1075A-1H 0.0-1.5 mbsf

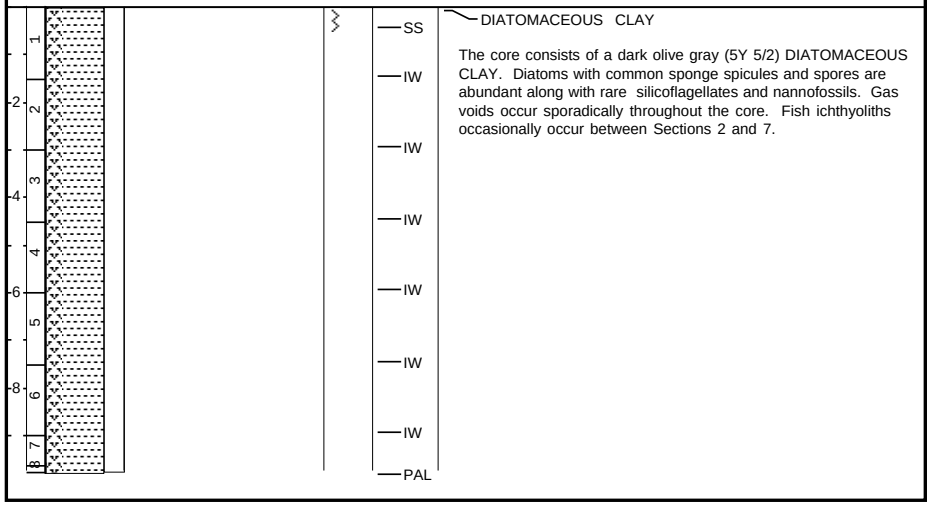
Leg 175 Site 1075 Hole A Core 1H

METERS	SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
									IW PAL	DIATOMACEOUS CLAY The core consists of a greenish gray (5GY 5/1) DIATOMACEOUS CLAY. Diatoms and silicoflagellates are abundant. Phytoliths, radiolarians, and nannofossils are rare.

1075A-1H

1075A-2H 1.5-11.0 mbsf

Leg 175 Site 1075 Hole A Core 2H

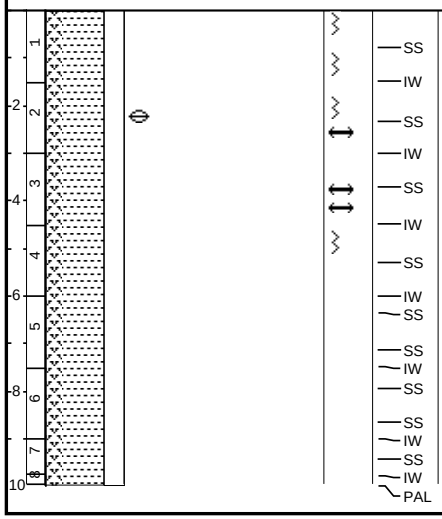


The core consists of a dark olive gray (5Y 5/2) DIATOMACEOUS CLAY. Diatoms with common sponge spicules and spores are abundant along with rare silicoflagellates and nannofossils. Gas voids occur sporadically throughout the core. Fish ichthyoliths occasionally occur between Sections 2 and 7.

1075A-2H

1075A-3H 11.0-20.5 mbsf

Leg 175 Site 1075 Hole A Core 3H

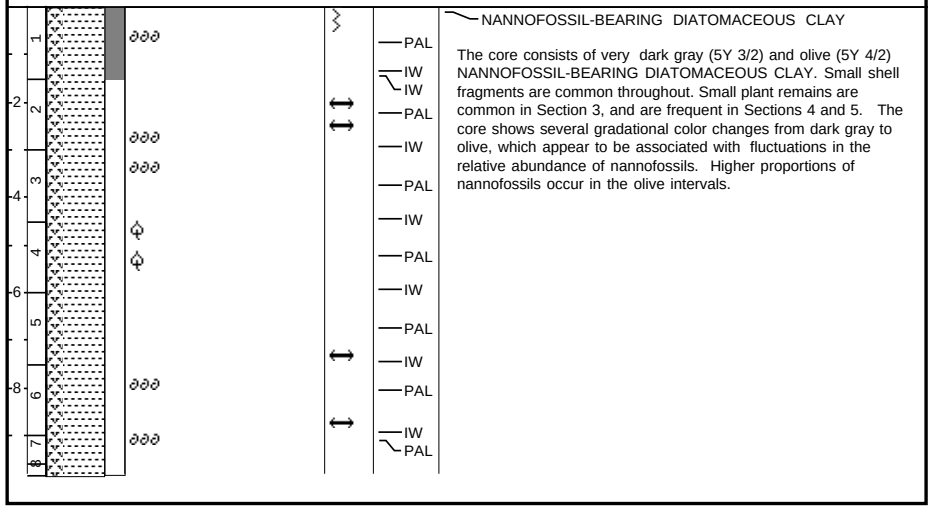


The core consists of very dark gray (5Y 3/1) DIATOMACEOUS CLAY with slight color changes from very dark gray to very dark olive gray (5Y 3/2) in Sections 3, 6, and 7, and to lighter olive intervals (5Y 4/3) in Section 5. Gas voids and sediment disturbed by gas release occurred sporadically throughout the core. Mottling was apparent in Section 1, 70 -78 cm, and in Section 6, 0-70 cm.

1075A-3H

1075A-4H 20.5-30.0 mbsf

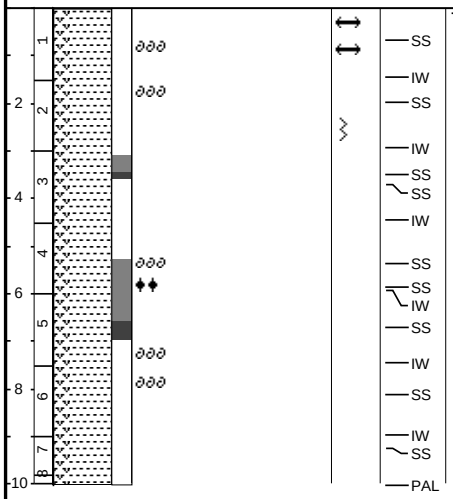
Leg 175 Site 1075 Hole A Core 4H



1075A-4H

1075A-5H 30.0-39.5 mbsf

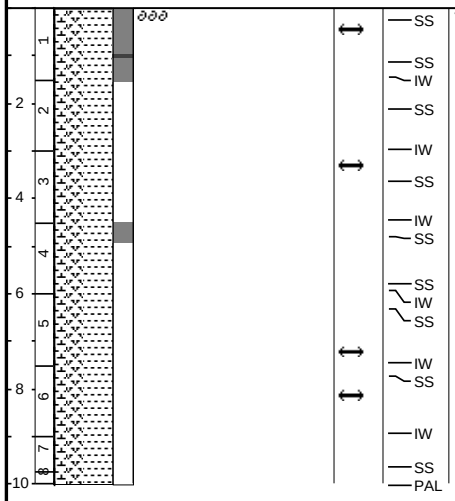
Leg 175 Site 1075 Hole A Core 5H



1075A-5H

1075A-6H 39.5-49.0 mbsf

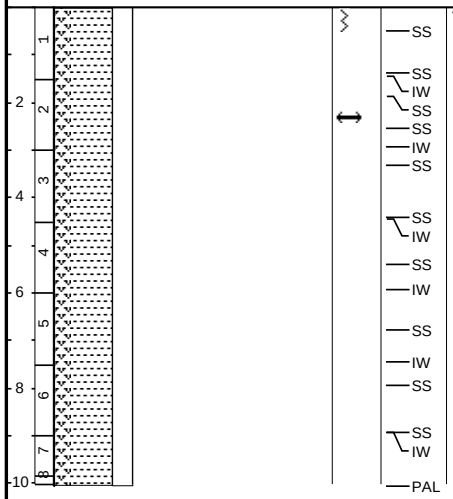
Leg 175 Site 1075 Hole A Core 6H



1075A-6H

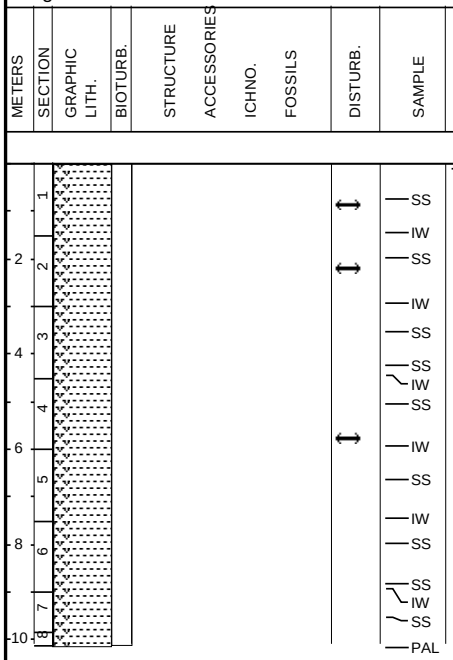
1075A-7H 49.0-58.5 mbsf

Leg 175 Site 1075 Hole A Core 7H



1075A-8H 58.5-68.0 mbsf

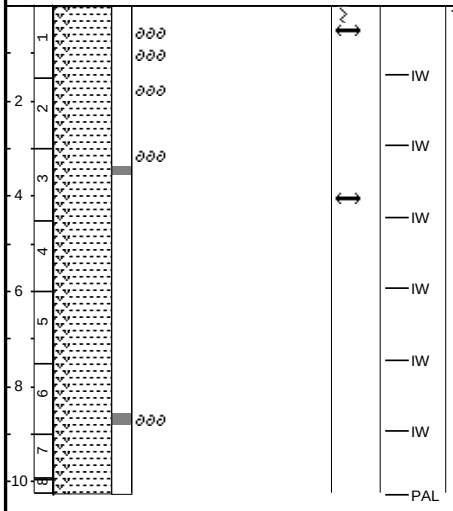
Leg 175 Site 1075 Hole A Core 8H



1075A-8H

1075A-9H 68.0-77.5 mbsf

Leg 175 Site 1075 Hole A Core 9H



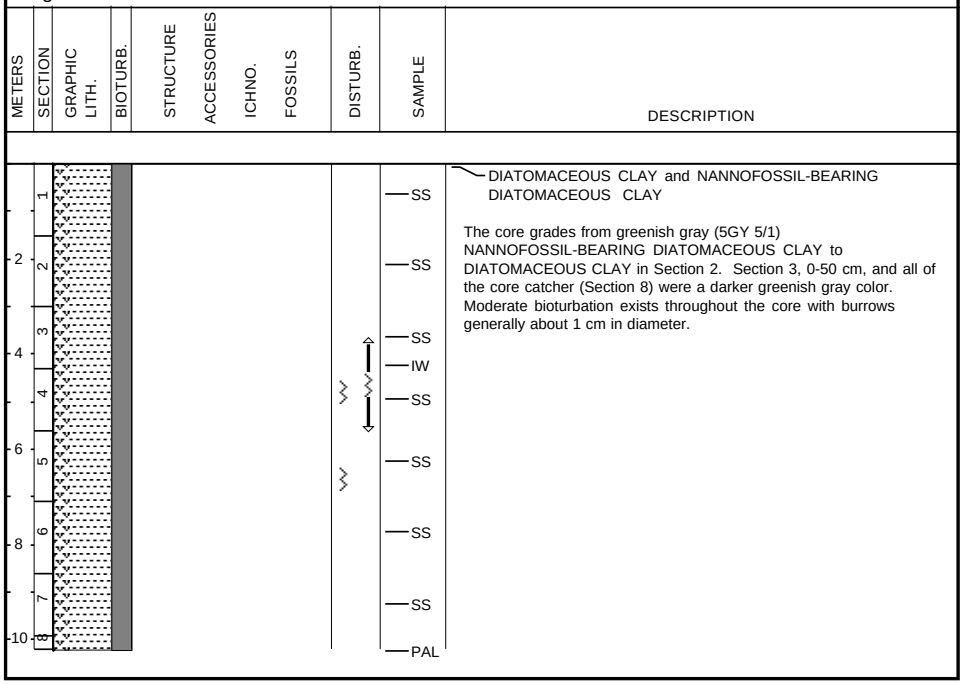
NANNOFOSSIL-BEARING DIATOMACEOUS CLAY

The core consist of very dark gray (5Y 3/1), olive gray (5Y 4/2), and greenish gray (5GY 4/1) NANNOFOSSIL-BEARING DIATOMACEOUS CLAY. Short mottled sections of about 20 cm thickness occur throughout the core. Small shell fragments occur occasionally throughout the core. A gradual transition from dark greenish gray (5GY 4/1) to very dark gray (5Y 3/1) occurs at the top of Section 4.

