

SITE 900 HOLE A CORE 1R

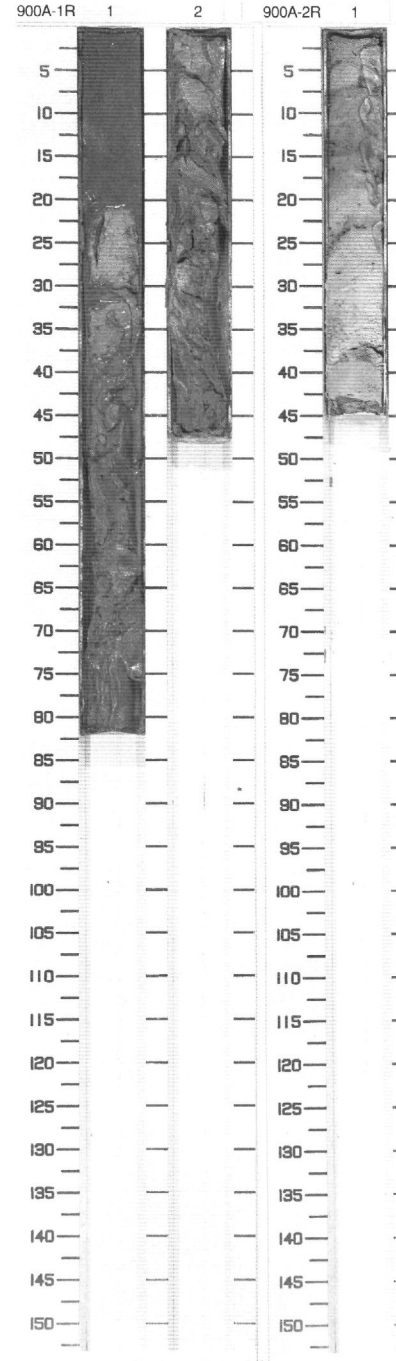
CORED 0.0 - 1.5 mbsf

| Meter   | Graphic Lith. | Section | Age         | Structure | Disturb  | Sample | Color              | Description   |
|---|---------------|---------|-------------|-----------|----------|--------|--------------------|---|
|   |               | 1       | Pleistocene |           | OOOOOOOO | P      | 10YR 5/4 To 5Y 4/1 | SILTY FINE SAND and NANNOFOSSIL CLAY  |
|   |               | 2       |             |           | OOOOOOOO | P M    |                    | Major Lithologies:<br>Dark yellowish brown (10YR 4/2)<br>SILTY FINE SAND was mobilized during coring so no structures are visible within it. NANNOFOSSIL CLAY is yellowish brown (10YR 5/4) in color. |
| <p>General Description:<br/>The soupy core disturbance destroyed any structures originally present in the core.</p> |               |         |             |           |          |        |                    |   |

SITE 900 HOLE A CORE 2R

CORED 1.5 - 11.1 mbsf

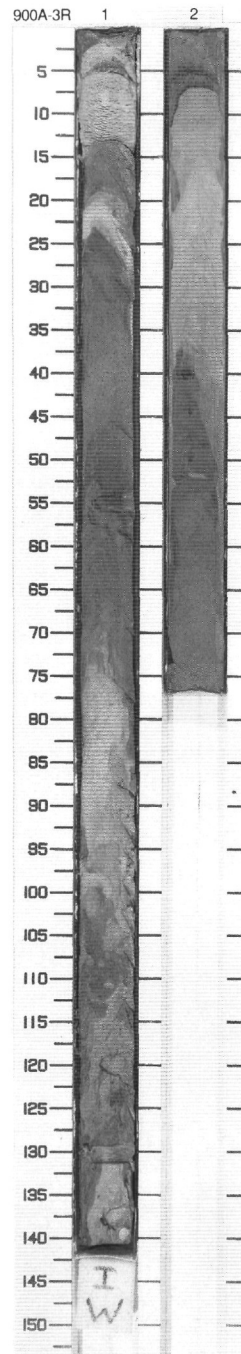
| Meter   | Graphic Lith. | Section | Age     | Structure | Disturb | Sample | Color | Description      |
|---|---------------|---------|---------|-----------|---------|--------|-------|------------------|
|   |               | 1       | Pleist. |           | ----    | P M    |       | NANNOFOSSIL CLAY |
| <p>Major Lithology:<br/>NANNOFOSSIL CLAY is grayish brown (10YR 5/2) in the top 5 cm of the core, and light to medium light gray (N7, N6), light olive gray (5Y 6/1, 5/1) elsewhere.</p> <p>Minor Lithology:<br/>CLAY is medium dark gray (N5) in color.</p> <p>General Description:<br/>No structures were visible in the sediments.</p> |               |         |         |           |         |        |       |                  |



