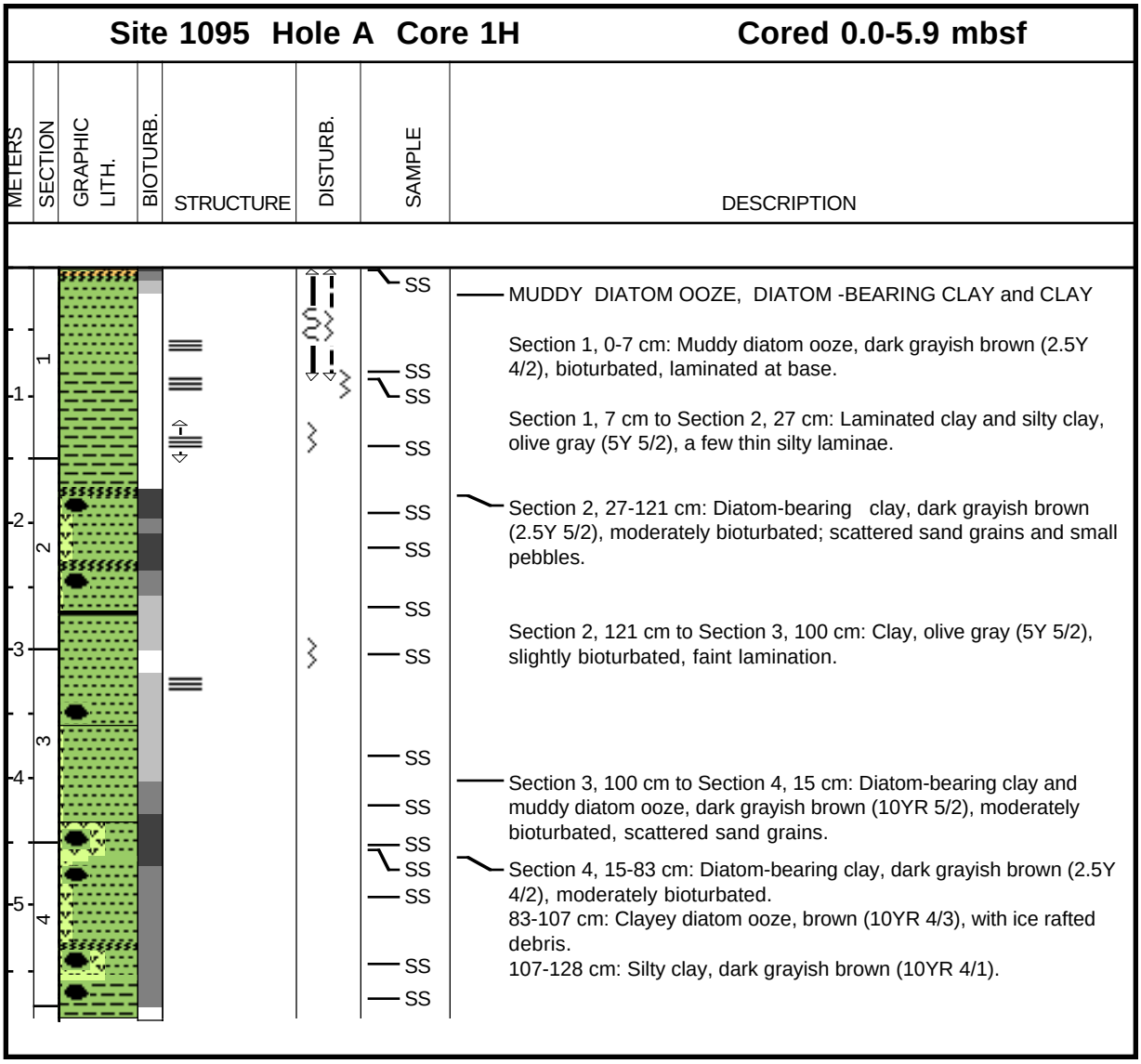
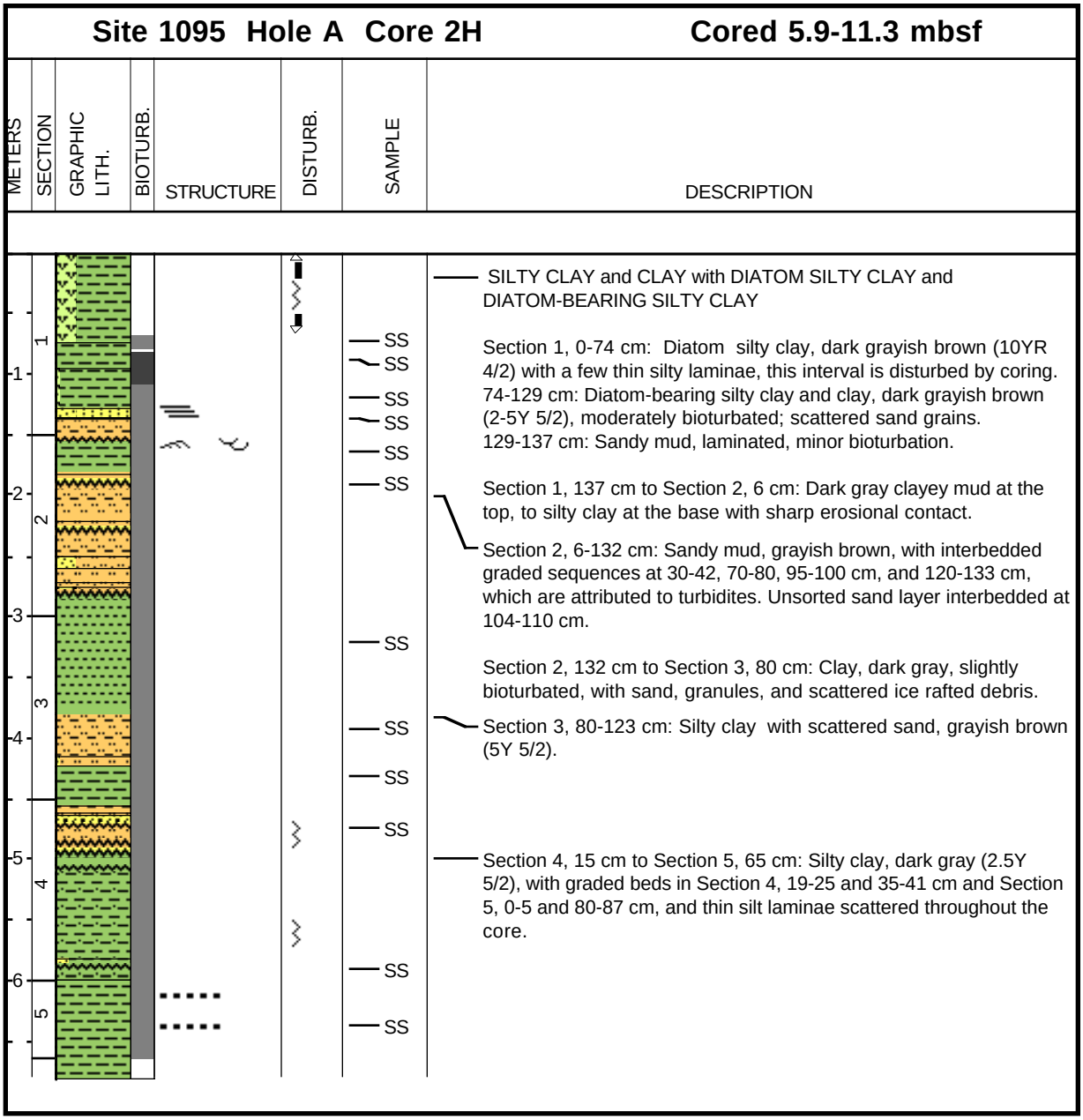
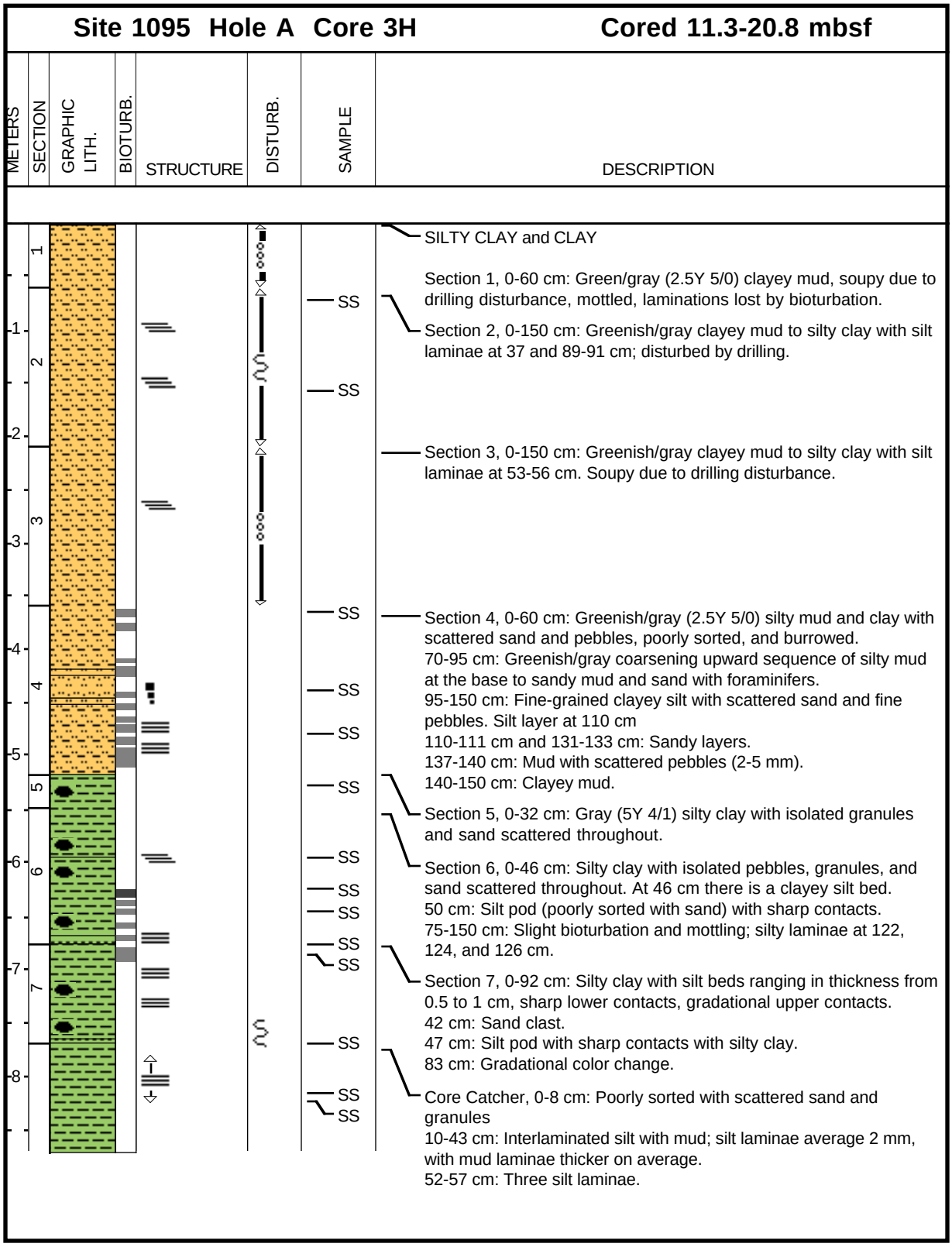
Core Image