1075A-9H

1075A-10H 77.5-87.0 mbsf

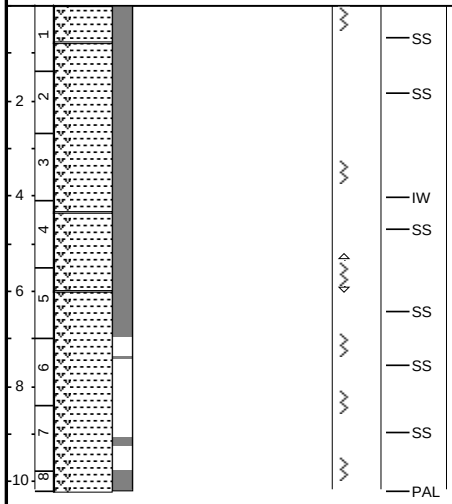
Leg 175 Site 1075 Hole A Core 10H



1075A-10H

1075A-11H 87.0-96.5 mbsf

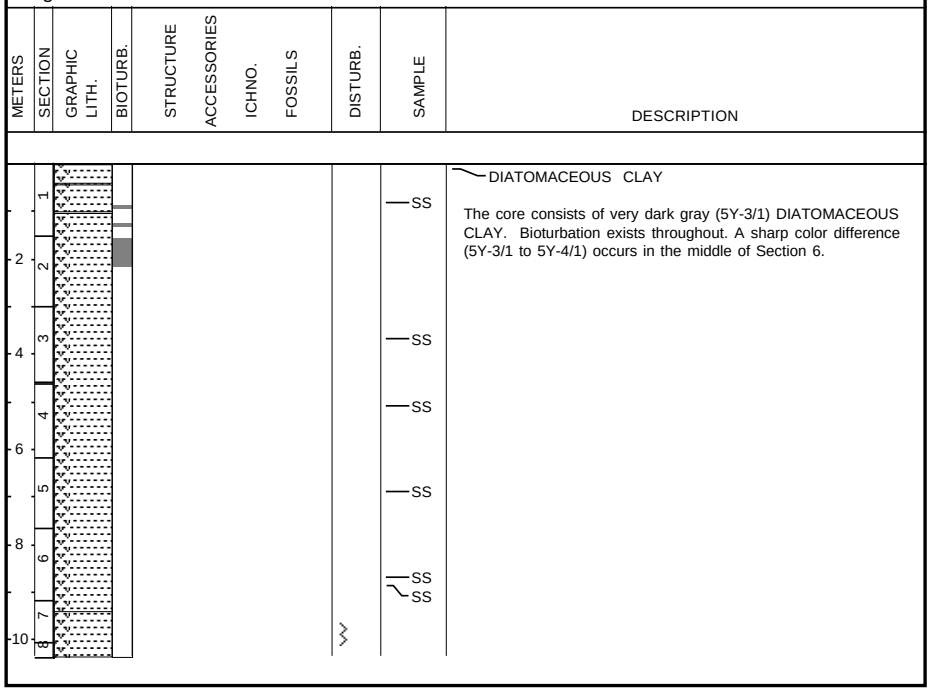
Leg 175 Site 1075 Hole A Core 11H



1075A-11H

1075A-12H 96.5-106.0 mbsf

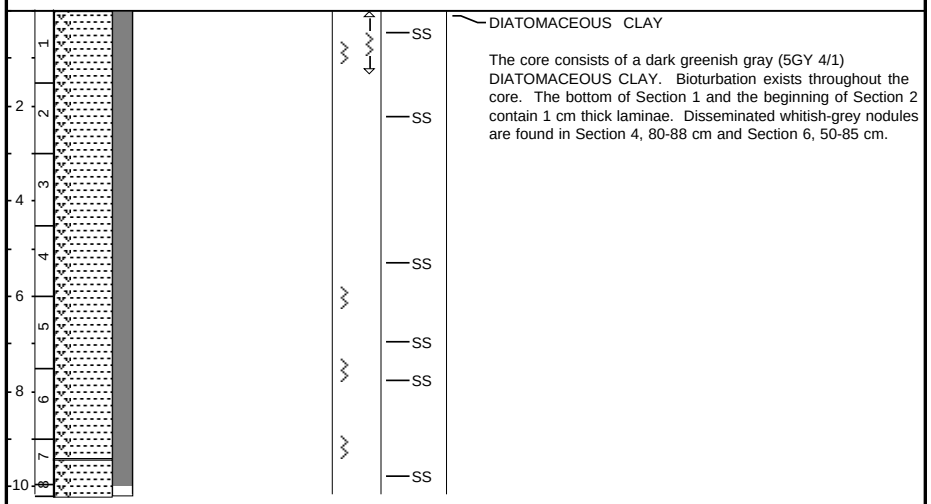
Leg 175 Site 1075 Hole A Core 12H



1075A-12H

1075A-13H 106.0-115.5 mbsf

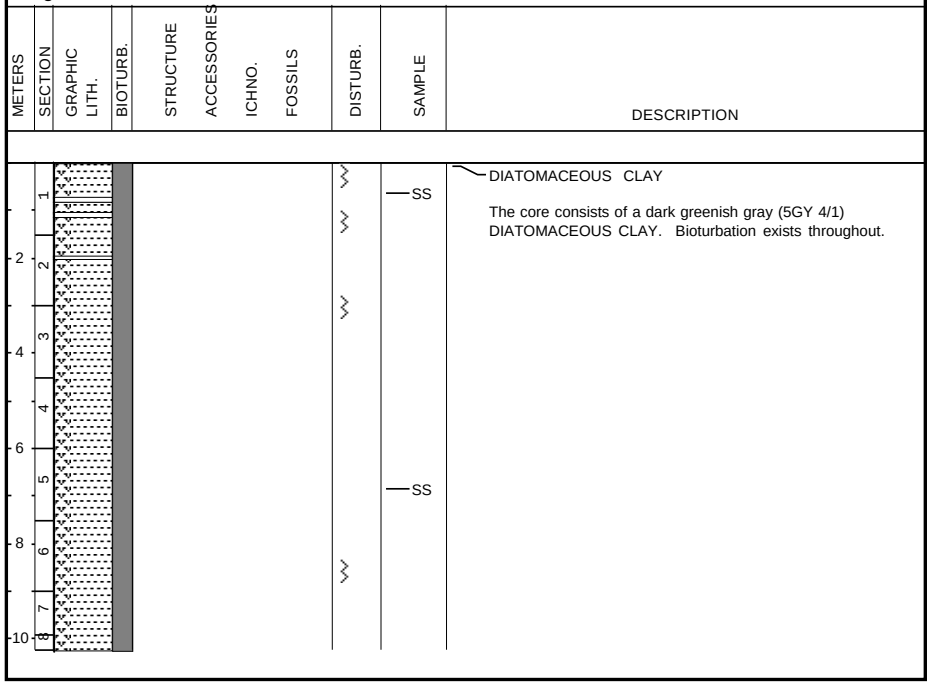
Leg 175 Site 1075 Hole A Core 13H



1075A-13H

1075A-14H 115.5-125.0 mbsf

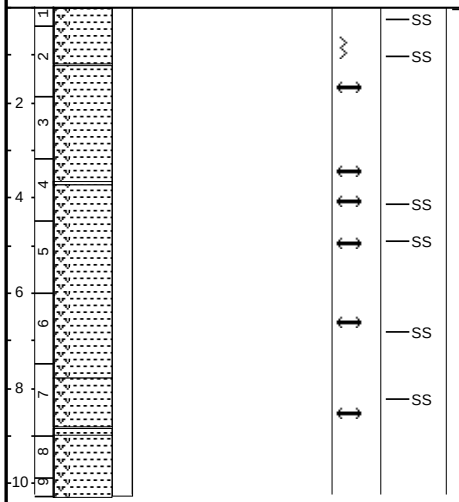
Leg 175 Site 1075 Hole A Core 14H



1075A-14H

1075A-15H 125.0-134.5 mbsf

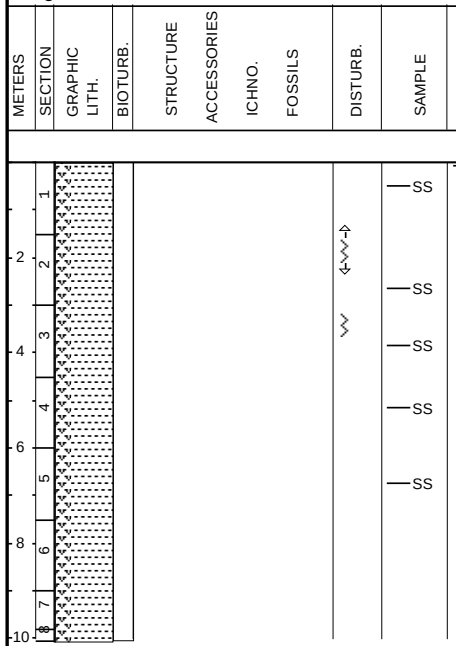
Leg 175 Site 1075 Hole A Core 15H



1075A-15H

1075A-16H 134.5-144.0 mbsf

Leg 175 Site 1075 Hole A Core 16H

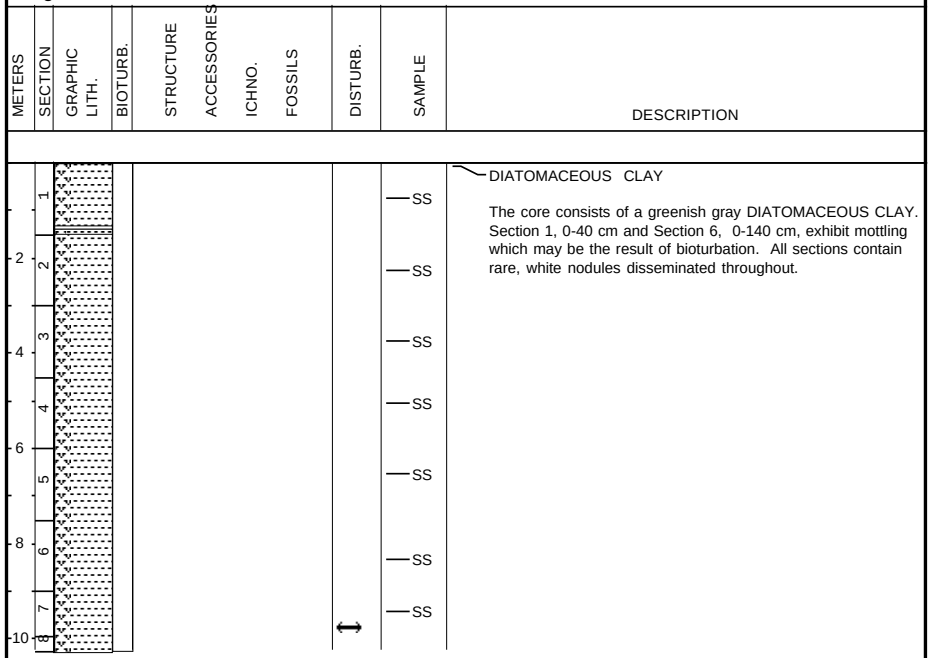


The core consists of olive gray (5Y 4/2) DIATOMACEOUS CLAY. Greenish gray intervals are observed in the lower half of Section 2 and in the upper part of Section 3. Mottling occurs in the upper part of Section 1. Minor core disturbances are observed throughout the core. Silicoflagellates are more abundant than in Core 15.

