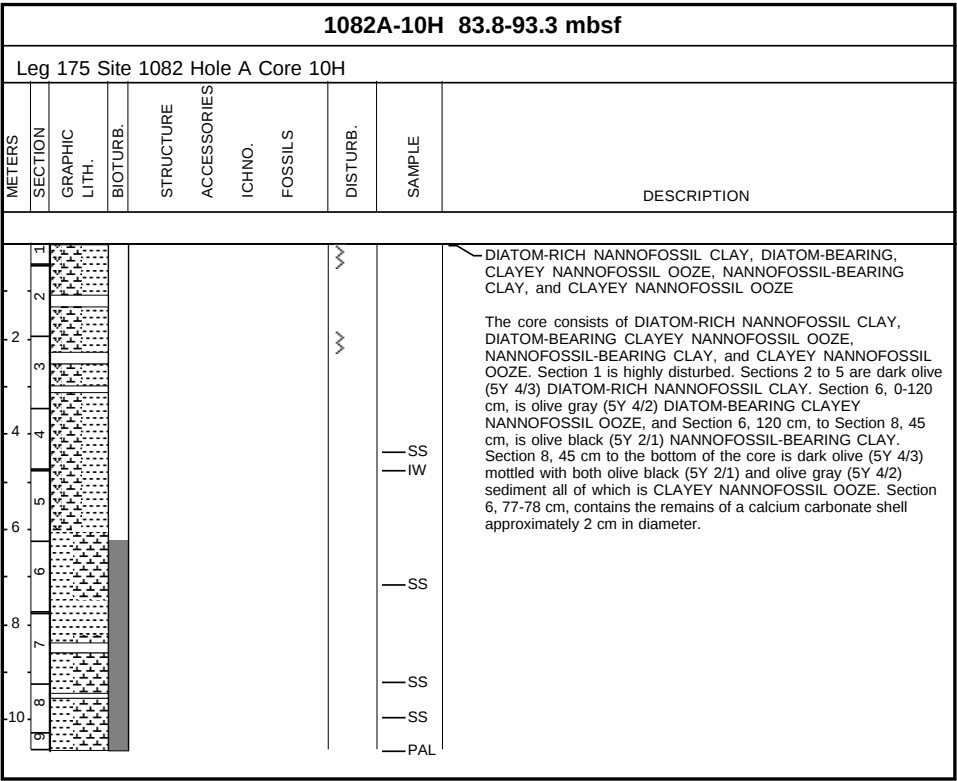
| 1082A-6H 45.8-55.3 mbsf          |         |               |          |           |             |        |         |          |                                                                                       |
|----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|---------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 6H |         |               |          |           |             |        |         |          |                                                                                       |
| METERS                           | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE                                                                                |
| DESCRIPTION                      |         |               |          |           |             |        |         |          |                                                                                       |
| 1                                |         |               |          |           |             |        |         |          | FORAMINIFER-BEARING CLAYEY NANNOFOSSIL OOZE and FORAMINIFER-BEARING, NANNOFOSSIL CLAY |
| 2                                |         |               |          |           |             |        |         |          | — IW                                                                                  |
| 3                                |         |               |          |           |             |        |         |          | — IW                                                                                  |
| 4                                |         |               |          |           |             |        |         |          | — SS                                                                                  |
| 5                                |         |               |          |           |             |        |         |          | — IW                                                                                  |
| 6                                |         |               |          |           |             |        |         |          | — IW                                                                                  |
| 7                                |         |               |          |           |             |        |         |          | — SS                                                                                  |
| 8                                |         |               |          |           |             |        |         |          | — IW                                                                                  |
| 9                                |         |               |          |           |             |        |         |          | — SS                                                                                  |
| 10                               |         |               |          |           |             |        |         |          | — PAL                                                                                 |



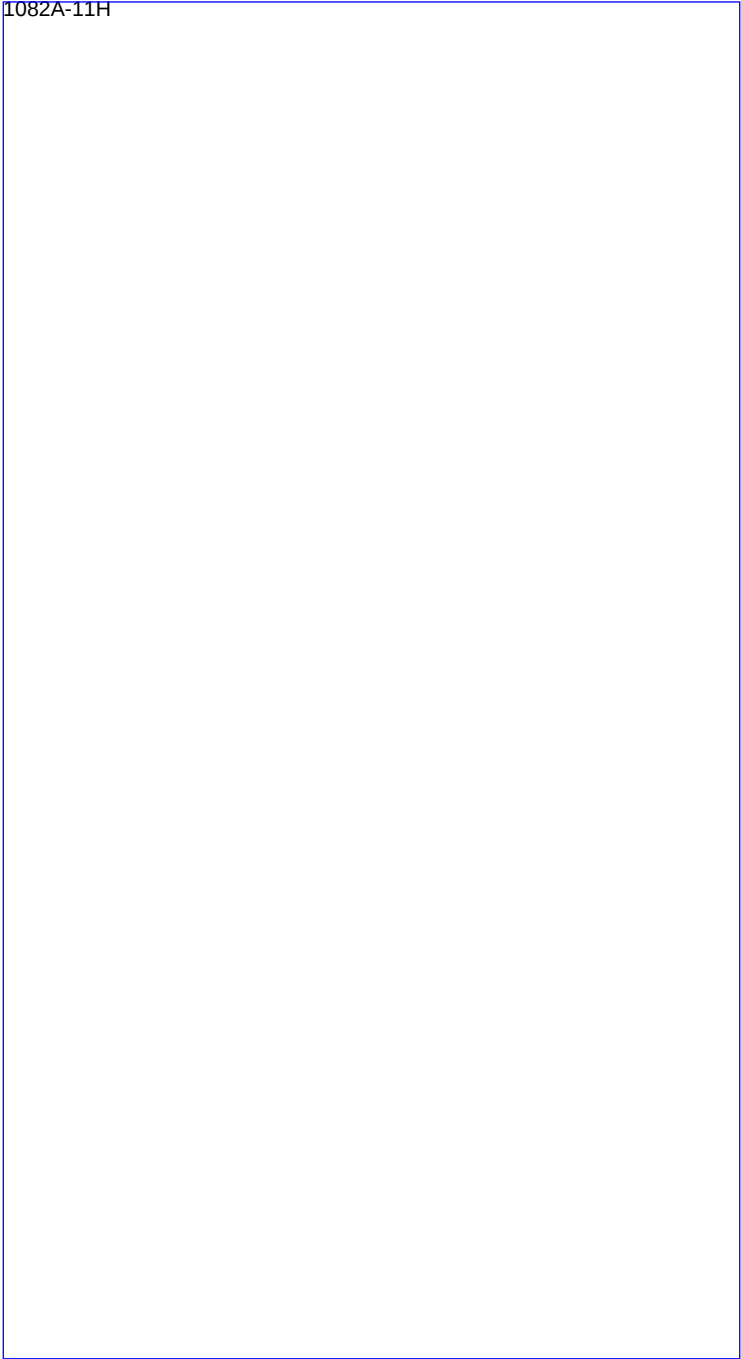


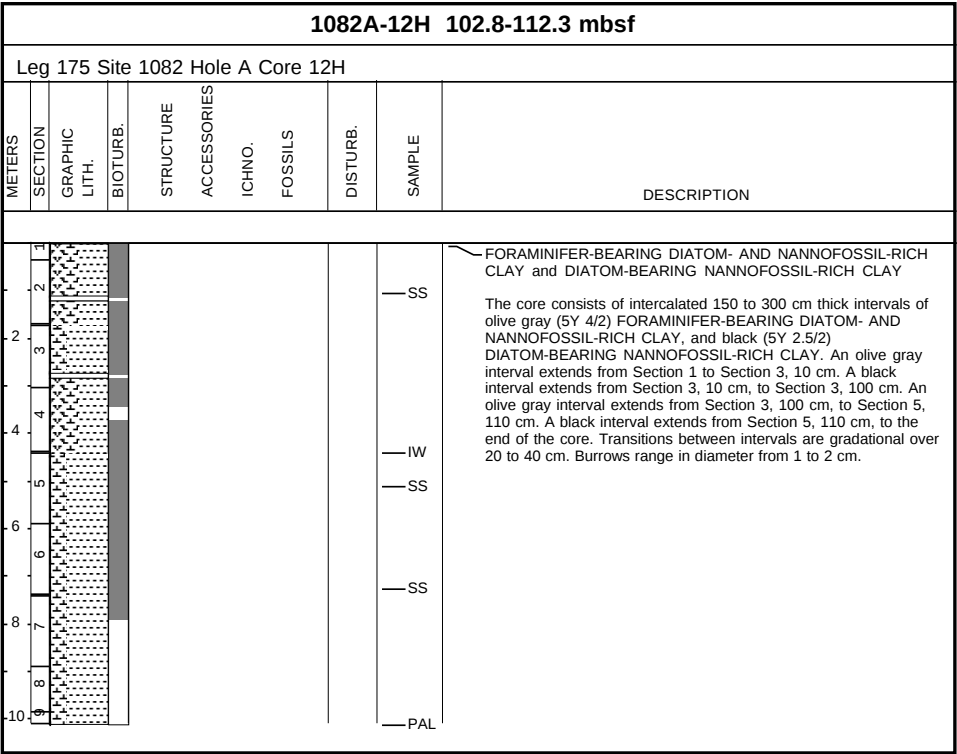




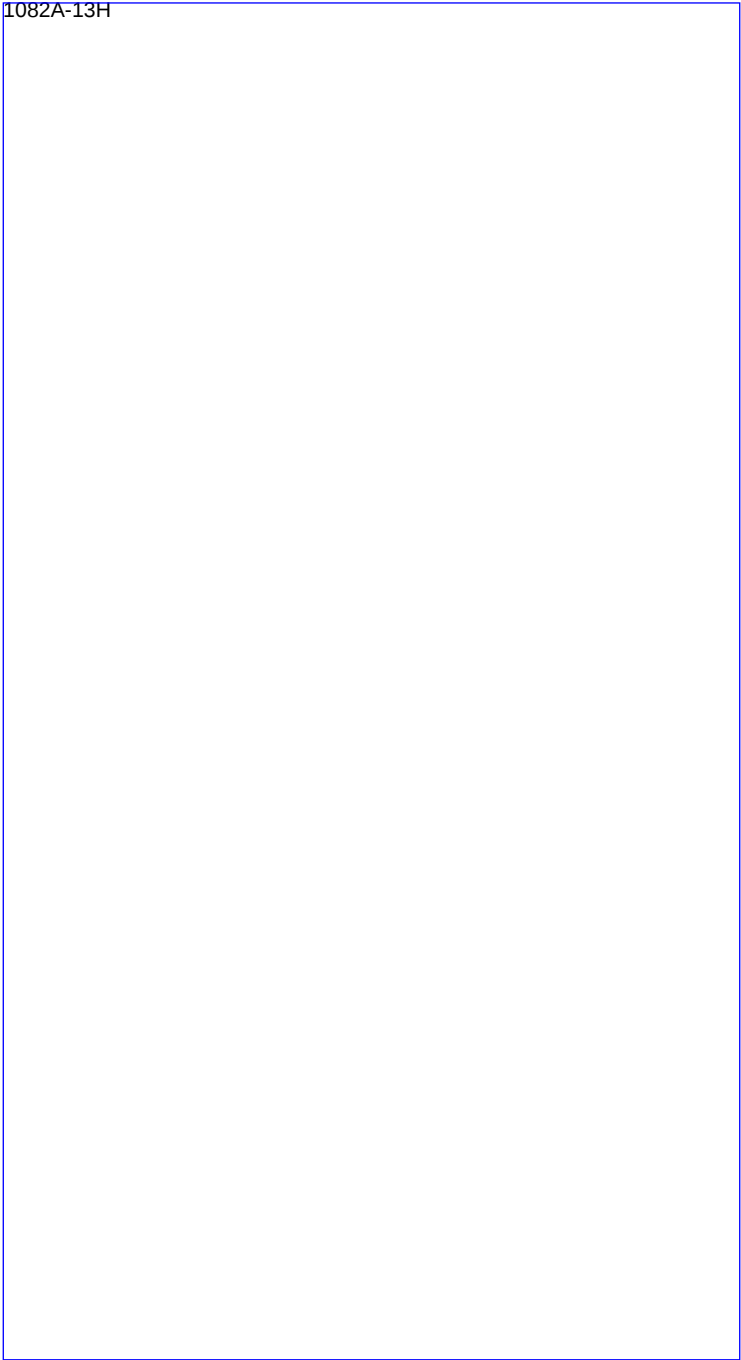


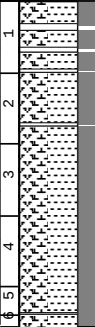
| 1082A-11H 93.3-102.8 mbsf         |         |               |          |           |             |       |         |          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------|---------|---------------|----------|-----------|-------------|-------|---------|----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 11H |         |               |          |           |             |       |         |          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHO. | FOSSILS | DISTURB. | SAMPLE    | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1                                 |         |               |          |           |             |       |         |          | SS        | CLAYEY NANNOFOSSIL OOZE, NANNOFOSSIL-RICH CLAY, DIATOM-BEARING NANNOFOSSIL-RICH CLAY, and NANNOFOSSIL-BEARING CLAY<br><br>The core consists of CLAYEY NANNOFOSSIL OOZE, NANNOFOSSIL-RICH CLAY, DIATOM-BEARING NANNOFOSSIL-RICH CLAY, and NANNOFOSSIL-BEARING CLAY. Section 1, 0 - 50 cm is olive gray (5Y 4/2) CLAYEY NANNOFOSSIL OOZE. Section 2, 40 cm, is an olive gray (5Y 4/2) NANNOFOSSIL-RICH CLAY. Section 2, 40 cm, to Section 7 consist of DIATOM-BEARING, NANNOFOSSIL-RICH CLAY with color varying from olive to olive gray. An interval in Section 4, 110 -150 cm, is an olive gray NANNOFOSSIL-BEARING CLAY. Calcareous concretions are observed in Section 1,10 cm, and in Section 5, 60 cm. The changes in the lithology are independent of the color changes observed downcore. |
| 2                                 |         |               |          |           |             |       |         |          | SS        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 3                                 |         |               |          |           |             |       |         |          | SS        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 4                                 |         |               |          |           |             |       |         |          | IW        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5                                 |         |               |          |           |             |       |         |          | SS        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 6                                 |         |               |          |           |             |       |         |          | SS        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 7                                 |         |               |          |           |             |       |         |          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 8                                 |         |               |          |           |             |       |         |          | SS        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 9                                 |         |               |          |           |             |       |         |          |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 10                                |         |               |          |           |             |       |         |          | SS<br>PAL |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |





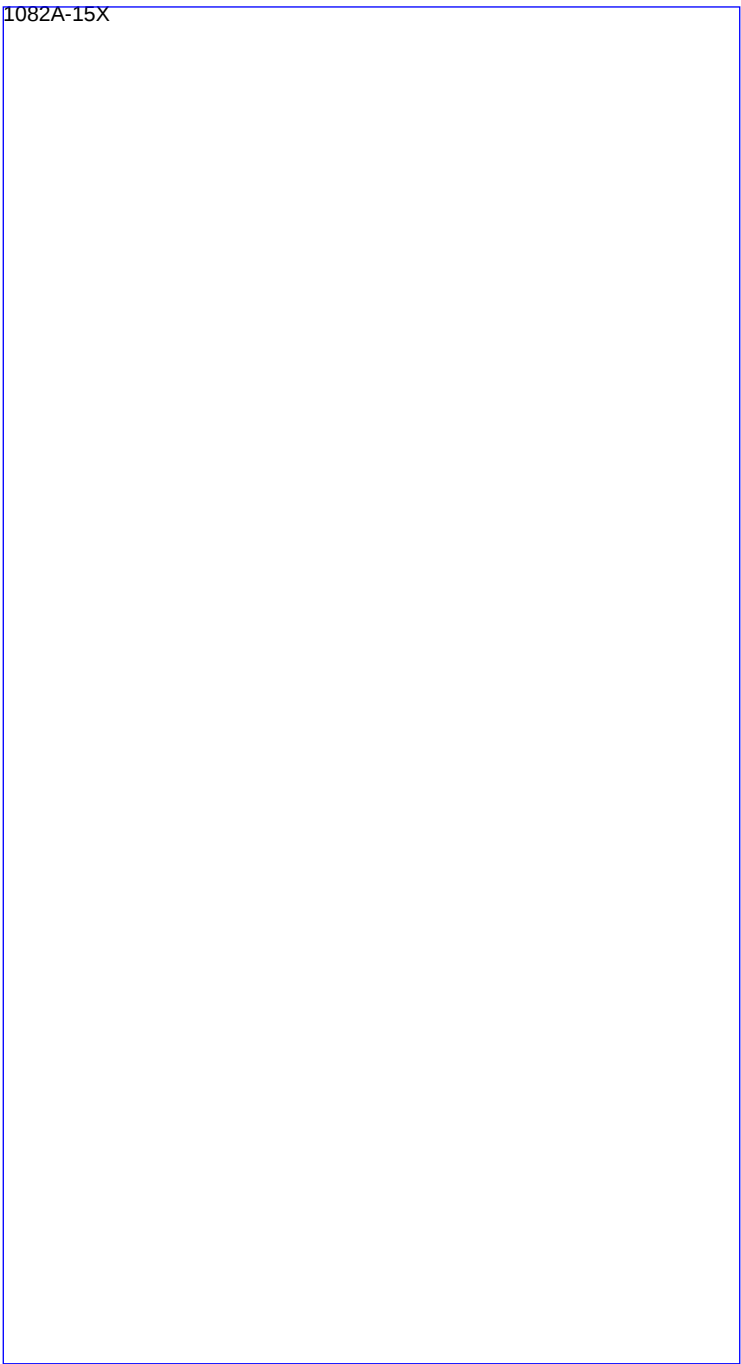
| 1082A-13H 112.3-121.8 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                          |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 13H |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                          |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                              |
| 1                                 |         |               |          |           |             |        |         |          |        | FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY<br><br>The core consists of dark olive gray (5Y 3/2) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. There is an olive (5Y 5/3) interval in Section 3, 10-130 cm. Burrows range in diameter from 1 to 2 cm. |
| 2                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                          |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                          |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                          |
| 5                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                          |
| 6                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                          |
| 7                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                          |
| 8                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                          |
|                                   |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                          |
|                                   |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                          |
|                                   |         |               |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                          |
|                                   |         |               |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                          |



| 1082A-14H 121.8-128.6 mbsf        |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 14H |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                         |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                             |
| 1                                 |         |  |          |           |             |        |         | ///      | SS     | <p>FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY</p> <p>The core consists of olive (5Y 4/3) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. A dark olive (5Y 3/2) interval occurs from Section 4, 30 cm, to Section 5, 36 cm. Its upper contact is gradational, extending over 30 cm, whereas its lower contact is more abrupt, spanning only 10 cm.</p> |
| 2                                 |         |                                                                                   |          |           |             |        |         | ///      |        |                                                                                                                                                                                                                                                                                                                                                                         |
| 3                                 |         |                                                                                   |          |           |             |        |         | ///      |        |                                                                                                                                                                                                                                                                                                                                                                         |
| 4                                 |         |                                                                                   |          |           |             |        |         | ///      | IW     |                                                                                                                                                                                                                                                                                                                                                                         |
| 5                                 |         |                                                                                   |          |           |             |        |         | ///      | SS     |                                                                                                                                                                                                                                                                                                                                                                         |
| 6                                 |         |                                                                                   |          |           |             |        |         | ///      | SS     |                                                                                                                                                                                                                                                                                                                                                                         |
|                                   |         |                                                                                   |          |           |             |        |         | ///      | PAL    |                                                                                                                                                                                                                                                                                                                                                                         |

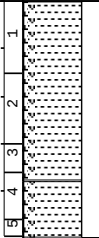
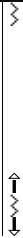


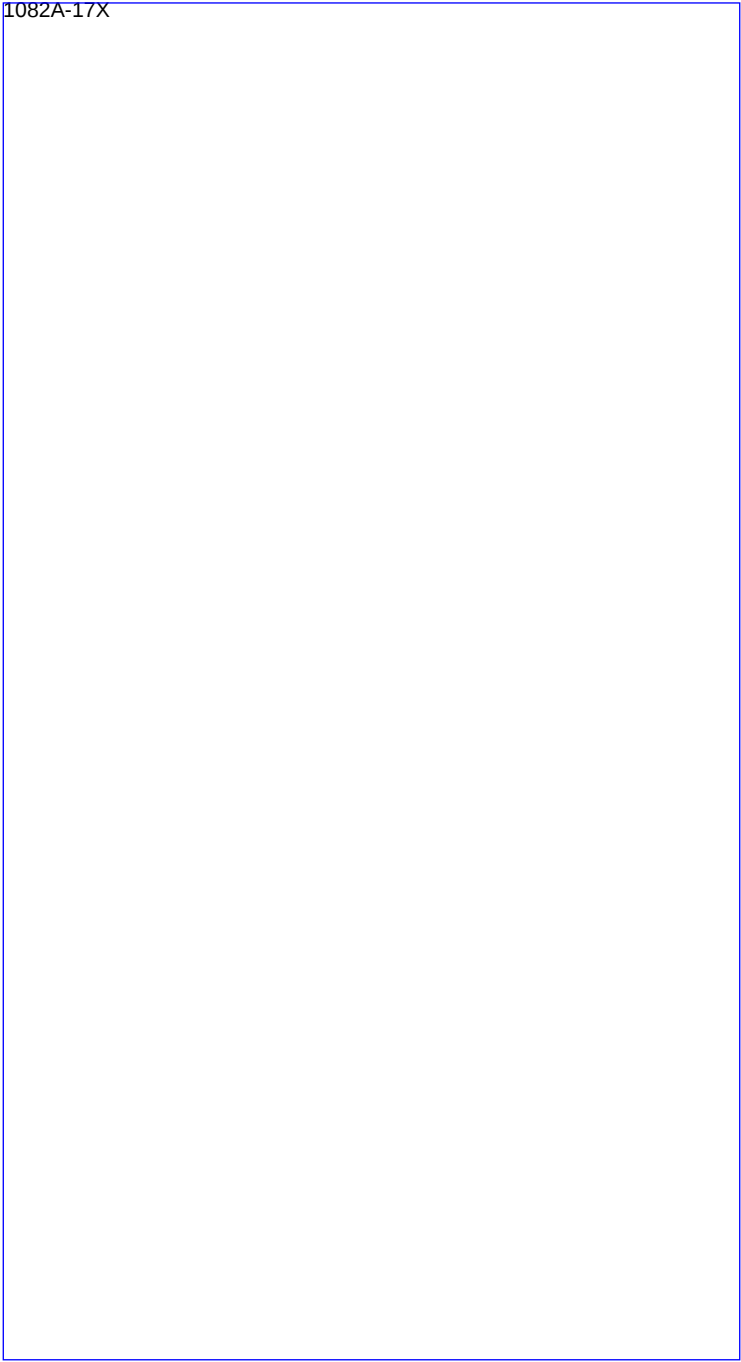
| 1082A-15X 128.6-138.3 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 15X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1                                 |         |               |          |           |             |        |         | ///      | SS     | <p>NANNOFOSSIL AND FORAMINIFER-RICH CLAY, DIATOM- AND NANNOFOSSIL-RICH CLAY, and FORAMINIFER-BEARING, DIATOM- AND NANNOFOSSIL-RICH CLAY</p> <p>The core consists of intercalated intervals of olive (5Y 4/3), olive gray (5Y 4/2), and dark olive gray (5Y 3/2)NANNOFOSSIL AND FORAMINIFER -RICH CLAY, DIATOM- AND NANNOFOSSIL-RICH CLAY, and FORAMINIFER-BEARING, DIATOM- AND NANNOFOSSIL-RICH CLAY. A 13 cm thick dolomite horizon is present at the top of the core. Dark olive gray intervals are present from Section 2, 90 cm, to Section 3, 30 cm, and from Section 4, 110 cm, to Section 6, 40 cm.</p> |
| 2                                 |         |               |          |           |             |        |         | ///      | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3                                 |         |               |          |           |             |        |         | ///      | IW     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 4                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 5                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 6                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7                                 |         |               |          |           |             |        |         | ~        | PAL    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



| 1082A-16X 138.3-147.9 mbsf        |         |               |          |           |             |        |         |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 16X |         |               |          |           |             |        |         |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE   | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1                                 |         |               |          |           |             |        |         |          |          | <p>DIATOM-BEARING NANNOFOSSIL- AND FORAMINIFER-RICH CLAY, DIATOM- FORAMINIFER- AND NANNOFOSSIL-RICH CLAY, and NANNOFOSSIL- AND FORAMINIFER-RICH CLAY</p> <p>The core consists of olive (5Y 4/3) DIATOM- FORAMINIFER- AND NANNOFOSSIL-RICH CLAY in Section 1, 0-65 cm, and Sections 3 to 4, 90 cm. The dark olive (5Y 3/2) DIATOM-BEARING NANNOFOSSIL- AND FORAMINIFER-RICH CLAY is found from Section1, 65 cm, to Section 2. Section 4, 90 cm, to the core catcher consist of black (5Y 2.5/2) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. Boundaries between intervals are gradational.</p> |
| 2                                 |         |               |          |           |             |        |         |          | SS       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 3                                 |         |               |          |           |             |        |         |          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 4                                 |         |               |          |           |             |        |         |          | IW<br>SS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 5                                 |         |               |          |           |             |        |         |          | SS       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 6                                 |         |               |          |           |             |        |         |          | PAL      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

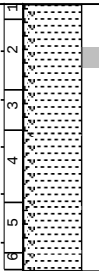
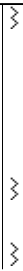


| 1082A-17X 147.9-157.6 mbsf        |         |                                                                                   |          |           |             |        |         |                                                                                   |                       |                                                                                                                                                                                                                                                                          |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 17X |         |                                                                                   |          |           |             |        |         |                                                                                   |                       |                                                                                                                                                                                                                                                                          |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE                | DESCRIPTION                                                                                                                                                                                                                                                              |
| 1<br>2<br>3<br>4                  |         |  |          |           |             |        |         |  | SS<br>IW<br>SS<br>PAL | <p>FORAMINIFER-BEARING, DIATOM- AND NANNOFOSSIL-RICH CLAY</p> <p>The core consists of an olive gray (5Y 4/2) to olive (5Y 5/3) FORAMINIFER-BEARING, DIATOM- AND NANNOFOSSIL-RICH CLAY. The color changes are gradational throughout the core. Section 4 was dropped.</p> |



| 1082A-18X 157.6-167.2 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 18X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1                                 |         |               |          |           |             |        |         |          |        | <p>FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM-RICH CLAY</p> <p>The core consists of dark olive gray (5Y 3/2) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY, with an interval of black (5Y 2.5/1) DIATOM-RICH CLAY. This interval, contains organic matter and silt-sized quartz grains, extends from Section 3, 90 cm, to Section 4, 80 cm. The upper transition of this interval occurs over 20 cm. Section 1 was dropped.</p> |
| 2                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 5                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                   |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                   |         |               |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                   |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                   |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                   |         |               |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