SITE 900 HOLE A CORE 3R

CORED 11.1 - 20.8 mbsf

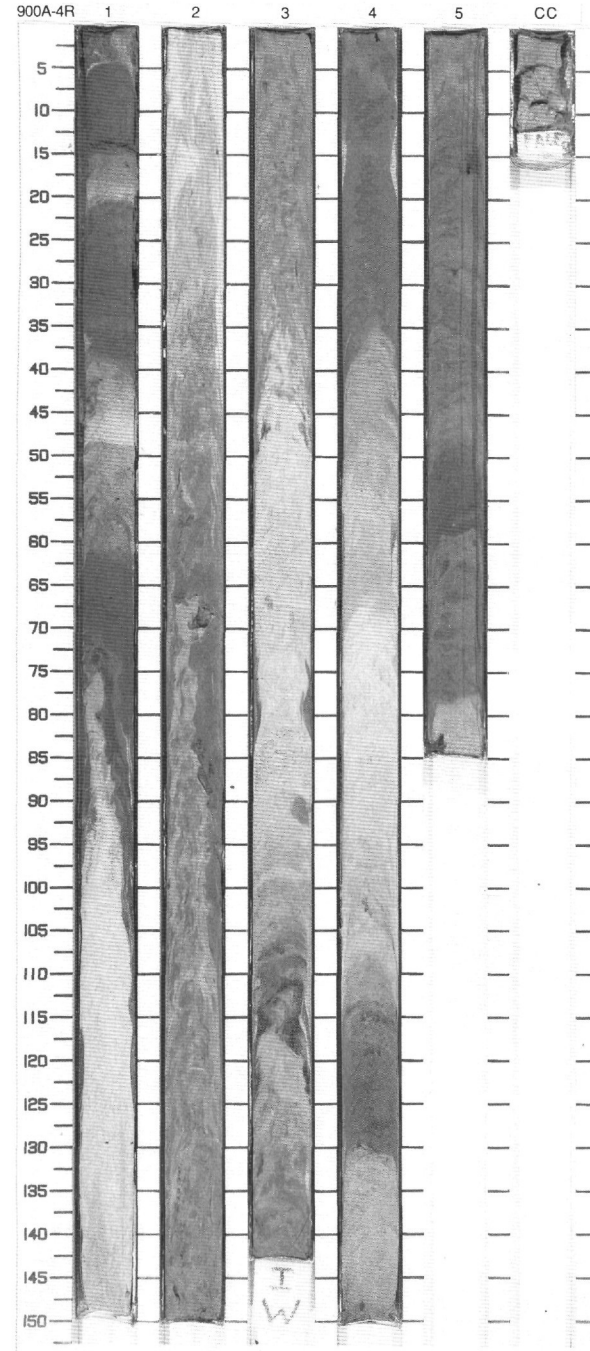
| Meter | Graphic Lith.    | Section | Age         | Structure | Disturb | Sample | Color     | Description  |
|-------|------------------|---------|-------------|-----------|---------|--------|-----------|--|
| 1     | [Dotted pattern] | 1       | Pleistocene | ⋈         |         | P      | 5Y 6/1    | <p><b>NANNOFOSSIL CLAY and CLAY WITH SILT</b></p> <p>Major Lithologies:<br/>                     NANNOFOSSIL CLAY varies in color from light gray (N7) to light olive gray (5Y 6/1), and forms about 50% of the core. CLAY WITH SILT is olive gray (5Y 4/1) in color and comprises about 50% of the core.</p> <p>Minor Lithology:<br/>                     CLAYEY SILT/FINE SAND is dark greenish gray (5GY 4/1) in color and occurs in small blebs and linear patches within CLAY WITH SILT; it forms less than 1% of the core.</p> <p>General Description:<br/>                     Burrow mottling between NANNOFOSSIL CLAY and CLAY WITH SILT is common.</p> |
| 2     | [Dotted pattern] | 2       |             | ⋈         |         | I      | To 5Y 4/1 |  |
|       |                  |         |             |           |         | P M    |           |  |