1075A-16H

1075A-17H 144.0-153.5 mbsf

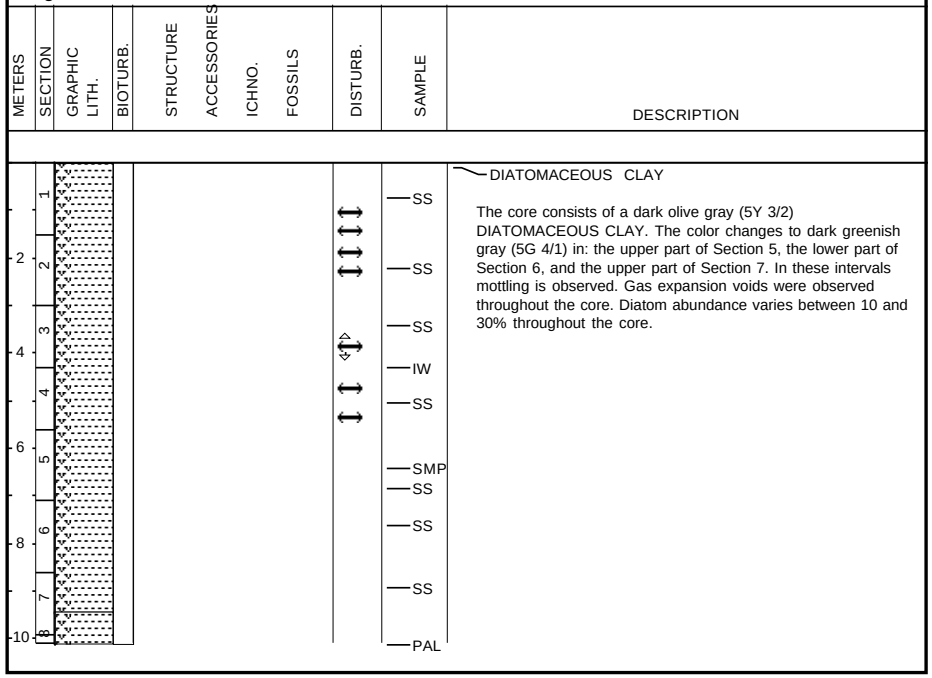
Leg 175 Site 1075 Hole A Core 17H



1075A-17H

1075A-18H 153.5-163.0 mbsf

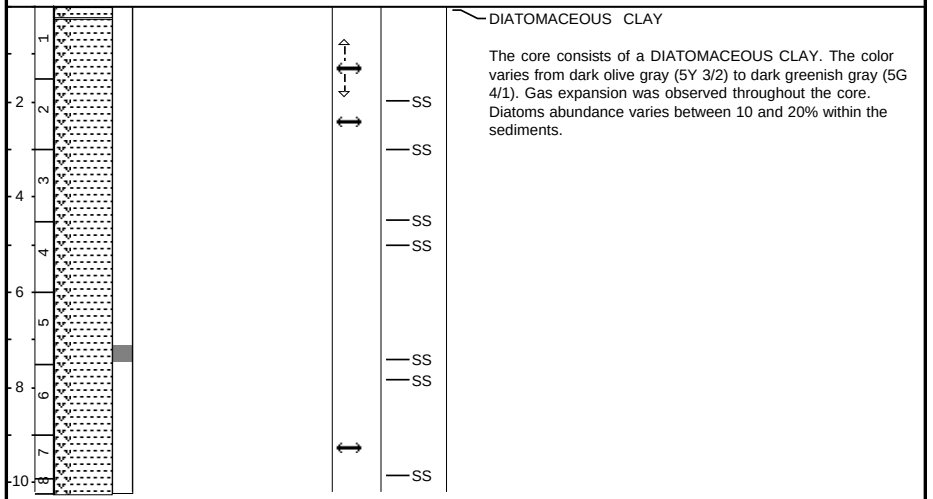
Leg 175 Site 1075 Hole A Core 18H



1075A-18H

1075A-19H 163.0-172.5 mbsf

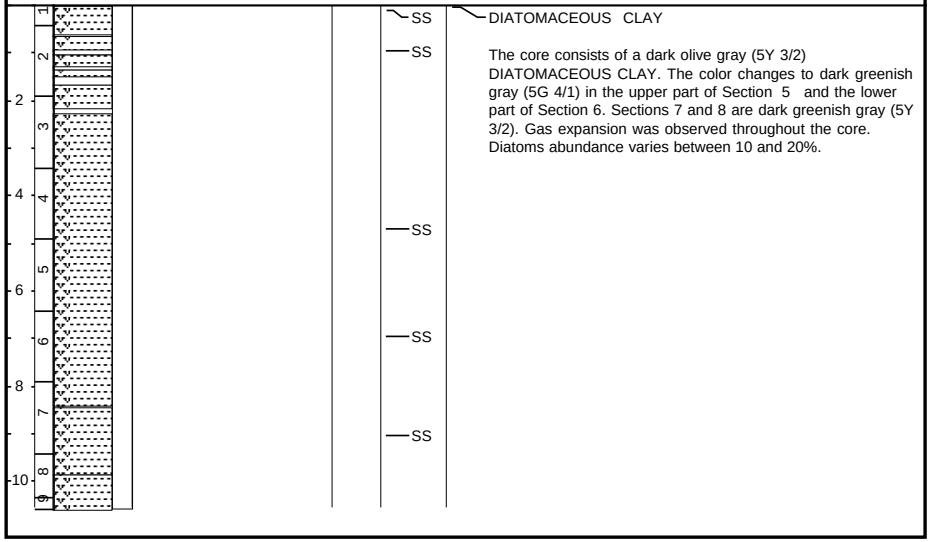
Leg 175 Site 1075 Hole A Core 19H



1075A-19H

1075A-20H 172.5-182.0 mbsf

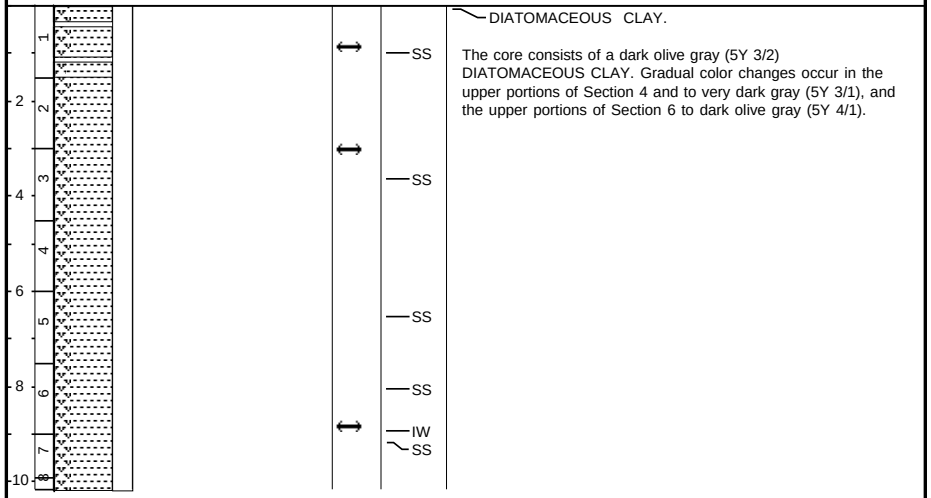
Leg 175 Site 1075 Hole A Core 20H



1075A-20H

1075A-21H 182.0-191.5 mbsf

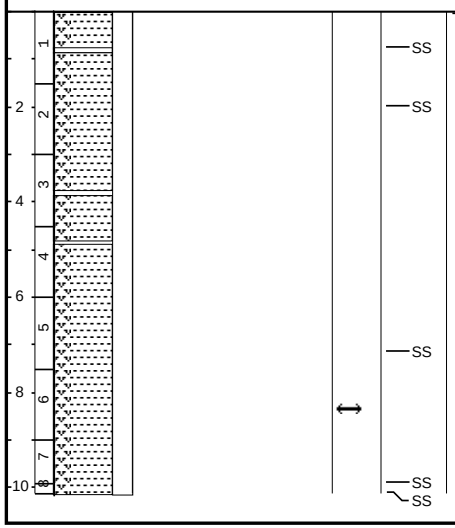
Leg 175 Site 1075 Hole A Core 21H



1075A-21H

1075A-22H 191.5-201.0 mbsf

Leg 175 Site 1075 Hole A Core 22H

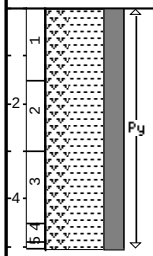


The core consists of a dark olive gray (5Y 3/2) DIATOMACEOUS CLAY. The color changes from dark olive gray (5Y 3/2) to very dark gray (5Y 3/1) in the upper half of Section 2. The color changes gradually from dark olive gray (5Y 3/1) to dark greenish gray (56Y 4/1) in the lower portions of Sections 4 and 5.

1075A-22H

1075B-1H 0.0-5.0 mbsf

Leg 175 Site 1075 Hole B Core 1H



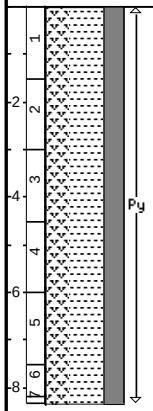
GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	ICHNO.	FOSSILS	DISTURB.	SAMPLE	DESCRIPTION
								DIATOMACEOUS CLAY

The core consists of greenish gray (5GY 5/1) DIATOMACEOUS CLAY. Gas voids and burrows occur throughout the core. The core is bioturbated throughout.

1075B-1H

1075B-2H 5.0-14.5 mbsf

Leg 175 Site 1075 Hole B Core 2H

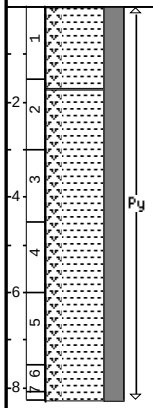


The core consists of a dark greenish gray (5GY 4/1) DIATOMACEOUS CLAY. Burrows, 0.5 and 1.5 cm in diameter, occur throughout the core.

1075B-2H

1075B-3H 14.5-24.0 mbsf

Leg 175 Site 1075 Hole B Core 3H



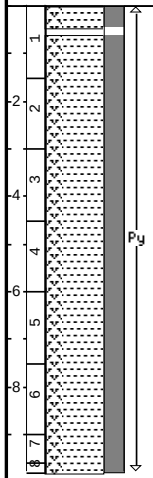
DIATOMACEOUS CLAY

The core consists of a grayish olive (5Y 4/1) to dark grayish green (5GY 4/1) DIATOMACEOUS CLAY. The whole core is bioturbed. Bioturbated contacts are evident at color changes at the bottom of Section 2 and the top of Section 3 and are 10 to 20 cm in width. Minor gas expansion cracks are evident.

1075B-3H

1075B-4H 24.0-33.5 mbsf

Leg 175 Site 1075 Hole B Core 4H



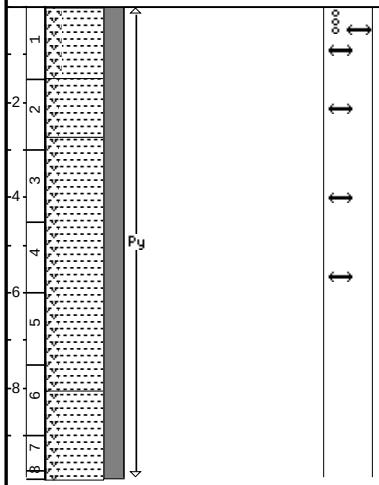
DIATOMACEOUS CLAY

The core consists of alternating intervals of dark olive gray (5Y 3/2) and dark greenish gray (5BG 4/1) DIATOMACEOUS CLAY. Bioturbation occurs throughout the core. Gas expansion gaps occur throughout the core.

1075B-4H

1075B-5H 33.5-43.0 mbsf

Leg 175 Site 1075 Hole B Core 5H



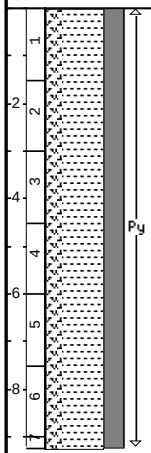
NANNOFOSSIL-RICH DIATOMACEOUS CLAY and DIATOMACEOUS CLAY

The core consists of alternating intervals of dark olive gray (5Y 3/2) and dark greenish gray (5BG 4/1) NANNOFOSSIL-RICH AND DIATOMACEOUS CLAY. Bioturbation was observed throughout the core. Gas expansion voids occur throughout the core.

