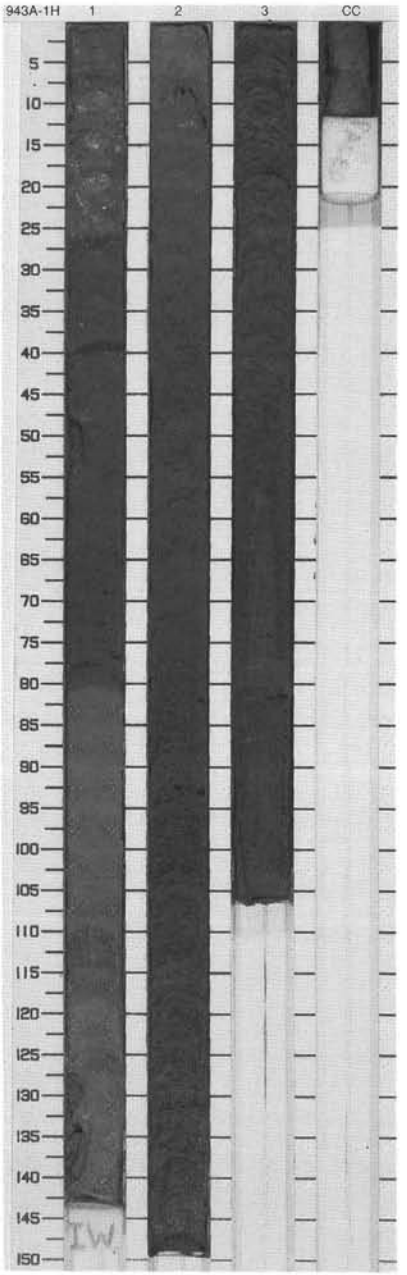
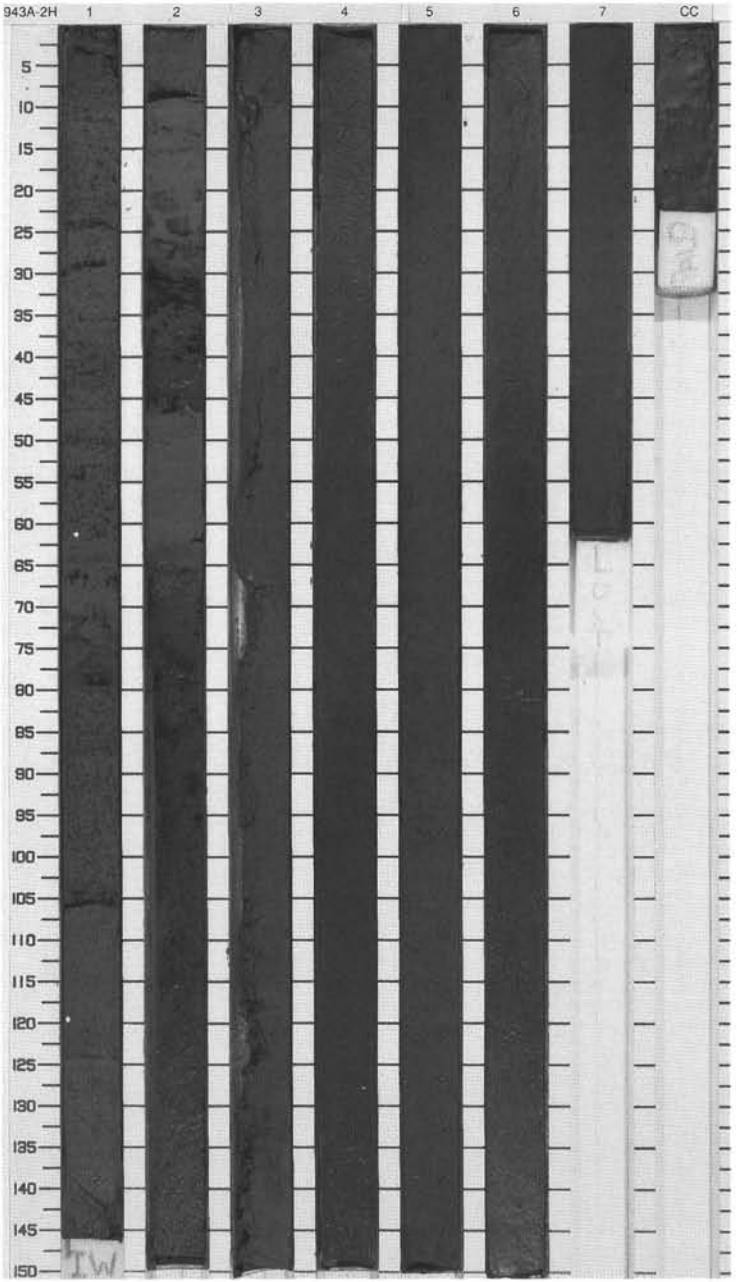
SITE 943 HOLE A CORE 1H CORED 0.0 - 4.3 mbsf