Site 1095 Hole A Core 1H Cored 0.0-5.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
MUDDY DIATOM OOZE, DIATOM -BEARING CLAY and CLAY
Section 1, 0-7 cm: Muddy diatom ooze, dark grayish brown (2.5Y 4/2), bioturbated, laminated at base.
Section 1, 7 cm to Section 2, 27 cm: Laminated clay and silty clay, olive gray (5Y 5/2), a few thin silty laminae.
Section 2, 27-121 cm: Diatom-bearing clay, dark grayish brown (2.5Y 5/2), moderately bioturbated; scattered sand grains and small pebbles.
Section 2, 121 cm to Section 3, 100 cm: Clay, olive gray (5Y 5/2), slightly bioturbated, faint lamination.
Section 3, 100 cm to Section 4, 15 cm: Diatom-bearing clay and muddy diatom ooze, dark grayish brown (10YR 5/2), moderately bioturbated, scattered sand grains.
Section 4, 15-83 cm: Diatom-bearing clay, dark grayish brown (2.5Y 4/2), moderately bioturbated.
83-107 cm: Clayey diatom ooze, brown (10YR 4/3), with ice rafted debris.
107-128 cm: Silty clay, dark grayish brown (10YR 4/1).

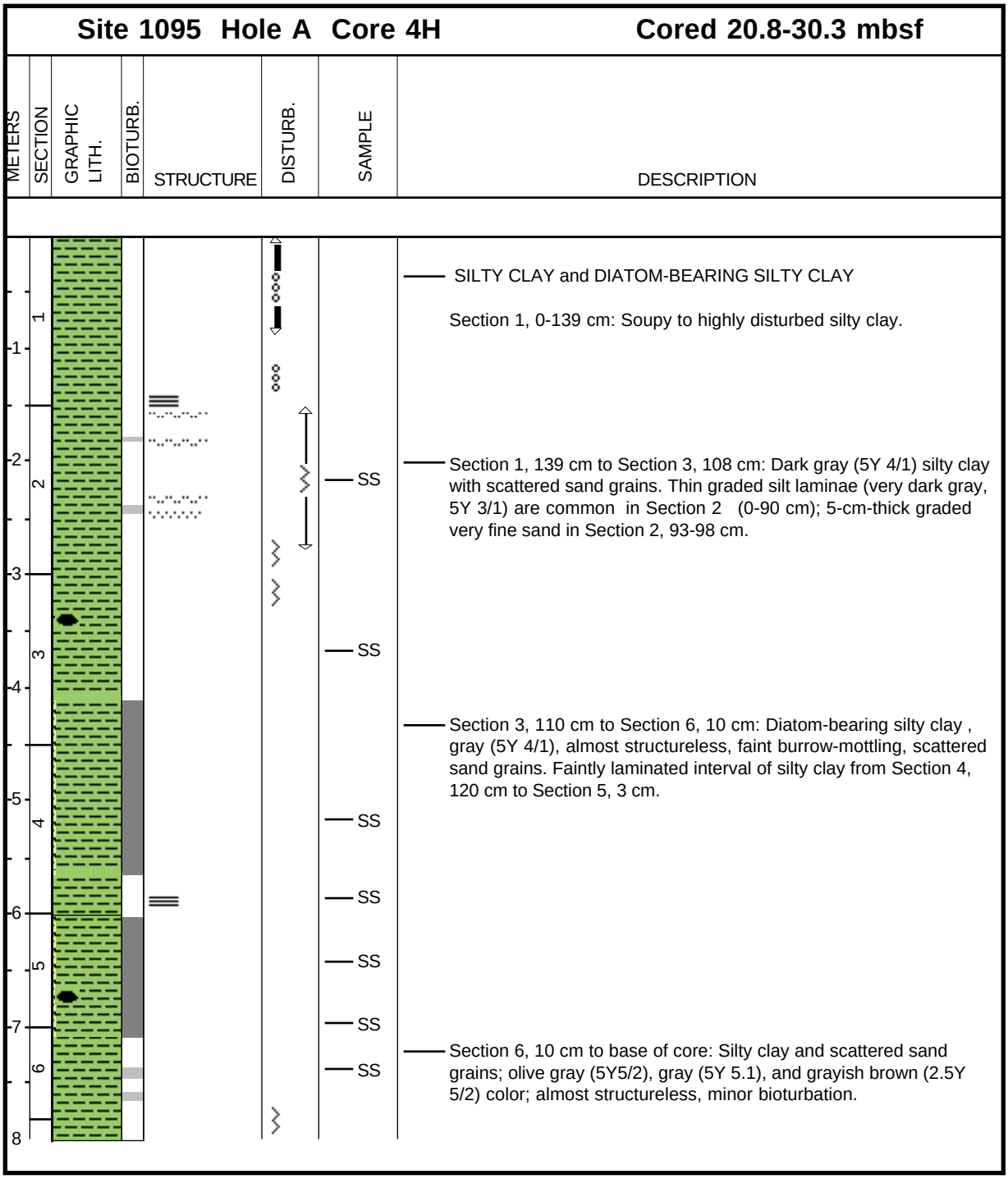
Core Image


Site 1095 Hole A Core 2H
Cored 5.9-11.3 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SILTY CLAY and CLAY with DIATOM SILTY CLAY and DIATOM-BEARING SILTY CLAY
Section 1, 0-74 cm: Diatom silty clay, dark grayish brown (10YR 4/2) with a few thin silty laminae, this interval is disturbed by coring.
74-129 cm: Diatom-bearing silty clay and clay, dark grayish brown (2-5Y 5/2), moderately bioturbated; scattered sand grains.
129-137 cm: Sandy mud, laminated, minor bioturbation.
Section 1, 137 cm to Section 2, 6 cm: Dark gray clayey mud at the top, to silty clay at the base with sharp erosional contact.
Section 2, 6-132 cm: Sandy mud, grayish brown, with interbedded graded sequences at 30-42, 70-80, 95-100 cm, and 120-133 cm, which are attributed to turbidites. Unsorted sand layer interbedded at 104-110 cm.
Section 2, 132 cm to Section 3, 80 cm: Clay, dark gray, slightly bioturbated, with sand, granules, and scattered ice rafted debris.
Section 3, 80-123 cm: Silty clay with scattered sand, grayish brown (5Y 5/2).
Section 4, 15 cm to Section 5, 65 cm: Silty clay, dark gray (2.5Y 5/2), with graded beds in Section 4, 19-25 and 35-41 cm and Section 5, 0-5 and 80-87 cm, and thin silt laminae scattered throughout the core.