1075B-5H

1075B-6H 43.0-52.5 mbsf

Leg 175 Site 1075 Hole B Core 6H



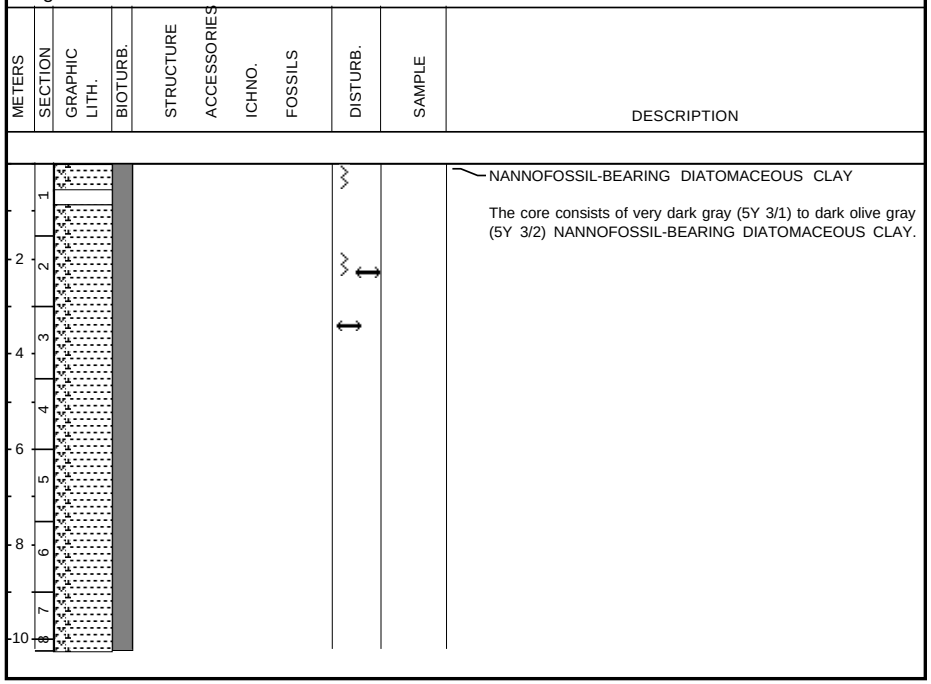
NANNOFOSSIL-BEARING DIATOMACEOUS CLAY

The core consists of very dark gray (5Y 3/1) to olive (5Y 4/2) NANNOFOSSIL-BEARING DIATOMACEOUS CLAY. The core has a mottled texture due to moderate bioturbation. Burrow traces are found throughout the core and range in diameter from 1 to 1.5 cm. Occasional small shell fragments occur throughout the core.

1075B-6H

1075B-7H 52.5-62.0 mbsf

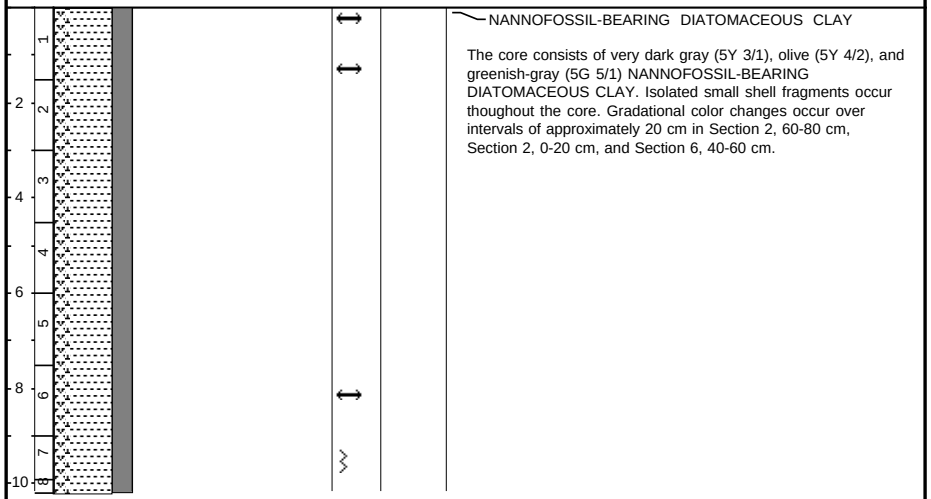
Leg 175 Site 1075 Hole B Core 7H



1075B-7H

1075B-8H 62.0-71.5 mbsf

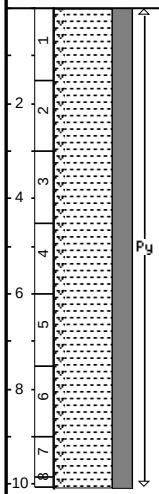
Leg 175 Site 1075 Hole B Core 8H



1075B-8H

1075B-9H 71.5-81.0 mbsf

Leg 175 Site 1075 Hole B Core 9H



STRUCTURE | ACCESSORIES | ICHNO. | FOSSILS | DISTURB. | SAMPLE

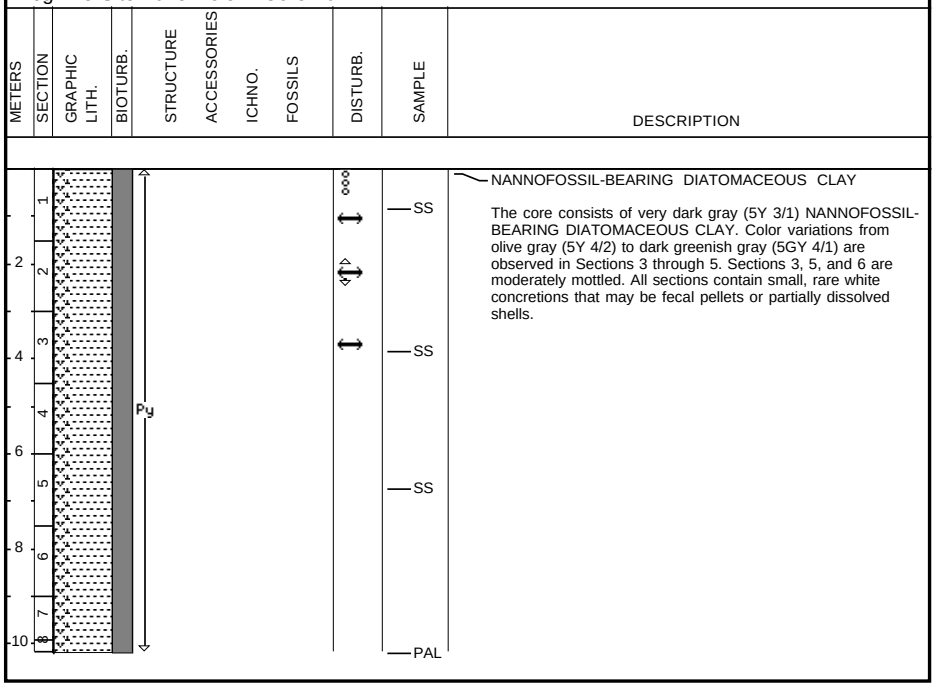
DESCRIPTION

NANNOFOSSIL-RICH DIATOMACEOUS CLAY

The core consists of very dark gray (5Y 3/1), olive gray (5Y 4/2), and greenish gray (5GY 4/1) NANNOFOSSIL-RICH DIATOMACEOUS CLAY. There is a sharp contact at Section 1, 30 cm. No bioturbation is apparent above the boundary, whereas the entire core below this contact is bioturbated.

1075B-10H 81.0-90.5 mbsf

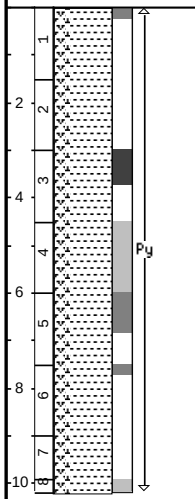
Leg 175 Site 1075 Hole B Core 10H



1075B-10H

1075B-11H 90.5-100.0 mbsf

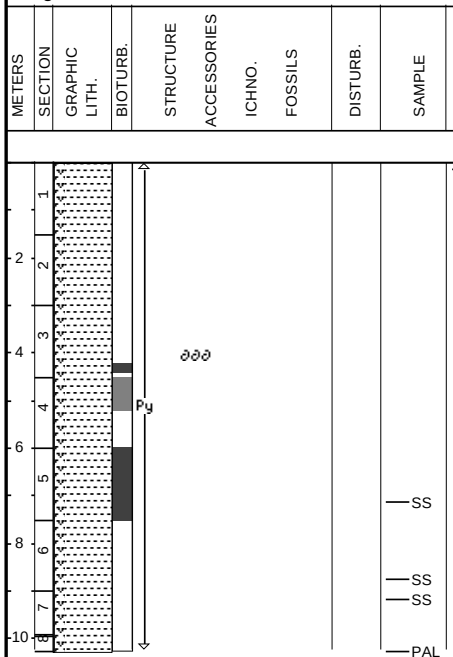
Leg 175 Site 1075 Hole B Core 11H



1075B-11H

1075B-12H 100.0-109.5 mbsf

Leg 175 Site 1075 Hole B Core 12H

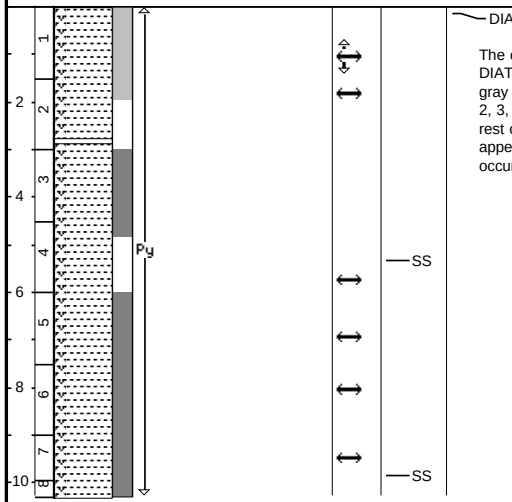


The core consists of dark olive gray (5Y 3/2) DIATOMACEOUS CLAY. Section 6 shows alternating changes in color from greenish gray (5GY 5/1) to dark greenish gray (5G 4/1) at 10 cm, 52 cm, and 141 cm. Section 7 also has sharp changes in color at 14 cm, 27 cm, and 86 cm. Small, rare white concretions are evident in Section 3, 60-72 cm. There is extensive mottling throughout Section 5. Smear slides analysis of this section shows high abundance of pyrite. Small gas expansion voids occur throughout the core.

1075B-12H

1075B-13H 109.5-119.0 mbsf

Leg 175 Site 1075 Hole B Core 13H



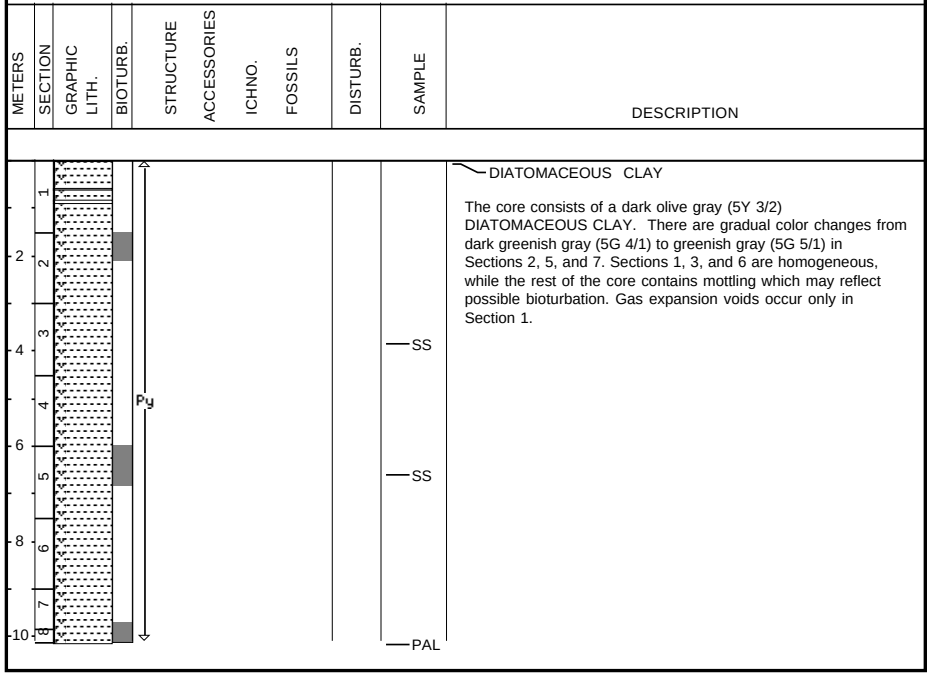
DIATOMACEOUS CLAY

The core consists of a dark olive gray (5 Y 3/2) DIATOMACEOUS CLAY. Color changes from dark greenish gray (5G 4/1) to greenish gray (5G 5/1) occur between Sections 2, 3, 6, and 7. Sections 1 and 6 are homogeneous, while the rest of the sections show mottling. Small, rare white nodules appear disseminated throughout the core. Gas expansion voids occur throughout the core.