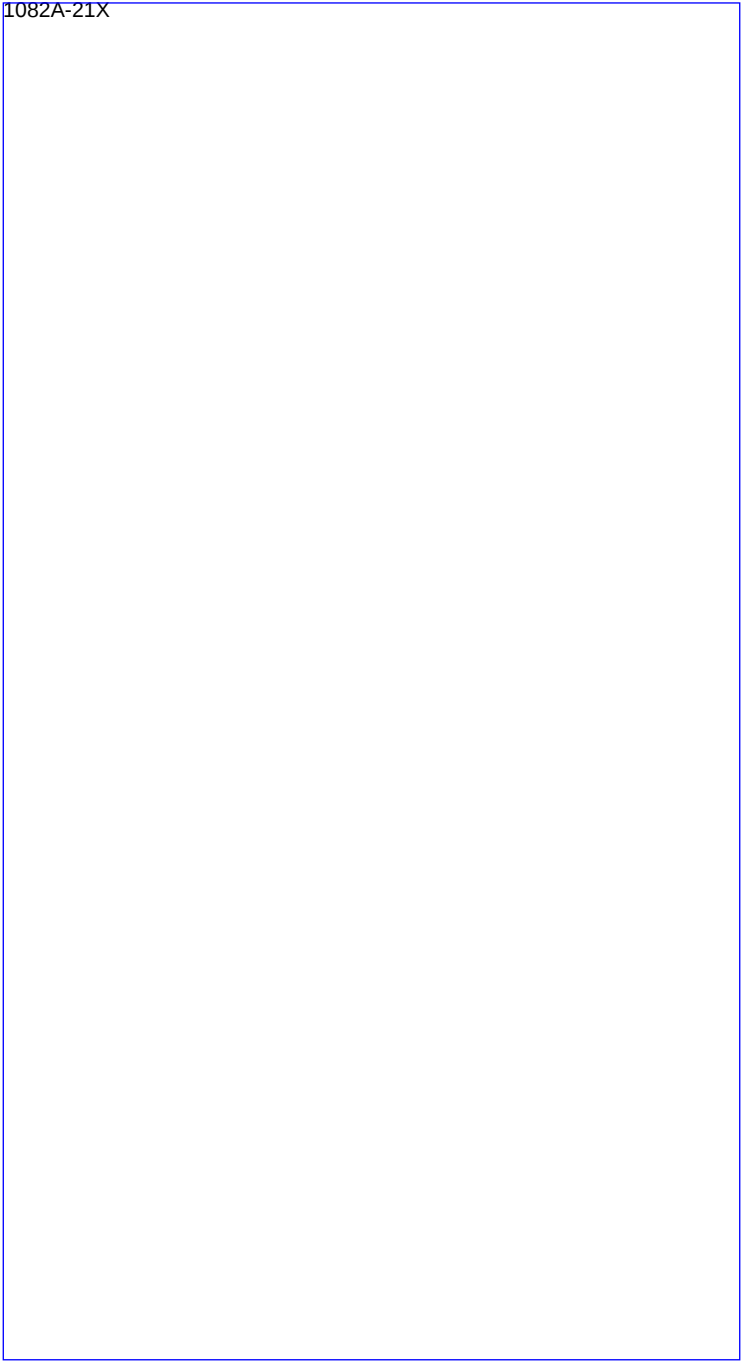
| 1082A-19X 167.2-176.9 mbsf        |         |                                                                                   |          |           |             |        |         |                                                                                   |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 19X |         |                                                                                   |          |           |             |        |         |                                                                                   |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE                                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1<br>2<br>3<br>4<br>5<br>6        |         |  |          |           |             |        |         |  | — SS<br><br><br>— SS<br><br><br>— PAL | <p>FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING DIATOM-RICH CLAY</p> <p>The core consists of olive gray (5Y 4/2) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY and black (5Y 2.5/1) NANNOFOSSIL-BEARING DIATOM-RICH CLAY, which is rich in organic carbon, and silt-sized monocrystalline and polycrystalline quartz grains. Section 4, 10 cm, to Section 5, 15 cm, and in Section 6, 23-59 cm, contains black (5Y 2.5/1) NANNOFOSSIL-BEARING DIATOM-RICH CLAY. Contacts between intervals are gradational over 20 cm.</p> |

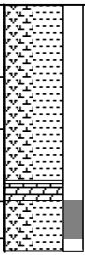
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| I082A-19X |
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| 1082A-20X 176.9-186.5 mbsf        |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 20X |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 1                                 | 1       |  |          |           |             |        |         |  | SS     | <p>NANNOFOSSIL-BEARING, DIATOM-RICH CLAY, DIATOM-BEARING NANNOFOSSIL-RICH CLAY, and DIATOM-BEARING CLAY</p> <p>The core consists of NANNOFOSSIL-BEARING, DIATOM-RICH CLAY, DIATOM-BEARING, NANNOFOSSIL-RICH CLAY, and DIATOM-BEARING CLAY. The color is predominantly dark olive gray (5Y 3/2) with lighter olive gray (5Y 4/2) in Section 4, 0-100 cm, grading over 40 cm to black (5Y 2.5/2) in Section 5. Section 1 was dropped.</p> |
| 2                                 | 2       |  |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3                                 | 3       |  |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 4                                 | 4       |  |          |           |             |        |         |  | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 5                                 | 5       |  |          |           |             |        |         |  | IW     |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 6                                 | 6       |  |          |           |             |        |         |  | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 7                                 | 7       |  |          |           |             |        |         |  | PAL    |                                                                                                                                                                                                                                                                                                                                                                                                                                         |



| 1082A-21X 186.5-196.2 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 21X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1                                 |         |               |          |           |             |        |         |          |        | NANNOFOSSIL-BEARING DIATOM-RICH CLAY and DIATOM-AND FORAMINIFER-BEARING CLAY<br><br>The core contains NANNOFOSSIL-BEARING DIATOM-RICH CLAY and DIATOM-AND FORAMINIFER-BEARING CLAY. The core is predominantly dark olive gray grading to black (5Y 2.5/2) in Section 5. Slurried mud occurs along the edges of the core indicating that disturbance occurred although no obvious biscuits are evident. Section 1 was dropped. |
| 2                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3                                 |         |               |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 5                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 6                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 7                                 |         |               |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                                                                                                                                                                               |

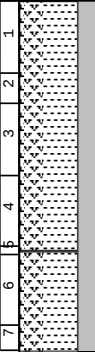


| 1082A-22X 196.2-205.9 mbsf        |         |                                                                                   |          |           |             |        |         |          |        |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|
| Leg 175 Site 1082 Hole A Core 22X |         |                                                                                   |          |           |             |        |         |          |        |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE |
| DESCRIPTION                       |         |                                                                                   |          |           |             |        |         |          |        |
| 1                                 |         |  |          |           |             |        |         |          | SS     |
| 2                                 |         |                                                                                   |          |           |             |        |         |          |        |
| 3                                 |         |                                                                                   |          |           |             |        |         |          |        |
| 4                                 |         |                                                                                   |          |           |             |        |         |          | IW     |
| 5                                 |         |                                                                                   |          |           |             |        |         |          | SS     |
| 6                                 |         |                                                                                   |          |           |             |        |         |          | PAL    |

FORAMINIFER-BEARING, NANNOFOSSIL- AND DIATOM-RICH CLAY and DOLOMITE

The core consists of dark olive gray (5Y 3/2), olive (5Y 4/3), and olive gray (5Y 4/2) FORAMINIFER-BEARING, NANNOFOSSIL- AND DIATOM-RICH CLAY. A DOLOMITE horizon occurs in Section 3, 114 -145 cm. Gradational changes in color occur from dark olive gray in Section 1 to olive in Section 3, 70 cm, and olive gray to the end of the core.

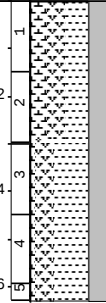
1082A-22X

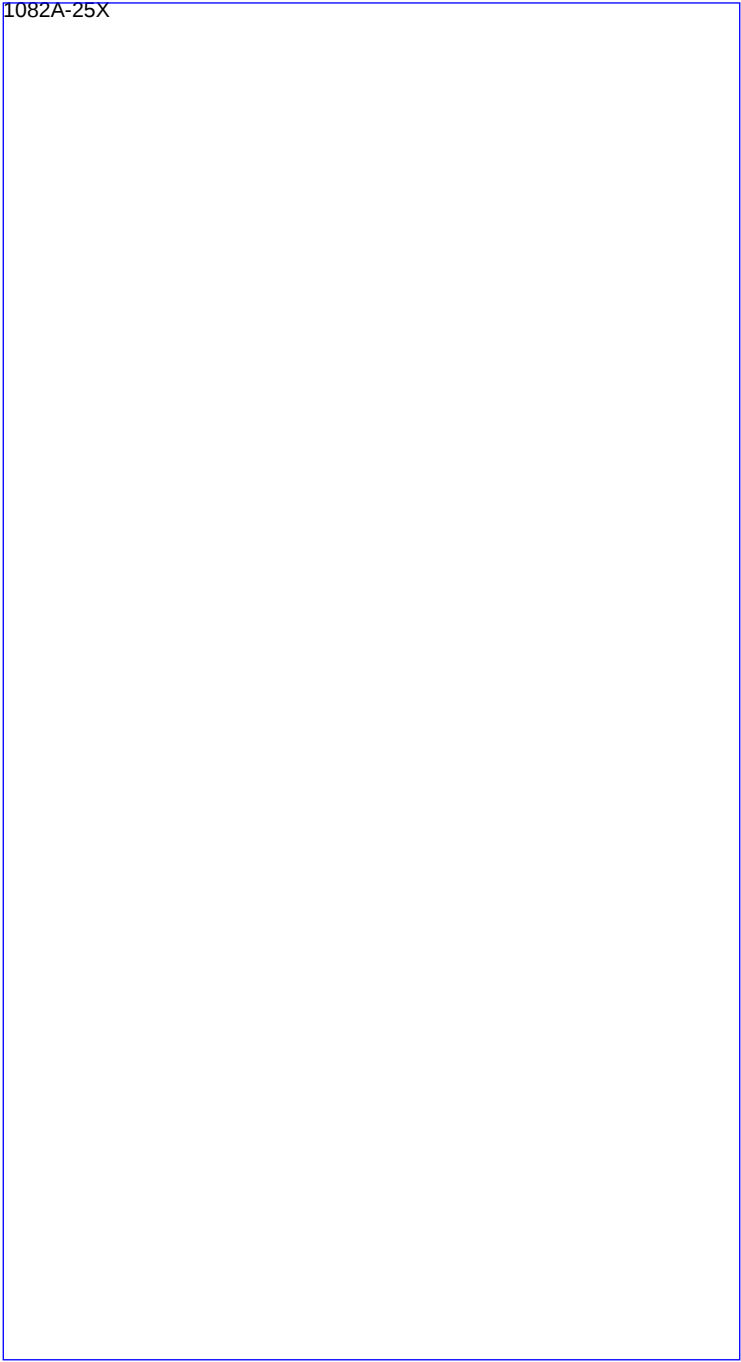
| 1082A-23X 205.9-215.5 mbsf        |         |                                                                                   |          |           |             |        |         |                                                                                   |                                         |                                                                                                                                                                                                                                                               |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 23X |         |                                                                                   |          |           |             |        |         |                                                                                   |                                         |                                                                                                                                                                                                                                                               |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE                                  | DESCRIPTION                                                                                                                                                                                                                                                   |
| 1<br>2<br>3<br>4<br>5<br>6<br>7   |         |  |          |           |             |        |         |  | SS<br><br>SS<br>IW<br><br>SS<br><br>PAL | <p>FORAMINIFER-BEARING, NANNOFOSSIL-RICH<br/>DIATOMACEOUS CLAY</p> <p>The core consists of olive (5Y 4/4) and dark olive gray (5Y 3/2)<br/>FORAMINIFER-BEARING, NANNOFOSSIL-RICH<br/>DIATOMACEOUS CLAY. Rare bioturbation occurs throughout the<br/>core.</p> |

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| I082A-23X |
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| 1082A-24X 215.5-225.2 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                         |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 24X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                         |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                             |
| 1                                 |         |               |          |           |             |        |         |          |        | FORAMINIFER-BEARING, NANNOFOSSIL-RICH DIATOMACEOUS CLAY<br><br>The core consists of olive (5Y 4/4) FORAMINIFER-BEARING, NANNOFOSSIL-RICH DIATOMACEOUS CLAY. A gradational change in color occurs in Section 5 from dark olive gray (2.5Y 3/3) to olive brown (2.5 4/3). |
| 2                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                         |
| 3                                 |         |               |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                         |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                         |
| 5                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                         |
| 6                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                         |
|                                   |         |               |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                         |



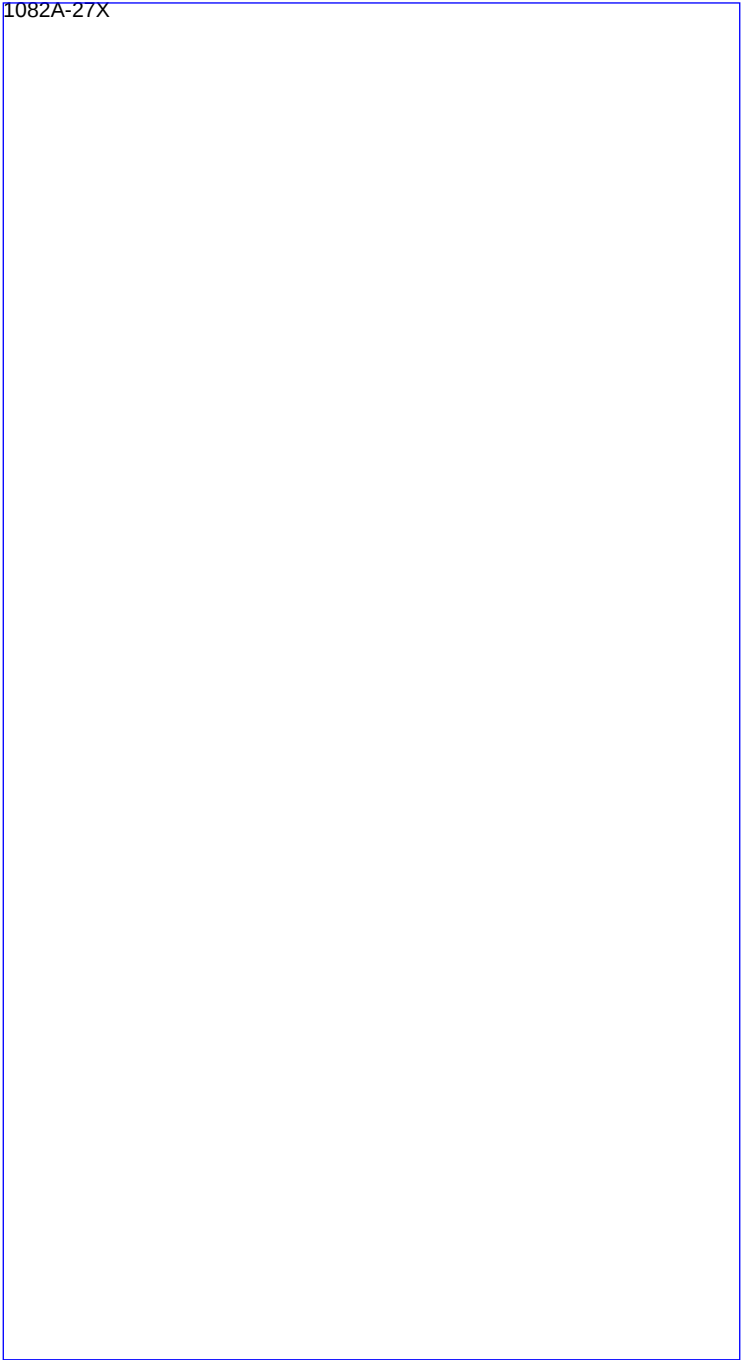
| 1082A-25X 225.2-234.8 mbsf        |                            |                                                                                   |          |           |             |        |         |                                                                                   |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------|----------------------------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 25X |                            |                                                                                   |          |           |             |        |         |                                                                                   |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| METERS                            | SECTION                    | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE                                    | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1<br>2<br>3<br>4<br>5<br>6        | 1<br>2<br>3<br>4<br>5<br>6 |  |          |           |             |        |         |  | SS<br>SS<br>SS<br><br>SS<br><br>SS<br>PAL | <p>FORAMINIFER-BEARING, NANNOFOSSIL-RICH DIATOMACEOUS CLAY and FORAMINIFER-BEARING, NANNOFOSSIL DIATOMACEOUS CLAY</p> <p>The core consists of dark olive gray (5Y 3/2) FORAMINIFER-BEARING, NANNOFOSSIL-RICH DIATOMACEOUS CLAY and olive gray (5Y 4/2) FORAMINIFER-BEARING, NANNOFOSSIL DIATOMACEOUS CLAY in Section 2. Alternating between dark olive gray and olive gray intervals, 10 cm thick, occurs in Section 1, 0- 80 cm, merging into black (5Y 2.5/2) to the end of the section.</p> |



| 1082A-26X 234.8-244.4 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 26X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                 |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                     |
| 1                                 |         |               |          |           |             |        |         |          |        | <p>FORAMINIFER-BEARING NANNOFOSSIL-RICH DIATOMACEOUS CLAY</p> <p>The core consists of olive (5Y 4/3), light olive brown (2.5Y 4/3), and olive brown (2.5Y 5/3) FORAMINIFER-BEARING NANNOFOSSIL-RICH DIATOMACEOUS CLAY. A gradational change in color occurs from olive to light olive brown in Section 4, 90 cm, and into olive brown in Sections 5 and 7 .</p> |
| 2                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                 |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                 |
| 4                                 |         |               |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                                                                                                                 |
| 5                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                 |
| 6                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                 |
| 7                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                 |
| 8                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                 |
|                                   |         |               |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                                                                                                                 |

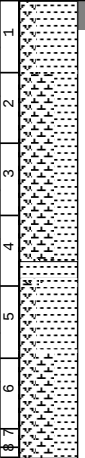


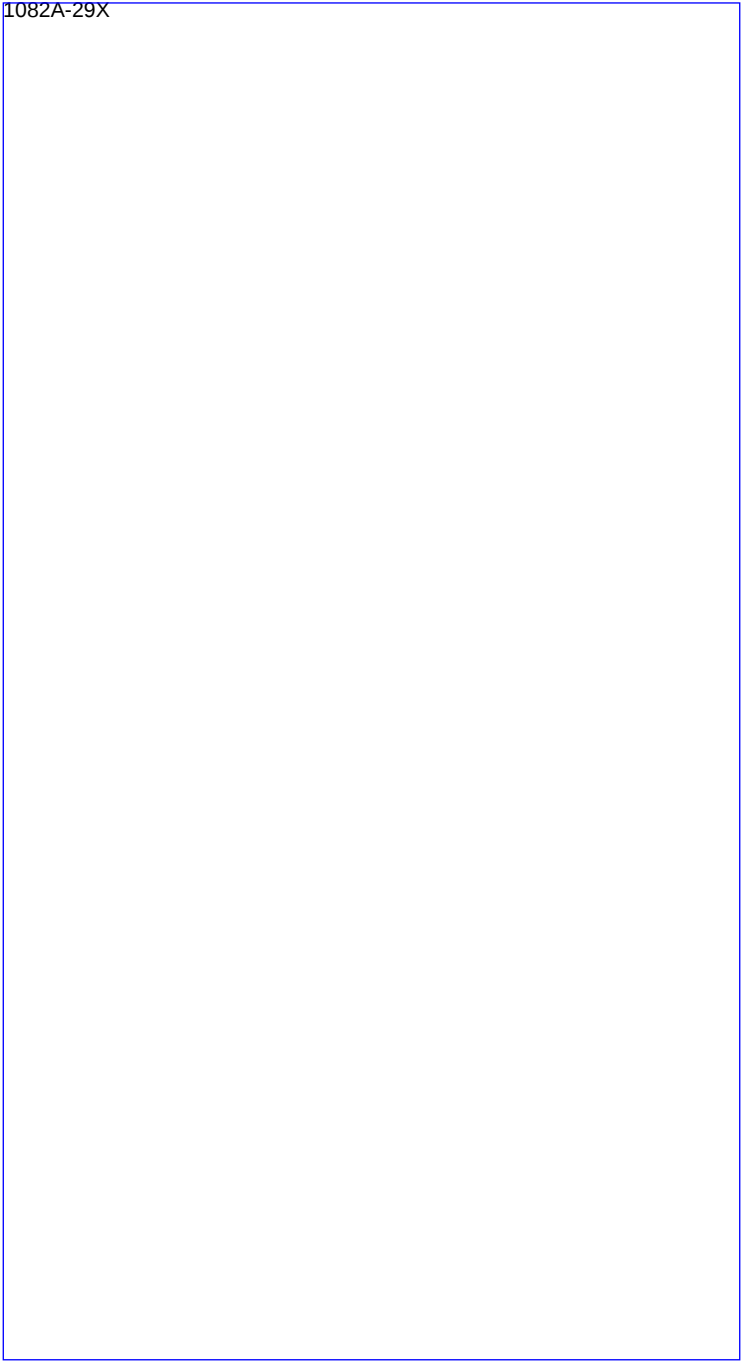
| 1082A-27X 244.4-254.0 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 27X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                         |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                             |
| 1                                 |         |               |          |           |             |        |         |          | SS     | <p>DIATOM-RICH NANNOFOSSIL CLAY and DIATOMACEOUS CLAY</p> <p>The core consists of olive gray (5Y 4/2) DIATOM-RICH NANNOFOSSIL CLAY and very dark grayish brown (2.5Y 3/2) DIATOMACEOUS CLAY. Section 1, 30 -82 cm, Sections 2, 3, and 4 are very dark grayish brown. A gradual color change to olive gray occurs in Section 5 between 50 and 60 cm.</p> |
| 2                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                         |
| 3                                 |         |               |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                                                                                                         |
| 4                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                         |
| 5                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                         |
| 6                                 |         |               |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                                                                                                         |

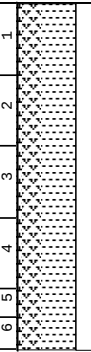


| 1082A-28X 254.0-263.6 mbsf        |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 28X |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1                                 |         |  |          |           |             |        |         |          | SS     | NANNOFOSSIL-RICH DIATOMACEOUS CLAY, DIATOM-BEARING NANNOFOSSIL CLAY, NANNOFOSSIL-BEARING DIATOM-RICH CLAY and NANNOFOSSIL-RICH DIATOM CLAY<br><br>The core consists of very dark brownish gray (2.5Y 3/2) NANNOFOSSIL-RICH DIATOMACEOUS CLAY, olive gray (5Y 4/2) DIATOM-BEARING NANNOFOSSIL CLAY, very dark brownish gray NANNOFOSSIL-BEARING DIATOM-RICH CLAY, and olive gray NANNOFOSSIL-RICH DIATOM CLAY. Color changes closely correspond to abundances in nannofossils. |
| 2                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 3                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 4                                 |         |  |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 5                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 6                                 |         |  |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

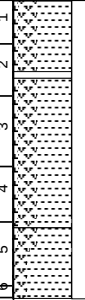


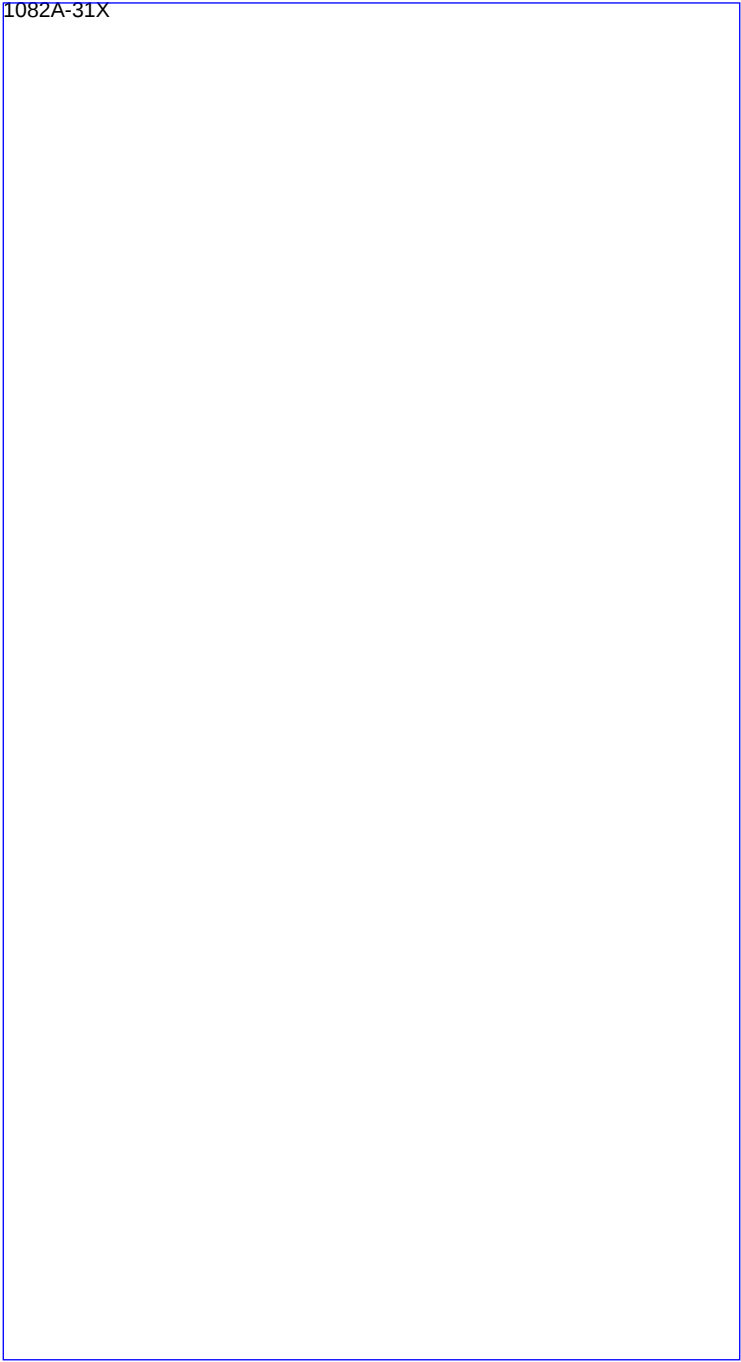
| 1082A-29X 263.6-273.3 mbsf        |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 29X |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                    |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                        |
| 1                                 |         |  |          |           |             |        |         |          | SS     | <p>NANNOFOSSIL-BEARING DIATOM-RICH CLAY, DIATOM-RICH NANNOFOSSIL CLAY, and DIATOMACEOUS NANNOFOSSIL CLAY</p> <p>The core consists of dark olive gray (5Y 3/2) NANNOFOSSIL-BEARING DIATOM-RICH CLAY, olive gray (5Y 5/2) DIATOM-RICH NANNOFOSSIL CLAY, and olive gray (5Y 4/2) DIATOMACEOUS NANNOFOSSIL CLAY. Color changes are gradual and correspond to changes in lithology.</p> |
| 2                                 |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                    |
| 3                                 |         |                                                                                   |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                                                                                                                                    |
| 4                                 |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                    |
| 5                                 |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                    |
| 6                                 |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                    |



| 1082A-30X 273.3-282.9 mbsf        |         |                                                                                   |          |           |             |        |         |          |                                   |                                                                                                                                                                      |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 30X |         |                                                                                   |          |           |             |        |         |          |                                   |                                                                                                                                                                      |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE                            | DESCRIPTION                                                                                                                                                          |
| 1<br>2<br>3<br>4<br>5<br>6        |         |  |          |           |             |        |         |          | SS<br><br><br>IW<br><br>IW<br>PAL | <div>NANNOFOSSIL-RICH DIATOMACEOUS CLAY</div> <div>The core consists of olive gray (5Y 4/2) and dark olive brown (2.5 3/3) NANNOFOSSIL-RICH DIATOMACEOUS CLAY.</div> |