SITE 900 HOLE A CORE 4R

CORED 20.8 - 30.4 mbsf

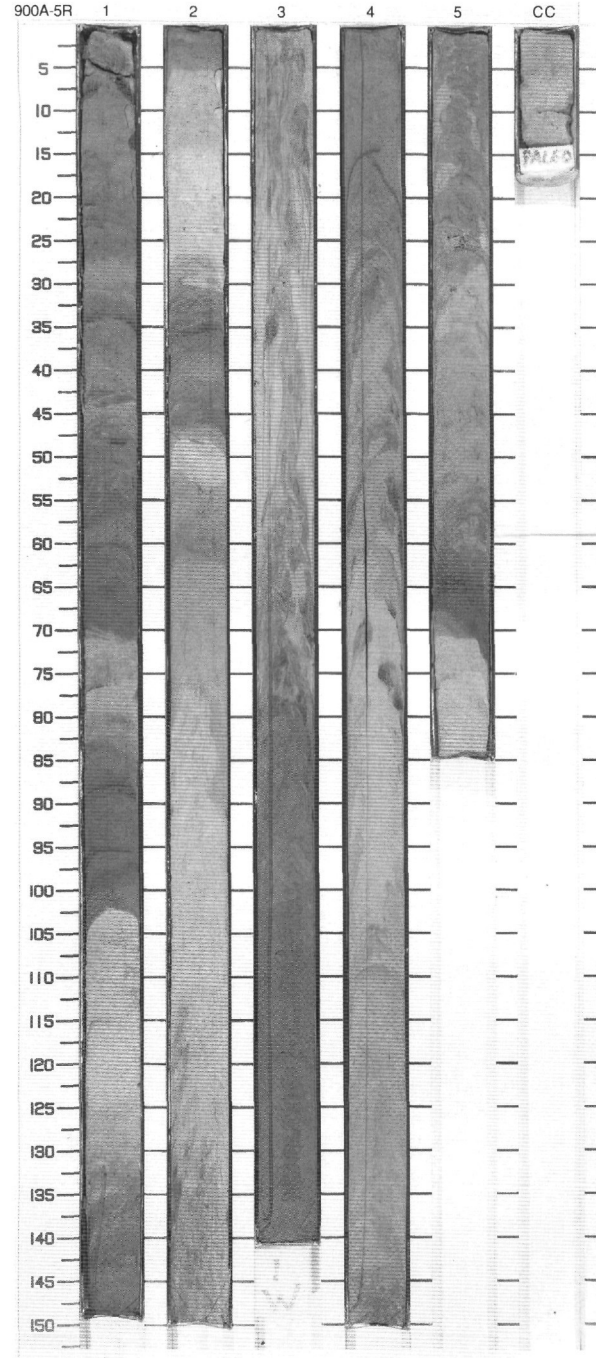
| Meter | Graphic Lith. | Section | Age         | Structure    | Disturb            | Sample | Color            | Description   |
|-------|---------------|---------|-------------|--------------|--------------------|--------|------------------|---|
| 1     | [Pattern]     | 1       | Pleistocene | ⋈            | ---                | S      | 5Y 4/1 To 5Y 6/1 | <p>NANNOFOSSIL CLAY, CLAY WITH SILT and NANNOFOSSIL OOZE</p> <p>Major Lithologies:<br/>                     NANNOFOSSIL CLAY varies in color from grayish brown (10YR 5/2) to light olive gray (5Y 6/1), and forms 45% of the core; CLAY WITH SILT is olive gray (5Y 4/1), and forms 30%, and light gray (N7) NANNOFOSSIL OOZE forms 25%.</p> <p>Minor Lithology:<br/>                     SILTY SAND is dark greenish gray (5GY 4/1) in color, and occurs as thin (1-2 mm) irregular layers smeared out by core disturbance within CLAY WITH SILT.</p> <p>General Description:<br/>                     Despite the core disturbance, sharp based intervals of CLAY WITH SILT are overlain by NANNOFOSSIL CLAY and capped by NANNOFOSSIL OOZE; the lithologies have been mixed by burrow mottling.</p> |
| 2     | [Pattern]     | 2       |             | P            | N7                 |        |                  |   |
| 3     | [Pattern]     | 3       |             | P            | 10YR 5/2 To 5Y 4/1 |        |                  |   |
| 4     | [Pattern]     | 4       |             | P            | 10YR 5/2 To 5Y 6/1 |        |                  |   |
| 5     | [Pattern]     | 5       |             | I            | 5Y 6/1 To 5Y 6/1   |        |                  |   |
| 6     | [Pattern]     | 6       | P           | N7 To 5Y 6/1 |                    |        |                  |   |
|       |               | CC      |             |              |                    | M      |                  |   |