| Meter | Graphic Lith. | Section | Age | Structure | Disturb | Sample | Color | Description |
|---|---|---|---|---|---|---|---|---|
| 1 | | 1 | Holocene | | | | 10YR 4/3 To 5Y 3/2 | CALCAREOUS CLAY AND CLAY<br><br>Major Lithology:<br>The top 7 cm of this core consists of a dark brown calcareous (foraminifer and nannofossil rich) clay with a dark brown (7.5YR 4/3) indurated "crust" in the basal part. From 7–26 cm, a dark grayish brown (2.5Y 4/2) clay contains small (0.5–1 cm diameter) brown (10YR 5/3) clasts of foraminifer clay. The interval from 26 to 81 cm consists of dark olive gray clay. A brown to dark brown (10YR 5/3 to 3/3) foraminifer-nannofossil calcareous clay grades downward to a gray nannofossil-foraminifer clay between 81 cm in Section 1 and 8 cm in Section 2. From the sharp base of the gray clay to the bottom of the core, dark grayish brown (2.5Y 4/2) clay with black (N2/0) color banding and mottling occurs. Except for the upper 25 cm, hydrotroilite is common throughout this interval. |
| 2 | | 2 | late Pleistocene | | | | 10YR 4/3 To 5Y 5/1 | |
| 3 | | 3 | | | | | 2.5Y 4/2 | |
| 4 | | CC | | | | | | |



SITE 943 HOLE A CORE 2H CORED 4.3 - 13.8 mbsf

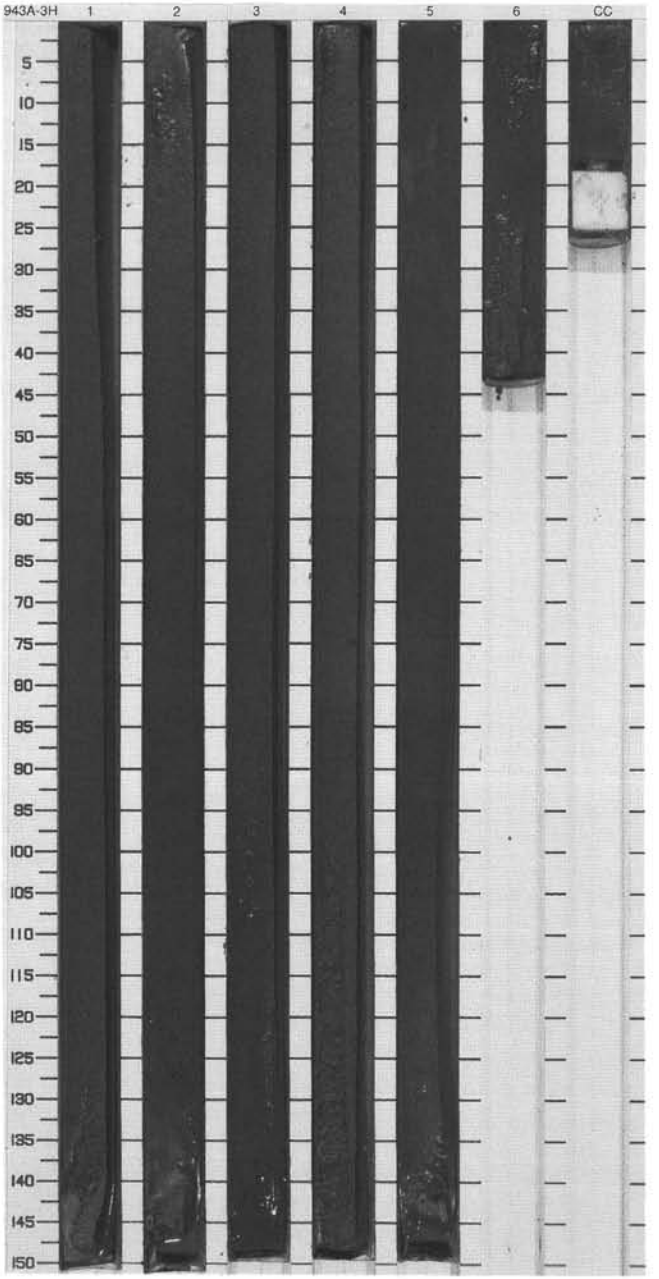
| Meter | Graphic Lith. | Section | Age | Structure | Disturb | Sample | Color | Description |
|---|---|---|---|---|---|---|---|---|
| 1–10 | | 1–7, CC | late Pleistocene | | | I, M | 2.5Y 3/2 To 5Y 3/2; 5Y 3/1 | SILTY CLAY AND SAND<br><br>Major Lithology:<br>From the top of this core to 46 cm in Section 2, dark gray to dark olive gray silty clay with abundant black (N2/0) mottles and burrows is the dominant lithology. From 46 to 66 cm in Section 2, a gray nannofossil-bearing clay clast occurs. Below 66 cm in Section 2 and extending to the bottom of the core, there is a well-sorted dark gray fine sand, whose primary fabric has been destroyed by coring. The in-place thickness of this sand interval is unknown. |