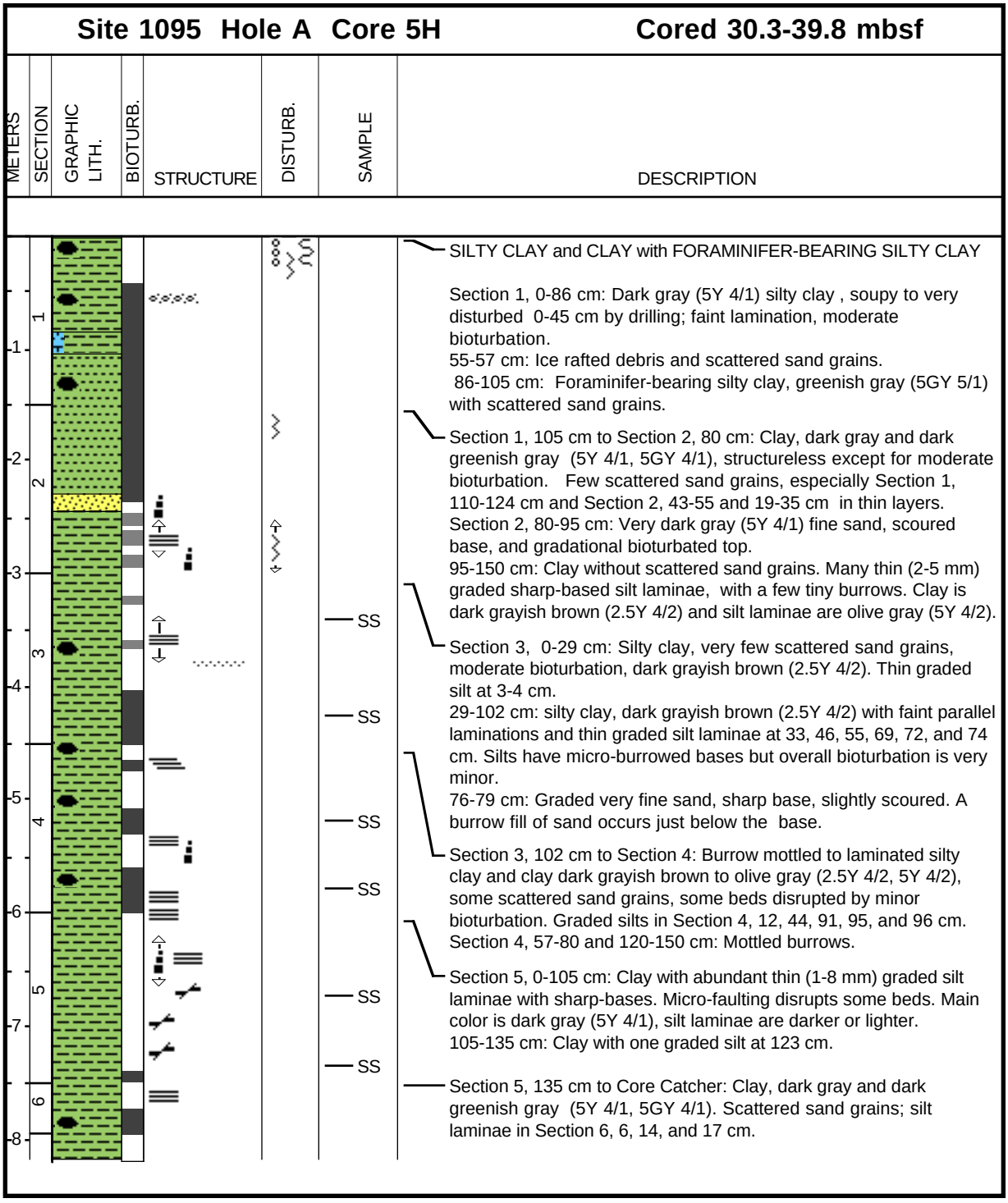
Core Image


Site 1095 Hole A Core 3H Cored 11.3-20.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SILTY CLAY and CLAY
Section 1, 0-60 cm: Green/gray (2.5Y 5/0) clayey mud, soupy due to drilling disturbance, mottled, laminations lost by bioturbation.
Section 2, 0-150 cm: Greenish/gray clayey mud to silty clay with silt laminae at 37 and 89-91 cm; disturbed by drilling.
Section 3, 0-150 cm: Greenish/gray clayey mud to silty clay with silt laminae at 53-56 cm. Soupy due to drilling disturbance.
Section 4, 0-60 cm: Greenish/gray (2.5Y 5/0) silty mud and clay with scattered sand and pebbles, poorly sorted, and burrowed.
70-95 cm: Greenish/gray coarsening upward sequence of silty mud at the base to sandy mud and sand with foraminifers.
95-150 cm: Fine-grained clayey silt with scattered sand and fine pebbles. Silt layer at 110 cm
110-111 cm and 131-133 cm: Sandy layers.
137-140 cm: Mud with scattered pebbles (2-5 mm).
140-150 cm: Clayey mud.
Section 5, 0-32 cm: Gray (5Y 4/1) silty clay with isolated granules and sand scattered throughout.
Section 6, 0-46 cm: Silty clay with isolated pebbles, granules, and sand scattered throughout. At 46 cm there is a clayey silt bed.
50 cm: Silt pod (poorly sorted with sand) with sharp contacts.
75-150 cm: Slight bioturbation and mottling; silty laminae at 122, 124, and 126 cm.
Section 7, 0-92 cm: Silty clay with silt beds ranging in thickness from 0.5 to 1 cm, sharp lower contacts, gradational upper contacts.
42 cm: Sand clast.
47 cm: Silt pod with sharp contacts with silty clay.
83 cm: Gradational color change.
Core Catcher, 0-8 cm: Poorly sorted with scattered sand and granules
10-43 cm: Interlaminated silt with mud; silt laminae average 2 mm, with mud laminae thicker on average.
52-57 cm: Three silt laminae.