SITE 900 HOLE A CORE 5R

CORED 30.4 - 40.0 mbsf

| Meter | Graphic Lith. | Section | Age         | Structure | Disturb | Sample | Color        | Description  |
|-------|---------------|---------|-------------|-----------|---------|--------|--------------|--|
| 1     | [Pattern]     | 1       |             | ***<br>}} |         | P      |              | <p>CLAY WITH SILT and NANNOFOSSIL CLAY</p> <p>Major Lithologies:<br/>Olive gray (5Y 4/1) NANNOFOSSIL CLAY forms about 50% of the core, and olive gray (5Y 4/1) CLAY WITH SILT about 34%.</p> <p>Minor Lithologies:<br/>Light gray (N7) NANNOFOSSIL OOZE forms 15% of the core. Olive gray (5Y 4/1) to greenish black (5G 2/1) SANDY SILT forms about 1% of the core.</p> <p>General Description:<br/>The core contains sequences consisting of CLAY WITH SILT overlain by NANNOFOSSIL CLAY, and sometimes capped by NANNOFOSSIL OOZE. A SANDY SILT, typically less than 1 cm thick and in places foraminifera-rich, infrequently underlies the CLAY WITH SILT, forming the base of normally graded intervals. Additionally, the NANNOFOSSIL CLAY is not always represented in the graded intervals. The thicknesses of the intervals ranges from about 10 to 110 cm, but are difficult to measure because of drilling disturbance. Estimates of lithologic proportions are also suspect for the same reason. Bioturbation is common in the NANNOFOSSIL CLAY and in the upper part of the CLAY WITH SILT.</p> |
| 2     | [Pattern]     | 2       |             | ***<br>}} |         | P      |              |  |
| 3     | [Pattern]     | 3       | Pleistocene | }}        | ~~~~~   |        | N7 To 5Y 4/1 |  |
| 4     | [Pattern]     | 4       |             | }}        |         | P      |              |  |
| 5     | [Pattern]     | 5       |             | }}        |         | P      |              |  |
| 6     | [Pattern]     | 6       |             | }}        | ~~~~~   |        |              |  |
| 7     | [Pattern]     | 7       |             | ***<br>}} |         | P      |              |  |
|       |               | CC      |             |           |         | M      |              |  |