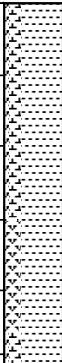
1082A-30X

| 1082A-31X 282.9-292.5 mbsf        |         |                                                                                   |          |           |             |        |         |          |           |                                                                                                                                                                                                                                           |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 31X |         |                                                                                   |          |           |             |        |         |          |           |                                                                                                                                                                                                                                           |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE    | DESCRIPTION                                                                                                                                                                                                                               |
| 1                                 |         |  |          |           |             |        |         |          | SS        | NANNOFOSSIL-RICH DIATOMACEOUS CLAY and<br>NANNOFOSSIL-BEARING DIATOM-RICH CLAY<br><br>The core consists of olive gray (5Y 4/2) NANNOFOSSIL-RICH<br>DIATOMACEOUS CLAY and very dark gray (5Y 3/2)<br>NANNOFOSSIL-BEARING DIATOM-RICH CLAY. |
| 2                                 |         |                                                                                   |          |           |             |        |         |          | SS        |                                                                                                                                                                                                                                           |
| 3                                 |         |                                                                                   |          |           |             |        |         |          |           |                                                                                                                                                                                                                                           |
| 4                                 |         |                                                                                   |          |           |             |        |         |          |           |                                                                                                                                                                                                                                           |
| 5                                 |         |                                                                                   |          |           |             |        |         |          |           |                                                                                                                                                                                                                                           |
| 6                                 |         |                                                                                   |          |           |             |        |         |          | SS<br>PAL |                                                                                                                                                                                                                                           |

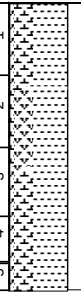


| 1082A-32X 292.5-302.1 mbsf        |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                              |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 32X |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                              |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                  |
| 1                                 |         |  |          | ∅∅∅       |             |        |         |          | SS     | DIATOM-RICH CLAY and DIATOM-RICH NANNOFOSSIL CLAY<br><br>The core consists of very dark gray (5Y 3/2) DIATOM-RICH CLAY and olive gray (5Y 5/2 and 5Y 4/2) DIATOM RICH NANNOFOSSIL CLAY. The change to DIATOMACEOUS NANNOFOSIL CLAY is sharp. |
| 2                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                              |
| 3                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                              |
| 4                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                              |
| 5                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                              |
| 6                                 |         |  |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                              |



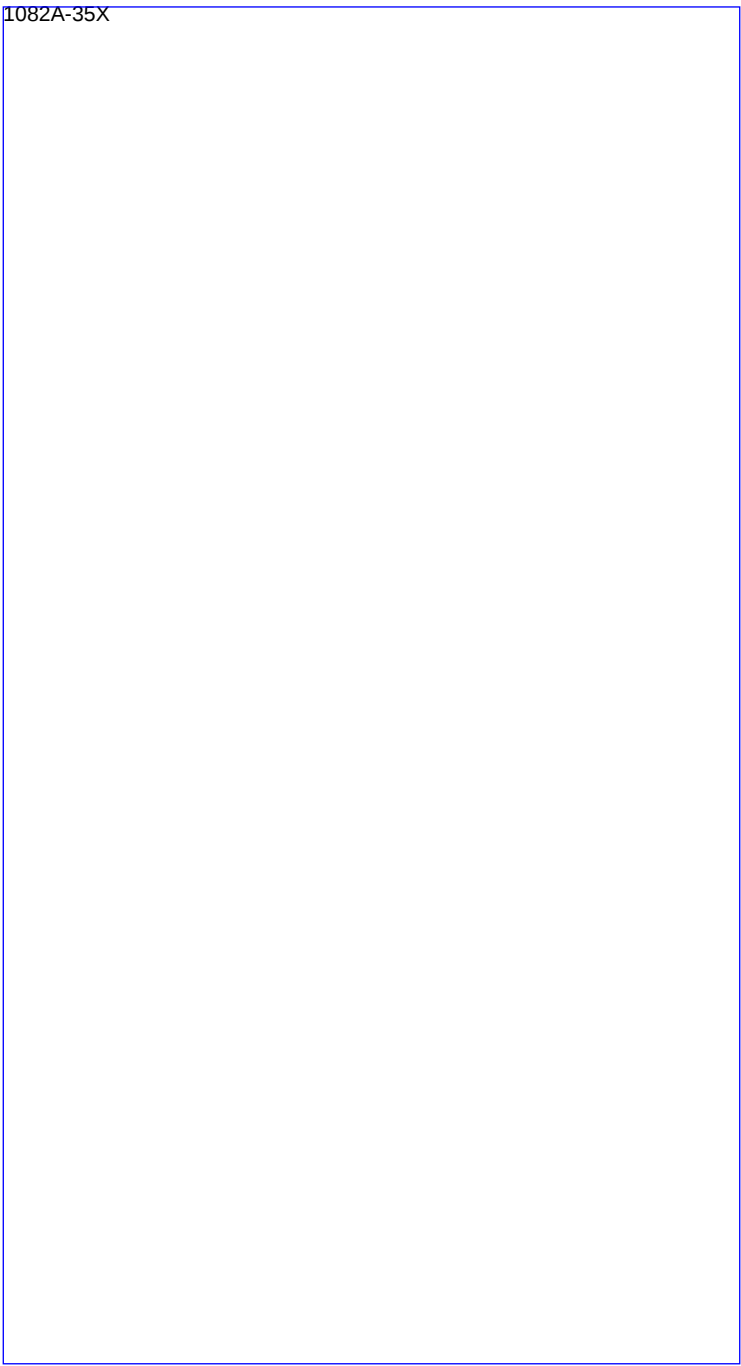
| 1082A-33X 302.1-311.7 mbsf        |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 33X |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1                                 |         |  |          |           |             |        |         |          | SS     | DIATOM-RICH NANNOFOSSIL CLAY, NANNOFOSSIL-BEARING DIATOMACEOUS CLAY, and NANNOFOSSIL-RICH DIATOMACEOUS CLAY<br><br>The core consists of olive gray (5Y 5/2) DIATOMACEOUS NANNOFOSSIL CLAY in Sections 1 and 2. A gradual color change to olive gray (5Y 4/2) occurs in Section 3 and persists to Section 4 where the sediment is NANNOFOSSIL-BEARING DIATOMACEOUS CLAYS. Below Section 5, 86 cm, the sediment consists olive gray 5Y 5/2 NANNOFOSSIL-RICH DIATOMACEOUS CLAY. |
| 2                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 3                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 4                                 |         |  |          |           |             |        |         |          | IW     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 5                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 6                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                   |         |                                                                                   |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

1082A-33X

| 1082A-34X 311.7-321.4 mbsf        |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                      |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 34X |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                      |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                          |
| 1                                 |         |  |          |           |             |        |         |          | SS     | <p>DIATOM-RICH NANNOFOSSIL CLAY and NANNOFOSSIL-RICH DIATOMACEOUS CLAY</p> <p>The core consists of olive gray (5Y 5/2) DIATOMACEOUS NANNOFOSSIL CLAY and olive gray (5Y 4/2) NANNOFOSSIL-RICH DIATOMACEOUS CLAY.</p> |
| 2                                 |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                      |
| 3                                 |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                      |
| 4                                 |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                      |
| 5                                 |         |                                                                                   |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                      |
| 6                                 |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                      |



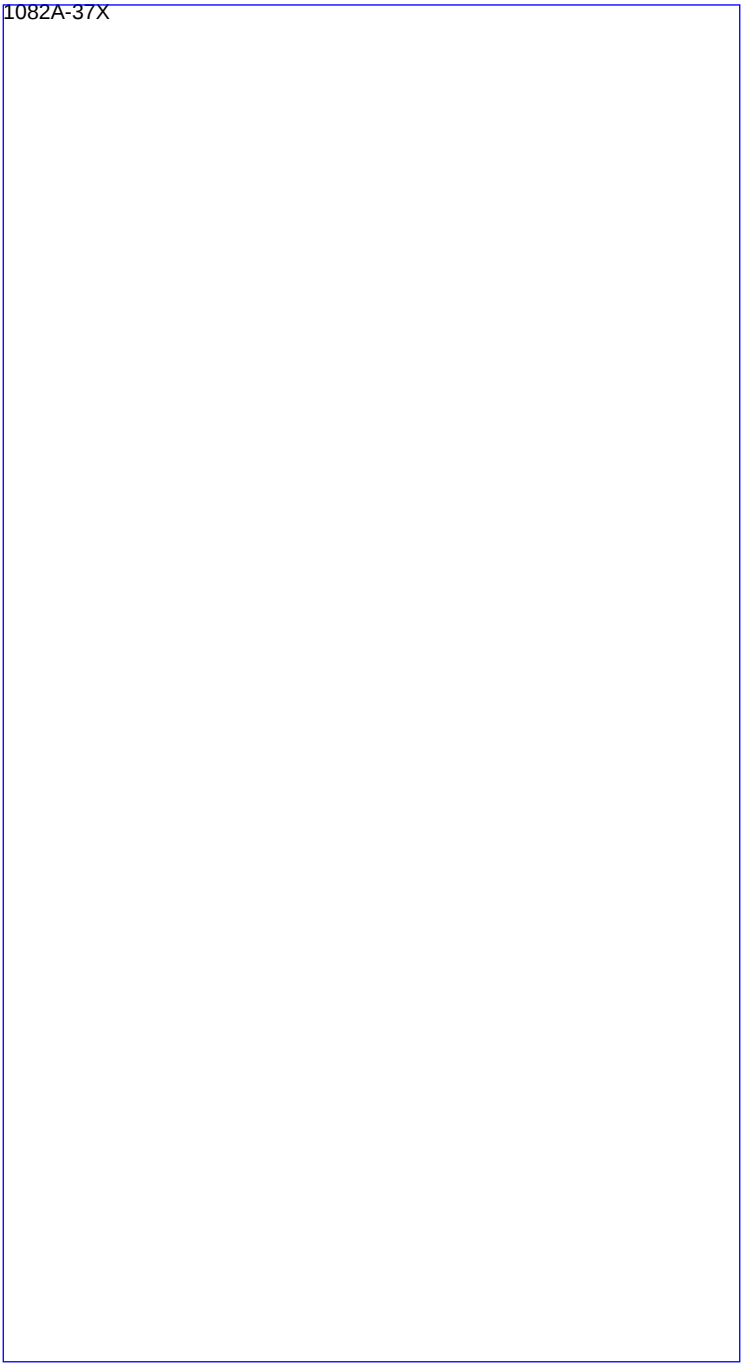
| 1082A-35X 321.4-327.5 mbsf        |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                    |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 35X |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                    |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                        |
| 1                                 |         |  |          |           |             |        |         |          |        | DIATOM-RICH NANNOFOSSIL CLAY<br><br>The core consists of pale olive (5Y 6/3) DIATOM-RICH NANNOFOSSIL CLAY. An olive gray interval is observed from Section 4, 100 cm, to Section 5, 50 cm, without significant changes in the biogenic abundances. A dolomitized layer occurs in the core catcher. |
| 2                                 |         |                                                                                   |          |           |             |        |         | ooo      | SS     |                                                                                                                                                                                                                                                                                                    |
| 3                                 |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                    |
| 4                                 |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                    |
| 5                                 |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                    |
| 6                                 |         |                                                                                   |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                                                    |



| 1082A-36X 327.5-331.0 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                       |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 36X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                       |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                           |
| 2.1                               |         |               |          |           |             |        |         |          | SS     | DIATOM-RICH NANNOFOSSIL CLAY<br><br>The core consists of a dolomite olive (5Y 5/3) DIATOM-RICH NANNOFOSSIL CLAY. A dolomite horizon is present in Section 1, 0-17 cm. |



| 1082A-37X 331.0-340.6 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                          |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 37X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                          |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                              |
| 1                                 |         |               |          |           |             |        |         |          |        | <div>DIATOM- AND NANNOFOSSIL- RICH CLAY</div> <div>The core consists of olive (5Y 4/3) DIATOM- AND NANNOFOSSIL- RICH CLAY. An olive gray (5Y 4/2) interval occurs between Section 2, 100 cm, and Section 3, 15 cm.</div> |
| 2                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                          |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                          |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                          |
| 5                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                          |
| 6                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                          |



| 1082A-38X 340.6-350.3 mbsf        |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                            |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 38X |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                            |
| MEETERS                           | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                |
| 1                                 |         |  |          |           |             |        |         |          |        | DIATOM- AND NANNOFOSSIL-RICH CLAY and<br>DIATOM-BEARING NANNOFOSSIL-RICH CLAY<br><br>The core consists of olive (5Y 4/3) DIATOM- AND<br>NANNOFOSSIL-RICH CLAY from Sections 1 to 3. Section 4 to<br>the bottom of the core is olive pale (5Y 6/3) DIATOM-BEARING<br>NANNOFOSSIL-RICH CLAY. |
| 2                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                            |
| 3                                 |         |  |          |           |             |        |         | ~        |        |                                                                                                                                                                                                                                                                                            |
| 4                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                            |
| 5                                 |         |  |          |           |             |        |         | ~        |        |                                                                                                                                                                                                                                                                                            |
| 6                                 |         |  |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                            |
|                                   |         |  |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                                            |

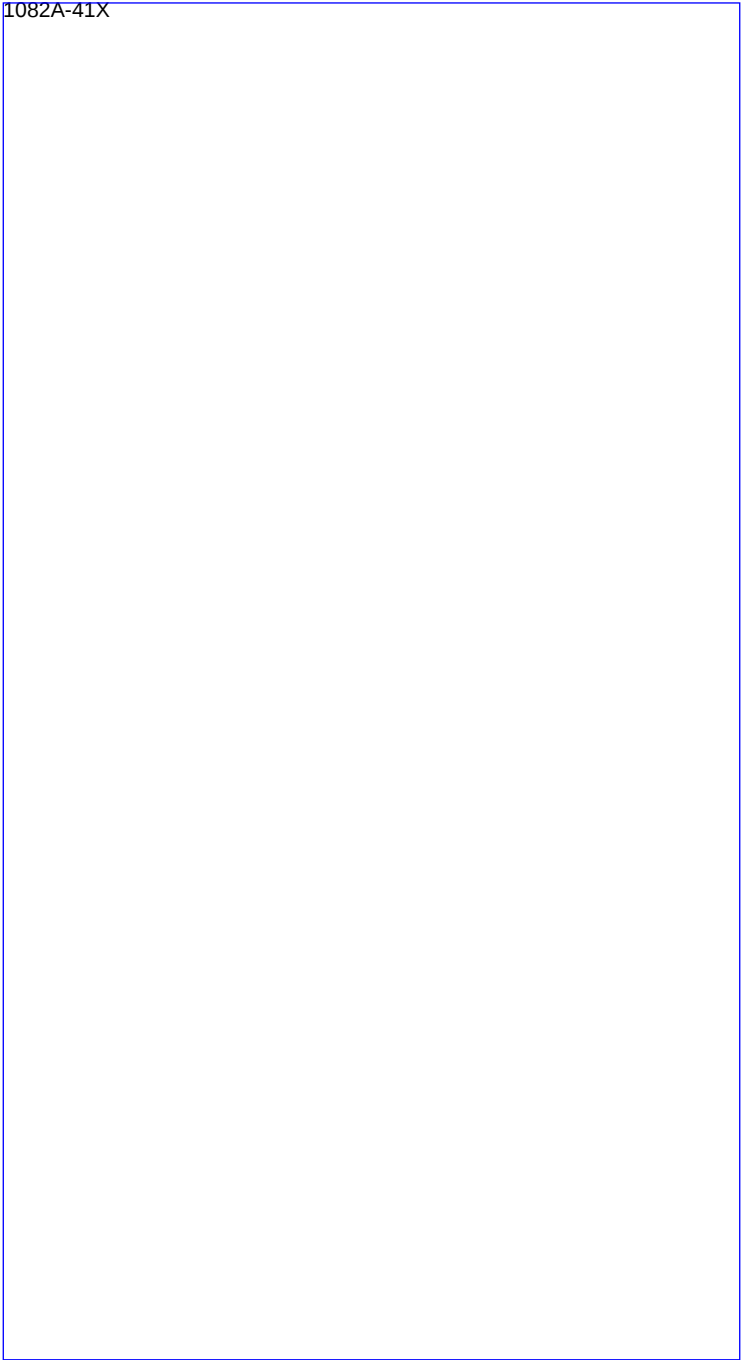
1082A-38X



| 1082A-40X 359.9-369.5 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 40X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1                                 |         |               |          |           |             |        |         |          |        | <div>DIATOM- AND FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY, and DIATOM-BEARING, NANNOFOSSIL AND FORAMINIFER-RICH CLAY</div> <div>The core consists of olive (5Y 4/3), DIATOM- AND FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY, and a DIATOM-BEARING, NANNOFOSSIL AND FORAMINIFER-RICH CLAY. A dark olive gray (5Y 3/2) interval extends from Section 4, 100 cm, to Section 5, 56 cm. There is a gradual change within the sediment.</div> |
| 2                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 6                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 7                                 |         |               |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                                                                                                                                                                                           |



| 1082A-41X 369.5-379.2 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 41X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1                                 |         |               |          |           |             |        |         |          | SS     | <p>NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING CLAY</p> <p>The core consists of olive (5Y 5/3) to dark olive gray (5Y 3/2) NANNOFOSSIL-RICH CLAY, with an intercalated interval of black (5Y 2.5/1) NANNOFOSSIL-BEARING CLAY. This interval is rich in particulate organic matter, and subangular, monocrystalline and polycrystalline, silt-sized quartz grains. It extends from Section 3, 90 cm, to Section 4, 10 cm. There is a gradual change from olive to dark olive colored clay down core.</p> |
| 1.2                               |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 3                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 4                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 6                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 7                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 8                                 |         |               |          |           |             |        |         |          | PAL    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

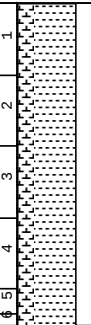


| 1082A-42X 379.2-388.8 mbsf        |         |               |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| Leg 175 Site 1082 Hole A Core 42X |         |               |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                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| 1<br>2<br>3<br>4<br>5<br>6        |         |               |          |           |             |        |         |          | — 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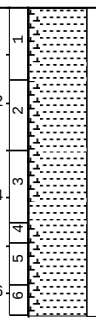
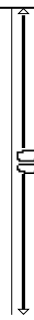
| 1082A-43X 388.8-398.4 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 43X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1<br>2<br>3<br>4<br>5<br>6<br>7   |         |               |          |           |             |        |         |          |        | <p>NANNOFOSSIL-RICH CLAY, NANNOFOSSIL-BEARING CLAY, and NANNOFOSSIL CLAY</p> <p>The core consists of olive (5Y 4/3) NANNOFOSSIL-RICH CLAY, with intercalated intervals of black (5Y 2.5/2) NANNOFOSSIL-BEARING CLAY, and a light olive gray (5Y 6/2) NANNOFOSSIL CLAY. The NANNOFOSSIL-BEARING CLAY interval extends from Section 3, 70 cm, to Section 5, 10 cm. It is rich in particulate organic carbon, and subrounded, silt-sized, monocrystalline quartz grains. It grades over a distance of 50 cm into the olive NANNOFOSSIL-RICH CLAY. The NANNOFOSSIL CLAY interval extends from Section 5, 30 cm, to Section 5, 110 cm. Its upper and lower contacts are gradational over 20 cm.</p> |

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| 1082A-43X |
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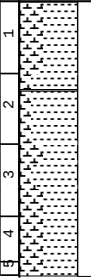
| 1082A-44X 398.4-408.1 mbsf        |         |                                                                                   |          |           |             |        |         |                                                                                   |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 44X |         |                                                                                   |          |           |             |        |         |                                                                                   |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE                  | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1<br>2<br>3<br>4<br>5<br>6        |         |  |          |           |             |        |         |  | SS<br><br>SS<br><br>PAL | <p>FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY, and NANNOFOSSIL-RICH CLAY</p> <p>This core consists of an olive gray (5Y 5/2) FORAMINIFER-BEARING, NANNOFOSSIL-RICH CLAY, with a slightly darker intercalated interval of olive gray (5Y 4/2), NANNOFOSSIL-RICH CLAY. The interval extends from Section 3, 110 cm, to Section 4, 100 cm and is richer in particulate organic matter, and silt-sized subrounded monocrystalline quartz grains. The upper and lower contacts of this interval are gradational over 40 cm.</p> |

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| 1082A-44X |
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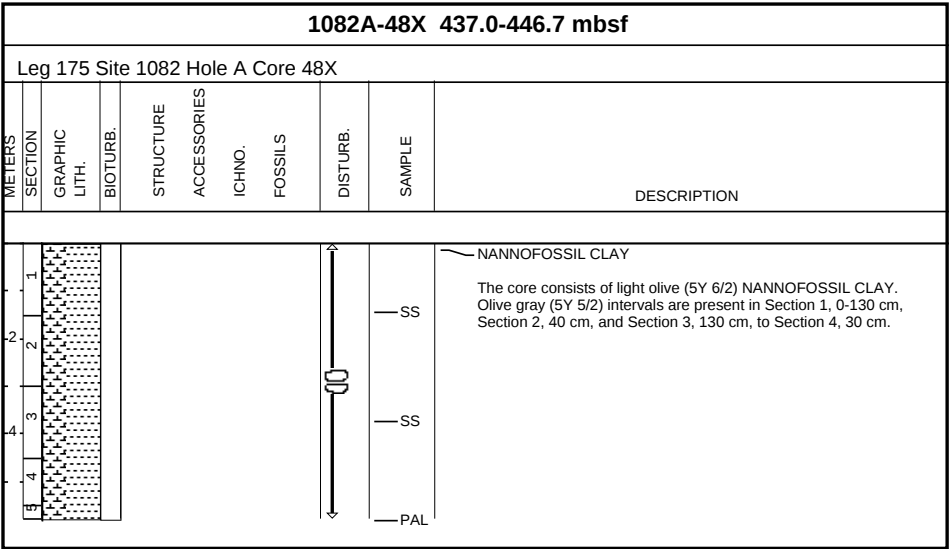