1075B-13H

1075B-14H 119.0-128.5 mbsf

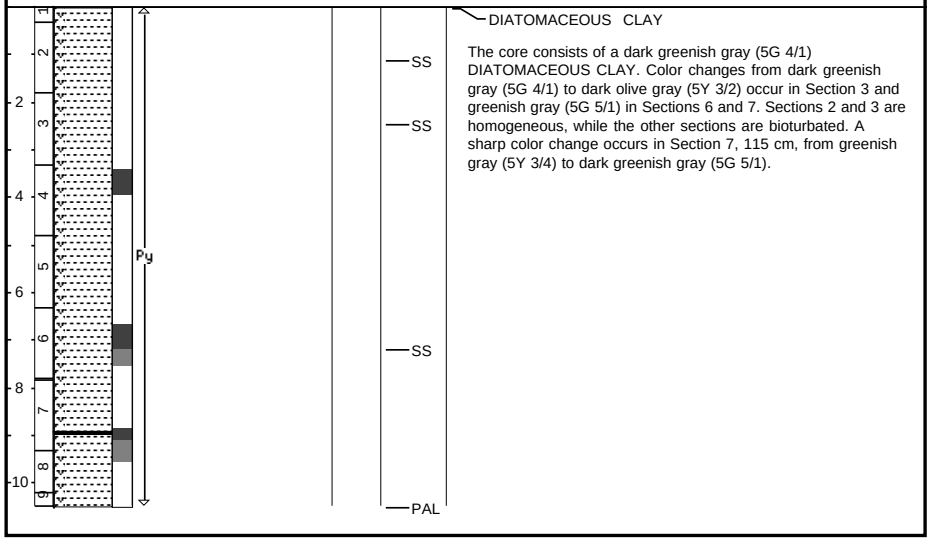
Leg 175 Site 1075 Hole B Core 14H



1075B-14H

1075B-15H 128.5-138.0 mbsf

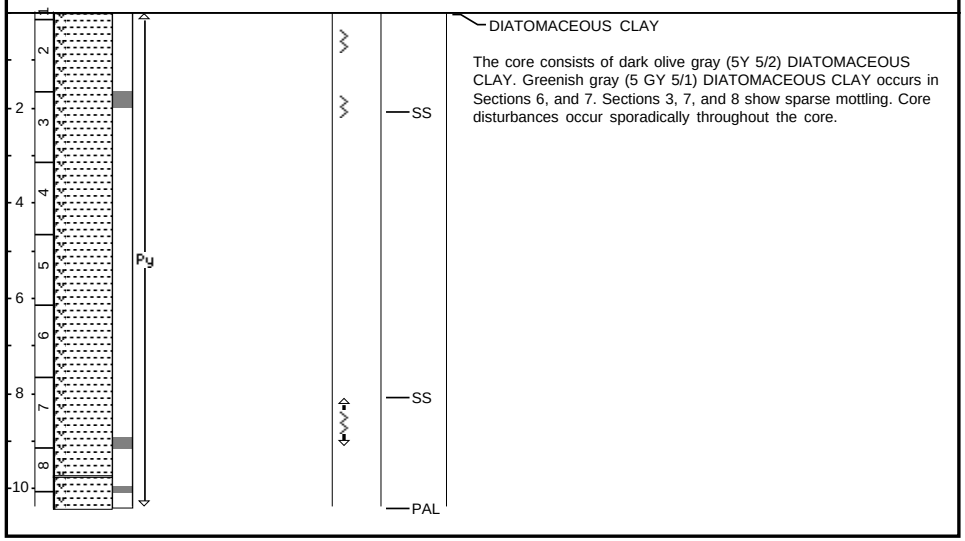
Leg 175 Site 1075 Hole B Core 15H



1075B-15H

1075B-16H 138.0-147.5 mbsf

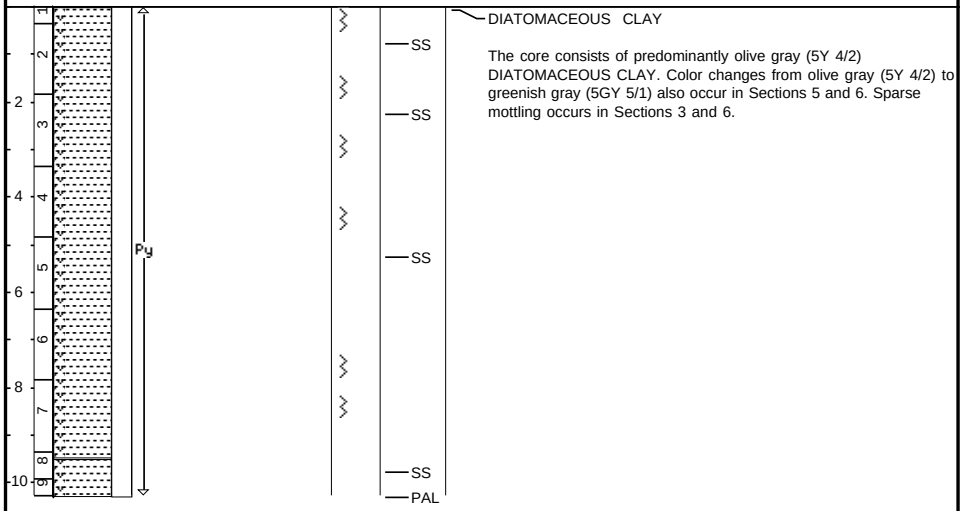
Leg 175 Site 1075 Hole B Core 16H



1075B-16H

1075B-17H 147.5-157.0 mbsf

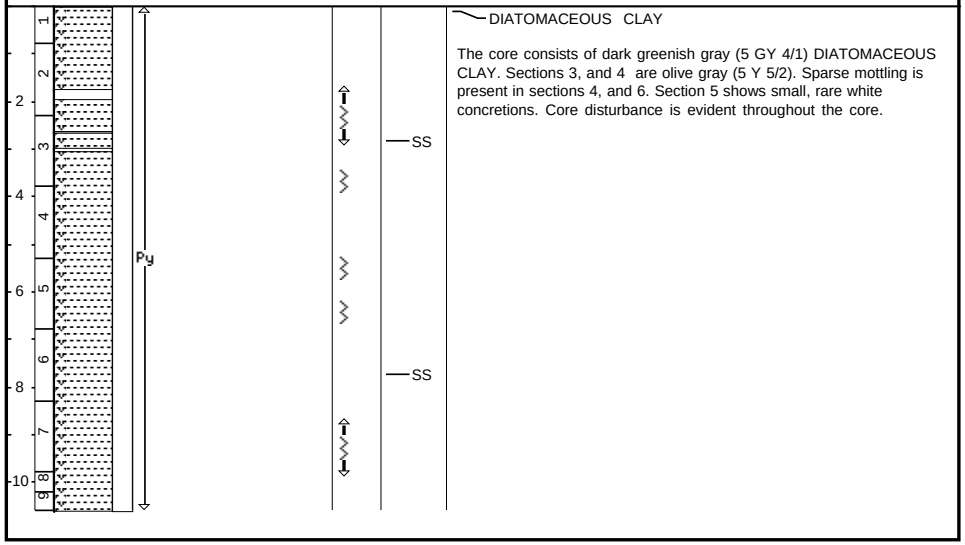
Leg 175 Site 1075 Hole B Core 17H



1075B-17H

1075B-18H 157.0-166.5 mbsf

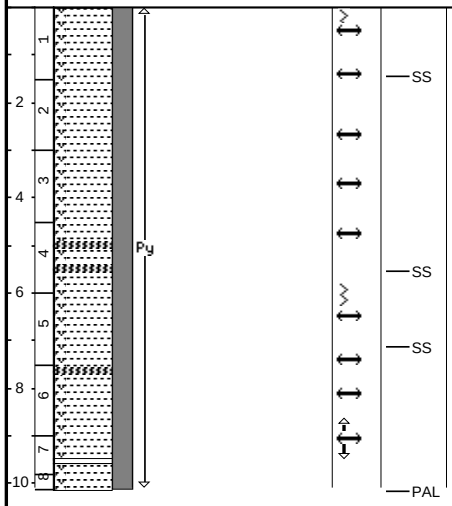
Leg 175 Site 1075 Hole B Core 18H



1075B-18H

1075B-19H 166.5-176.0 mbsf

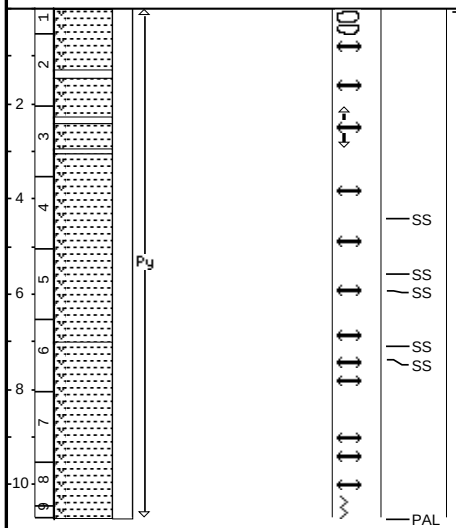
Leg 175 Site 1075 Hole B Core 19H



1075B-19H

1075B-20H 176.0-185.5 mbsf

Leg 175 Site 1075 Hole B Core 20H

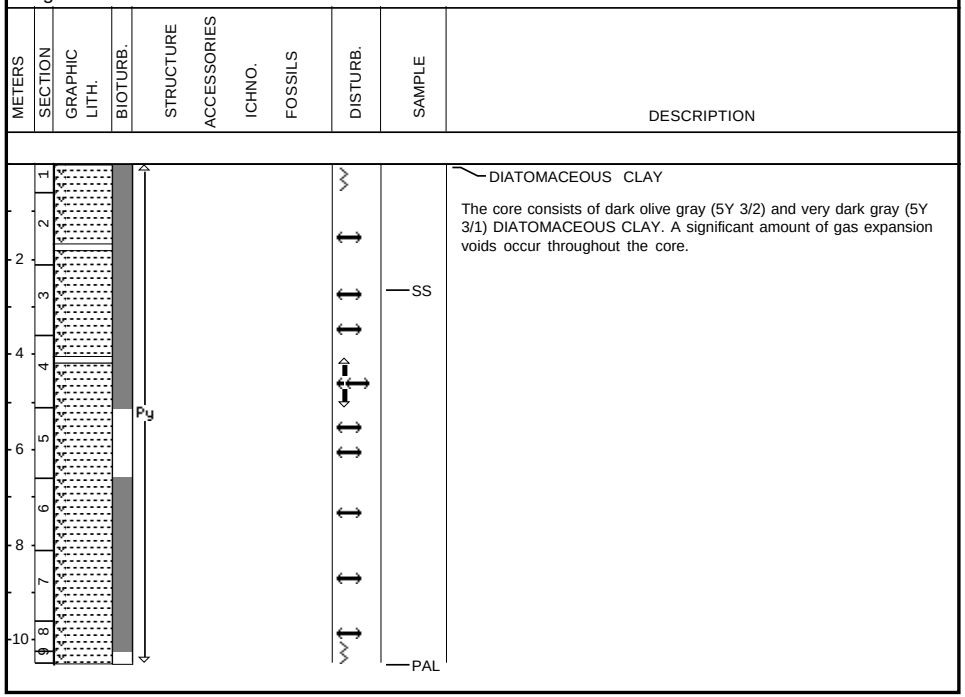


The core consists of a dark olive gray (5Y 3/2) to dark greenish gray (5G 4/1) DIATOMACEOUS CLAY. Gas expansion voids were observed throughout the core. A distinct framboidal pyrite-, plant fragment-rich, silty lamina of 2 mm thickness is present within Section 6, 51 cm. Whitish nodules are disseminated below this lamina in Section 6.