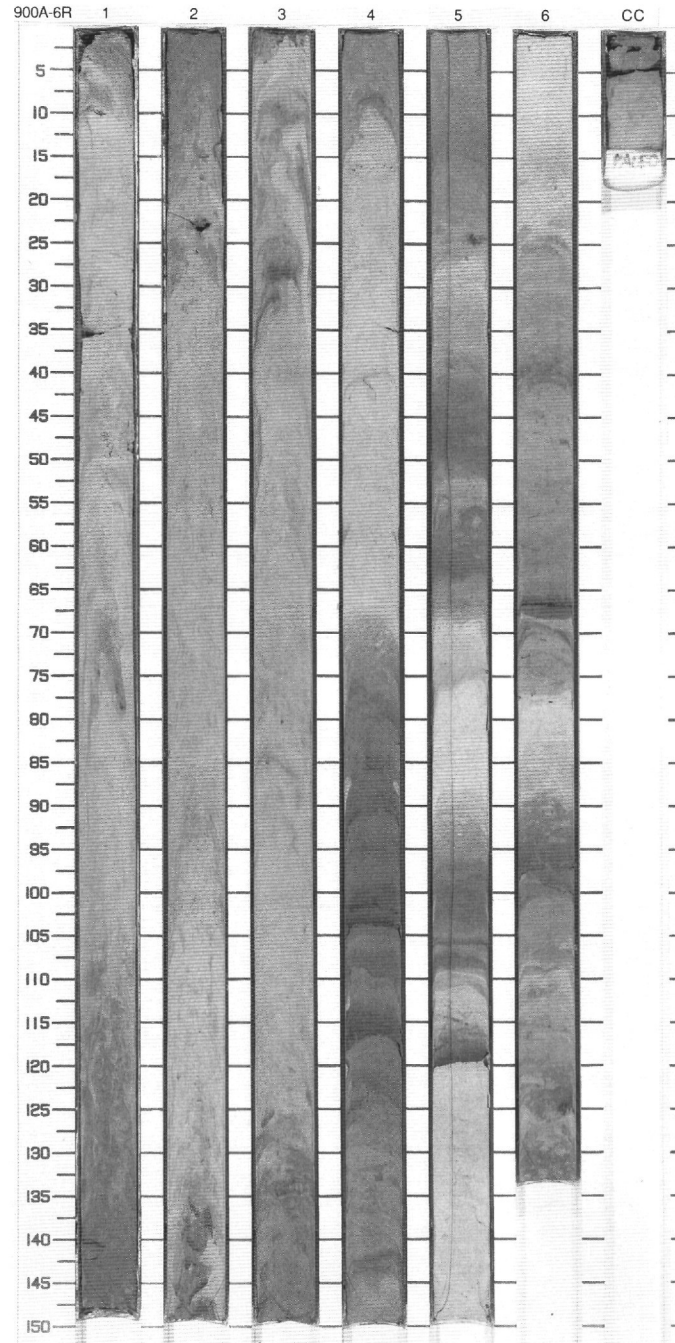




SITE 900 HOLE A CORE 6R

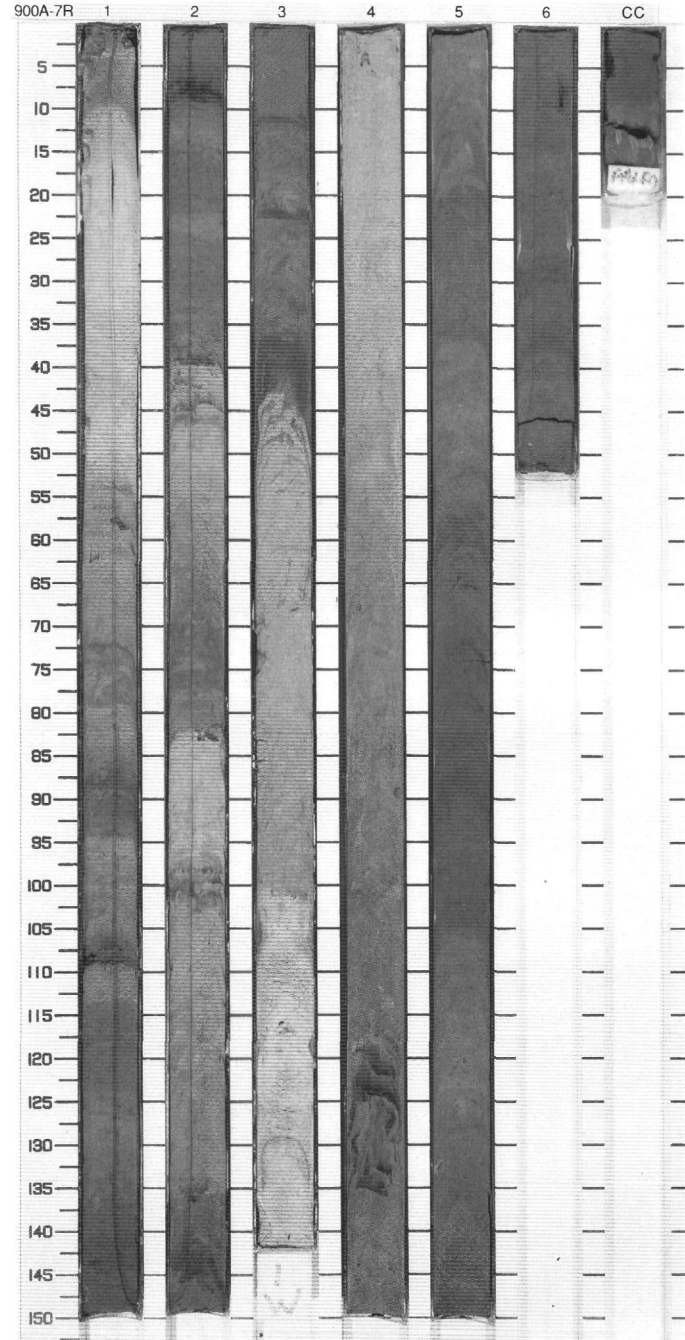
CORED 40.0 - 49.6 mbsf

| Meter | Graphic Lith.    | Section | Age           | Structure | Disturb | Sample | Color        | Description   |
|-------|------------------|---------|---------------|-----------|---------|--------|--------------|---|
| 1     | [Dotted pattern] | 1       | late Pliocene | }}        | -       | S      | 5Y 4/1 To N7 | <p>NANNOFOSSIL CLAY and CLAY WITH SILT</p> <p>Major Lithologies:<br/>Light olive gray (5Y 6/1) to light gray (N7) NANNOFOSSIL CLAY comprises about 64% of the core, and CLAY WITH SILT 20%.</p> <p>Minor Lithologies:<br/>NANNOFOSSIL OOZE is light gray (N7), and forms 15% of the core. Olive gray (5Y 4/1) to greenish black (5G 2/1) SANDY SILT comprises about 1% of the core.</p> <p>General Description:<br/>Sequences consisting of CLAY WITH SILT overlain by NANNOFOSSIL CLAY and capped by NANNOFOSSIL OOZE occur throughout the core, although they are not as distinct as those in previous cores. SANDY SILT intervals generally 1 cm or less in thickness underlie some of the sequences. Proportions given above for lithologies are questionable due to drilling disturbance. Foraminifera are abundant in the light gray NANNOFOSSIL CLAY. SANDY SILT is most abundant in Section 2, 85-120 cm.</p> |
| 1     | [Dotted pattern] | 1       |               | }}        |         |        |              |   |
| 2     | [Dotted pattern] | 2       |               | }}        |         |        |              |   |
| 2     | [Dotted pattern] | 2       |               | }}        |         |        |              |   |
| 3     | [Dotted pattern] | 3       |               | }}        |         |        |              |   |
| 3     | [Dotted pattern] | 3       |               | }}        |         |        |              |   |
| 4     | [Dotted pattern] | 3       |               | }}        |         |        |              |   |
| 4     | [Dotted pattern] | 3       |               | }}        |         |        |              |   |
| 5     | [Dotted pattern] | 4       |               | }}        |         |        |              |   |
| 6     | [Dotted pattern] | 4       | }}            |           |         |        |              |   |
| 6     | [Dotted pattern] | 4       | }}            |           |         |        |              |   |
| 7     | [Dotted pattern] | 5       | }}            |           |         |        |              |   |
| 7     | [Dotted pattern] | 5       | }}            |           |         |        |              |   |
| 8     | [Dotted pattern] | 6       | }}            |           |         |        |              |   |
| 8     | [Dotted pattern] | 6       | }}            |           |         |        |              |   |
| 9     | [Dotted pattern] | CC      |               | }}        |         |        |              |   |
|       |                  |         |               |           |         | M      |              |   |