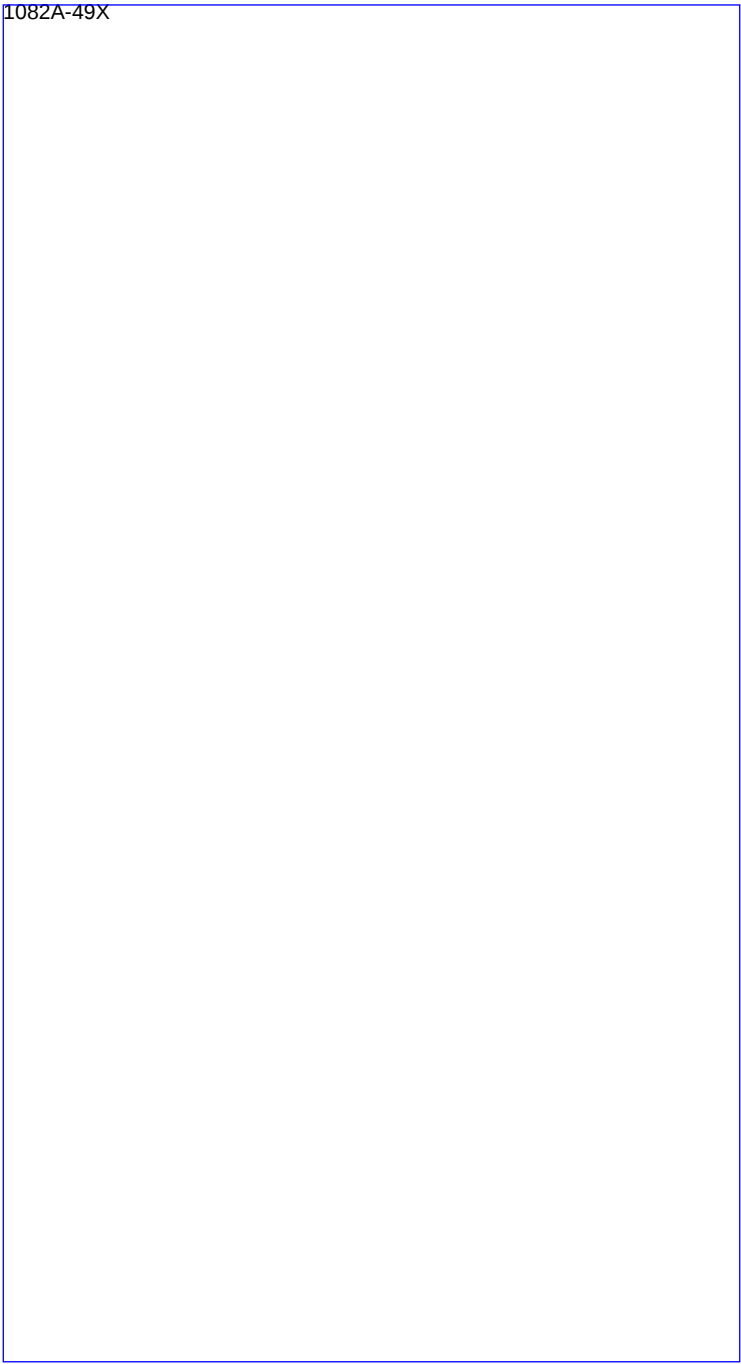
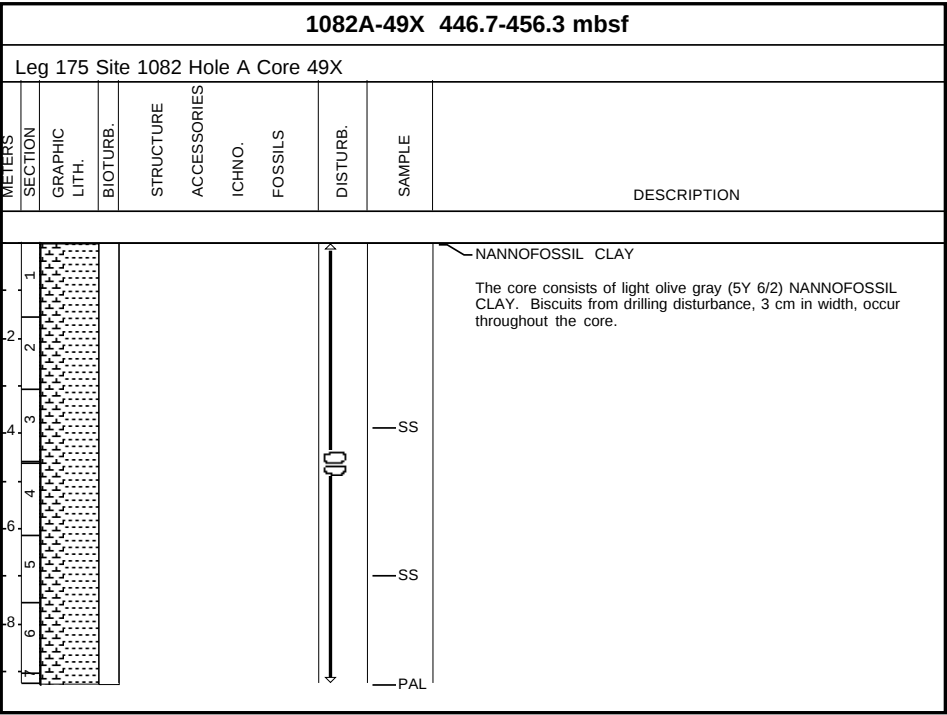
| 1082A-46X 417.7-427.3 mbsf        |         |                                                                                   |          |           |             |        |         |                                                                                   |                                   |                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 46X |         |                                                                                   |          |           |             |        |         |                                                                                   |                                   |                                                                                                                                                                                                                                                                                                                                                |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE                            | DESCRIPTION                                                                                                                                                                                                                                                                                                                                    |
| 1<br>2<br>3<br>4<br>5<br>6        |         |  |          |           |             |        |         |  | SS<br><br>IW<br><br>SS<br><br>PAL | <p>NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING CLAY</p> <p>The core consists of grayish brown (2.5Y 5/2) NANNOFOSSIL-RICH CLAY with intervals of dark grayish brown (2.5Y 4/2) NANNOFOSSIL-BEARING CLAY in Section 1, 120-150 cm, and Section 3, 106- 150 cm. Biscuits from drilling disturbance 4 cm in width occur throughout the core</p> |

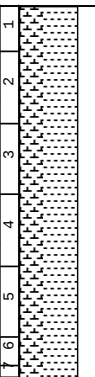


| 1082A-47X 427.3-437.0 mbsf        |         |                                                                                   |          |           |             |        |         |                                                                                   |                     |                                                                                                                                                                                     |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 47X |         |                                                                                   |          |           |             |        |         |                                                                                   |                     |                                                                                                                                                                                     |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE              | DESCRIPTION                                                                                                                                                                         |
| 1<br>2<br>3<br>4<br>5             |         |  |          |           |             |        |         |  | SS<br><br>SS<br>PAL | <p>~ NANNOFOSSIL CLAY and NANNOFOSSIL-RICH CLAY</p> <p>The core contains intercalated light olive gray (5Y 6/2) NANNOFOSSIL CLAY and olive gray (5Y 4/2) NANNOFOSSIL-RICH CLAY.</p> |

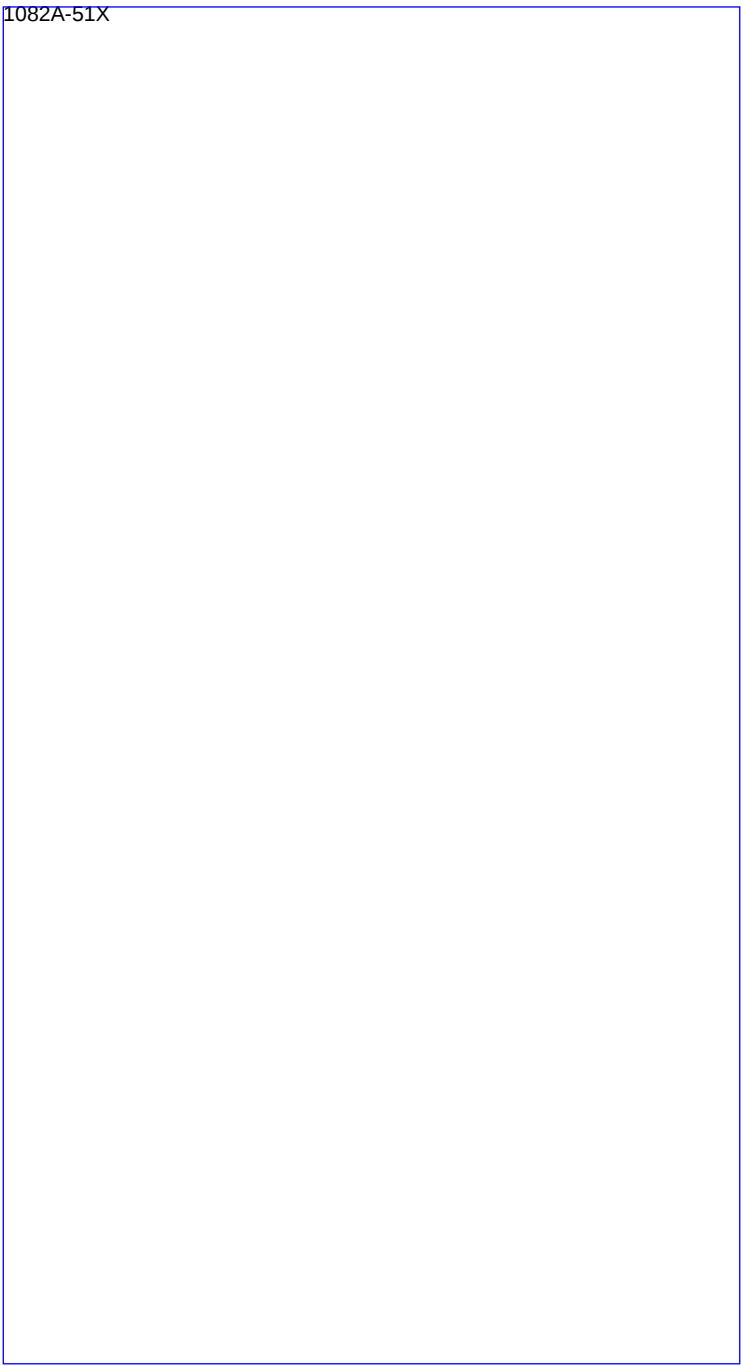
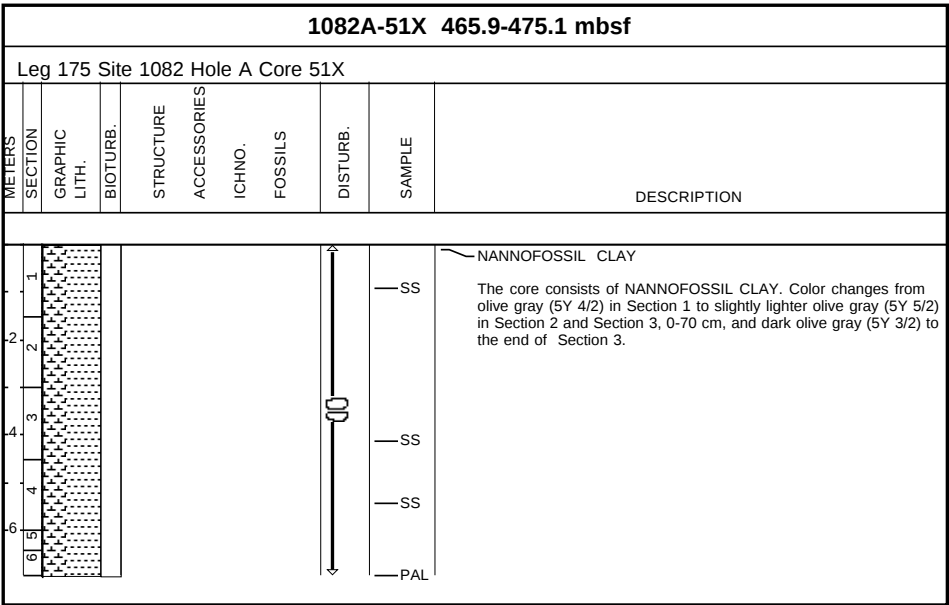
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| 1082A-47X |
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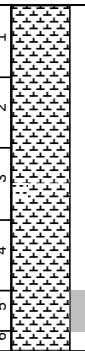
| 1082A-50X 456.3-465.9 mbsf           |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 50X    |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| METERS                               | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1<br>2<br>3<br>4<br>4<br>5<br>6<br>6 |         |  |          |           |             |        |         |  |        | <p>NANNOFOSSIL CLAY and NANNOFOSSIL-RICH CLAY</p> <p>The core consists of intercalated intervals of olive gray (5Y 5/2) NANNOFOSSIL CLAY and dark olive gray (5Y 3/2) NANNOFOSSIL-RICH CLAY. NANNOFOSSIL-RICH CLAY intervals are present within Section 1, 0-17 cm, Section 3, 0- 40 cm, and Section 5, 0- 30 cm. Organic matter is commonly present in the NANNOFOSSIL-RICH CLAY. Section 1 was dropped.</p> <p>SS</p> <p>IW<br/>SS</p> <p>PAL</p> |





| 1082A-52X 475.1-484.7 mbsf        |         |               |          |           |             |                                                                                                                                                |
|-----------------------------------|---------|---------------|----------|-----------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 52X |         |               |          |           |             |                                                                                                                                                |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | DESCRIPTION                                                                                                                                    |
|                                   |         |               |          | ICHNO.    | FOSSILS     |                                                                                                                                                |
|                                   |         |               |          | DISTURB.  | SAMPLE      |                                                                                                                                                |
| 1<br>2<br>3<br>4<br>5<br>6        |         |               |          |           |             | <p>NANNOFOSSIL OOZE</p> <p>The core consists of greenish gray (5GY 6/1) NANNOFOSSIL OOZE.</p> <p>— SS</p> <p>— SS</p> <p>— SS</p> <p>— PAL</p> |

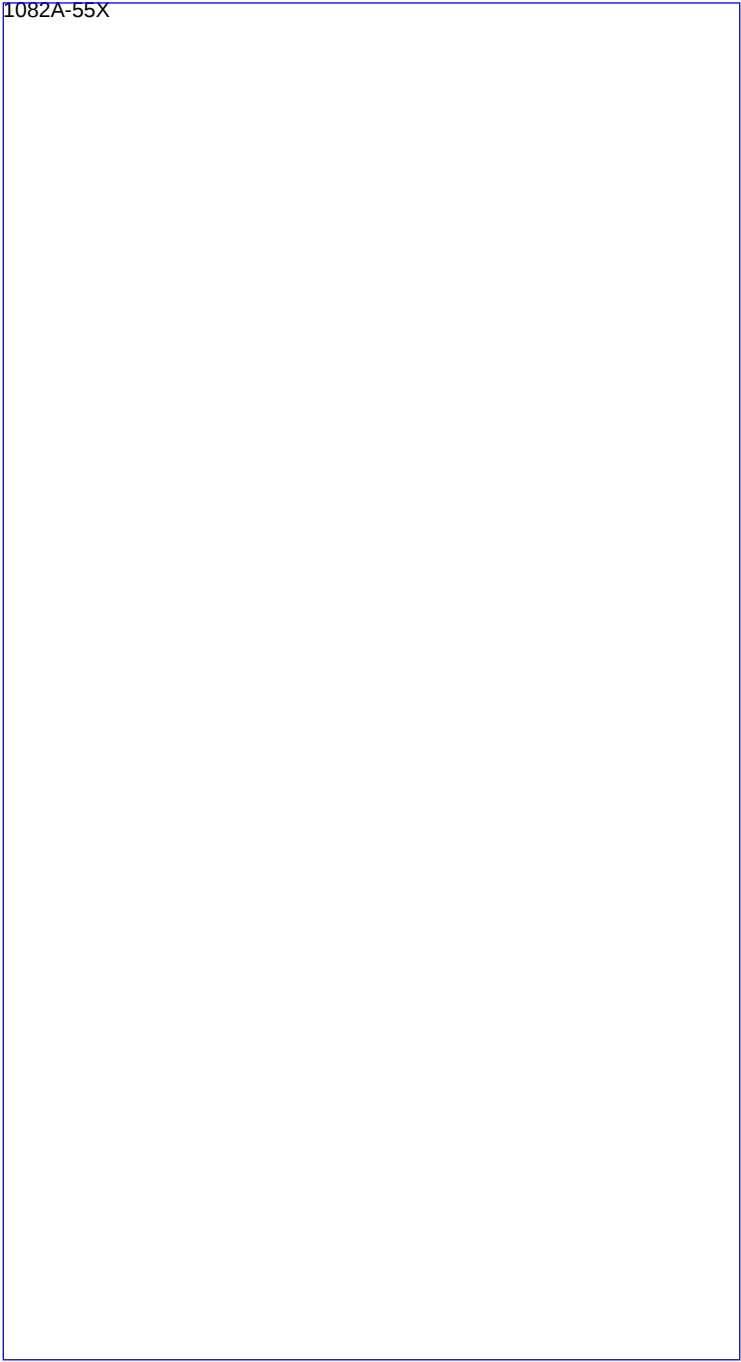
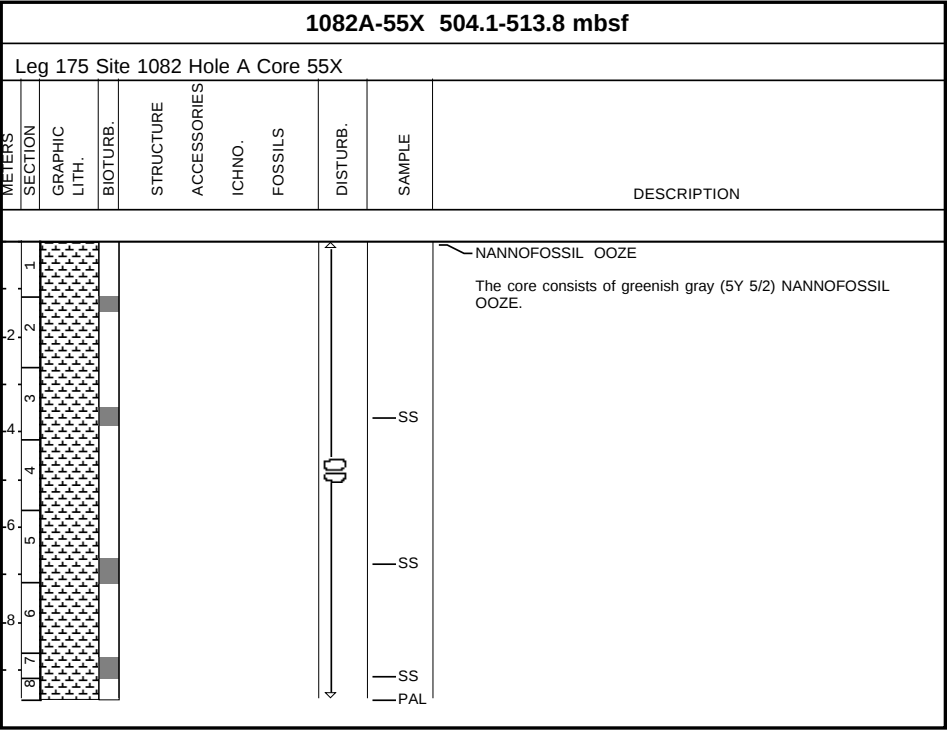
1082A-52X

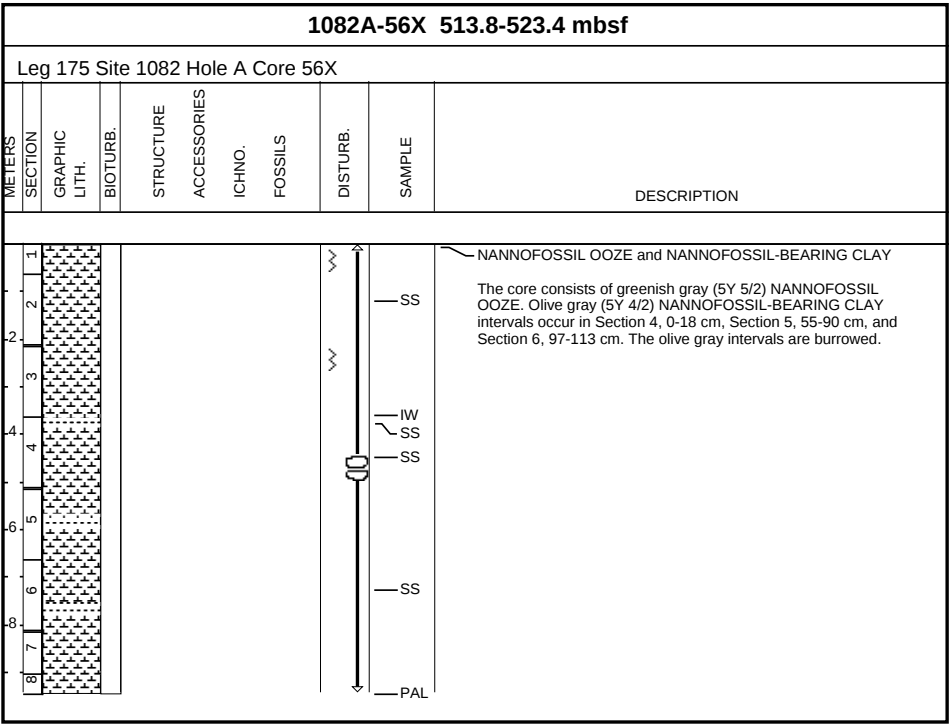
| 1082A-53X 484.7-494.4 mbsf        |         |                                                                                   |          |           |             |        |         |                                                                                   |                             |                                                                                                                                                                                                          |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 53X |         |                                                                                   |          |           |             |        |         |                                                                                   |                             |                                                                                                                                                                                                          |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE                      | DESCRIPTION                                                                                                                                                                                              |
| 1<br>2<br>3<br>4<br>5<br>6        |         |  |          |           |             |        |         |  | SS<br>SS<br>IW<br>SS<br>PAL | <p>~ NANNOFOSSIL OOZE and CLAYEY NANNOFOSSIL OOZE</p> <p>The core consists of greenish gray (5GY 6/1) NANNOFOSSIL OOZE. Section 3, 70-100 cm, is light olive gray (5GY 5/1) CLAYEY NANNOFOSSIL OOZE.</p> |

|           |
|-----------|
| I082A-53X |
|-----------|

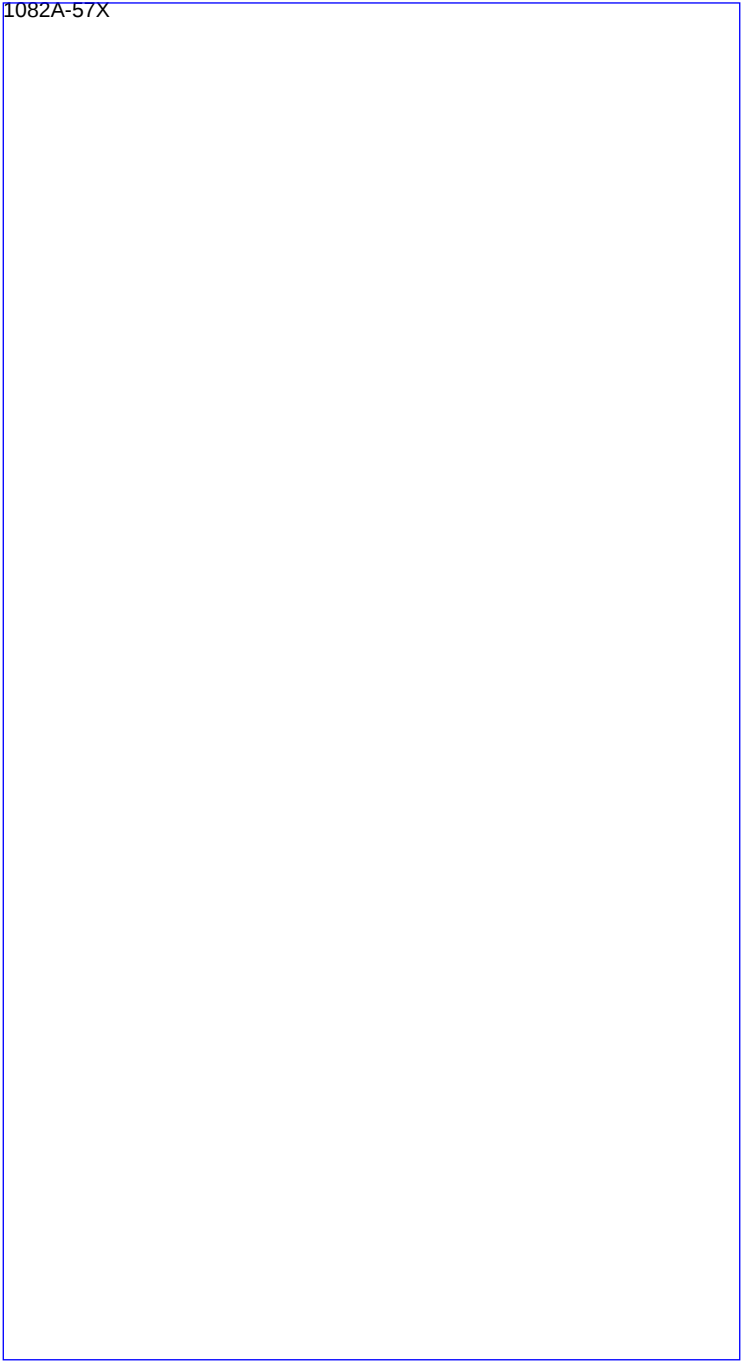
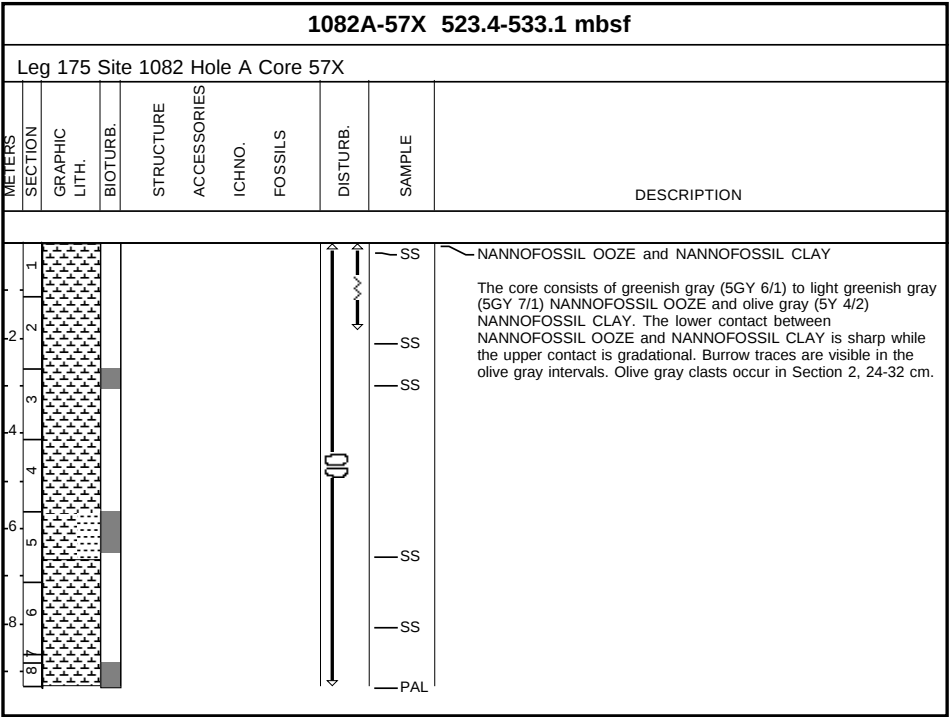
| 1082A-54X 494.4-504.1 mbsf        |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                       |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 54X |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                       |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE | DESCRIPTION                                                                                                                                                                           |
| 1                                 |         |  |          |           |             |        |         |  | SS     | <p>NANNOFOSSIL OOZE and NANNOFOSSIL CLAY</p> <p>The core consists of greenish gray (5Y 6/1) NANNOFOSSIL OOZE. Section 2, 23-77 cm, is light olive gray (5Y 5/2) NANNOFOSSIL CLAY.</p> |
| 2                                 |         |  |          |           |             |        |         |  | SS     |                                                                                                                                                                                       |
| 3                                 |         |  |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                       |
| 4                                 |         |  |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                       |
| 5                                 |         |  |          |           |             |        |         |  | SS     |                                                                                                                                                                                       |
| 6                                 |         |  |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                       |
| 7                                 |         |  |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                       |
| 8                                 |         |  |          |           |             |        |         |  | SS     |                                                                                                                                                                                       |
|                                   |         |                                                                                   |          |           |             |        |         |                                                                                   | PAL    |                                                                                                                                                                                       |