1075B-20H

1075B-21H 185.5-195.0 mbsf

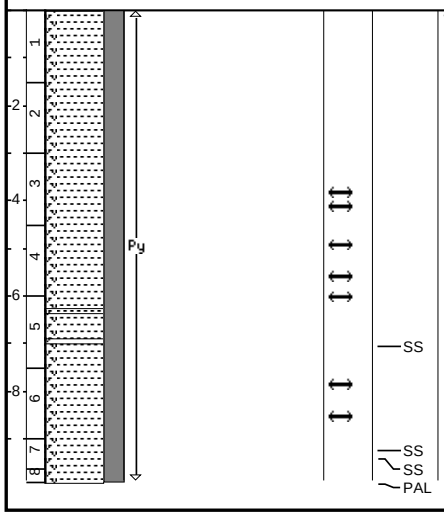
Leg 175 Site 1075 Hole B Core 21H



1075B-21H

1075B-22H 195.0-204.5 mbsf

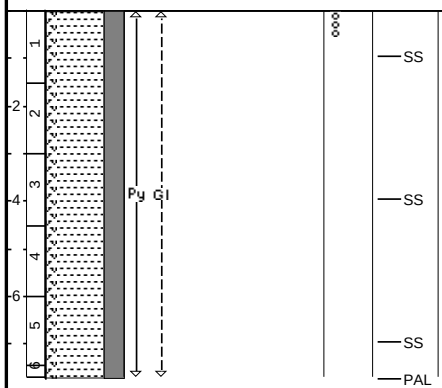
Leg 175 Site 1075 Hole B Core 22H



1075B-22H

1075C-1H 0.0-7.7 mbsf

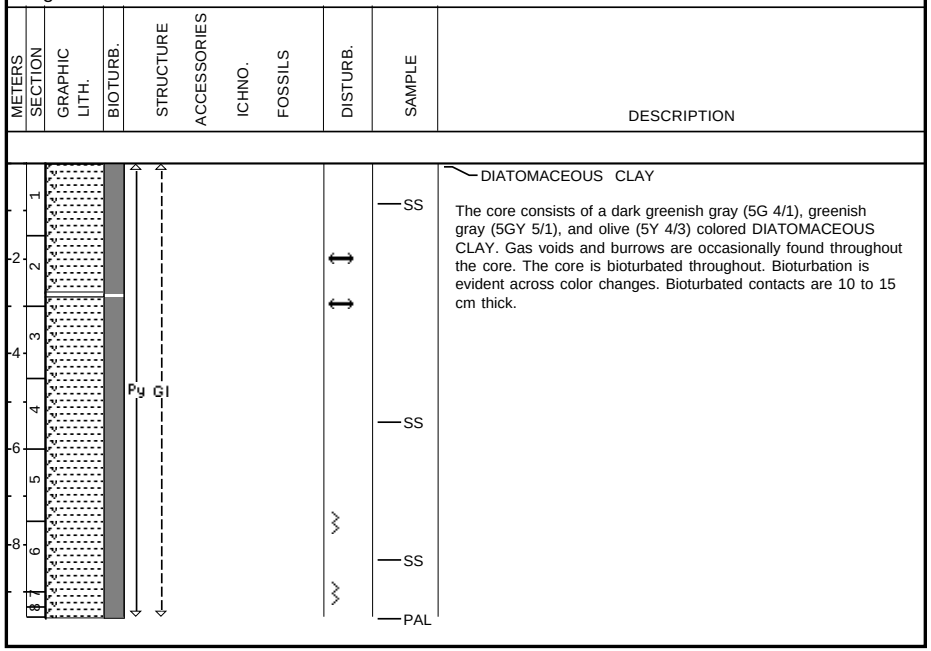
Leg 175 Site 1075 Hole C Core 1H



1075C-1H

1075C-2H 7.7-17.2 mbsf

Leg 175 Site 1075 Hole C Core 2H

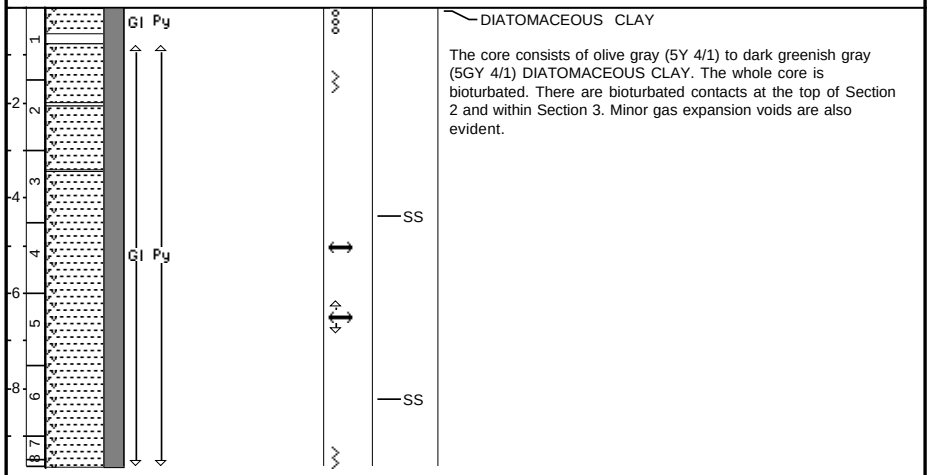


The core consists of a dark greenish gray (5G 4/1), greenish gray (5GY 5/1), and olive (5Y 4/3) colored DIATOMACEOUS CLAY. Gas voids and burrows are occasionally found throughout the core. The core is bioturbated throughout. Bioturbation is evident across color changes. Bioturbated contacts are 10 to 15 cm thick.

1075C-2H

1075C-3H 17.2-26.7 mbsf

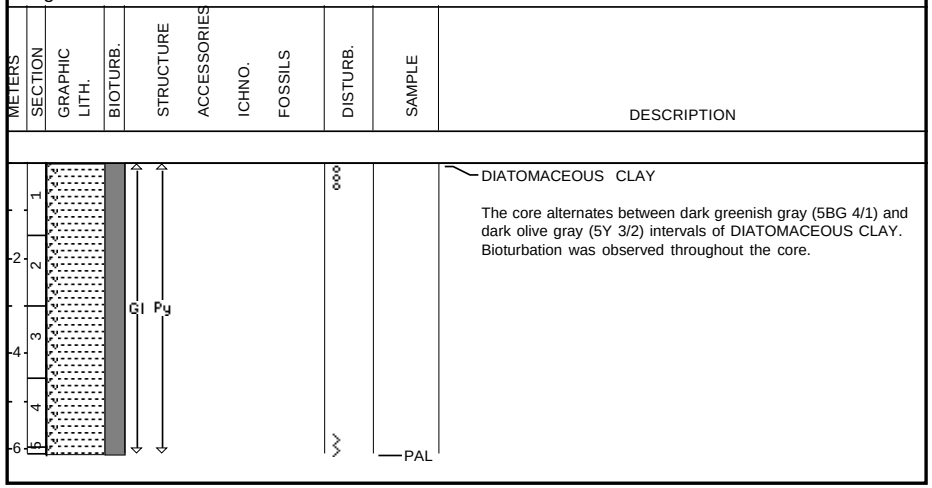
Leg 175 Site 1075 Hole C Core 3H



1075C-3H

1075C-4H 26.7-36.2 mbsf

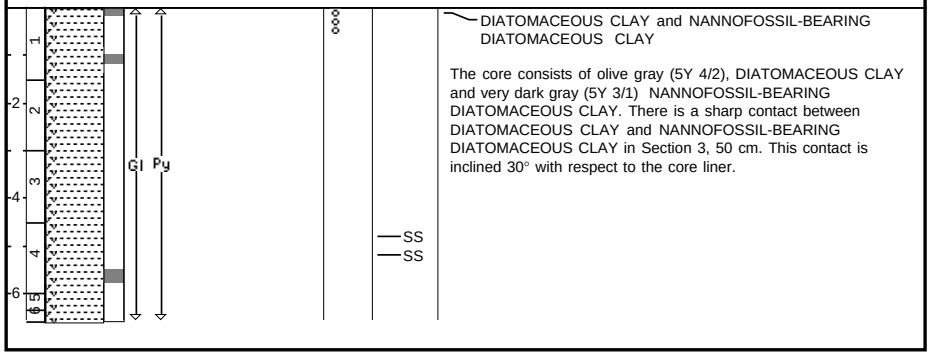
Leg 175 Site 1075 Hole C Core 4H



1075C-4H

1075C-5H 36.2-45.7 mbsf

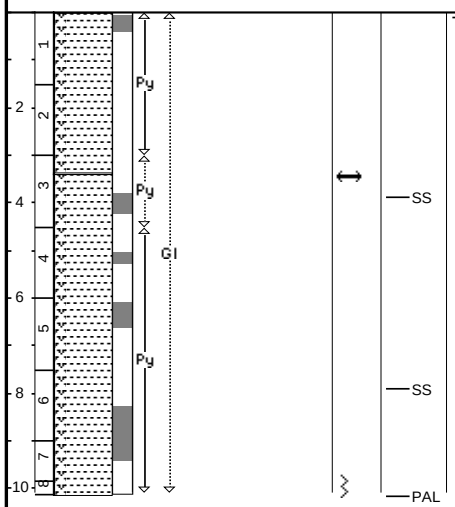
Leg 175 Site 1075 Hole C Core 5H



1075C-5H

1075C-6H 45.7-55.2 mbsf

Leg 175 Site 1075 Hole C Core 6H



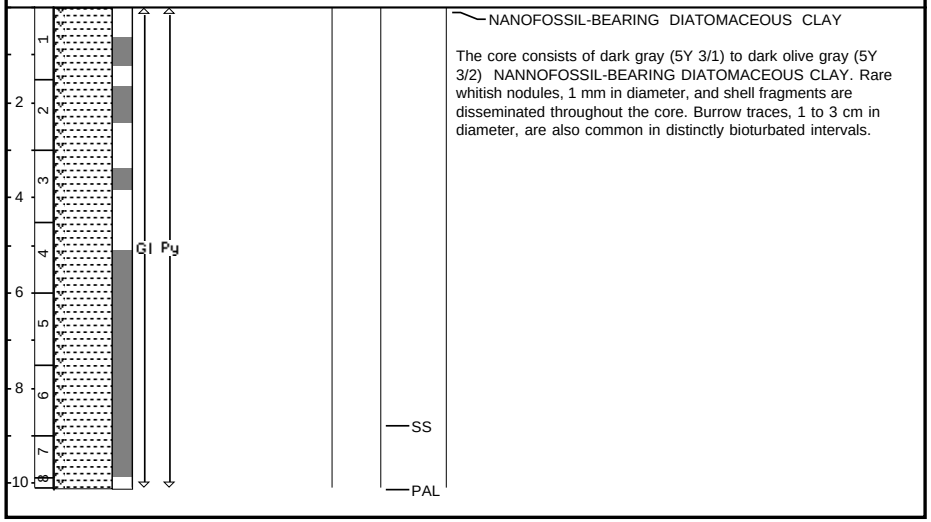
NANNOFOSSIL-BEARING DIATOMACEOUS CLAY

The core consists of an olive gray (5Y 4/2) NANNOFOSSIL-BEARING DIATOMACEOUS CLAY. Bioturbated intervals range in thickness from 20 to 50 cm and are present throughout the core. Core disturbance is evident in the middle of Section 3. A gas expansion void is also present in the middle of Section 3.