SITE 900 HOLE A CORE 7R CORED 49.6 - 59.3 mbsf

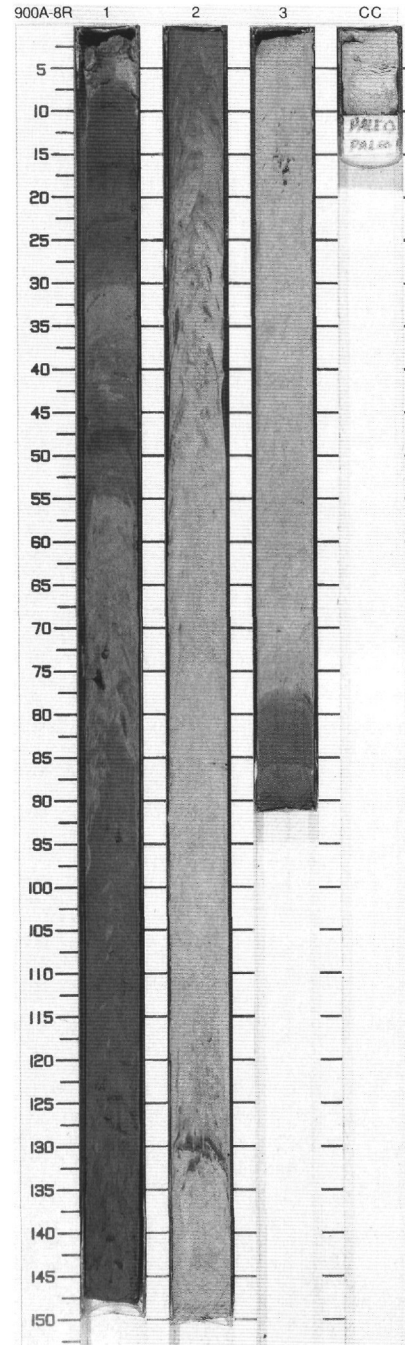
| Meter | Graphic Lith. | Section | Age           | Structure | Disturb | Sample | Color                    | Description  |
|-------|---------------|---------|---------------|-----------|---------|--------|--------------------------|--|
| 1     | [Pattern]     | 1       |               | }}        |         | P      | N7<br>5Y 6/1 To 5Y 5/1   | <p>Major Lithologies:<br/>                     NANNOFOSSIL CLAY ranges in color from light olive gray (5Y 6/1) to brownish gray (10YR 5/2), and forms 40% of the core. CLAY WITH SILT is olive gray (5Y 4/1) and dark greenish gray (5GY 4/1) in color, and comprises 50% of the core.</p> <p>Minor Lithologies:<br/>                     NANNOFOSSIL CLAY is light gray (N7) and forms 10% of the core; SILTY SAND is dark greenish gray (5GY 4/1) and forms &lt;1%.</p> <p>General Description:<br/>                     NANNOFOSSIL CLAY intervals range between 15 and 115 cm in thickness; darker colored intervals have sharp bases. SILTY SAND occurs as thin (1-2 mm) impersistent layers distorted by drilling; sometimes they occur at the base of CLAY WITH SILT intervals, but also within this lithology.</p> |
| 2     | [Pattern]     | 2       |               | }}        |         | P      | N6<br>5Y 4/1             |  |
| 3     | [Pattern]     | 3       |               | }}        |         | P      | N7<br>5Y 6/1 To 10YR 5/2 |  |
| 4     | [Pattern]     | 3       | late Pliocene | }}        |         | S      |                          |  |
| 5     | [Pattern]     | 4       |               |           |         | P      |                          |  |
| 6     | [Pattern]     | 5       |               | }}        |         | P      | 5Y 4/1 To 5GY 4/1        |  |
| 7     | [Pattern]     | 6       |               |           |         | P      |                          |  |
| 8     | [Pattern]     | CC      |               |           |         | M      |                          |  |