1082A-54X





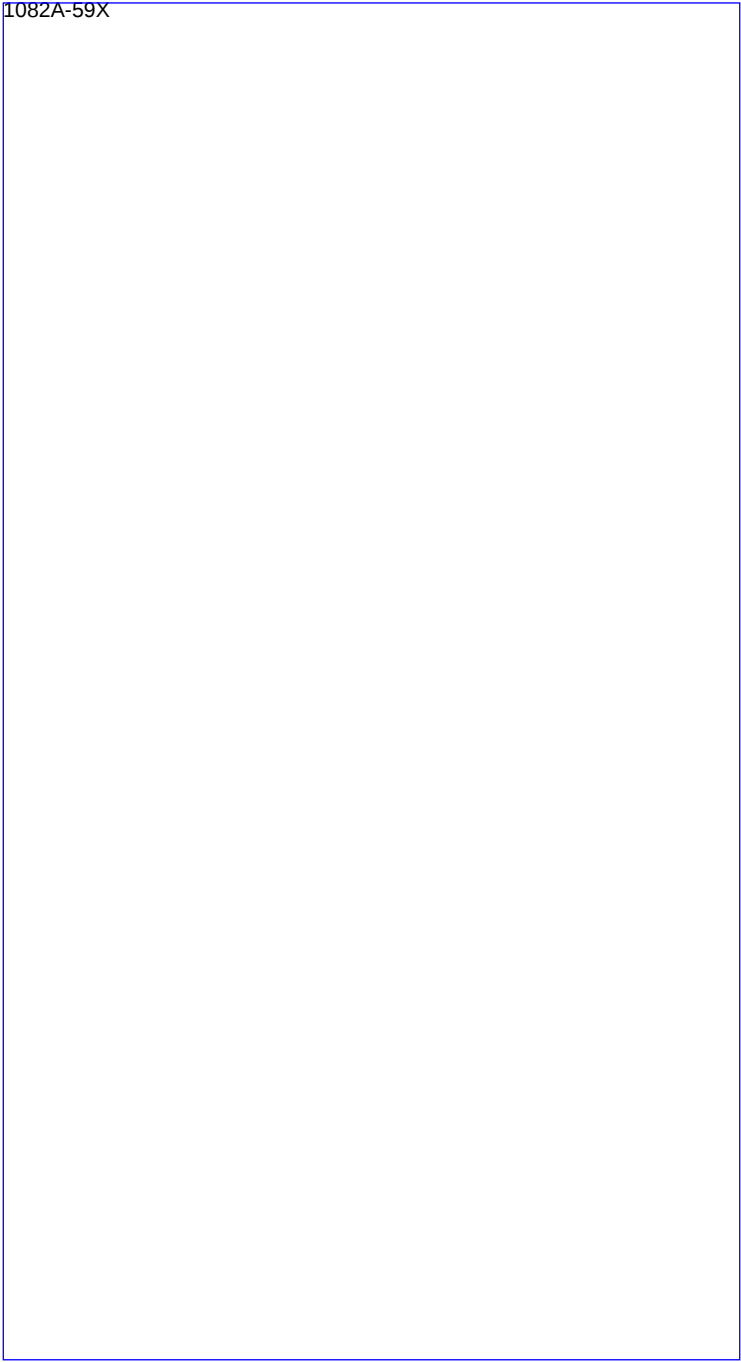
1082A-56X



| 1082A-58X 533.1-542.8 mbsf                |         |               |          |           |             |          |                                                                                                                                                                                                                                                                                 |
|-------------------------------------------|---------|---------------|----------|-----------|-------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 58X         |         |               |          |           |             |          |                                                                                                                                                                                                                                                                                 |
| METERS                                    | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO.   | FOSSILS                                                                                                                                                                                                                                                                         |
|                                           |         |               |          |           |             | DISTURB. | SAMPLE                                                                                                                                                                                                                                                                          |
| DESCRIPTION                               |         |               |          |           |             |          |                                                                                                                                                                                                                                                                                 |
| 0<br>1<br>2<br>3<br>4<br>5<br>6<br>7<br>8 |         |               |          |           |             |          |                                                                                                                                                                                                                                                                                 |
|                                           |         |               |          |           |             |          | <p>NANNOFOSSIL OOZE and CLAYEY NANNOFOSSIL OOZE</p> <p>The core consists of light greenish gray (5G 7/1) NANNOFOSSIL OOZE with an olive gray (5Y 5/2) CLAYEY NANNOFOSSIL OOZE interval from Section 5, 90 cm, to the end of Section 6.</p> <p>— SS</p> <p>— SS</p> <p>— PAL</p> |

1082A-58X

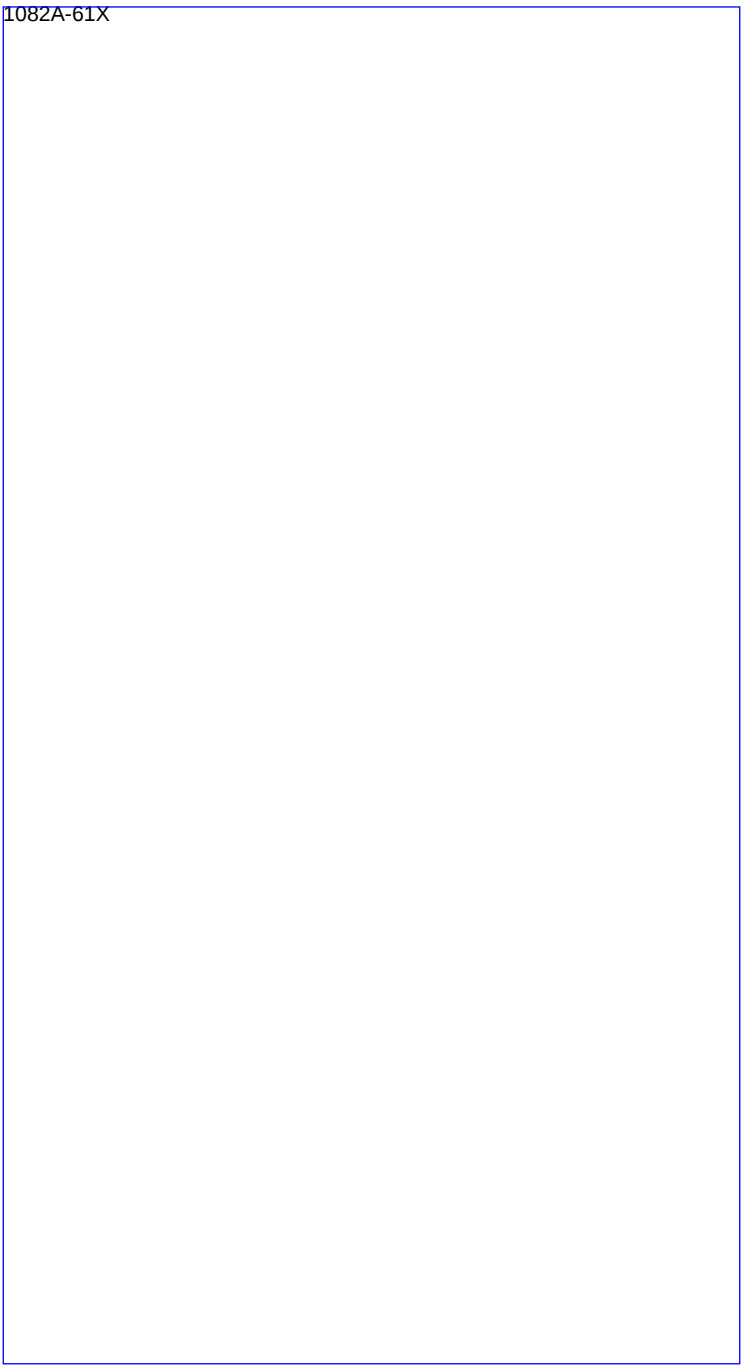
| 1082A-59X 542.8-552.4 mbsf        |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                             |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 59X |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                             |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                 |
| 1                                 |         |  |          |           |             |        |         |          |        | <p>NANNOFOSSIL OOZE</p> <p>The core consists of light greenish gray (5GY 7/1) NANNOFOSSIL OOZE.</p> <p>— SS<br/>— IW<br/>— SS<br/>— PAL</p> |
| 2                                 |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                             |
| 3                                 |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                             |
| 4                                 |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                             |
| 5                                 |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                             |



| 1082A-60X 552.4-562.0 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                 |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|---------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 60X |         |               |          |           |             |        |         |          |        |                                                                                                                                 |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                     |
| 1<br>2<br>3<br>4<br>5<br>6<br>7   |         |               |          |           |             |        |         |          |        | <p>NANNOFOSSIL OOZE</p> <p>The core consists of light greenish gray (5GY 7/1) NANNOFOSSIL OOZE.</p> <p>IW<br/>SS</p> <p>PAL</p> |



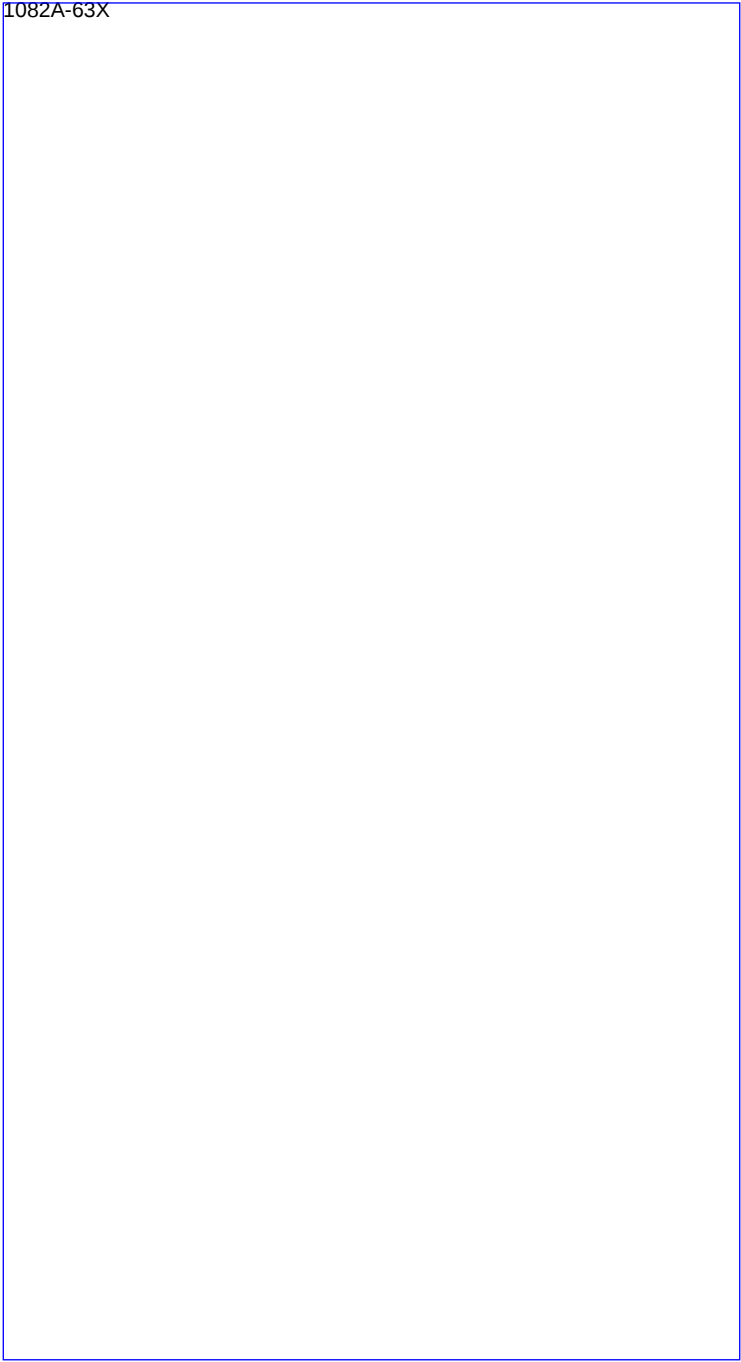
| 1082A-61X 562.0-571.7 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 61X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                    |
| 1                                 |         |               |          |           |             |        |         |          |        | <div><div></div><div>NANNOFOSSIL OOZE</div><div>The core consists of light greenish gray (5Y 7/1) NANNOFOSSIL OOZE.</div><div></div><div>SS</div><div></div><div></div><div></div><div>SS</div><div></div><div>PAL</div></div> |
| 2                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                |
| 5                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                |
| 6                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                |
| 7                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                |
| 8                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                |



| 1082A-62X 571.7-581.3 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 62X |         |               |          |           |             |        |         |          |        |                                                                                                |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                    |
| 1                                 |         |               |          |           |             |        |         |          |        | <p>~ NANNOFOSSIL OOZE</p> <p>The core consists of greenish gray (5Y 6/1) NANNOFOSSIL OOZE.</p> |
| 2                                 |         |               |          |           |             |        |         |          |        |                                                                                                |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                                |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                                |
| 5                                 |         |               |          |           |             |        |         |          |        |                                                                                                |
| 6                                 |         |               |          |           |             |        |         |          |        |                                                                                                |
| 7                                 |         |               |          |           |             |        |         |          |        |                                                                                                |
| 8                                 |         |               |          |           |             |        |         |          |        |                                                                                                |

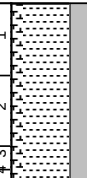


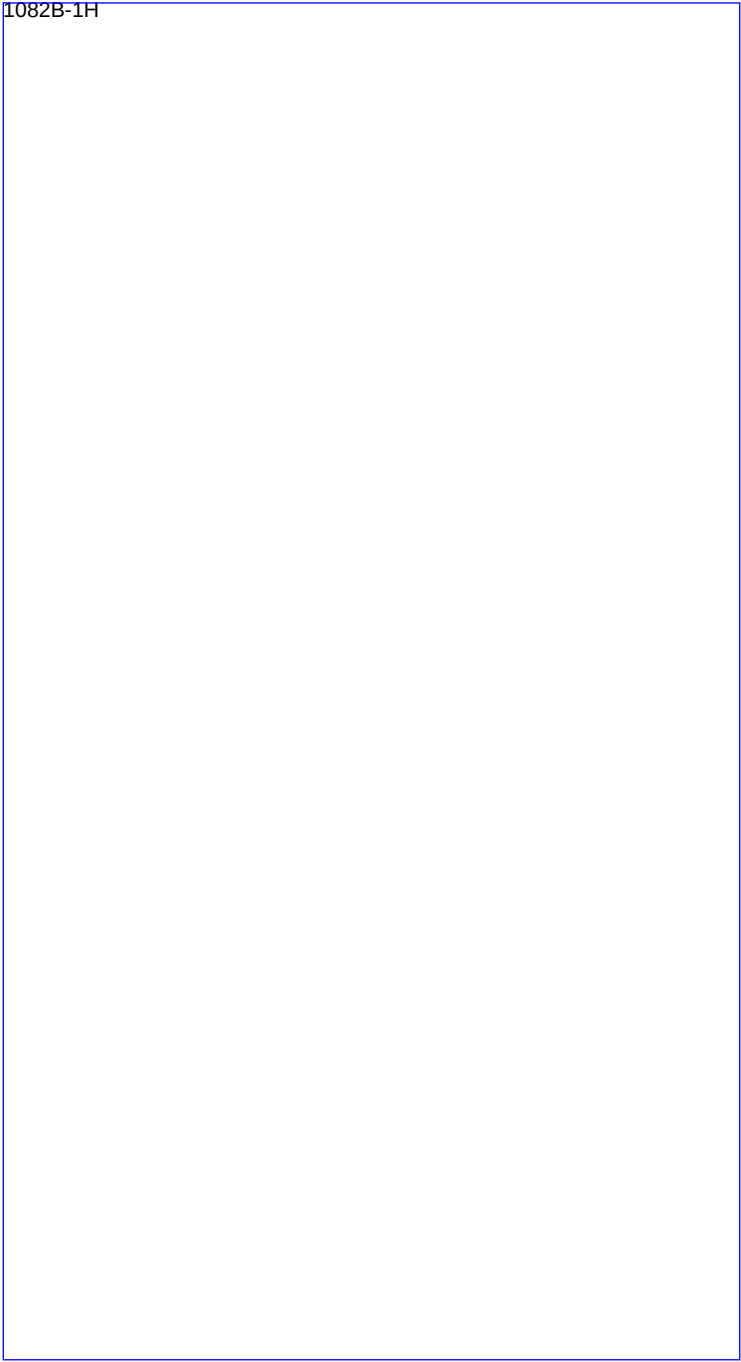
| 1082A-63X 581.3-590.9 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                               |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|-----------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 63X |         |               |          |           |             |        |         |          |        |                                                                                               |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                   |
| 1                                 |         |               |          |           |             |        |         |          |        | NANNOFOSSIL OOZE<br><br>The core consists of light greenish gray ( 5GY 7/1) NANNOFOSSIL OOZE. |
| 2                                 |         |               |          |           |             |        |         |          |        |                                                                                               |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                               |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                               |
| 5                                 |         |               |          |           |             |        |         |          |        |                                                                                               |
| 6                                 |         |               |          |           |             |        |         |          |        |                                                                                               |
| 7                                 |         |               |          |           |             |        |         |          |        |                                                                                               |
| 8                                 |         |               |          |           |             |        |         |          |        |                                                                                               |
|                                   |         |               |          |           |             |        |         |          |        |                                                                                               |
|                                   |         |               |          |           |             |        |         |          |        |                                                                                               |



| 1082A-64X 590.9-600.6 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                  |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole A Core 64X |         |               |          |           |             |        |         |          |        |                                                                                                                                                                  |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                      |
| 1                                 |         |               |          |           |             |        |         |          |        | <p>NANNOFOSSIL OOZE</p> <p>The core consists of gray (5Y 5/1) NANNOFOSSIL OOZE. Burrows range in diameter from 0.4 to 1.0 cm.</p> <p>SS</p> <p>SS</p> <p>PAL</p> |
| 2                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                  |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                  |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                  |
| 5                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                  |
| 6                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                  |
| 7                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                  |
| 8                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                  |
| 9                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                  |



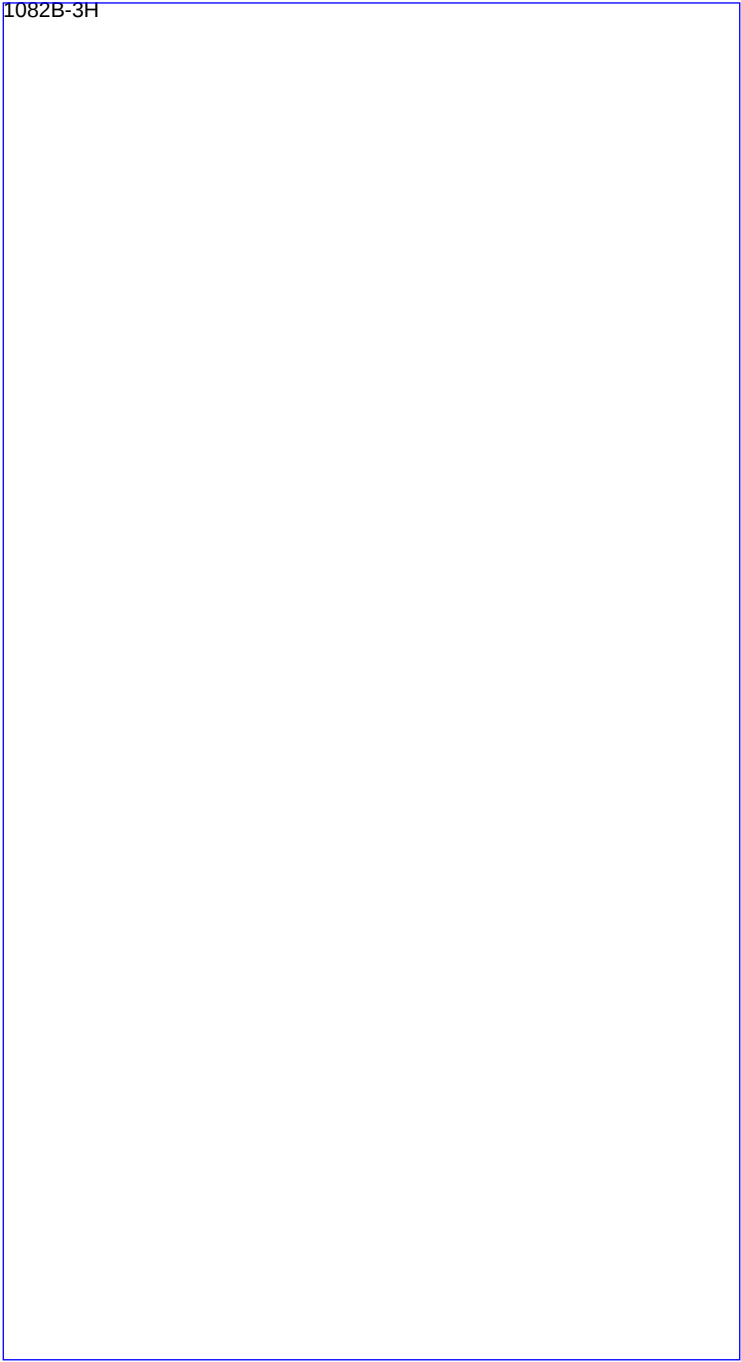
| 1082B-1H 0.0-3.7 mbsf            |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                            |
|----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole B Core 1H |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                            |
| METERS                           | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                |
| 1<br>2<br>3                      |         |  |          |           |             |        |         |          | SS     | <p>DIATOM-BEARING NANNOFOSSIL- AND FORAMINIFER-RICH CLAY</p> <p>The core consists of bioturbated, olive (5Y 5/3) to dark olive gray (5Y 3/2), DIATOM-BEARING NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. A gradual color change from olive to dark olive occurs down core.</p> |

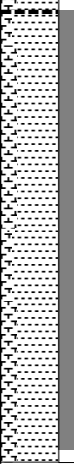


| 1082B-2H 3.7-13.2 mbsf           |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                             |
|----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole B Core 2H |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                             |
| METERS                           | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                 |
| 1                                |         |               |          |           |             |        |         |          |        | NANNOFOSSIL- AND FORAMINIFER-RICH CLAY<br><br>The core consists of an olive (5Y 4/4, 5Y 5/3) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. A subtle color change occurs in the predominantly olive (5Y 4/4) intervals to slightly lighter olive (5Y 5/3) in Sections 3, 4, and 6. |
| 2                                |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                             |
| 3                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                             |
| 4                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                             |
| 5                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                             |
| 6                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                             |
| 7                                |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                             |

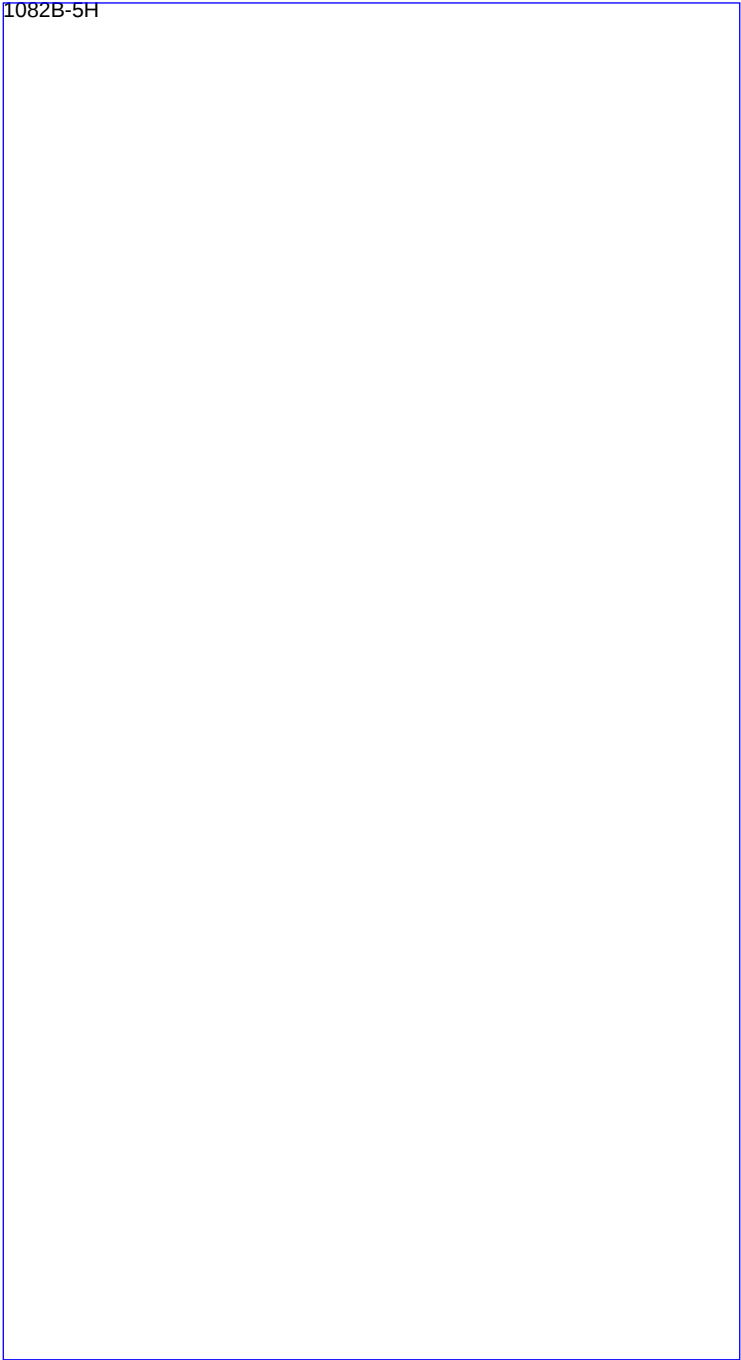
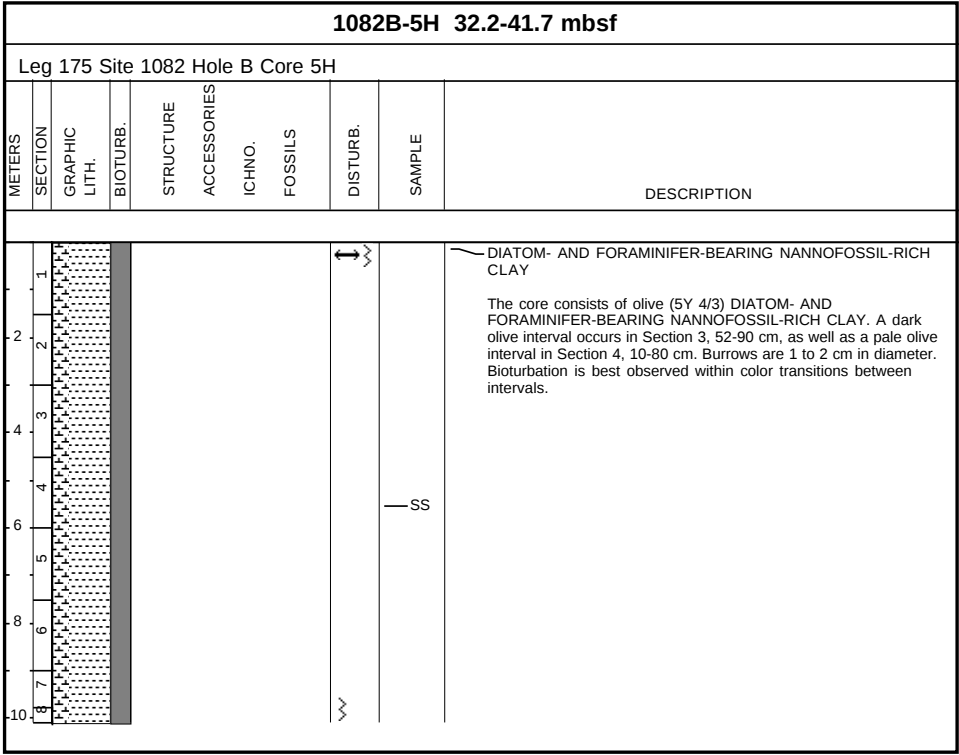


| 1082B-3H 13.2-22.7 mbsf          |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                          |
|----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole B Core 3H |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                          |
| METERS                           | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                              |
| 1                                |         |               |          |           |             |        |         |          |        | <p>NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and NANNOFOSSIL-BEARING CLAY</p> <p>The core consists of olive NANNOFOSSIL- AND FORAMINIFER-RICH CLAY with intervals of dark olive gray (5Y 3/2) NANNOFOSSIL-BEARING CLAY in Sections 4 and 7. The color changes gradationally over 40 cm.</p> |
| 2                                |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                          |
| 3                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                          |
| 4                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                          |
| 5                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                          |
| 6                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                          |
| 7                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                          |
| 8                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                          |
| 9                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                          |
| 10                               |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                          |