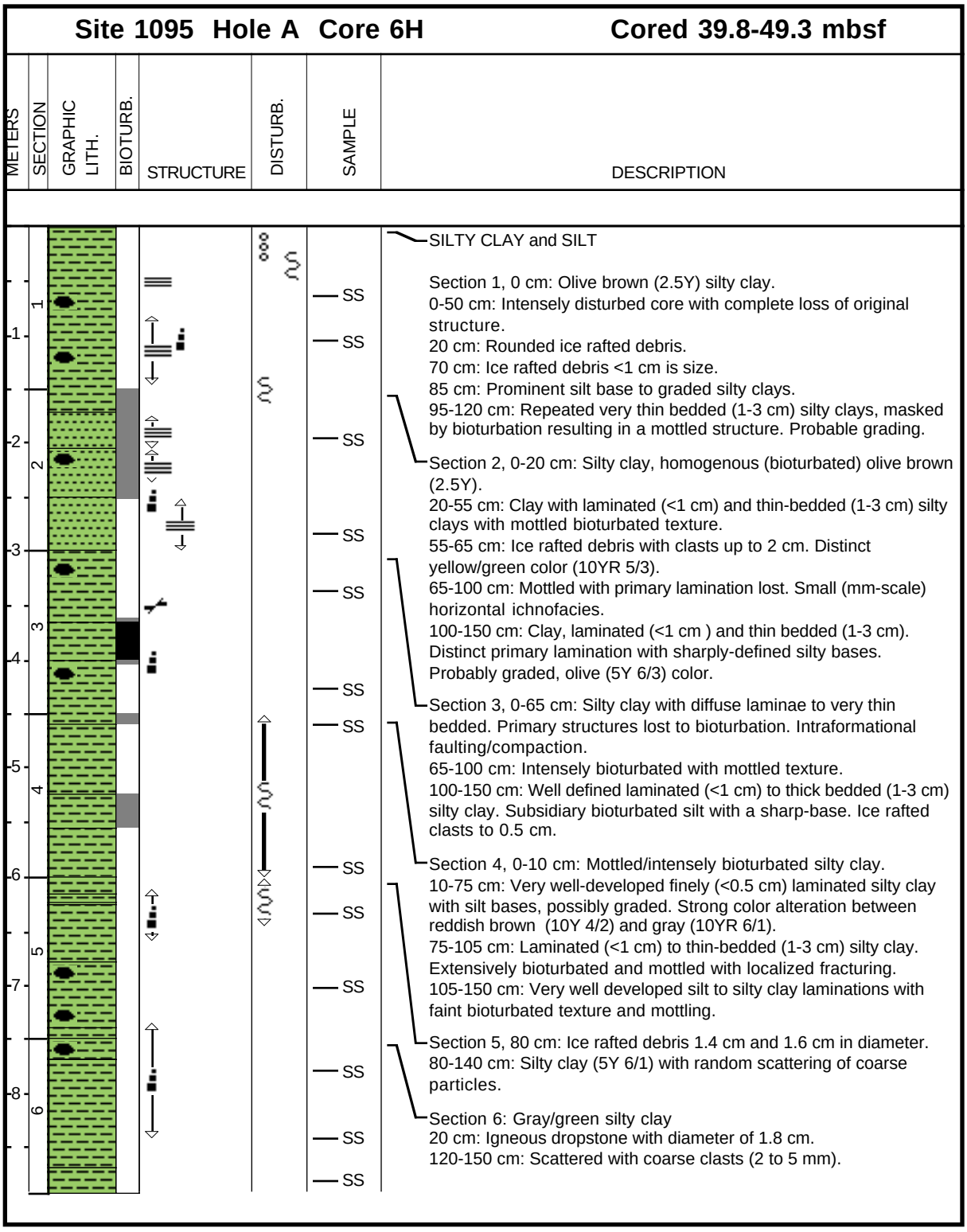
Core Image


Site 1095 Hole A Core 4H
Cored 20.8-30.3 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SILTY CLAY and DIATOM-BEARING SILTY CLAY
Section 1, 0-139 cm: Soupy to highly disturbed silty clay.
Section 1, 139 cm to Section 3, 108 cm: Dark gray (5Y 4/1) silty clay with scattered sand grains. Thin graded silt laminae (very dark gray, 5Y 3/1) are common in Section 2 (0-90 cm); 5-cm-thick graded very fine sand in Section 2, 93-98 cm.
Section 3, 110 cm to Section 6, 10 cm: Diatom-bearing silty clay , gray (5Y 4/1), almost structureless, faint burrow-mottling, scattered sand grains. Faintly laminated interval of silty clay from Section 4, 120 cm to Section 5, 3 cm.
Section 6, 10 cm to base of core: Silty clay and scattered sand grains; olive gray (5Y5/2), gray (5Y 5.1), and grayish brown (2.5Y 5/2) color; almost structureless, minor bioturbation.
SS
SS
SS
SS
SS
SS
SS
1
2
3
4
5
6
1
2
3
4
5
6
7
8