SITE 900 HOLE A CORE 8R

CORED 59.3 - 64.5 mbsf

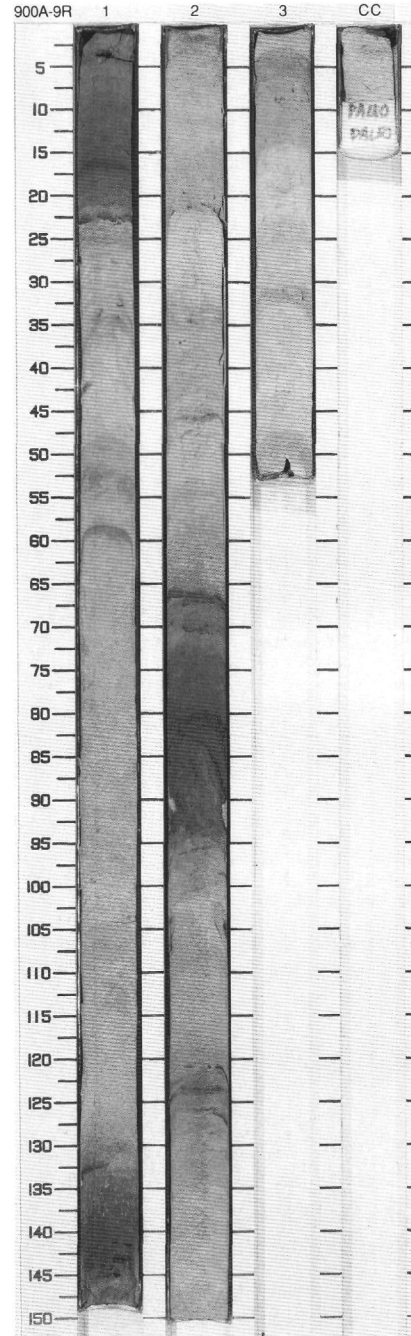
| Meter | Graphic Lith. | Section | Age           | Structure             | Disturb | Sample   | Color            | Description  |
|-------|---------------|---------|---------------|-----------------------|---------|----------|------------------|--|
| 1     | [Pattern]     | 1       | late Pliocene | ***<br>**<br>**<br>** | W       | S S<br>P | 5Y 4/1 To 5Y 5/1 | <p>NANNOFOSSIL CLAY and NANNOFOSSIL OOZE</p> <p>Major Lithologies:<br/>Olive gray (5Y 6/1) NANNOFOSSIL CLAY forms 35% of the core, and light olive gray (5Y 6/1) NANNOFOSSIL OOZE 60%.</p> <p>Minor Lithology:<br/>Olive gray (5Y 4/1) CLAYEY SILT forms 5% of the core.</p> <p>General Description:<br/>The core contains several turbiditic sequences with sharp bases marked by thin (&lt;1 cm) CLAYEY SILT layers, grading up into NANNOFOSSIL CLAY; NANNOFOSSIL OOZE caps the sequences. Both major lithologies are intensively burrow mottled. Small bands or dots of reddish purple gray (5RP 4/2) color occur throughout the core.</p> |
| 2     | [Pattern]     | 2       |               | ***                   |         | S P      |                  |  |
| 3     | [Pattern]     | 3       |               | ***                   |         | S        |                  |  |
| 4     | [Pattern]     | CC      |               | ***                   |         | P<br>M   |                  |  |



SITE 900 HOLE A CORE 9R

CORED 64.5 - 74.1 mbsf

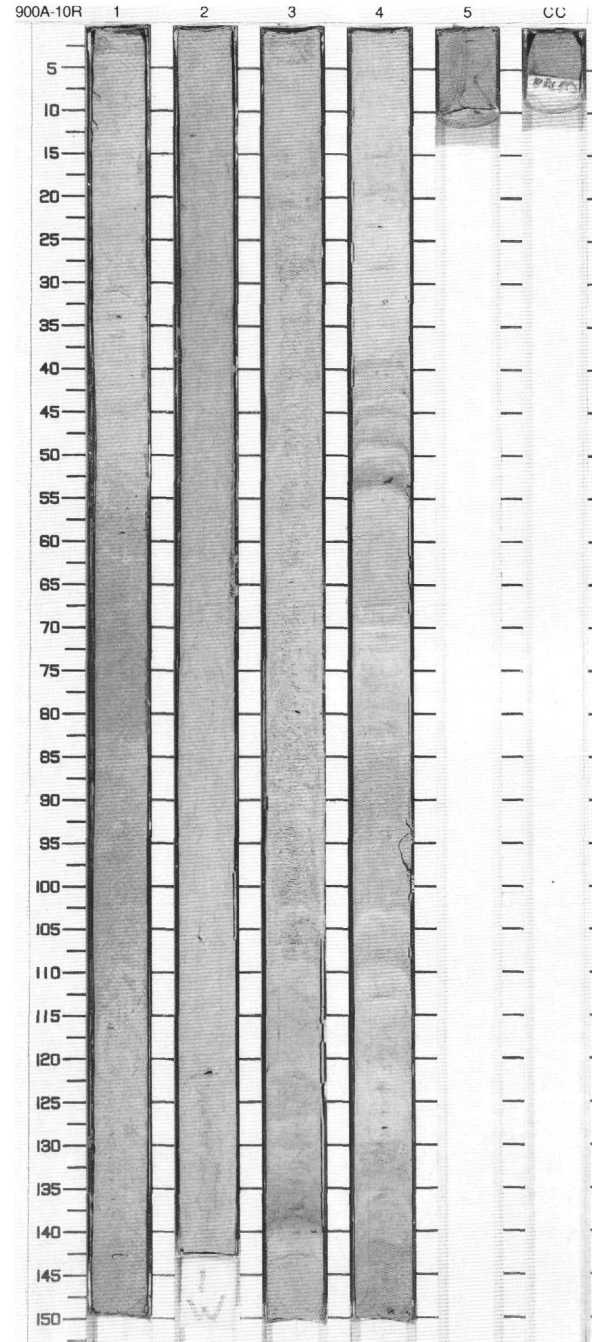
| Meter | Graphic Lith.           | Section | Age           | Structure | Disturb | Sample | Color            | Description  |     |
|-------|-------------------------|---------|---------------|-----------|---------|--------|------------------|--|-----|
| 1     | [Cross-hatched pattern] | 1       | late Pliocene | ...       | ~       | S P    | 5Y 8/1 To 5Y 6/1 | <p>NANNOFOSSIL CLAY and NANNOFOSSIL OOZE</p> <p>Major Lithologies:<br/>The core consists of massive, mottled, light olive gray (5Y 6/1) NANNOFOSSIL OOZE and NANNOFOSSIL CLAY (75% of core).</p> <p>Minor Lithology:<br/>Olive gray (5Y 4/1), thin layered CLAYEY SILT to SILT (7% of core) forms the base of several turbiditic sequences. Olive gray (5Y 4/1) CLAY comprises 18% of the core.</p> <p>General Description:<br/>The core contains turbiditic sequences, grading up from CLAYEY SILT at the base to CLAY or NANNOFOSSIL CLAY at the top. All sequences are intensively bioturbated.</p> |     |
| 2     | [Cross-hatched pattern] | 2       |               | ...       | ~       |        |                  |  | S P |
| 3     | [Cross-hatched pattern] | 3       |               | ...       | ~       |        |                  |  | P   |
|       |                         | CC      |               |           |         | M      | 10YR 6/4         |  |     |