SITE 943 HOLE A CORE 3H CORED 13.8 - 23.3 mbsf

| Meter | Graphic Lith. | Section | Age | Structure | Disturb | Sample | Color | Description |
|---|---|---|---|---|---|---|---|---|
| 1–8 | | 1, 2, 3, 4, 5, 6, CC | late Pleistocene | | | M | 5Y 3/1 | FINE SAND<br><br>Major Lithology:<br>The entire core consists of a very dark gray fine sand with wood and pteropod fragments. The primary fabric of the sand has been destroyed by flow-in during coring, and the in-place thickness of the sand bed (or beds) is unknown. |

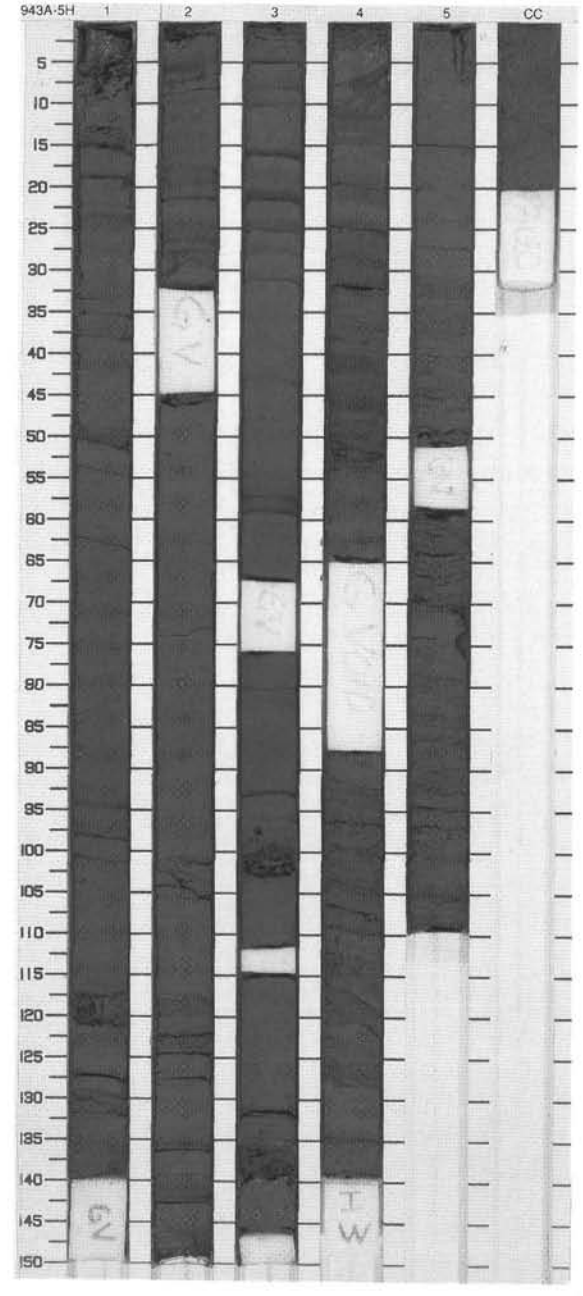
943A 4H NO RECOVERY



SITE 943 HOLE A CORE 5H CORED 32.8 - 40.2 mbsf

| Meter | Graphic Lith. | Section | Age | Structure | Disturb | Sample | Color | Description |
|---|---|---|---|---|---|---|---|---|
| 1–7 | Void | 1–5, CC | late Pleistocene | | | I, M | 5Y 3/1; 5Y 2.5/1; 5Y 3/1 | SILTY CLAY WITH SILT LAMINAE AND BEDS and SILT WITH MUD CLASTS<br><br>Major Lithologies:<br>From the top of the core to the base of Section 3, the sediment is a very dark gray silty clay with laminae and beds of silt. Intervals of faint black (N2/0) color banding alternate with black mottled and slightly bioturbated intervals without discrete silt layers. In Sections 4 and 5, as well as in the CC, thicker silt beds are intercalated with the same very dark gray silty clay; the thickest bed is 81 cm of fining-upward silt that contains numerous mud clasts. |