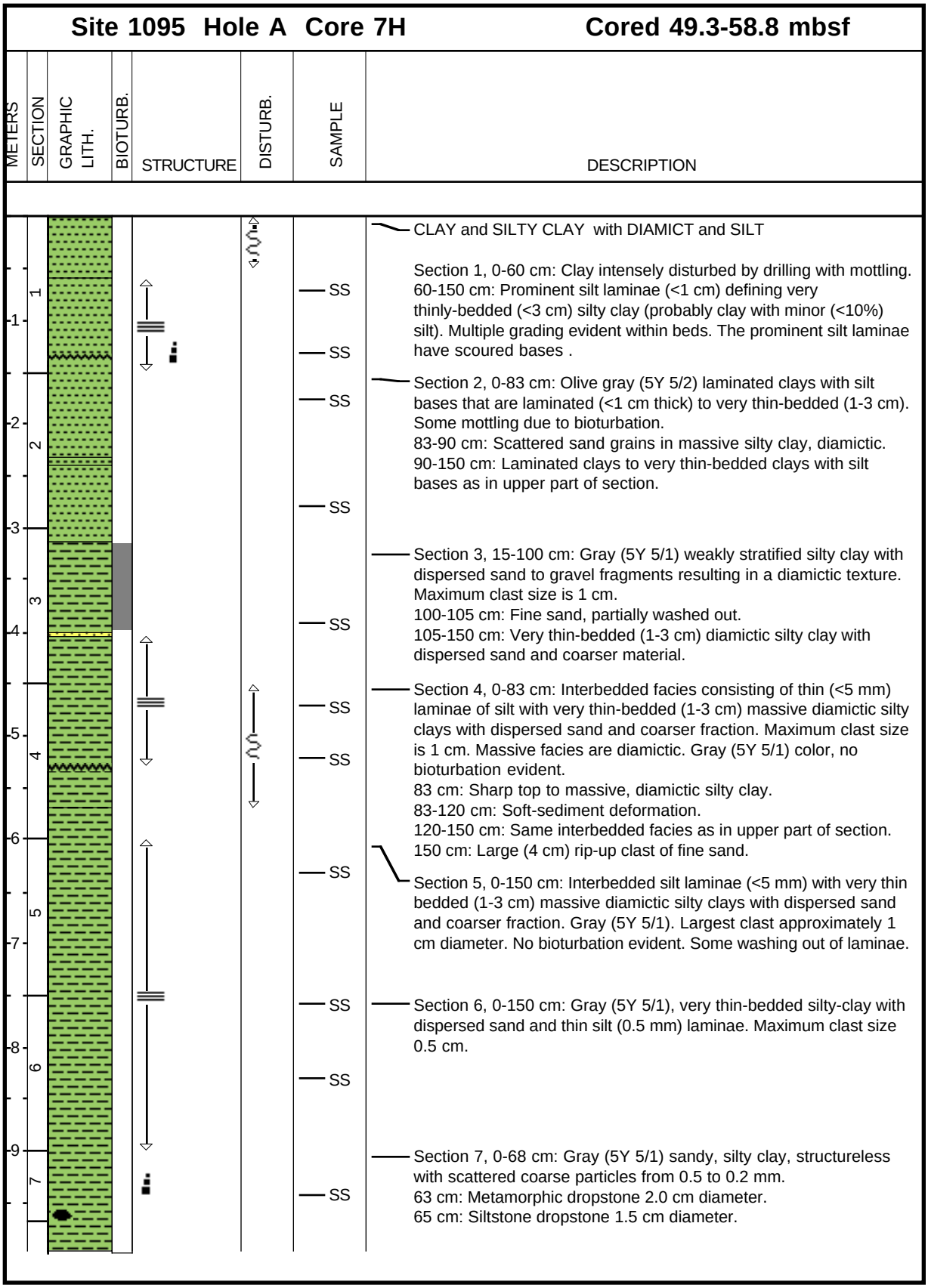
Core Image


Site 1095 Hole A Core 5H Cored 30.3-39.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SILTY CLAY and CLAY with FORAMINIFER-BEARING SILTY CLAY
Section 1, 0-86 cm: Dark gray (5Y 4/1) silty clay , soupy to very disturbed 0-45 cm by drilling; faint lamination, moderate bioturbation.
55-57 cm: Ice rafted debris and scattered sand grains.
86-105 cm: Foraminifer-bearing silty clay, greenish gray (5GY 5/1) with scattered sand grains.
Section 1, 105 cm to Section 2, 80 cm: Clay, dark gray and dark greenish gray (5Y 4/1, 5GY 4/1), structureless except for moderate bioturbation. Few scattered sand grains, especially Section 1, 110-124 cm and Section 2, 43-55 and 19-35 cm in thin layers.
Section 2, 80-95 cm: Very dark gray (5Y 4/1) fine sand, scoured base, and gradational bioturbated top.
95-150 cm: Clay without scattered sand grains. Many thin (2-5 mm) graded sharp-based silt laminae, with a few tiny burrows. Clay is dark grayish brown (2.5Y 4/2) and silt laminae are olive gray (5Y 4/2).
Section 3, 0-29 cm: Silty clay, very few scattered sand grains, moderate bioturbation, dark grayish brown (2.5Y 4/2). Thin graded silt at 3-4 cm.
29-102 cm: silty clay, dark grayish brown (2.5Y 4/2) with faint parallel laminations and thin graded silt laminae at 33, 46, 55, 69, 72, and 74 cm. Silts have micro-burrowed bases but overall bioturbation is very minor.
76-79 cm: Graded very fine sand, sharp base, slightly scoured. A burrow fill of sand occurs just below the base.
Section 3, 102 cm to Section 4: Burrow mottled to laminated silty clay and clay dark grayish brown to olive gray (2.5Y 4/2, 5Y 4/2), some scattered sand grains, some beds disrupted by minor bioturbation. Graded silts in Section 4, 12, 44, 91, 95, and 96 cm.
Section 4, 57-80 and 120-150 cm: Mottled burrows.
Section 5, 0-105 cm: Clay with abundant thin (1-8 mm) graded silt laminae with sharp-bases. Micro-faulting disrupts some beds. Main color is dark gray (5Y 4/1), silt laminae are darker or lighter.
105-135 cm: Clay with one graded silt at 123 cm.
Section 5, 135 cm to Core Catcher: Clay, dark gray and dark greenish gray (5Y 4/1, 5GY 4/1). Scattered sand grains; silt laminae in Section 6, 6, 14, and 17 cm.