SITE 900 HOLE A CORE 10R

CORED 74.1 - 83.7 mbsf

| Meter | Graphic Lith. | Section   | Age   | Structure | Disturb | Sample      | Color    | Description  |
|-------|---------------|-----------|-------|-----------|---------|-------------|----------|--|
| 1     | [Pattern]     | 1         | Mn Mn |           |         | S<br>S      |          | <p>NANNOFOSSIL CLAY and NANNOFOSSIL OOZE</p> <p>Major Lithologies:<br/>The core consists of homogeneous, intensively mottled yellowish gray (5Y 8/1), very pale orange (10YR 8/2) and moderate brown (10YR 5/4) NANNOFOSSIL CLAY to NANNOFOSSIL OOZE.</p> <p>General Description:<br/>Abundant spots or blebs of dusky blue (5PB 3/2) probable Mn-rich sediment occur throughout the core.</p> |
| 2     | [Pattern]     | 2         | Mn    |           |         | P           |          |  |
| 3     | [Pattern]     | 3         | Mn    |           |         | P           | 5Y 8/1   |  |
| 4     | [Pattern]     | 3         |       |           |         | S           |          |  |
| 5     | [Pattern]     | 4         | Mn    |           |         | S<br>S<br>P |          |  |
| 6     | [Pattern]     | 5<br>66?? |       |           |         | S<br>M      | 10YR 5/4 |  |



SITE 900 HOLE A CORE 11R CORED 83.7 - 93.4 mbsf

| Meter | Graphic Lith. | Section Age | Structure | Disturb | Sample | Color              | Description  |
|-------|---------------|-------------|-----------|---------|--------|--------------------|--|
| 1     | [Pattern]     | 1           | »»        |         | P      |                    | <p>NANNOFOSSIL CLAY and NANNOFOSSIL OOZE</p> <p>Major Lithologies:<br/>The core consists of homogeneous, structureless, intensively mottled NANNOFOSSIL CLAY to NANNOFOSSIL OOZE which vary in color from pale yellowish brown (10YR 6/2) to grayish orange (10YR 7/4) and yellowish gray (5Y 8/1).</p> <p>General Description:<br/>Although in general homogeneous, the core contains a few sharp contacts between lighter and darker colors, which are disturbed by bioturbation. Spots of greenish gray (5GY 6/1) and grayish red purple (5RP 4/2) occur in the core.</p> |
| 2     | [Pattern]     | 2           | »»        |         | P      |                    |  |
| 3     | [Pattern]     | 3           | »»        |         | P      | 10YR 6/2 To 5Y 8/1 |  |
| 4     | [Pattern]     | 4           | »»        |         | S      |                    |  |
| 5     | [Pattern]     | 5           | »»        |         | P      |                    |  |
| 6     | [Pattern]     | 6           | »»        |         | S      |                    |  |
|       | [Pattern]     | CC          | »»        |         | P      |                    |  |
|       | [Pattern]     | CC          | »»        |         | M      |                    |  |