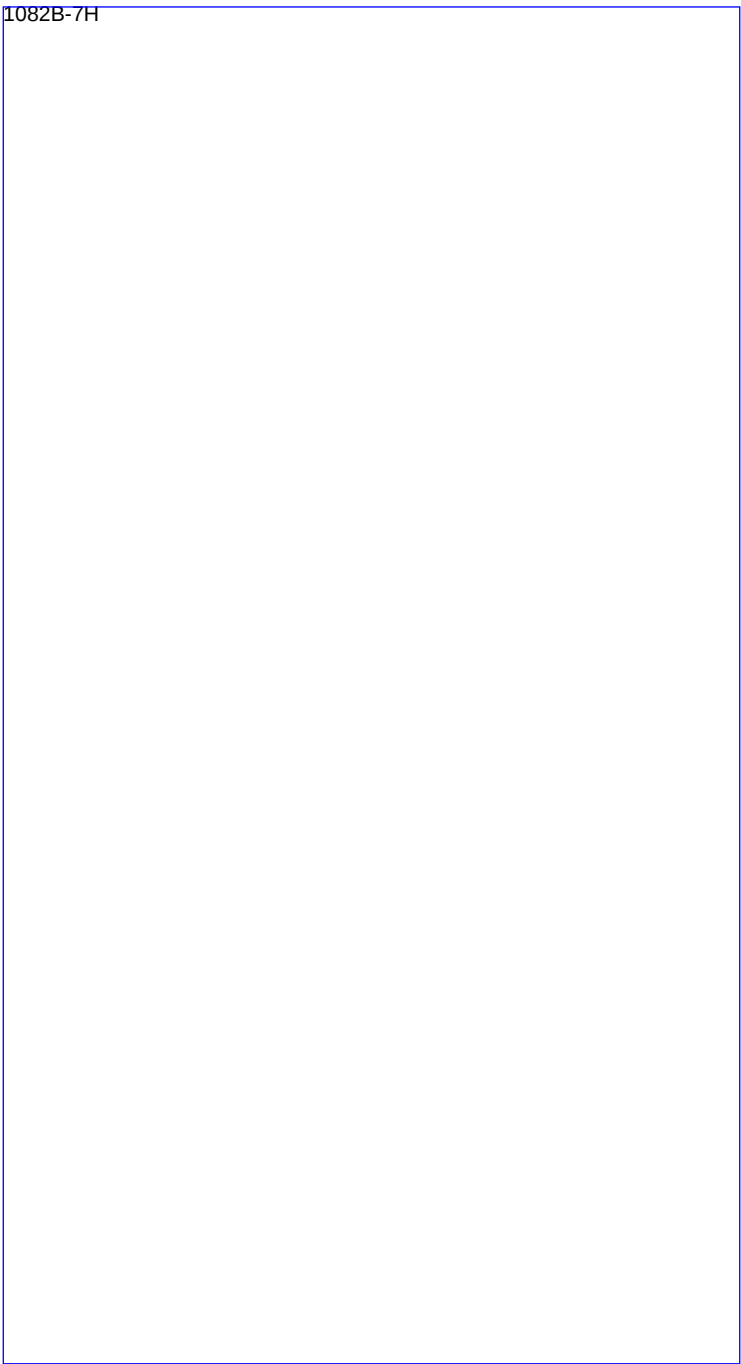
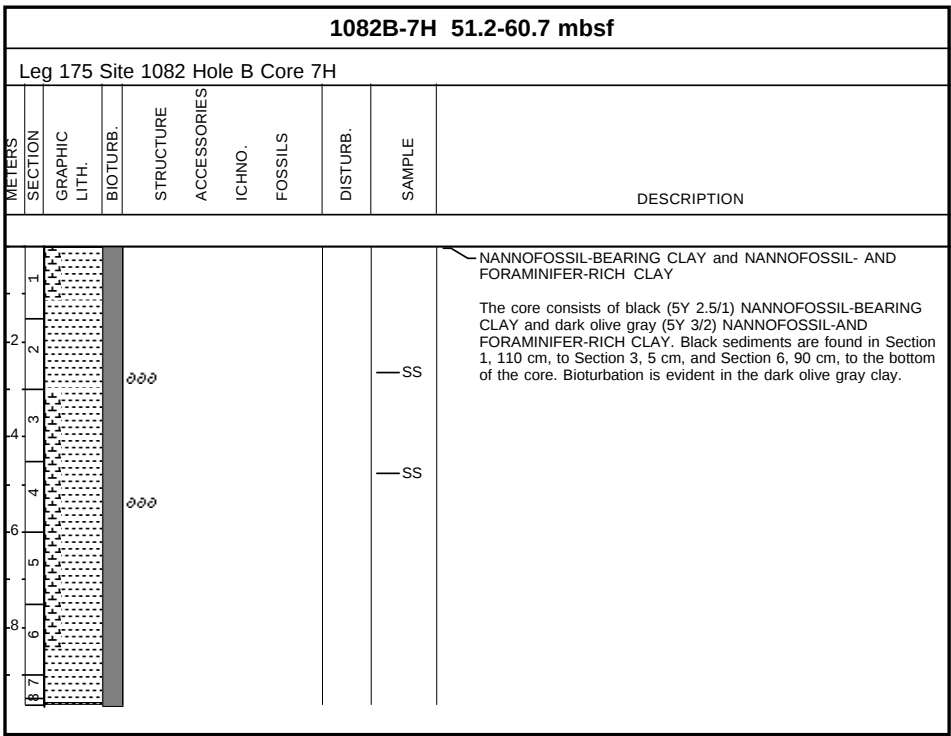
| 1082B-4H 22.7-32.2 mbsf          |         |                                                                                   |          |           |             |         |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|---------|---------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole B Core 4H |         |                                                                                   |          |           |             |         |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| METERS                           | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHTHO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1                                |         |  |          |           |             |         |         |          | SS     | <p>FORAMINIFER- AND NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING FORAMINIFER-RICH CLAY</p> <p>The core consists of olive (5Y 5/3) FORAMINIFER- AND NANNOFOSSIL-RICH CLAY, with intercalated intervals of dark olive gray (5Y 3/2), and olive gray (5Y 4/2) NANNOFOSSIL-BEARING FORAMINIFER-RICH CLAY. A dark olive gray interval extends from Section 1, 30 cm, to Section 1, 80 cm. An olive gray interval extends from Section 4, 50 cm, to Section 5, 30 cm. Darker intervals are rich in organic matter, and subrounded, silt-sized monocrystalline and polycrystalline quartz grains.</p> |
| 2                                |         |                                                                                   |          |           |             |         |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 3                                |         |                                                                                   |          |           |             |         |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 4                                |         |                                                                                   |          |           |             |         |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5                                |         |                                                                                   |          |           |             |         |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 6                                |         |                                                                                   |          |           |             |         |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 7                                |         |                                                                                   |          |           |             |         |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

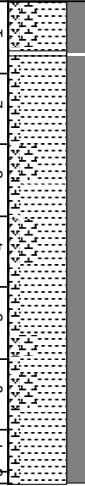




| 1082B-6H 41.7-51.2 mbsf          |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole B Core 6H |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                   |
| METERS                           | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                       |
| 1                                |         |               |          |           |             |        |         |          |        | <p>NANNOFOSSIL-BEARING CLAY and NANNOFOSSIL-RICH CLAY</p> <p>The core consists of olive (5Y 4/3 to 5Y 5/3) and dark olive gray (5Y 3/2) NANNOFOSSIL-BEARING CLAY and NANNOFOSSIL-RICH CLAY. Dark olive gray sediments are found in Section 2, 30 cm, to Section 3, 55 cm, and Section 6, 90 cm, to the bottom of the core. Burrows are 1 to 2 cm in diameter.</p> |
| 2                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                   |
| 3                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                   |
| 4                                |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                   |
| 5                                |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                   |
| 6                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                   |
| 7                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                   |
| 8                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                   |
| 9                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                   |
| 10                               |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                   |





| 1082B-8H 60.7-70.2 mbsf          |         |                                                                                   |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole B Core 8H |         |                                                                                   |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| METERS                           | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      |         |                                                                                   |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1                                | 1       |  |          |           |             |        |         | ~        | NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY<br><br>The core consists of very dark gray (5Y 3/1) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and olive (5Y 4/3) DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY. The very dark gray sediments are observed in Section 1, 110-150 cm, and Section 4, 110 cm, to Section 5, 100 cm, while olive colored clay is predominant in Section 3, 0-80 cm, and Section 6, 30-110 cm. |
| 2                                | 2       |                                                                                   |          |           |             |        |         | ~        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 3                                | 3       |                                                                                   |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 4                                | 4       |                                                                                   |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 5                                | 5       |                                                                                   |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 6                                | 6       |                                                                                   |          |           |             |        |         | —SS      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 7                                | 7       |                                                                                   |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 8                                | 8       |                                                                                   |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 9                                | 9       |                                                                                   |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 10                               | 10      |                                                                                   |          |           |             |        |         |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |



| 1082B-9H 70.2-79.7 mbsf          |         |               |          |           |             |        |         |          |        |
|----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|
| Leg 175 Site 1082 Hole B Core 9H |         |               |          |           |             |        |         |          |        |
| METERS                           | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE |
| DESCRIPTION                      |         |               |          |           |             |        |         |          |        |
| 1                                |         |               |          |           |             |        |         |          |        |
| 2                                |         |               |          |           |             |        |         |          |        |
| 3                                |         |               |          |           |             |        |         |          |        |
| 4                                |         |               |          |           |             |        |         |          |        |
| 5                                |         |               |          |           |             |        |         |          |        |
| 6                                |         |               |          |           |             |        |         |          |        |
| 7                                |         |               |          |           |             |        |         |          |        |
| 8                                |         |               |          |           |             |        |         |          |        |
| 9                                |         |               |          |           |             |        |         |          |        |
| 10                               |         |               |          |           |             |        |         |          |        |

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| 1082B-9H |
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| 1082B-10H 79.7-89.2 mbsf          |         |               |          |           |             |        |         |          |        |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|
| Leg 175 Site 1082 Hole B Core 10H |         |               |          |           |             |        |         |          |        |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE |
| DESCRIPTION                       |         |               |          |           |             |        |         |          |        |
| 1                                 |         |               |          |           |             |        |         |          |        |
| 2                                 |         |               |          |           |             |        |         |          |        |
| 3                                 |         |               |          |           |             |        |         |          |        |
| 4                                 |         |               |          |           |             |        |         |          |        |
| 5                                 |         |               |          |           |             |        |         |          |        |
| 6                                 |         |               |          |           |             |        |         |          |        |
| 7                                 |         |               |          |           |             |        |         |          |        |
| 8                                 |         |               |          |           |             |        |         |          |        |
| 9                                 |         |               |          |           |             |        |         |          |        |
| 10                                |         |               |          |           |             |        |         |          |        |

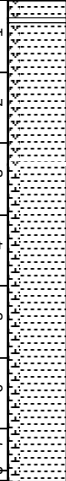


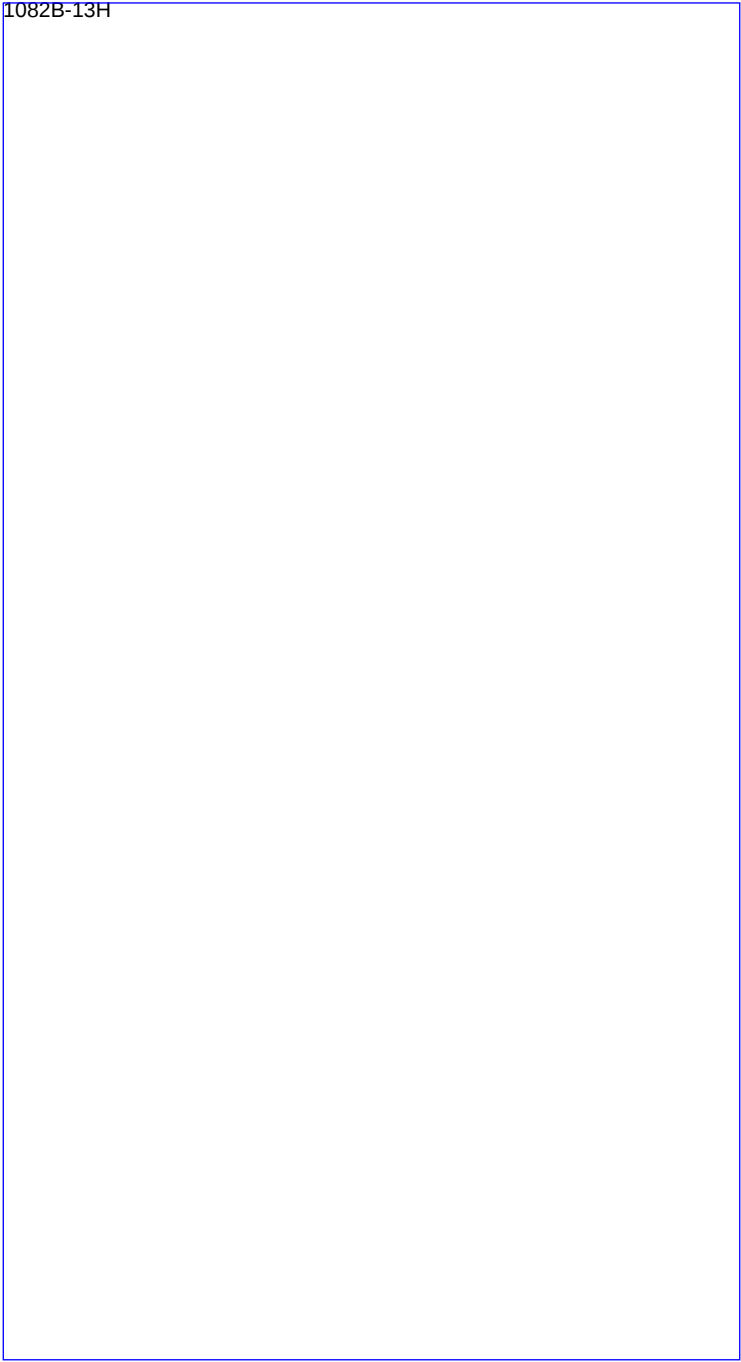
| 1082B-11H 89.2-98.7 mbsf          |         |               |          |           |             |         |         |          |
|-----------------------------------|---------|---------------|----------|-----------|-------------|---------|---------|----------|
| Leg 175 Site 1082 Hole B Core 11H |         |               |          |           |             |         |         |          |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHTHO. | FOSSILS | DISTURB. |
|                                   |         |               |          |           |             |         |         | SAMPLE   |
| DESCRIPTION                       |         |               |          |           |             |         |         |          |
| 1                                 |         |               |          |           |             |         |         |          |
| 2                                 |         |               |          |           |             |         |         |          |
| 3                                 |         |               |          |           |             |         |         |          |
| 4                                 |         |               |          |           |             |         |         |          |
| 5                                 |         |               |          |           |             |         |         |          |
| 6                                 |         |               |          |           |             |         |         |          |
| 7                                 |         |               |          |           |             |         |         |          |
| 8                                 |         |               |          |           |             |         |         |          |
| 9                                 |         |               |          |           |             |         |         |          |
| 10                                |         |               |          |           |             |         |         |          |

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| I082B-11H |
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| 1082B-12H 98.7-108.2 mbsf         |         |               |          |           |             |        |         |          |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|
| Leg 175 Site 1082 Hole B Core 12H |         |               |          |           |             |        |         |          |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS |          |
|                                   |         |               |          |           |             |        |         | DISTURB. |
|                                   |         |               |          |           |             |        |         | SAMPLE   |
| DESCRIPTION                       |         |               |          |           |             |        |         |          |
| 1                                 |         |               |          |           |             |        |         |          |
| 2                                 |         |               |          |           |             |        |         |          |
| 3                                 |         |               |          |           |             |        |         |          |
| 4                                 |         |               |          |           |             |        |         |          |
| 5                                 |         |               |          |           |             |        |         |          |
| 6                                 |         |               |          |           |             |        |         |          |
| 7                                 |         |               |          |           |             |        |         |          |
| 8                                 |         |               |          |           |             |        |         |          |
| 10                                |         |               |          |           |             |        |         |          |

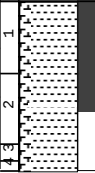
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| 1082B-12H |
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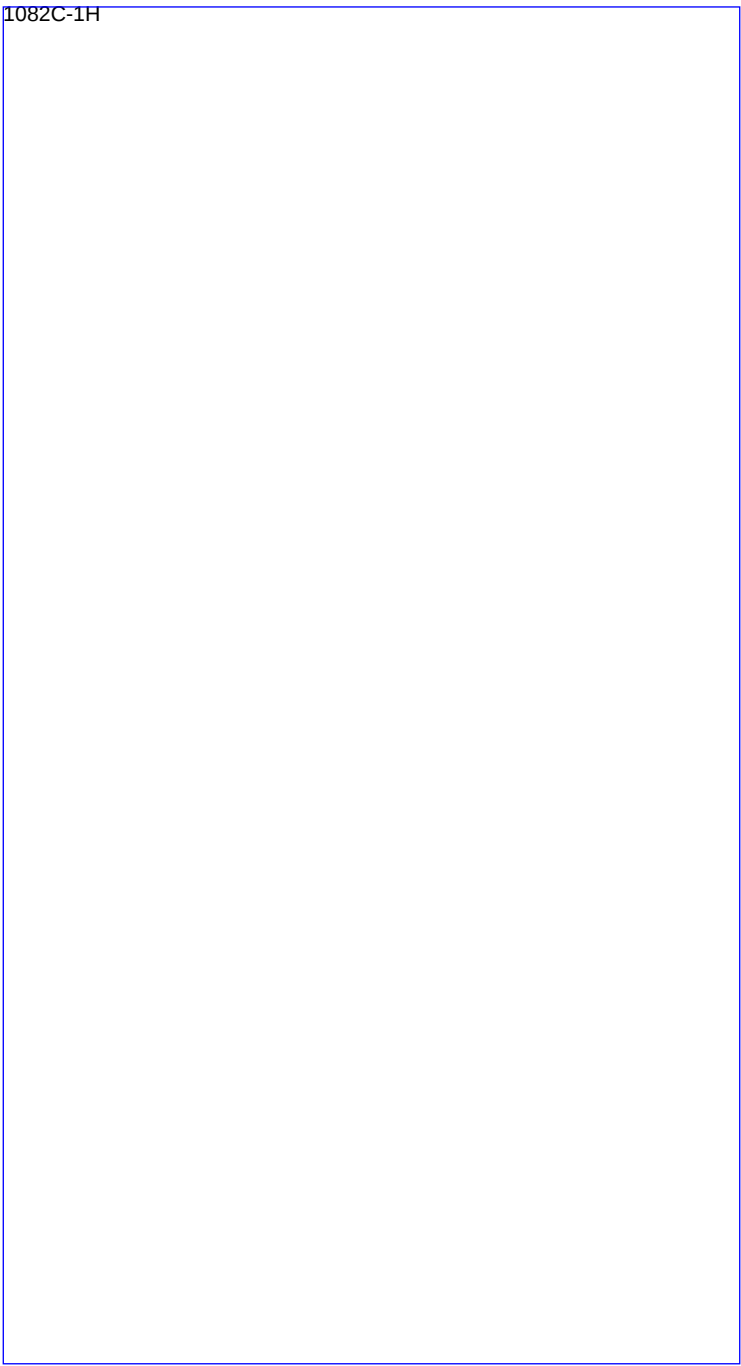
| 1082B-13H 108.2-117.7 mbsf        |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                           |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole B Core 13H |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                           |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE | DESCRIPTION                                                                                                                                                                                                                               |
| 1                                 |         |  |          |           |             |        |         |  | — SS   | <p>NANNOFOSSIL-BEARING DIATOM-RICH CLAY and DIATOM-BEARING NANNOFOSSIL-RICH CLAY</p> <p>The core consists of dark olive gray (5Y 3/2) DIATOM-BEARING NANNOFOSSIL-RICH CLAY and black (5Y 2.5/2) NANNOFOSSIL-BEARING DIATOM-RICH CLAY.</p> |
| 2                                 |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                           |
| 3                                 |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                           |
| 4                                 |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                           |
| 5                                 |         |                                                                                   |          |           |             |        |         |                                                                                   | — SS   |                                                                                                                                                                                                                                           |
| 6                                 |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                           |
| 7                                 |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                           |
| 8                                 |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                           |
| 9                                 |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                           |
| 10                                |         |                                                                                   |          |           |             |        |         |                                                                                   | — SS   |                                                                                                                                                                                                                                           |



| 1082B-14H 117.7-127.0 mbsf        |         |                                                                                   |          |           |             |        |         |          |                                                |                                                                                                                                                                                                                                               |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole B Core 14H |         |                                                                                   |          |           |             |        |         |          |                                                |                                                                                                                                                                                                                                               |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE                                         | DESCRIPTION                                                                                                                                                                                                                                   |
| 1<br>2<br>3<br>4<br>5<br>6<br>8   |         |  |          |           |             |        |         | ✓✓       | SS<br><br><br><br><br>SS<br><br><br><br><br>SS | <p>DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY and DIATOM- AND NANNOFOSSIL-RICH CLAY</p> <p>The core consists of olive gray (5Y 4/2) DIATOM-BEARING NANNOFOSSIL-RICH CLAY and olive (5Y 4/3) DIATOM- AND NANNOFOSSIL-RICH CLAY.</p> |



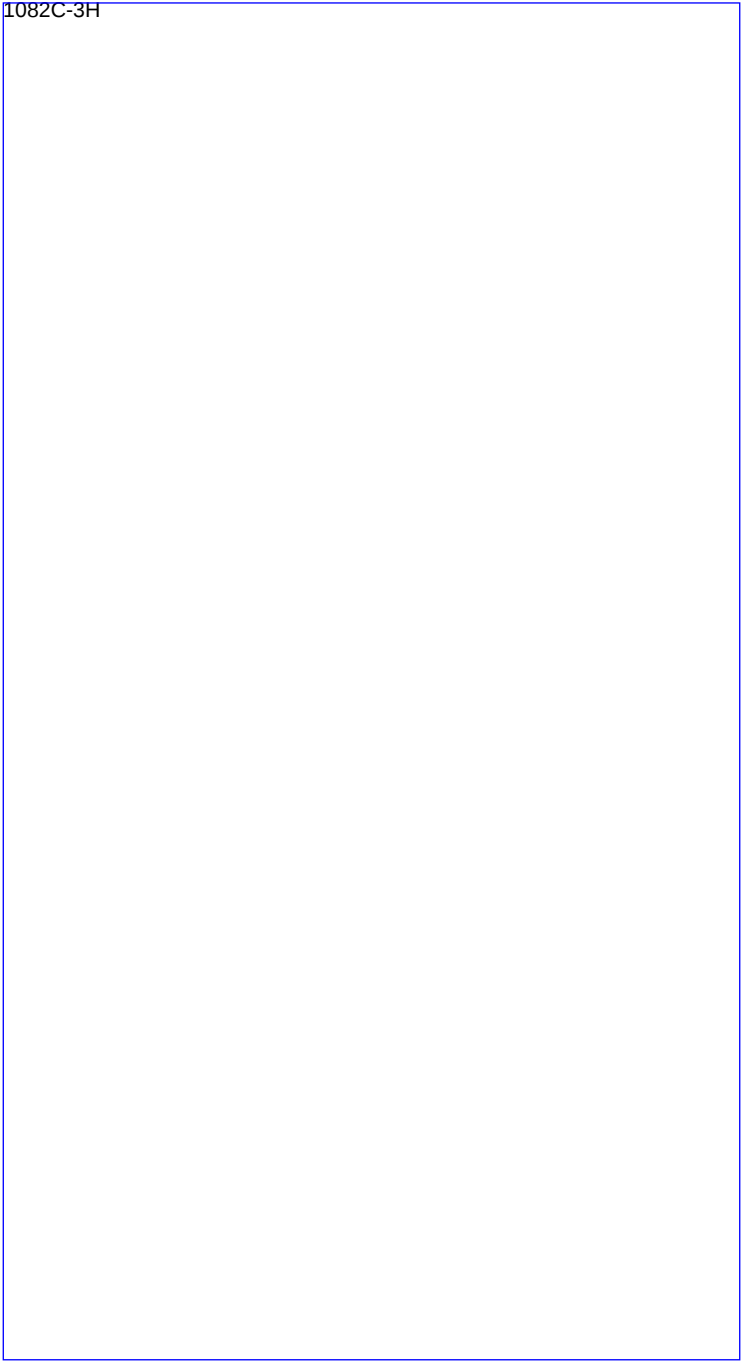
| 1082C-1H 0.0-3.5 mbsf            |         |                                                                                   |          |           |             |        |         |          |              |                                                                                                                                                                                                                                                                                              |
|----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 1H |         |                                                                                   |          |           |             |        |         |          |              |                                                                                                                                                                                                                                                                                              |
| METERS                           | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE       | DESCRIPTION                                                                                                                                                                                                                                                                                  |
| 1<br>2<br>3                      |         |  |          |           |             |        |         | ∞∞       | SS<br><br>SS | <div>DIATOM-BEARING NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and NANNOFOSSIL-BEARING FORAMINIFER-RICH CLAY</div> <div>The core consists of olive (5Y 4/2) DIATOM-BEARING, NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and dark olive gray (5Y 3/2) NANNOFOSSIL-BEARING FORAMINIFER-RICH CLAY.</div> |



| 1082C-2H 3.5-13.0 mbsf               |         |               |          |           |             |        |         |          |                        |                                                                                                                                                                                                                                                                |
|--------------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 2H     |         |               |          |           |             |        |         |          |                        |                                                                                                                                                                                                                                                                |
| METERS                               | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE                 | DESCRIPTION                                                                                                                                                                                                                                                    |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8 |         |               |          |           |             |        |         |          | SS<br><br>SS<br><br>SS | <p>NANNOFOSSIL- AND FORAMINIFER-RICH CLAY</p> <p>The core consists of olive (5Y 4/3) and olive gray (5Y 4/2) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY. The gradual color change in Section 4 coincides with a slight increase in abundances of nannofossils.</p> |