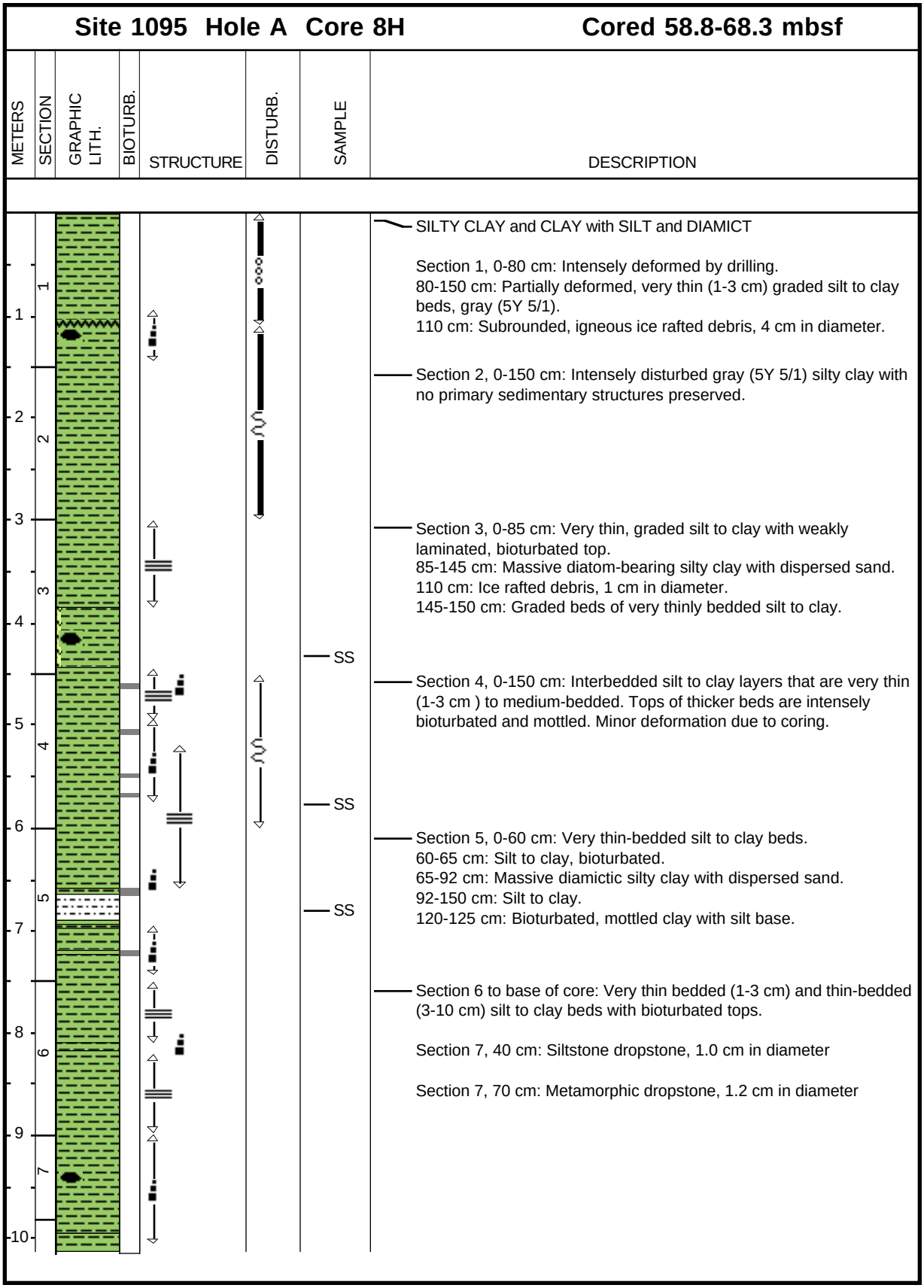
Core Image


Site 1095 Hole A Core 6H
Cored 39.8-49.3 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SILTY CLAY and SILT
Section 1, 0 cm: Olive brown (2.5Y) silty clay.
0-50 cm: Intensely disturbed core with complete loss of original structure.
20 cm: Rounded ice rafted debris.
70 cm: Ice rafted debris <1 cm is size.
85 cm: Prominent silt base to graded silty clays.
95-120 cm: Repeated very thin bedded (1-3 cm) silty clays, masked by bioturbation resulting in a mottled structure. Probable grading.
Section 2, 0-20 cm: Silty clay, homogenous (bioturbated) olive brown (2.5Y).
20-55 cm: Clay with laminated (<1 cm) and thin-bedded (1-3 cm) silty clays with mottled bioturbated texture.
55-65 cm: Ice rafted debris with clasts up to 2 cm. Distinct yellow/green color (10YR 5/3).
65-100 cm: Mottled with primary lamination lost. Small (mm-scale) horizontal ichnofacies.
100-150 cm: Clay, laminated (<1 cm) and thin bedded (1-3 cm). Distinct primary lamination with sharply-defined silty bases. Probably graded, olive (5Y 6/3) color.
Section 3, 0-65 cm: Silty clay with diffuse laminae to very thin bedded. Primary structures lost to bioturbation. Intraformational faulting/compaction.
65-100 cm: Intensely bioturbated with mottled texture.
100-150 cm: Well defined laminated (<1 cm) to thick bedded (1-3 cm) silty clay. Subsidiary bioturbated silt with a sharp-base. Ice rafted clasts to 0.5 cm.
Section 4, 0-10 cm: Mottled/intensely bioturbated silty clay.
10-75 cm: Very well-developed finely (<0.5 cm) laminated silty clay with silt bases, possibly graded. Strong color alteration between reddish brown (10Y 4/2) and gray (10YR 6/1).
75-105 cm: Laminated (<1 cm) to thin-bedded (1-3 cm) silty clay. Extensively bioturbated and mottled with localized fracturing.
105-150 cm: Very well developed silt to silty clay laminations with faint bioturbated texture and mottling.
Section 5, 80 cm: Ice rafted debris 1.4 cm and 1.6 cm in diameter.
80-140 cm: Silty clay (5Y 6/1) with random scattering of coarse particles.
Section 6: Gray/green silty clay
20 cm: Igneous dropstone with diameter of 1.8 cm.
120-150 cm: Scattered with coarse clasts (2 to 5 mm).