943A 6X NO RECOVERY

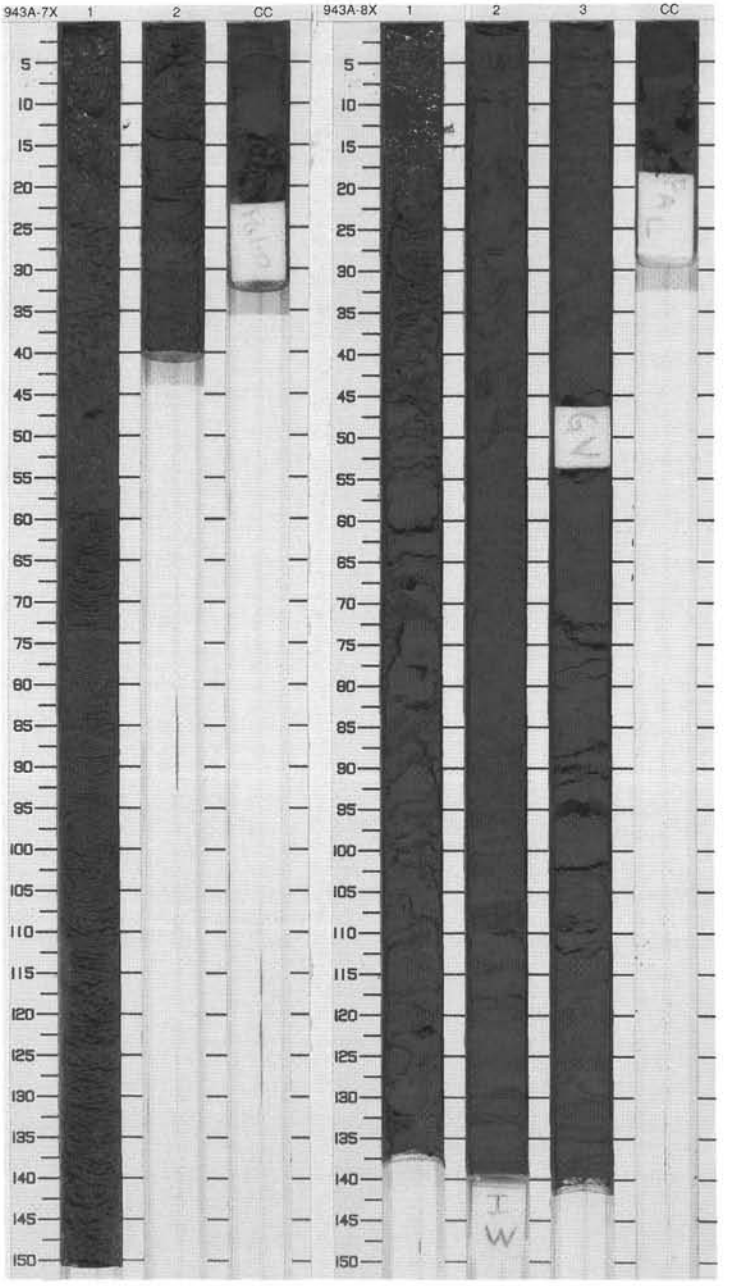


SITE 943 HOLE A CORE 7X CORED 48.8 - 58.3 mbsf

| Meter | Graphic Lith. | Section | Age | Structure | Disturb | Sample | Color | Description |
|---|---|---|---|---|---|---|---|---|
| 1–2 | | 1, 2, CC | late Pleistocene | | | M | | SILT<br><br>Major Lithology:<br>The entire core consists of a very dark gray silt with rare thin mud clasts in the lower part of the CC section.<br><br>General Description:<br>Gas expansion has separated the primary thin bedding of silt layers on a millimeter to centimeter scale. |

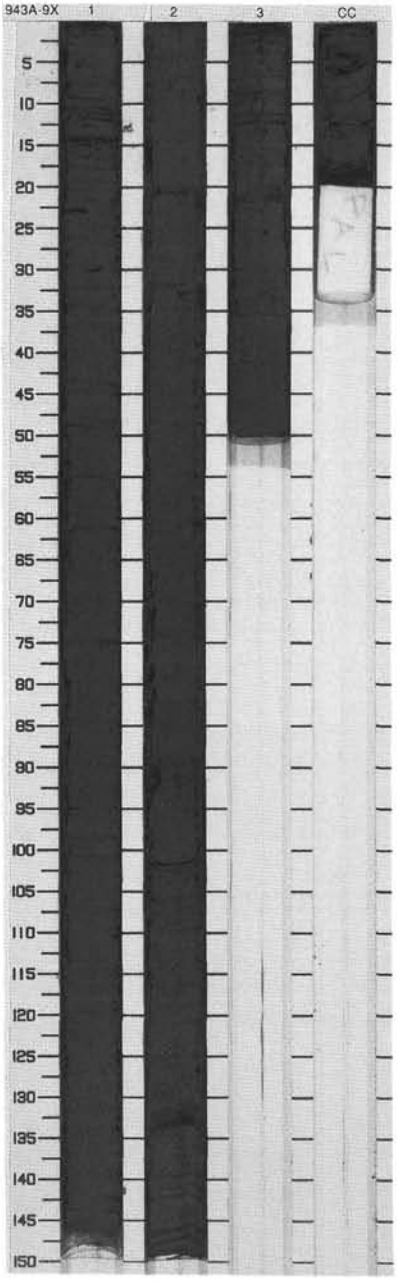
SITE 943 HOLE A CORE 8X CORED 58.3 - 67.8 mbsf

| Meter | Graphic Lith. | Section | Age | Structure | Disturb | Sample | Color | Description |
|---|---|---|---|---|---|---|---|---|
| 1–4 | | 1, 2, 3, CC | late Pleistocene | | | I, M | 5Y 3/1 | SILTY SAND WITH CLAY CLASTS and SILTY CLAY WITH SAND BEDS<br><br>Major Lithologies:<br>The sediment in this core is dominated by a very dark gray silty sand with clasts of clay and silty clay. In two intervals (Section 1, at 102 cm, to Section 2, at 84 cm; and Section 3, from 50 cm to the bottom of the core), the silty clay clasts contain, or are intermixed with, contorted or disrupted silty sand beds of several centimeters thickness. |