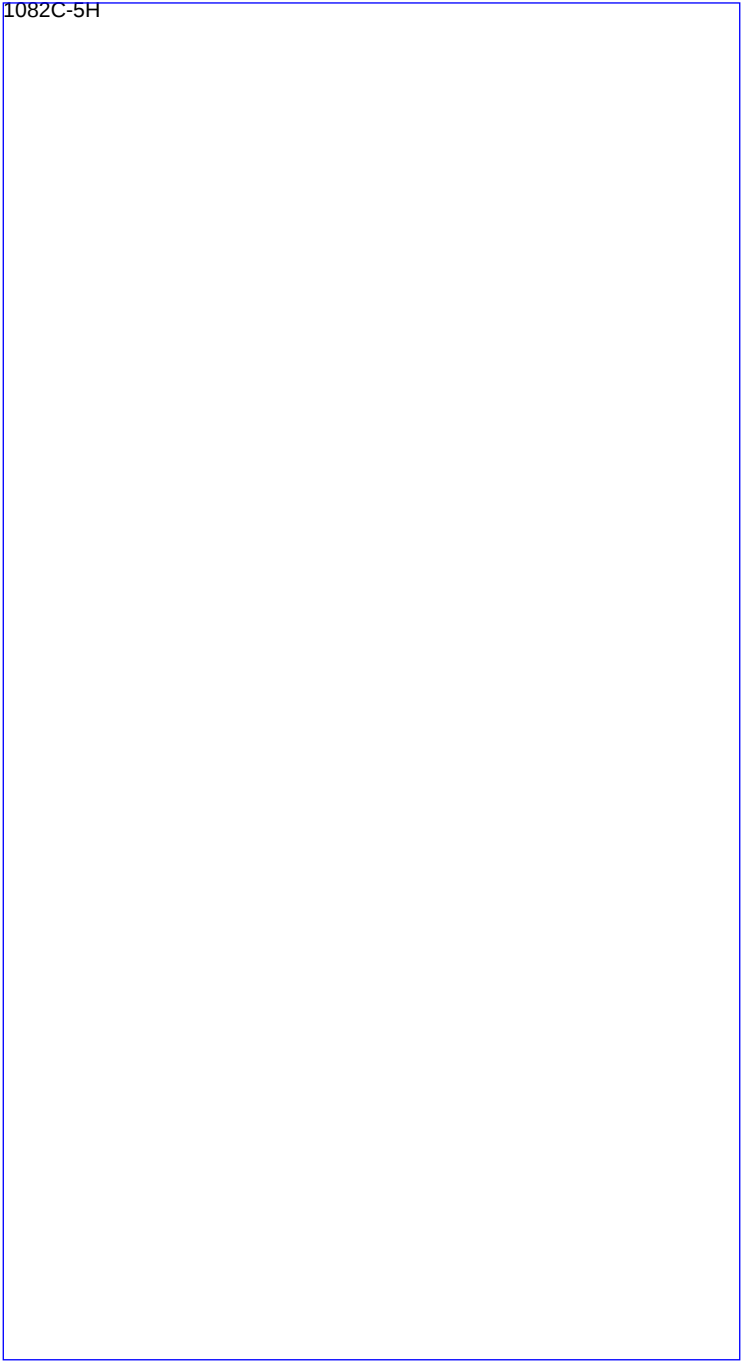
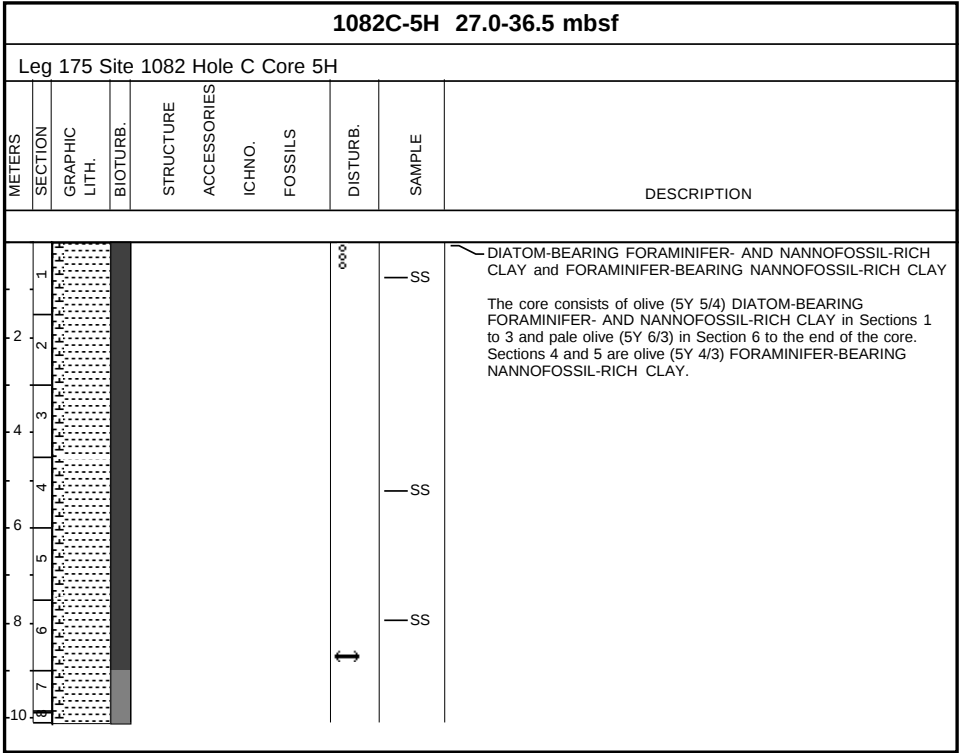
1082C-2H

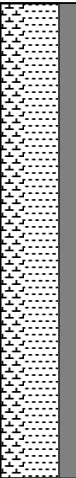
| 1082C-3H 13.0-22.5 mbsf          |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 3H |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                       |
| METERS                           | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                           |
| 1                                |         |               |          |           |             |        |         |          |        | <p>NANNOFOSSIL- AND FORAMINIFER-RICH CLAY, NANNOFOSSIL-RICH CLAY, and DIATOM-, NANNOFOSSIL- AND FORAMINIFER-BEARING CLAY</p> <p>The core consists of olive (5Y 4/3) NANNOFOSSIL- AND FORAMINIFER-RICH CLAY and NANNOFOSSIL-RICH CLAY. The core contains short intervals of very dark grayish brown (2.5Y 3/2) DIATOM-, NANNOFOSSIL- AND FORAMINIFER-BEARING CLAY.</p> |
| 2                                |         |               |          |           |             |        |         |          | —SS    |                                                                                                                                                                                                                                                                                                                                                                       |
| 3                                |         |               |          |           |             |        |         |          | —SS    |                                                                                                                                                                                                                                                                                                                                                                       |
| 4                                |         |               |          |           |             |        |         |          | —SS    |                                                                                                                                                                                                                                                                                                                                                                       |
| 5                                |         |               |          |           |             |        |         |          |        | <p>ððð</p>                                                                                                                                                                                                                                                                                                                                                            |
| 6                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                       |
| 7                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                       |
| 8                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                       |
| 9                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                       |
| 10                               |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                       |



| 1082C-4H 22.5-27.0 mbsf          |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 4H |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| METERS                           | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1                                |         |  |          |           |             |        |         | ~        | SS     | DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY, FORAMINIFER- AND NANNOFOSSIL-BEARING CLAY, FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY, and FORAMINIFER-BEARING NANNOFOSSIL CLAY<br><br>The core consists of DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY, FORAMINIFER- AND NANNOFOSSIL-BEARING CLAY, FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY, and FORAMINIFER-BEARING NANNOFOSSIL CLAY. Sections 1, 2, and Section 3, 0-60 cm, are olive (5Y 4/3) and dark olive gray (5Y 3/2) DIATOM- AND FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY. Section 3, 60-150 cm, is dark olive gray (5Y 3/2) FORAMINIFER- AND NANNOFOSSIL-BEARING CLAY. Section 4 to Section 5, 100 cm, and Section 6, 30 cm, to the core catcher are olive (5Y 4/3) FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY. Section 5, 100 cm, to Section 6, 30 cm is dark olive gray (5Y 3/2) FORAMINIFER-BEARING NANNOFOSSIL CLAY. |
| 2                                |         |                                                                                   |          |           |             |        |         | ooo ~    | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 3                                |         |                                                                                   |          |           |             |        |         | ~        | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 4                                |         |                                                                                   |          |           |             |        |         | ~        | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 5                                |         |                                                                                   |          |           |             |        |         | ~        | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 6                                |         |                                                                                   |          |           |             |        |         | ~        | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 7                                |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 8                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 9                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 10                               |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

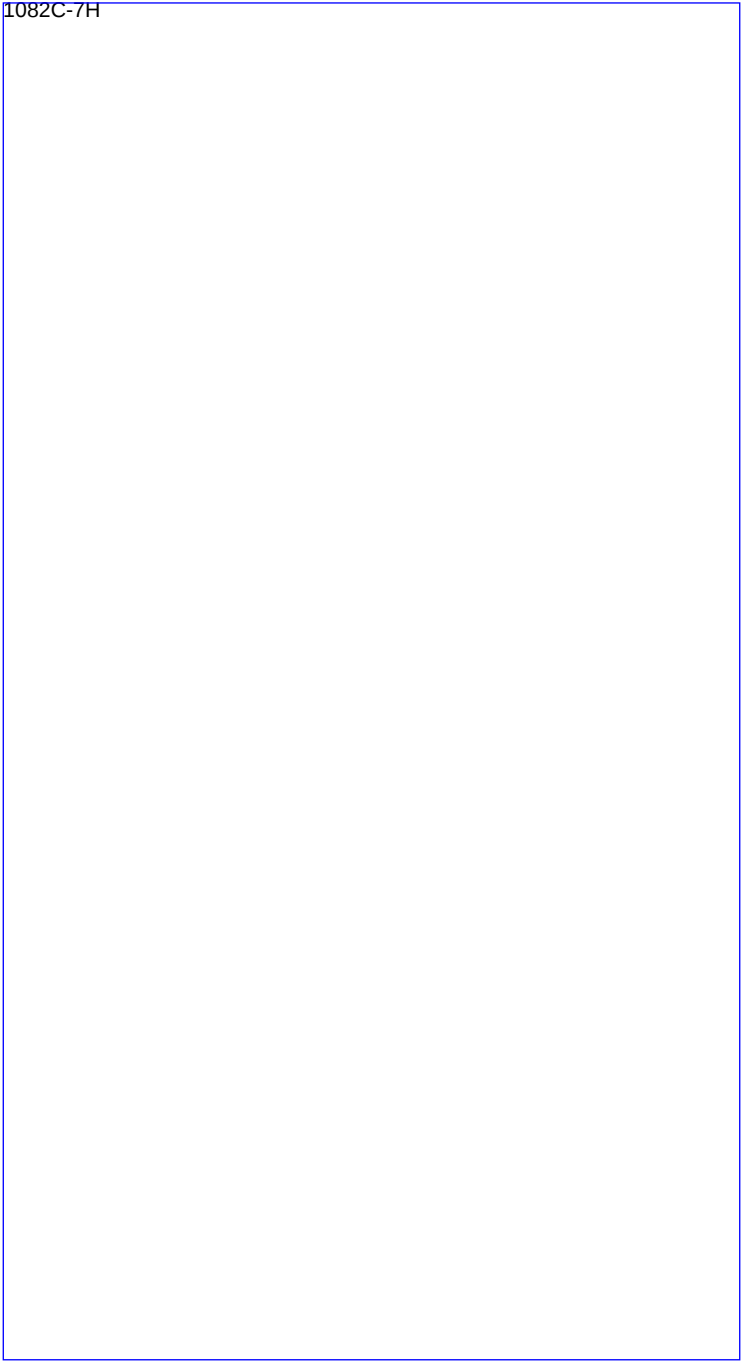
1082C-4H

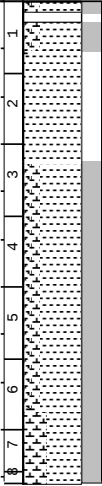


| 1082C-6H 36.5-46.0 mbsf          |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 6H |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                |
| MEETERS                          | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                    |
| 1                                |         |  |          |           |             |        |         | ooo      |        | FORAMINIFER-BEARING NANNOFOSSIL CLAY and<br>DIATOM-BEARING NANNOFOSSIL CLAY<br><br>The core consists of FORAMINIFER-BEARING NANNOFOSSIL CLAY and DIATOM-BEARING NANNOFOSSIL CLAY. Section 1 to Section 5, 70 cm, are pale olive (5Y 5/4) FORAMINIFER-BEARING NANNOFOSSIL CLAY, and Section 5, 70 cm, to the end of the core is olive (5Y 4/3) DIATOM-BEARING NANNOFOSSIL CLAY. |
| 2                                |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                |
| 3                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                |
| 4                                |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                |
| 5                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                |
| 6                                |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                |
| 7                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                |
| 8                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                |
| 9                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                |
| 10                               |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                |



| 1082C-7H 46.0-55.5 mbsf          |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 7H |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| METERS                           | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1                                |         |  |          |           |             |        |         |          |        | FORAMINIFER-BEARING NANNOFOSSIL CLAY, NANNOFOSSIL CLAY, FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY and FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2                                |         |                                                                                   |          |           |             |        |         |          | SS     | The core consists of FORAMINIFER-BEARING NANNOFOSSIL CLAY, NANNOFOSSIL CLAY, FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY, and FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY. Section 1 to Section 2, 70 cm, is olive gray (5Y 4/1) FORAMINIFER-BEARING NANNOFOSSIL CLAY. Sections 2, 70 cm, to Section 3, 40 cm, and Section 3, 110 cm, to Section 5, 30 cm, are very dark gray (5Y 3/1) FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY. Section 3, 40-110 cm, is olive (5Y 5/3) NANNOFOSSIL CLAY. Section 5, 30 cm, to end of the core is olive gray (5Y 4/1) FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY. |
| 3                                |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 4                                |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 5                                |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 6                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 7                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 8                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 9                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 10                               |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



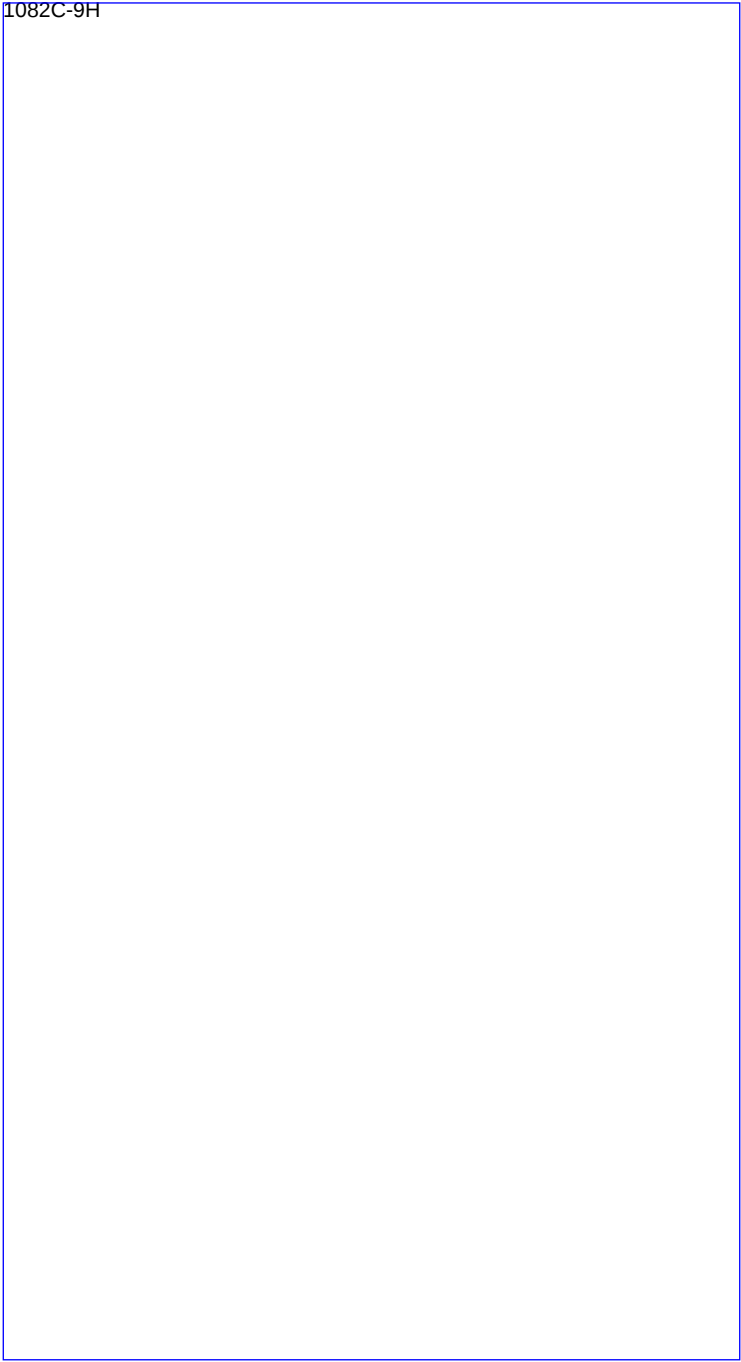
| 1082C-8H 55.5-65.0 mbsf          |         |                                                                                   |          |           |             |        |         |          |        |
|----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|
| Leg 175 Site 1082 Hole C Core 8H |         |                                                                                   |          |           |             |        |         |          |        |
| METERS                           | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE |
| DESCRIPTION                      |         |                                                                                   |          |           |             |        |         |          |        |
| 1                                |         |  |          |           |             |        |         |          |        |
| 2                                |         |                                                                                   |          |           |             |        |         |          | SS     |
| 3                                |         |                                                                                   |          |           |             |        |         |          |        |
| 4                                |         |                                                                                   |          |           |             |        |         |          | SS     |
| 5                                |         |                                                                                   |          |           |             |        |         |          |        |
| 6                                |         |                                                                                   |          |           |             |        |         |          |        |
| 7                                |         |                                                                                   |          |           |             |        |         |          | SS     |
| 8                                |         |                                                                                   |          |           |             |        |         |          |        |
| 9                                |         |                                                                                   |          |           |             |        |         |          | SS     |
| 10                               |         |                                                                                   |          |           |             |        |         |          |        |

NANNOFOSSIL-BEARING CLAY, FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY, and FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY

The core consists of NANNOFOSSIL-BEARING CLAY, FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY, and FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY. Section 1, 0-110 cm, and Section 3, 40 cm, to Section 6, 110 cm, are olive (5Y 5/3) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. Section 1, 110 cm, to Section 3, 40 cm, is black (5Y 2.5/1) NANNOFOSSIL-BEARING CLAY. Section 6, 110 cm, to the end of the core is olive gray (5Y 3/2) FORAMINIFER- AND DIATOM-BEARING NANNOFOSSIL CLAY.

1082C-8H

| 1082C-9H 65.0-74.5 mbsf          |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 9H |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| METERS                           | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1                                |         |  |          |           |             |        |         |          | SS     | <p>FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY, DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY and DIATOM-BEARING FORAMINIFER-RICH NANNOFOSSIL CLAY</p> <p>The core consists of FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY, DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY and DIATOM-BEARING FORAMINIFER-RICH NANNOFOSSIL CLAY. Sections 1, 2, and 3 are dark olive brown (2.5Y 3/3) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. Sections 4 and 5 are pale olive (5Y 6/3) DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY. Sections 6 and 7 are olive brown (2.5 4/3) DIATOM-BEARING FORAMINIFER-RICH NANNOFOSSIL CLAY.</p> |
| 2                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 3                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 4                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 5                                |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 6                                |         |                                                                                   |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 7                                |         |                                                                                   |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



| 1082C-10H 74.5-84.0 mbsf          |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 10H |         |                                                                                   |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                    |
| 1                                 |         |  |          |           |             |        |         |  |        | FORAMINIFER-BEARING DIATOM-RICH NANNOFOSSIL CLAY and NANNOFOSSIL CLAY                                                                                                                                                                                                                                                                                          |
| 2                                 |         |  |          |           |             |        |         |                                                                                   | SS     | The core consists of FORAMINIFER-BEARING DIATOM-RICH NANNOFOSSIL CLAY and NANNOFOSSIL CLAY. Section 1 to Section 4 are dark olive gray (5Y 4/3) and olive (5Y 4/3) FORAMINIFER-BEARING DIATOM-RICH NANNOFOSSIL CLAY. Section 5 to the end of the core is olive gray (5Y 4/2) NANNOFOSSIL CLAY. Small white nodules occur sparsely throughout Sections 5 and 6. |
| 3                                 |         |  |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                |
| 4                                 |         |  |          |           |             |        |         |                                                                                   | SS     |                                                                                                                                                                                                                                                                                                                                                                |
| 5                                 |         |  |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                |
| 6                                 |         |  |          |           |             |        |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                |
| 7                                 |         |  |          |           |             |        |         |  | SS     |                                                                                                                                                                                                                                                                                                                                                                |

1082C-10H

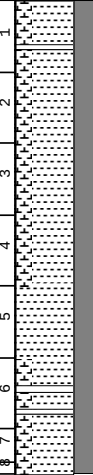


| 1082C-11H 84.0-93.5 mbsf          |         |               |          |           |             |       |         |          |        |
|-----------------------------------|---------|---------------|----------|-----------|-------------|-------|---------|----------|--------|
| Leg 175 Site 1082 Hole C Core 11H |         |               |          |           |             |       |         |          |        |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHO. | FOSSILS | DISTURB. | SAMPLE |
| DESCRIPTION                       |         |               |          |           |             |       |         |          |        |
| 1                                 |         |               |          |           |             |       |         |          |        |
| 2                                 |         |               |          |           |             |       |         |          |        |
| 3                                 |         |               |          |           |             |       |         |          |        |
| 4                                 |         |               |          |           |             |       |         |          |        |
| 5                                 |         |               |          |           |             |       |         |          |        |
| 6                                 |         |               |          |           |             |       |         |          |        |
| 7                                 |         |               |          |           |             |       |         |          |        |
| 8                                 |         |               |          |           |             |       |         |          |        |
| 9                                 |         |               |          |           |             |       |         |          |        |
| 10                                |         |               |          |           |             |       |         |          |        |

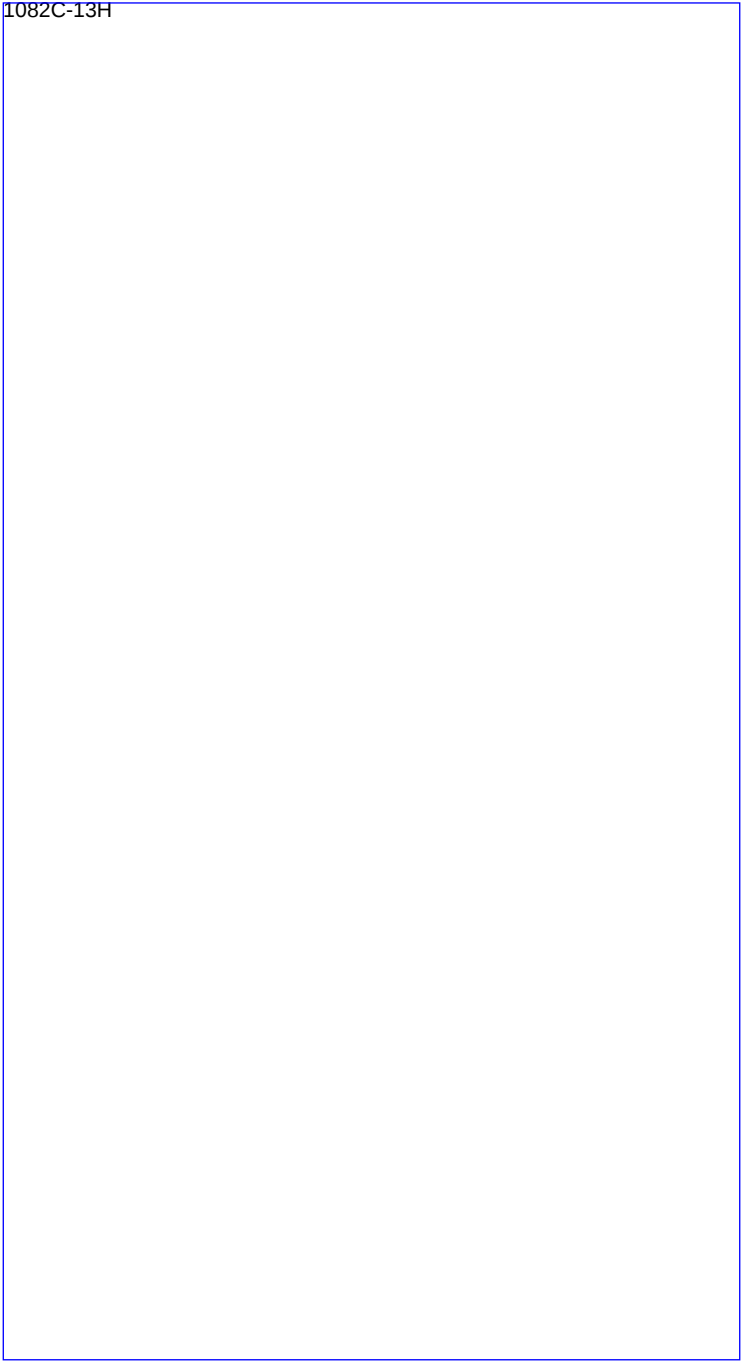
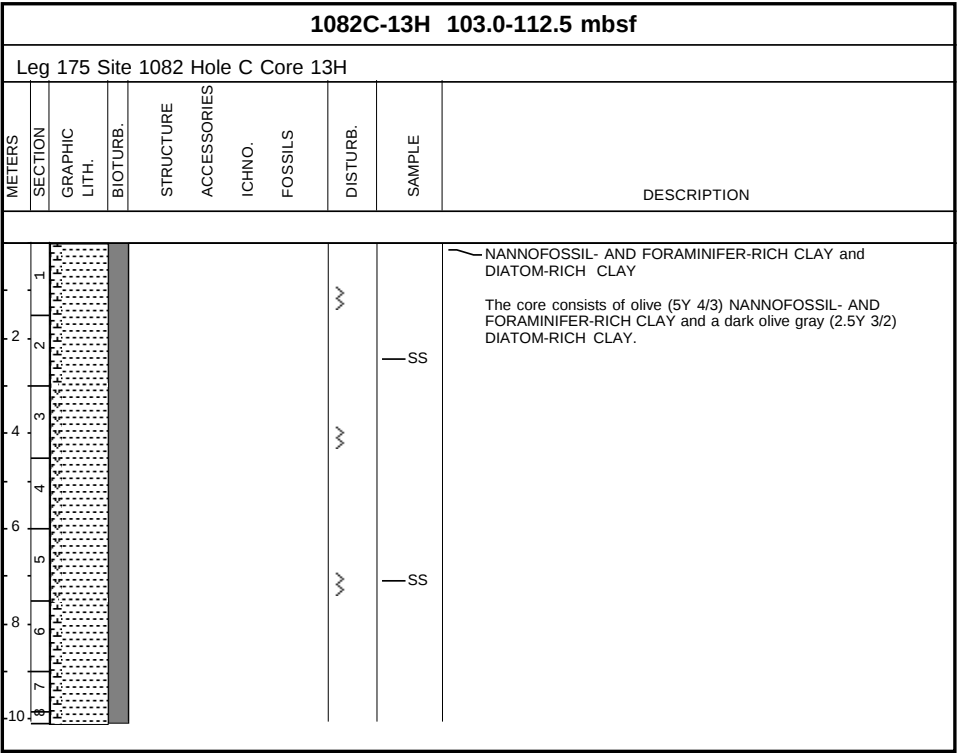
NANNOFOSSIL FORAMINIFER CLAY and CLAY

The core consists of olive (5Y 4/3) NANNOFOSSIL FORAMINIFER CLAY. There are several intervals of dark olive brown (2.5Y 3/3) CLAY at Section 4, 64- 90 cm, Section 5, 80-150 cm, and Section 6, 110-150 cm, which gradate into the olive NANNOFOSSIL FORAMINIFER CLAY over 30-40 cm.