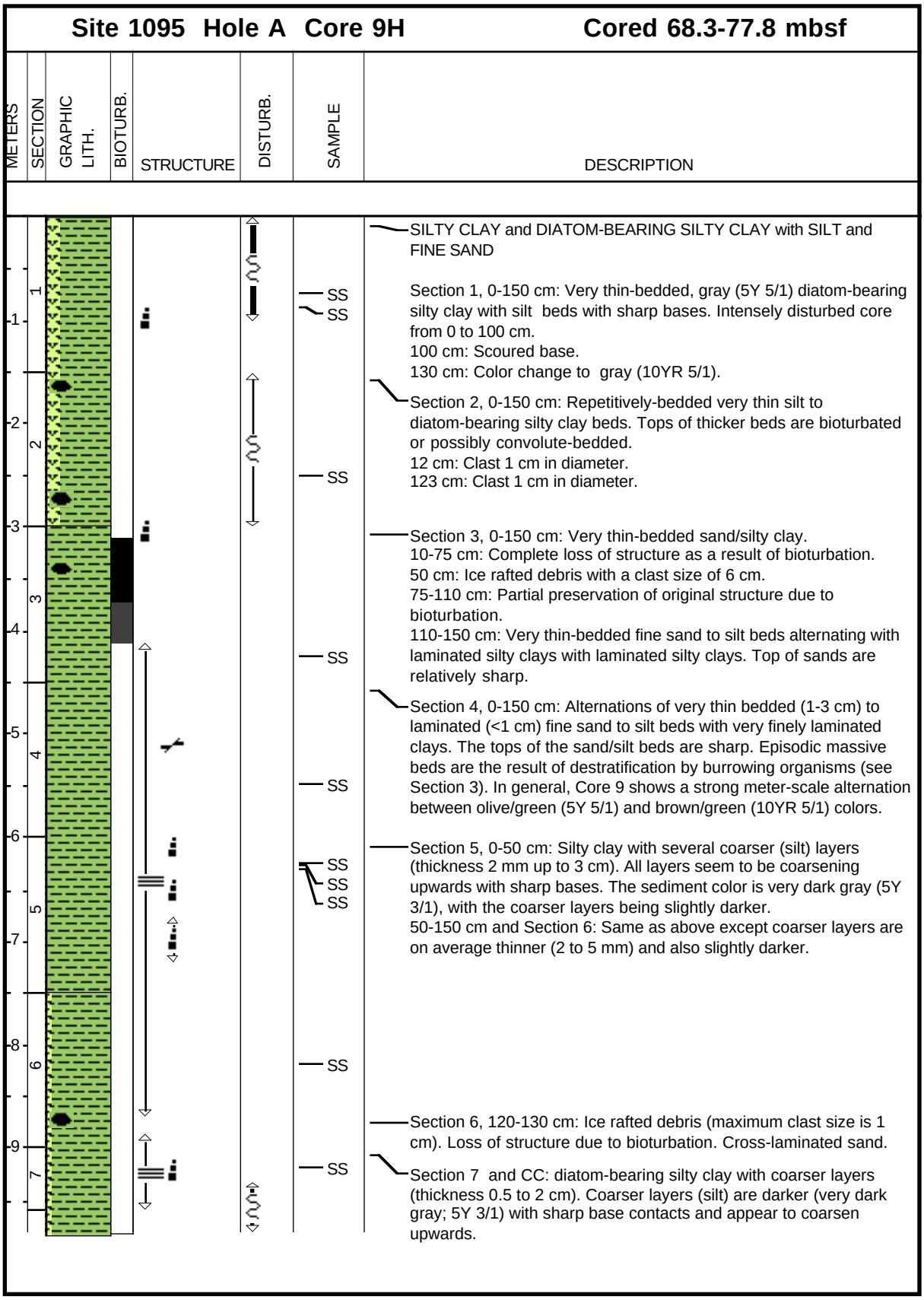
Core Image


Site 1095 Hole A Core 7H Cored 49.3-58.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
CLAY and SILTY CLAY with DIAMICT and SILT
Section 1, 0-60 cm: Clay intensely disturbed by drilling with mottling.
60-150 cm: Prominent silt laminae (<1 cm) defining very thinly-bedded (<3 cm) silty clay (probably clay with minor (<10%) silt). Multiple grading evident within beds. The prominent silt laminae have scoured bases .
Section 2, 0-83 cm: Olive gray (5Y 5/2) laminated clays with silt bases that are laminated (<1 cm thick) to very thin-bedded (1-3 cm). Some mottling due to bioturbation.
83-90 cm: Scattered sand grains in massive silty clay, diamictic.
90-150 cm: Laminated clays to very thin-bedded clays with silt bases as in upper part of section.
Section 3, 15-100 cm: Gray (5Y 5/1) weakly stratified silty clay with dispersed sand to gravel fragments resulting in a diamictic texture. Maximum clast size is 1 cm.
100-105 cm: Fine sand, partially washed out.
105-150 cm: Very thin-bedded (1-3 cm) diamictic silty clay with dispersed sand and coarser material.
Section 4, 0-83 cm: Interbedded facies consisting of thin (<5 mm) laminae of silt with very thin-bedded (1-3 cm) massive diamictic silty clays with dispersed sand and coarser fraction. Maximum clast size is 1 cm. Massive facies are diamictic. Gray (5Y 5/1) color, no bioturbation evident.
83 cm: Sharp top to massive, diamictic silty clay.
83-120 cm: Soft-sediment deformation.
120-150 cm: Same interbedded facies as in upper part of section.
150 cm: Large (4 cm) rip-up clast of fine sand.