1075C-6H

1075C-7H 55.2-64.7 mbsf

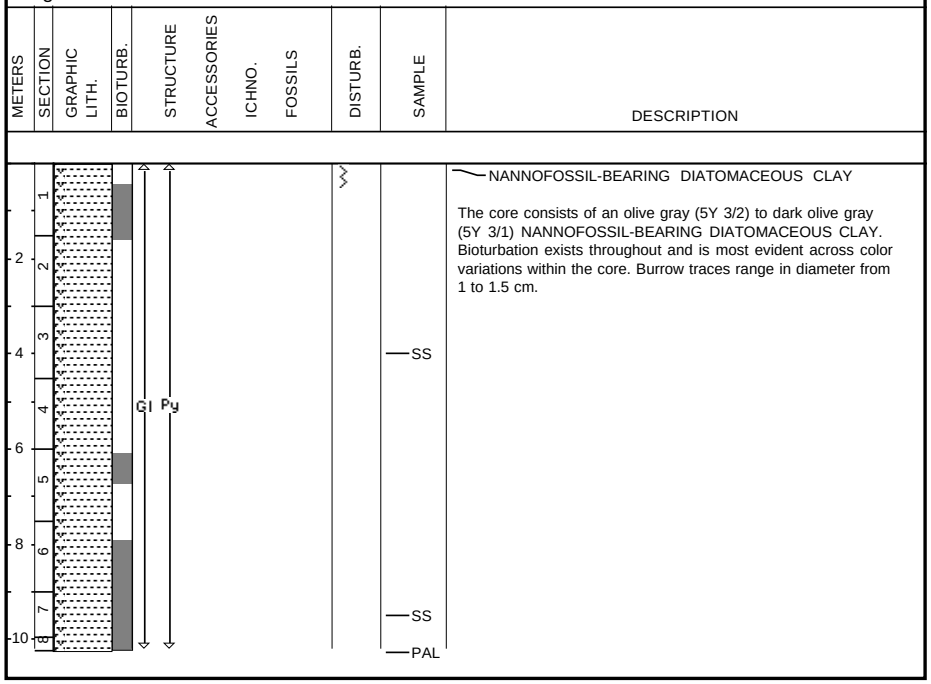
Leg 175 Site 1075 Hole C Core 7H



1075C-7H

1075C-8H 64.7-74.2 mbsf

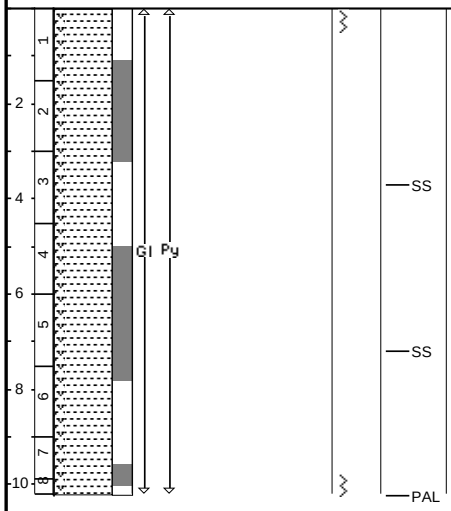
Leg 175 Site 1075 Hole C Core 8H



1075C-8H

1075C-9H 74.2-83.7 mbsf

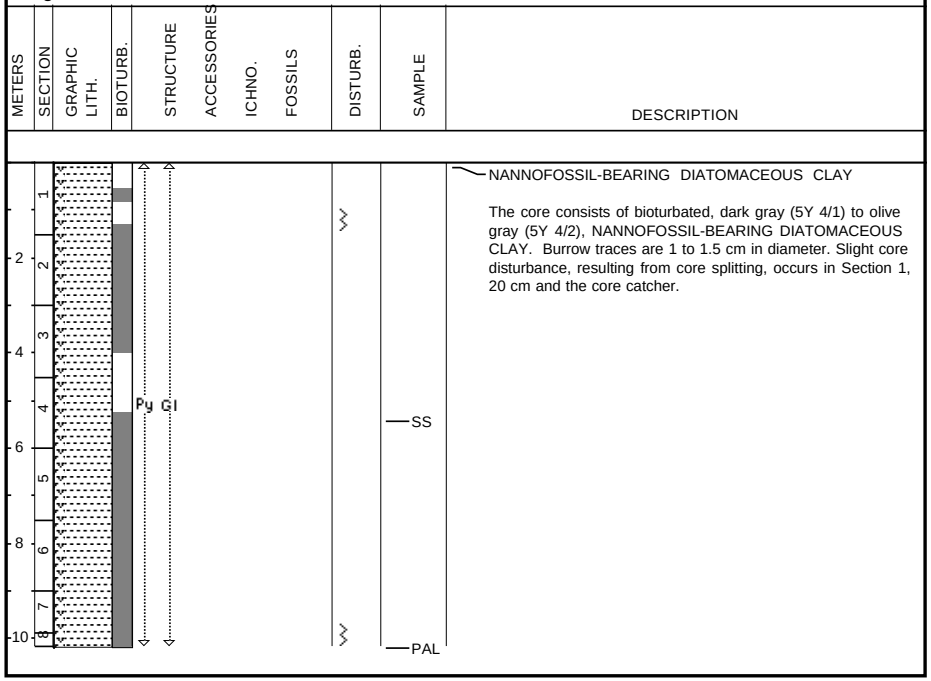
Leg 175 Site 1075 Hole C Core 9H



1075C-9H

1075C-10H 83.7-93.2 mbsf

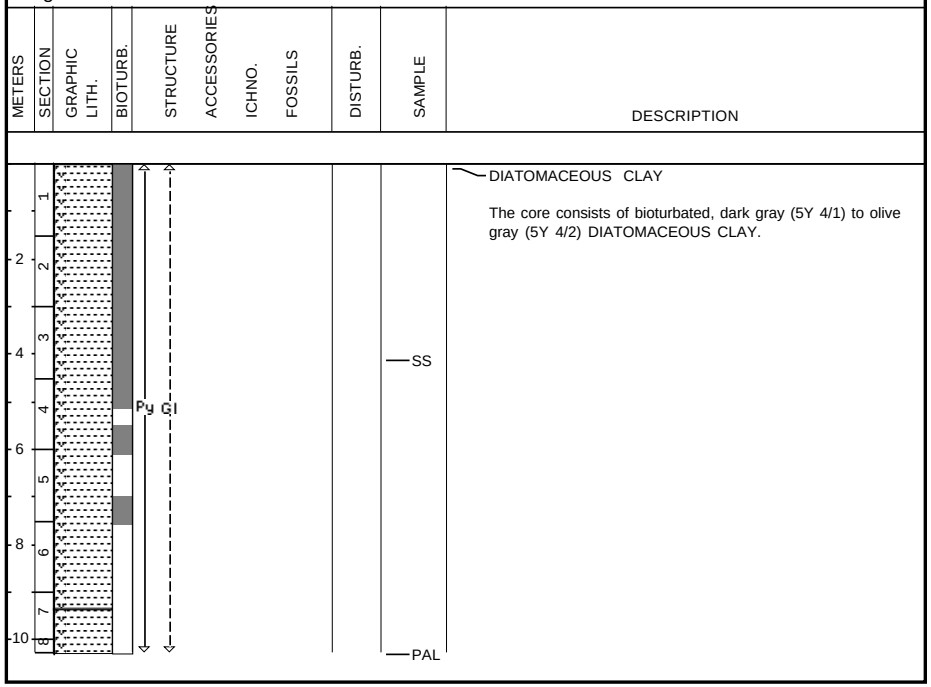
Leg 175 Site 1075 Hole C Core 10H



1075C-10H

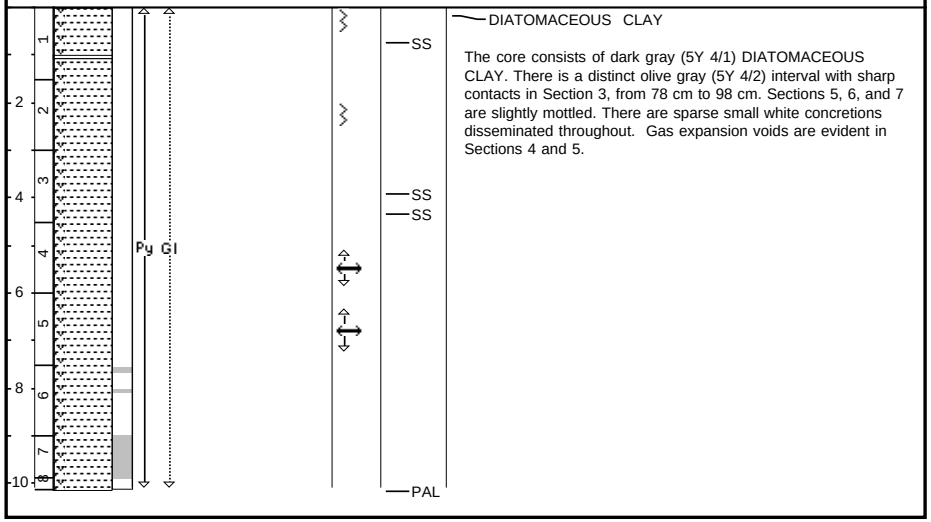
1075C-11H 93.2-102.7 mbsf

Leg 175 Site 1075 Hole C Core 11H



1075C-12H 102.7-112.2 mbsf

Leg 175 Site 1075 Hole C Core 12H

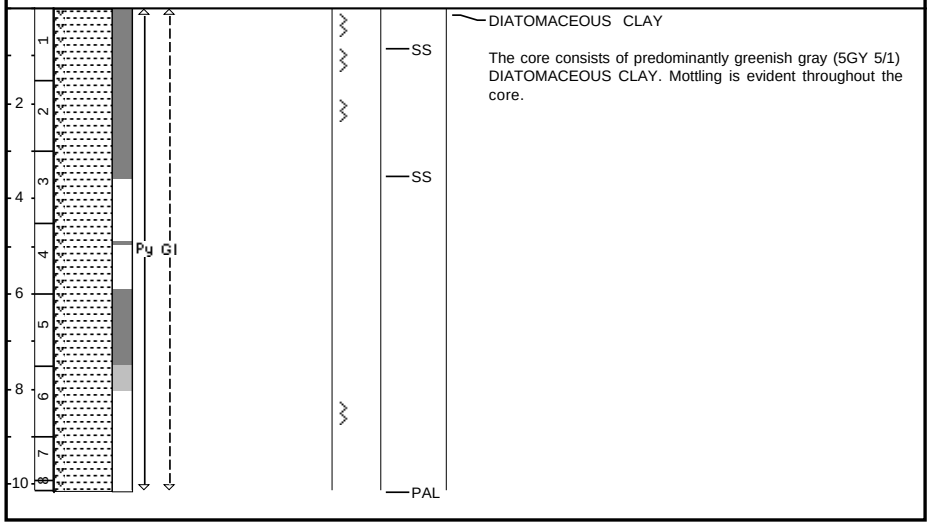


The core consists of dark gray (5Y 4/1) DIATOMACEOUS CLAY. There is a distinct olive gray (5Y 4/2) interval with sharp contacts in Section 3, from 78 cm to 98 cm. Sections 5, 6, and 7 are slightly mottled. There are sparse small white concretions disseminated throughout. Gas expansion voids are evident in Sections 4 and 5.

1075C-12H

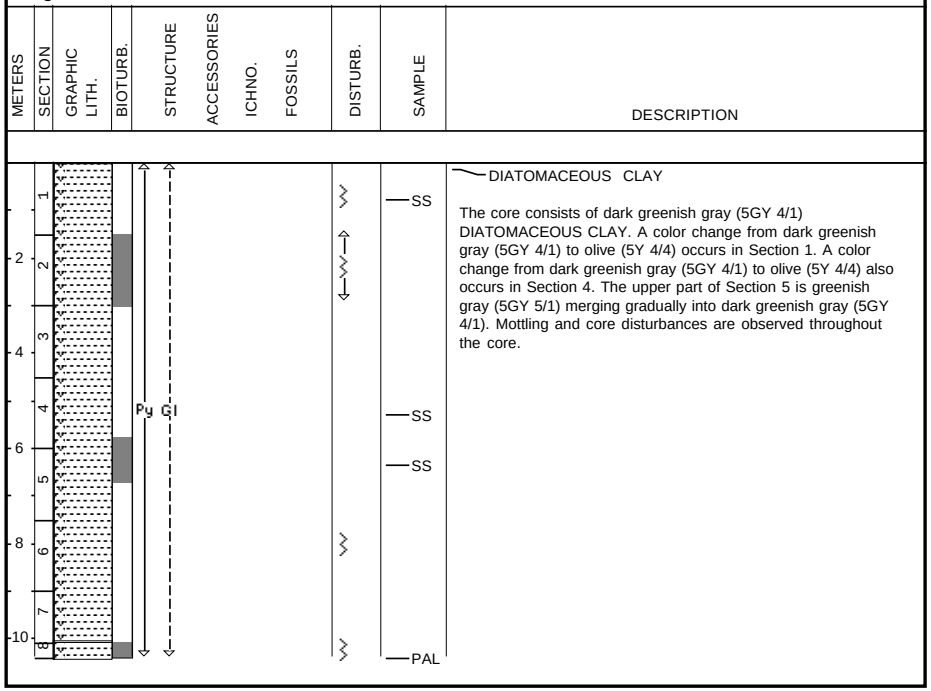
1075C-13H 112.2-121.7 mbsf

Leg 175 Site 1075 Hole C Core 13H



1075C-14H 121.7-131.2 mbsf

Leg 175 Site 1075 Hole C Core 14H

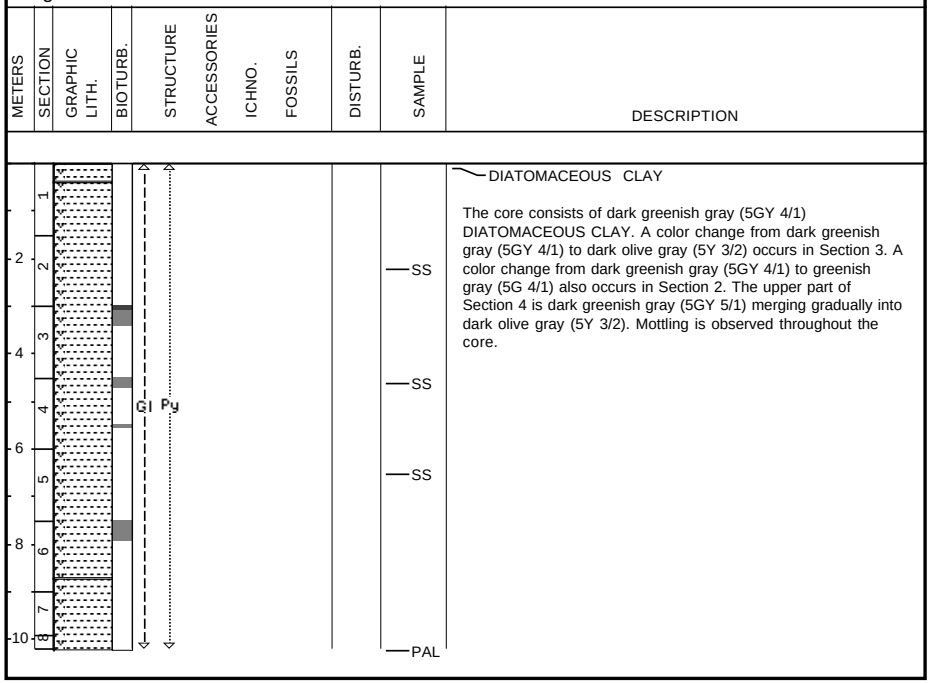


The core consists of dark greenish gray (5GY 4/1) DIATOMACEOUS CLAY. A color change from dark greenish gray (5GY 4/1) to olive (5Y 4/4) occurs in Section 1. A color change from dark greenish gray (5GY 4/1) to olive (5Y 4/4) also occurs in Section 4. The upper part of Section 5 is greenish gray (5GY 5/1) merging gradually into dark greenish gray (5GY 4/1). Mottling and core disturbances are observed throughout the core.