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| 1082C-11H |
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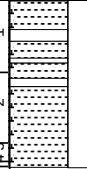
| 1082C-12H 93.5-103.0 mbsf                                                                                                                                                     |         |                                                                                   |          |           |             |        |         |          |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|
| Leg 175 Site 1082 Hole C Core 12H                                                                                                                                             |         |                                                                                   |          |           |             |        |         |          |        |
| METERS                                                                                                                                                                        | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE |
| DESCRIPTION                                                                                                                                                                   |         |                                                                                   |          |           |             |        |         |          |        |
| 1                                                                                                                                                                             |         |  |          |           |             |        |         | ↕↕↕↕     |        |
| 2                                                                                                                                                                             |         |  |          |           |             |        |         |          |        |
| 3                                                                                                                                                                             |         |  |          |           |             |        |         |          |        |
| 4                                                                                                                                                                             |         |  |          |           |             |        |         |          |        |
| 5                                                                                                                                                                             |         |  |          |           |             |        |         |          |        |
| 6                                                                                                                                                                             |         |  |          |           |             |        |         | ↕↕↕↕     |        |
| 7                                                                                                                                                                             |         |  |          |           |             |        |         | ↕↕↕↕     |        |
| FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY and NANNOFOSSIL-BEARING CLAY                                                                                                        |         |                                                                                   |          |           |             |        |         |          |        |
| The core consists of dark olive gray (5Y 3/2) to olive (5Y 5/3) FORAMINIFER-BEARING NANNOFOSSIL-RICH CLAY. Section 5 is dark olive brown (2.5Y 3/3) NANNOFOSSIL-BEARING CLAY. |         |                                                                                   |          |           |             |        |         |          |        |





| 1082C-14H 112.5-122.0 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 14H |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                      |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                          |
| 1                                 |         |               |          |           |             |        |         |          |        | <div>DIATOM-BEARING AND NANNOFOSSIL- BEARING CLAY and DIATOM-BEARING, NANNOFOSSIL-RICH CLAY</div> <div>The core consists of olive gray (5Y 5/2) DIATOM-BEARING AND NANNOFOSSIL- BEARING CLAY. Sections 1, 3, and 4 contain several intervals of dark olive gray (5Y 3/2) DIATOM-BEARING NANNOFOSSIL-RICH CLAY.</div> |
| 2                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                      |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                      |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                      |
| 5                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                      |
| 6                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                      |
| 7                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                      |
| 8                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                      |
| 9                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                      |
| 10                                |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                      |

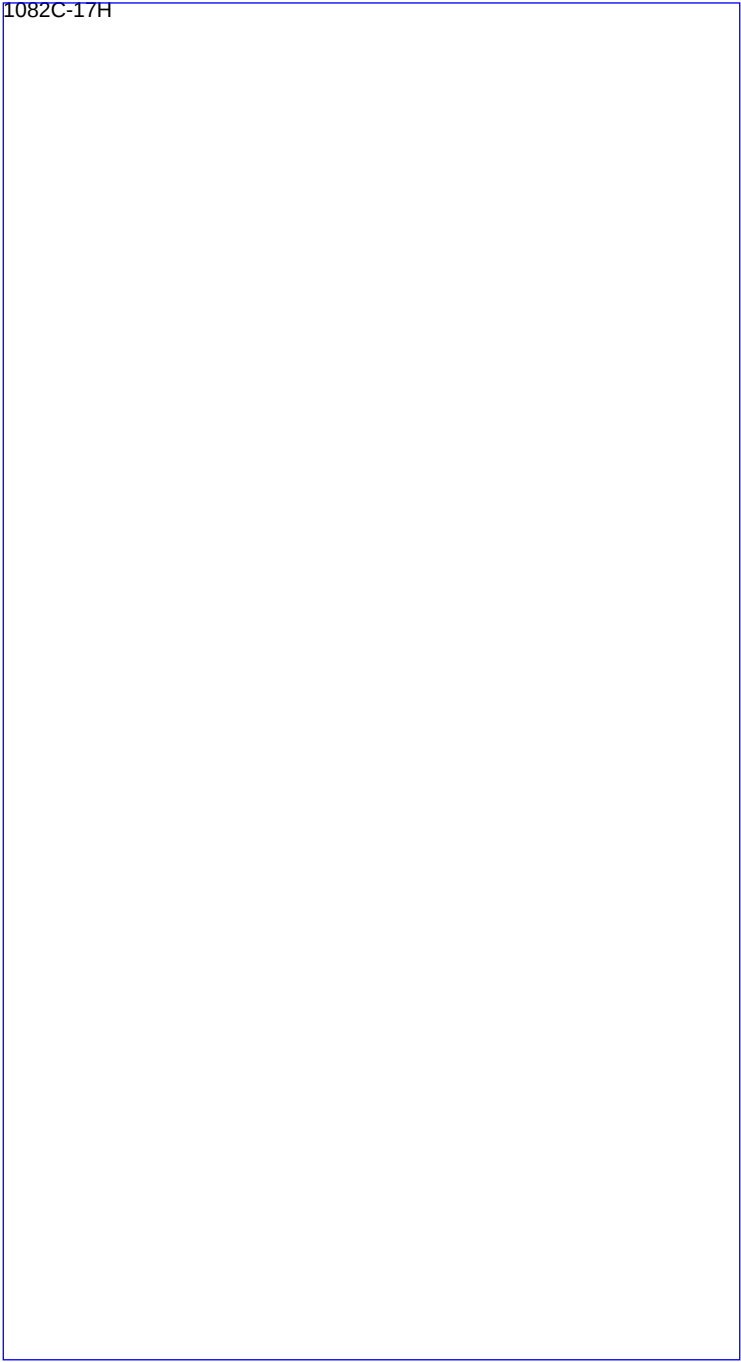
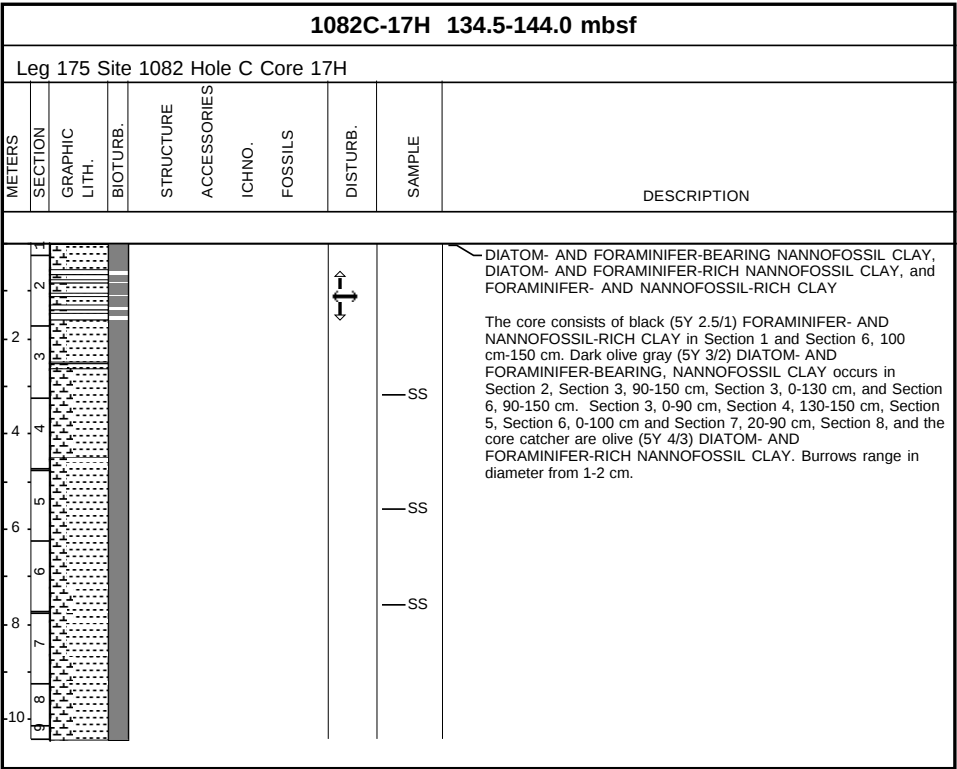


| 1082C-15H 122.0-125.0 mbsf        |         |                                                                                   |          |           |             |        |         |          |        |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|--------|---------|----------|--------|
| Leg 175 Site 1082 Hole C Core 15H |         |                                                                                   |          |           |             |        |         |          |        |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE |
| DESCRIPTION                       |         |                                                                                   |          |           |             |        |         |          |        |
| 122.0                             | 1       |  |          |           |             |        |         |          |        |
| 122.5                             | 2       |                                                                                   |          |           |             |        |         |          |        |
| 123.0                             | 3       |                                                                                   |          |           |             |        |         |          |        |
| 123.5                             | 4       |                                                                                   |          |           |             |        |         |          |        |
| 124.0                             | 5       |                                                                                   |          |           |             |        |         |          |        |
| 124.5                             | 6       |                                                                                   |          |           |             |        |         |          |        |
| 125.0                             | 7       |                                                                                   |          |           |             |        |         |          |        |

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| 1082C-15H |
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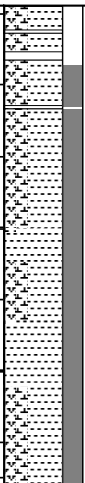
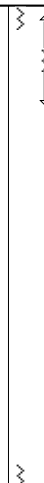
| 1082C-16H 125.0-134.5 mbsf        |         |               |          |           |             |       |         |          |        |
|-----------------------------------|---------|---------------|----------|-----------|-------------|-------|---------|----------|--------|
| Leg 175 Site 1082 Hole C Core 16H |         |               |          |           |             |       |         |          |        |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHO. | FOSSILS | DISTURB. | SAMPLE |
| DESCRIPTION                       |         |               |          |           |             |       |         |          |        |
| 1                                 |         |               |          |           |             |       |         |          |        |
| 2                                 |         |               |          |           |             |       |         |          |        |
| 3                                 |         |               |          |           |             |       |         |          |        |
| 4                                 |         |               |          |           |             |       |         |          |        |
| 5                                 |         |               |          |           |             |       |         |          |        |
| 6                                 |         |               |          |           |             |       |         |          |        |
| 7                                 |         |               |          |           |             |       |         |          |        |
| 8                                 |         |               |          |           |             |       |         |          |        |
| 9                                 |         |               |          |           |             |       |         |          |        |
| 10                                |         |               |          |           |             |       |         |          |        |

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| 1082C-16H |
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| 1082C-18H 144.0-153.5 mbsf        |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|---------|---------------|----------|-----------|-------------|-------|---------|----------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 18H |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                     |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                         |
| 1                                 |         |               |          |           |             |       |         |          |        | <p>DIATOM-BEARING NANNOFOSSIL-RICH CLAY and DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY</p> <p>The core consists of dark olive gray (5Y 3/2) DIATOM-BEARING NANNOFOSSIL-RICH CLAY. Section 6, 0-140 cm, is olive (5Y 4/3) DIATOM- AND FORAMINIFER-RICH NANNOFOSSIL CLAY. A black (5Y 2.5/2) DIATOM-BEARING NANNOFOSSIL-RICH CLAY interval is present at Section 2, 46-150 cm.</p> |
| 2                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                     |
| 3                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                     |
| 4                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                     |
| 5                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                     |
| 6                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                     |
| 7                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                     |
| 8                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                     |
| 9                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                     |
| 10                                |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                     |

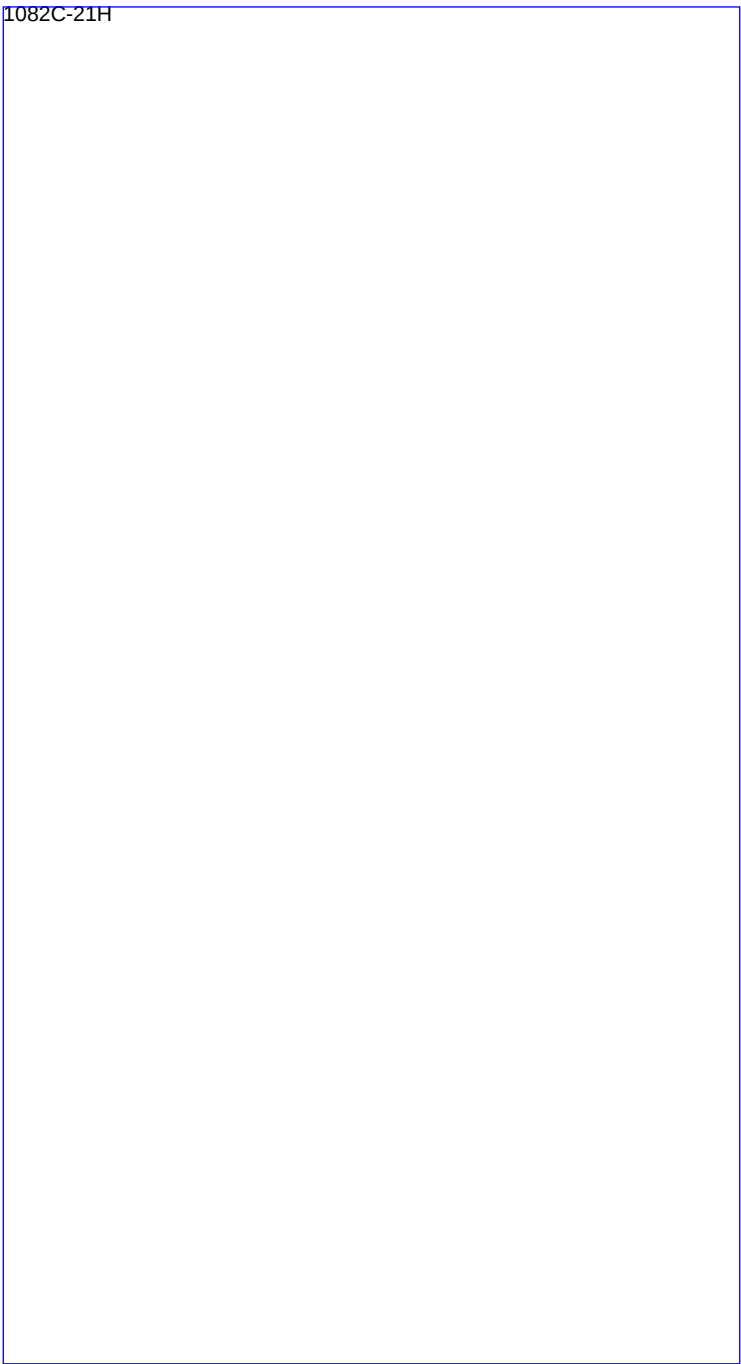
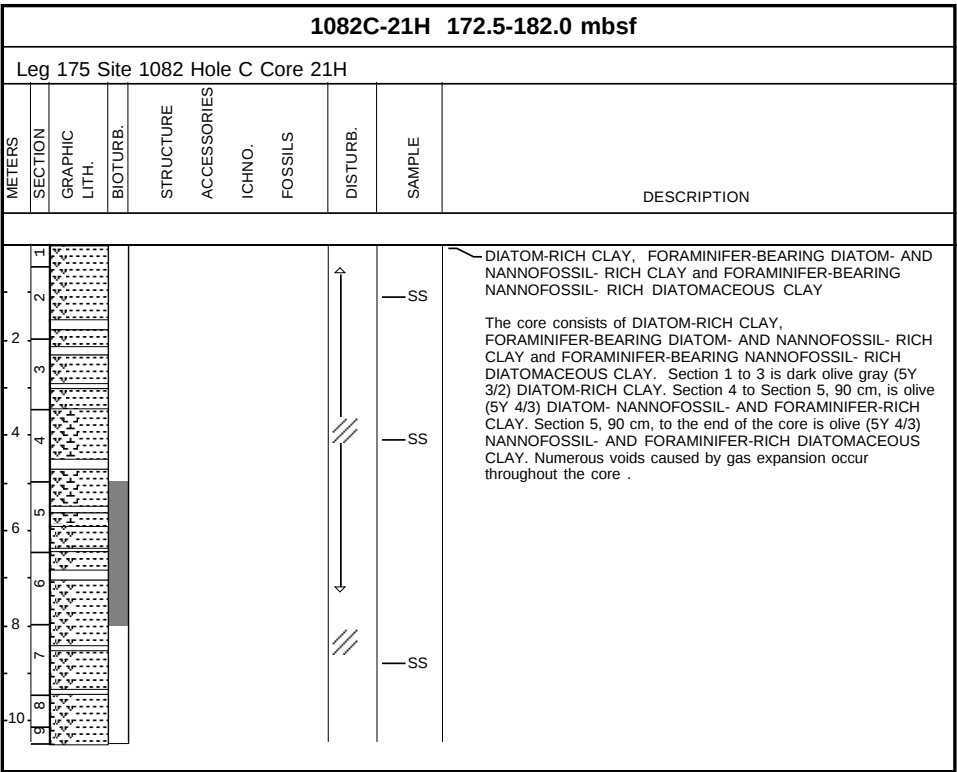


| 1082C-19H 153.5-163.0 mbsf                      |         |                                                                                   |          |           |             |       |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------|---------|-----------------------------------------------------------------------------------|----------|-----------|-------------|-------|---------|-----------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 19H               |         |                                                                                   |          |           |             |       |         |                                                                                   |        |                                                                                                                                                                                                                                                                                                                                                                                                            |
| METERS                                          | SECTION | GRAPHIC LITH.                                                                     | BIOTURB. | STRUCTURE | ACCESSORIES | ICHO. | FOSSILS | DISTURB.                                                                          | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                |
| 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10 |         |  |          |           |             |       |         |  |        | <p>DIATOM- AND NANNOFOSSIL-RICH CLAY and<br/>DIATOM-BEARING CLAY</p> <p>The core consists of olive gray (5Y 4/2) to dark olive gray (5Y 3/2) DIATOM- AND NANNOFOSSIL-RICH CLAY, with intercalated intervals of very dark gray (5Y 3/1) DIATOM-BEARING CLAY. Dark olive gray DIATOM-BEARING CLAY intervals occur in Section 5, 5-70 cm, and Section 6, 50 cm to Section 7, 30 cm.</p> <p>—SS</p> <p>—SS</p> |

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| I082C-19H |
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| 1082C-20H 163.0-172.5 mbsf        |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|---------|---------------|----------|-----------|-------------|-------|---------|----------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 20H |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                         |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                             |
| 1                                 |         |               |          |           |             |       |         |          |        | <p>FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM-BEARING CLAY</p> <p>The core consists of olive (5Y 4/3) FORAMINIFER-BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. Section 1 to Section 2, 20 cm, Section 3, 30-100 cm, and Section 4, 70 cm, to Section 5, 20 cm, are very dark gray (5Y 3/1) DIATOM-BEARING CLAY.</p> |
| 2                                 |         |               |          |           |             |       |         |          | SS     |                                                                                                                                                                                                                                                                                                                                         |
| 3                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                         |
| 4                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                         |
| 5                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                         |
| 6                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                         |
| 7                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                         |
| 8                                 |         |               |          |           |             |       |         |          | SS     |                                                                                                                                                                                                                                                                                                                                         |
| 9                                 |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                         |
| 10                                |         |               |          |           |             |       |         |          |        |                                                                                                                                                                                                                                                                                                                                         |



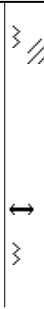


| 1082C-22H 182.0-191.5 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 22H |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1                                 |         |               |          |           |             |        |         |          | SS     | <p>FORAMINIFER- BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM- AND NANNOFOSSIL-BEARING CLAY</p> <p>The core consists of FORAMINIFER- BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY and DIATOM- AND NANNOFOSSIL-BEARING CLAY. Sections 1 to 5 are olive (5Y 4/3) and dark olive gray (5Y 3/2) FORAMINIFER- BEARING DIATOM- AND NANNOFOSSIL-RICH CLAY. Section 6 to the bottom of the core is dark olive brown (2.5Y 3/3) DIATOM- AND NANNOFOSSIL-BEARING CLAY.</p> |
| 2                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 5                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 6                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 7                                 |         |               |          |           |             |        |         |          | SS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |



| 1082C-23H 191.5-195.6 mbsf        |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                          |
|-----------------------------------|---------|---------------|----------|-----------|-------------|--------|---------|----------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 23H |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                          |
| METERS                            | SECTION | GRAPHIC LITH. | BIOTURB. | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE | DESCRIPTION                                                                                                                                                                                                                                                                                              |
| 1                                 |         |               |          |           |             |        |         | ~        | SS     | NANNOFOSSIL-RICH DIATOMACEOUS CLAY and DIATOMACEOUS CLAY<br><br>The core consists of NANNOFOSSIL-RICH DIATOMACEOUS CLAY and DIATOMACEOUS CLAY. Sections 1 to 3 are dark olive gray (5Y 3/2) NANNOFOSSIL-RICH DIATOMACEOUS CLAY. Section 4 to the bottom of the core is olive (5Y 4/3) DIATOMACEOUS CLAY. |
| 2                                 |         |               |          |           |             |        |         | ↕        |        |                                                                                                                                                                                                                                                                                                          |
| 3                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                          |
| 4                                 |         |               |          |           |             |        |         |          |        |                                                                                                                                                                                                                                                                                                          |
| 5                                 |         |               |          |           |             |        |         | ~        | SS XRD |                                                                                                                                                                                                                                                                                                          |

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| 1082C-23H |
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| 1082C-24H 195.6-202.0 mbsf        |         |                                                                                   |                                                                                   |           |             |        |         |                                                                                   |              |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|-------------|--------|---------|-----------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Leg 175 Site 1082 Hole C Core 24H |         |                                                                                   |                                                                                   |           |             |        |         |                                                                                   |              |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| METERS                            | SECTION | GRAPHIC LITH.                                                                     | BIOTURB.                                                                          | STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB.                                                                          | SAMPLE       | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1<br>2<br>3<br>4<br>5<br>6        |         |  |  |           |             |        |         |  | SS<br><br>SS | <p>NANNOFOSSIL-BEARING DIATOMACEOUS CLAY,<br/>NANNOFOSSIL-RICH DIATOMACEOUS CLAY</p> <p>The core consists of NANNOFOSSIL-BEARING DIATOMACEOUS CLAY, NANNOFOSSIL-RICH DIATOMACEOUS CLAY. Sections 1 and 2 are dark olive brown (2.5Y 3/3) NANNOFOSSIL-BEARING DIATOMACEOUS CLAY. Section 3 to the bottom of the core is olive (5Y 4/3) NANNOFOSSIL-RICH DIATOMACEOUS CLAY. A dolomite concretion is present within Section 1, 1-10 cm.</p> |

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| 1082C-24H |
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