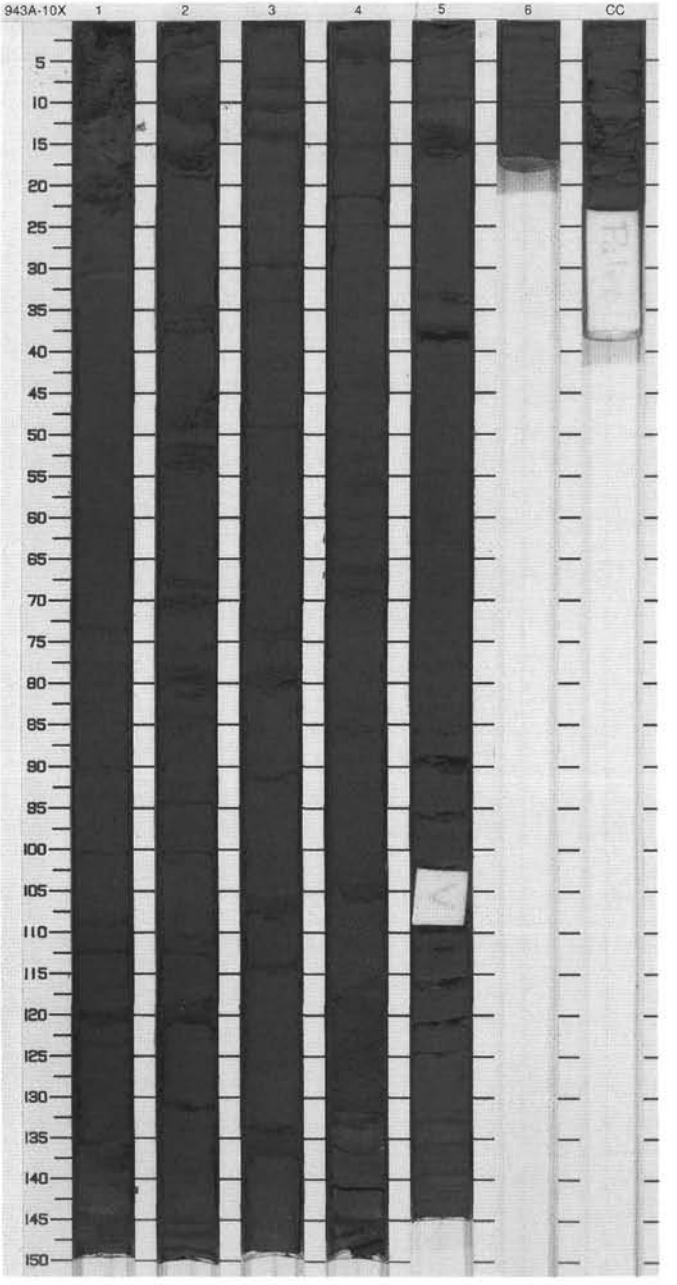
SITE 943 HOLE A CORE 9X CORED 67.8 - 77.4 mbsf

| Meter | Graphic Lith. | Section | Age | Structure | Disturb | Sample | Color | Description |
|---|---|---|---|---|---|---|---|---|
| 1<br>2<br>3 | | 1<br>2<br>3<br>CC | late Pleistocene | | | S<br>M | 5Y 3/1 | SILTY CLAY WITH SILT LAMINAE AND BEDS<br><br>Major Lithology:<br>The sediment in this core is a very dark gray silty clay with abundant silt laminae and rare thin silt beds. |