1075C-14H

1075C-15H 131.2-140.7 mbsf

Leg 175 Site 1075 Hole C Core 15H

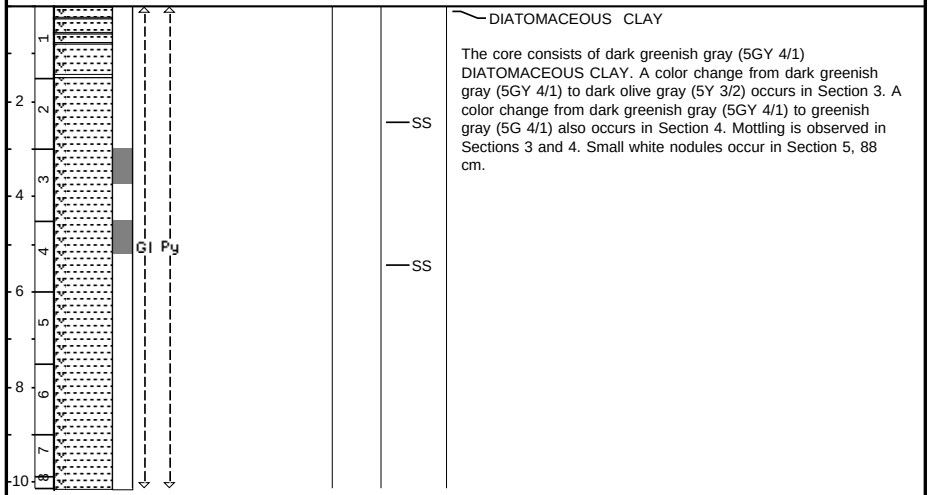


1075C-15H

1075C-16H 140.7-150.2 mbsf

Ground: 3006.80 m KB: 0.00 m

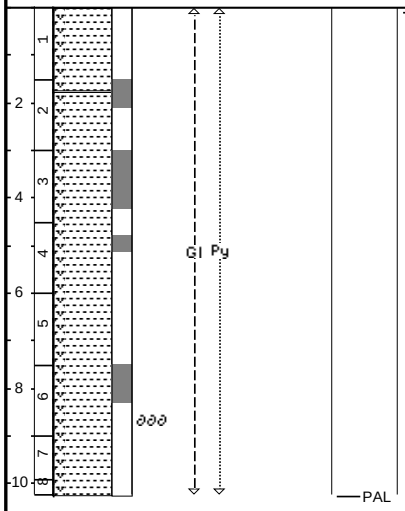
Leg 175 Site 1075 Hole C Core 16H



1075C-16H

1075C-17H 150.2-159.7 mbsf

Leg 175 Site 1075 Hole C Core 17H



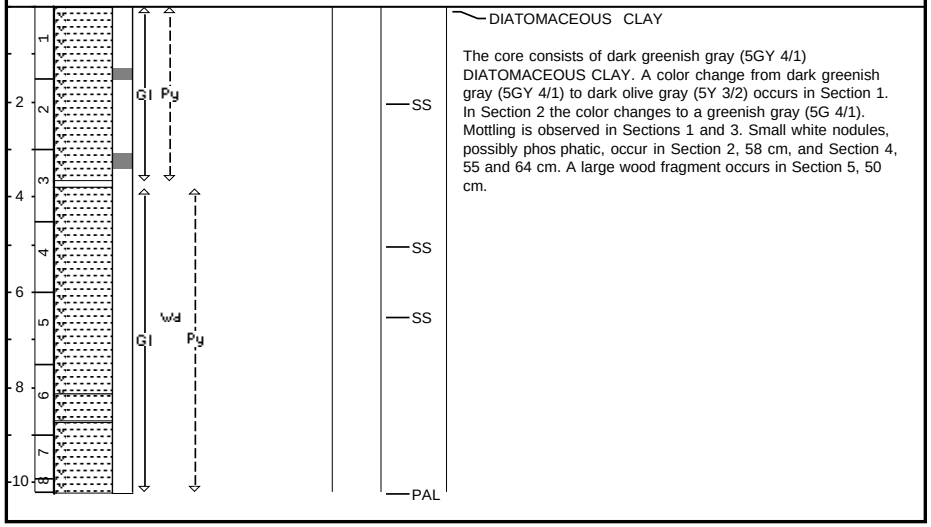
DIATOMACEOUS CLAY

The core consists of dark greenish gray (5GY 4/1) DIATOMACEOUS CLAY. A color change from dark greenish gray (5GY 4/1) to dark olive gray (5Y 3/2) occurs in Section 2. A color change from dark greenish gray (5GY 4/1) to greenish gray (5G 4/1) also occurs in Section 3. Mottling is observed in Sections 3 and 4. Small white nodules occur in Section 2, 58 cm, and Section 4, 55 cm and 64.

1075C-17H

1075C-18H 159.7-169.2 mbsf

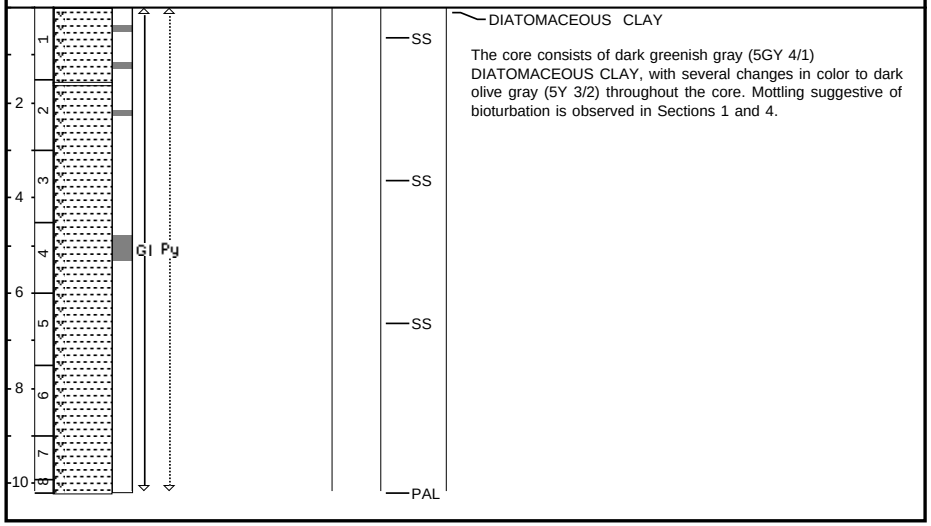
Leg 175 Site 1075 Hole C Core 18H



1075C-18H

1075C-19H 169.2-178.7 mbsf

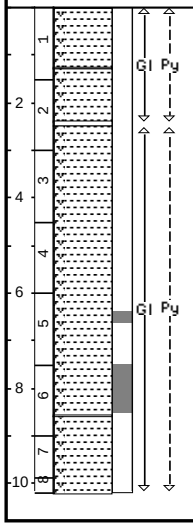
Leg 175 Site 1075 Hole C Core 19H



1075C-19H

1075C-20H 178.7-188.2 mbsf

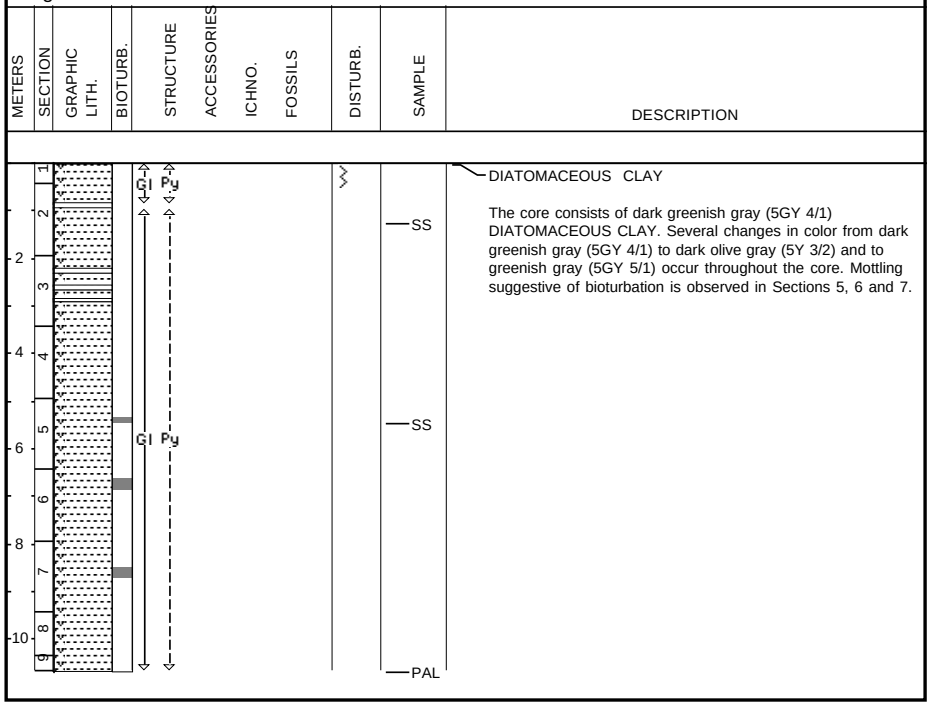
Leg 175 Site 1075 Hole C Core 20H



1075C-20H

1075C-21H 188.2-197.7 mbsf

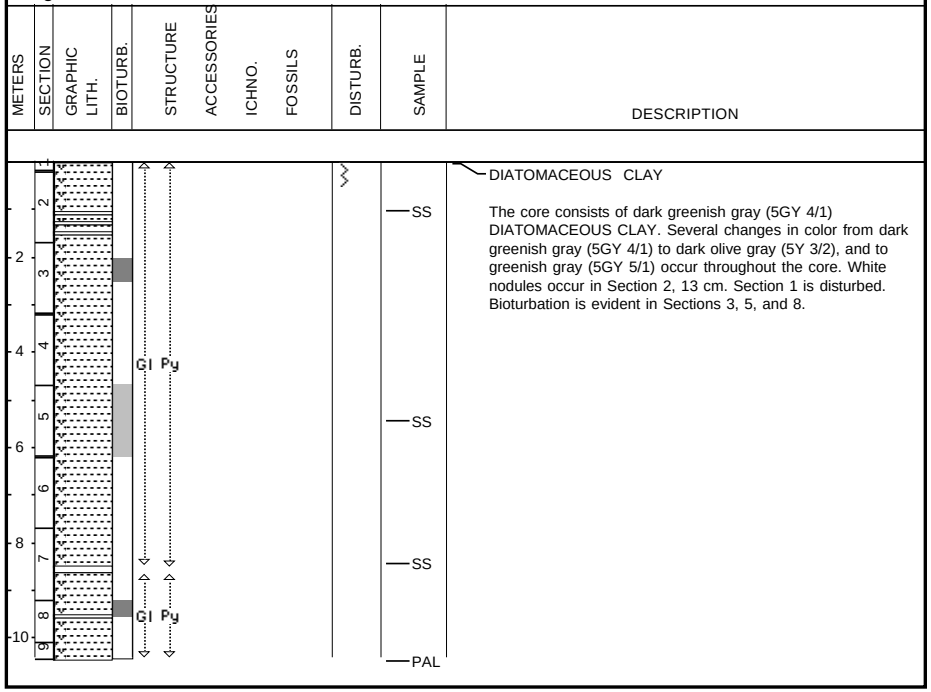
Leg 175 Site 1075 Hole C Core 21H



1075C-21H

1075C-22H 197.7-207.2 mbsf

Leg 175 Site 1075 Hole C Core 22H



The core consists of dark greenish gray (5GY 4/1) DIATOMACEOUS CLAY. Several changes in color from dark greenish gray (5GY 4/1) to dark olive gray (5Y 3/2), and to greenish gray (5GY 5/1) occur throughout the core. White nodules occur in Section 2, 13 cm. Section 1 is disturbed. Bioturbation is evident in Sections 3, 5, and 8.

1075C-22H