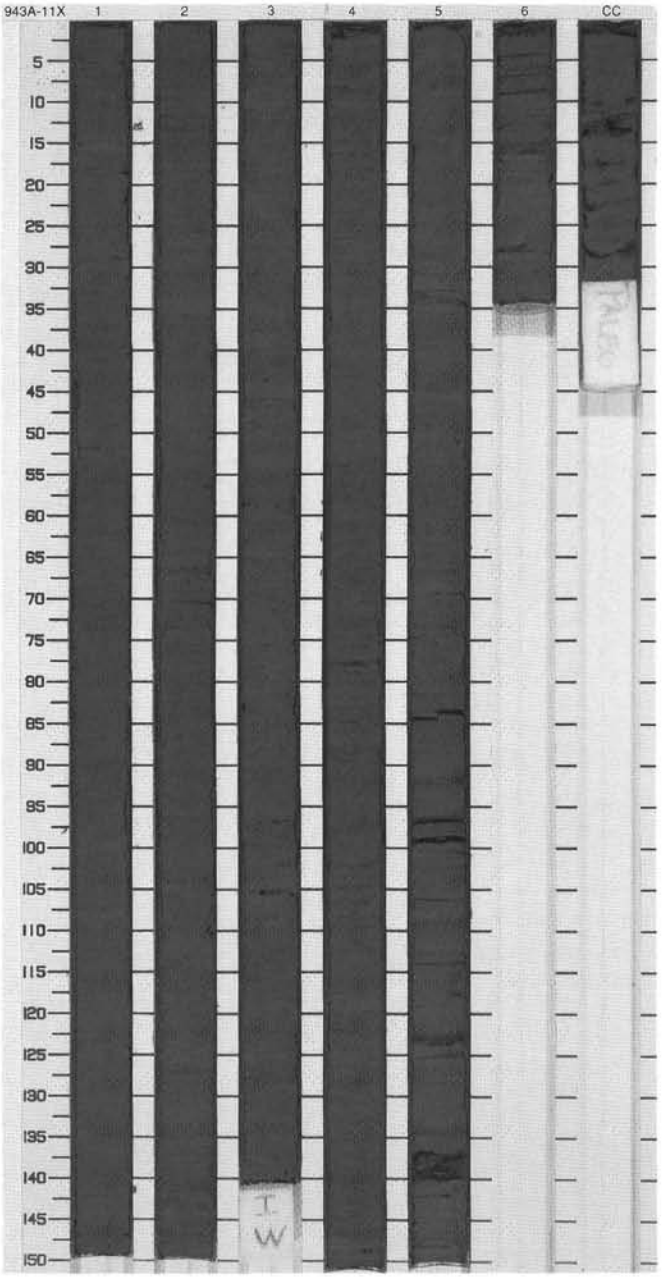
SITE 943 HOLE A CORE 10X CORED 77.4 - 87.0 mbsf

| Meter | Graphic Lith. | Section | Age | Structure | Disturb | Sample | Color | Description |
|---|---|---|---|---|---|---|---|---|
| 1–7 | | 1–5, 6, CC | late Pleistocene | | | M | 5Y 3/1 | SILTY CLAY WITH SILT BEDS AND LAMINAE<br><br>Major Lithology:<br>In this core, a very dark gray silty clay is intercalated with abundant thin silt beds and numerous silt laminae. Silt beds commonly display internal parallel- or cross-lamination. A 17-cm-thick bed of fine sand occurs in Section 4, 115–132 cm. |



SITE 943 HOLE A CORE 11X CORED 87.0 - 96.6 mbsf

| Meter | Graphic Lith. | Section | Age | Structure | Disturb | Sample | Color | Description |
|---|---|---|---|---|---|---|---|---|
| 1–8 | | 1–6, CC | late Pleistocene | | | S, I, M | 5Y 3/1 | SILTY CLAY WITH SILT LAMINAE AND BEDS<br><br>Major Lithology:<br>The dominant sediment is very dark gray silty clay. A few silt laminae occur in Sections 1 through to 4, except in the interval from Section 2, 70 cm, to Section 4, 73 cm. In Sections 5 and 6, the silty clay is intercalated with silt laminae and thin beds at intervals of 1 to 10 cm. Black (N2/0) color banding alternates with intervals of black mottling and bioturbation in those sediment sections void of silt layers. |



SITE 943 HOLE A CORE 12X CORED 96.6 - 106.3 mbsf

| Meter | Graphic Lith. | Section | Age | Structure | Disturb | Sample | Color | Description |
|---|---|---|---|---|---|---|---|---|
| 1–9 | | 1–6, CC | late Pleistocene | | | M | 5Y 3/1 | SILTY CLAY WITH SILT LAMINAE AND BEDS<br><br>Major Lithology:<br>In this core a very dark silty clay is intercalated with very abundant silt laminae and thin silt beds. Beds and laminae are commonly disrupted and discontinous as a result of drilling disturbance. The silty clay exhibits intervals of black (N/2) mottles and slight to moderate bioturbation or black color banding. Black iron monosulfide micronodules occur scattered throughout Sections 4 and 5. |