Section 5, 0-150 cm: Interbedded silt laminae (<5 mm) with very thin bedded (1-3 cm) massive diamictic silty clays with dispersed sand and coarser fraction. Gray (5Y 5/1). Largest clast approximately 1 cm diameter. No bioturbation evident. Some washing out of laminae.
Section 6, 0-150 cm: Gray (5Y 5/1), very thin-bedded silty-clay with dispersed sand and thin silt (0.5 mm) laminae. Maximum clast size 0.5 cm.
Section 7, 0-68 cm: Gray (5Y 5/1) sandy, silty clay, structureless with scattered coarse particles from 0.5 to 0.2 mm.
63 cm: Metamorphic dropstone 2.0 cm diameter.
65 cm: Siltstone dropstone 1.5 cm diameter.

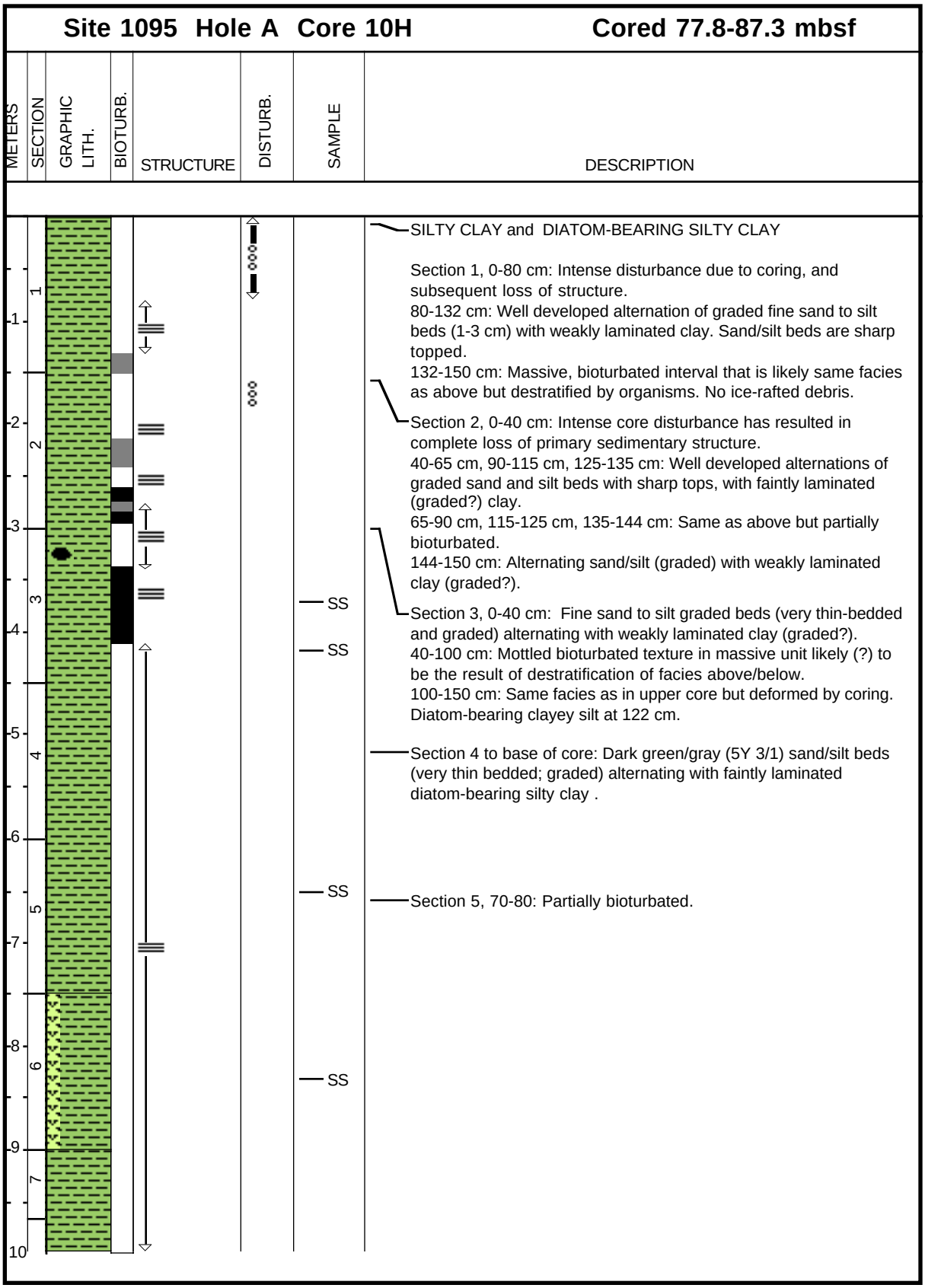
Core Image


Site 1095 Hole A Core 8H Cored 58.8-68.3 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SILTY CLAY and CLAY with SILT and DIAMICT
Section 1, 0-80 cm: Intensely deformed by drilling.
80-150 cm: Partially deformed, very thin (1-3 cm) graded silt to clay beds, gray (5Y 5/1).
110 cm: Subrounded, igneous ice rafted debris, 4 cm in diameter.
Section 2, 0-150 cm: Intensely disturbed gray (5Y 5/1) silty clay with no primary sedimentary structures preserved.
Section 3, 0-85 cm: Very thin, graded silt to clay with weakly laminated, bioturbated top.
85-145 cm: Massive diatom-bearing silty clay with dispersed sand.
110 cm: Ice rafted debris, 1 cm in diameter.
145-150 cm: Graded beds of very thinly bedded silt to clay.
SS
Section 4, 0-150 cm: Interbedded silt to clay layers that are very thin (1-3 cm) to medium-bedded. Tops of thicker beds are intensely bioturbated and mottled. Minor deformation due to coring.
SS
Section 5, 0-60 cm: Very thin-bedded silt to clay beds.
60-65 cm: Silt to clay, bioturbated.
65-92 cm: Massive diamictic silty clay with dispersed sand.
92-150 cm: Silt to clay.
120-125 cm: Bioturbated, mottled clay with silt base.
SS
Section 6 to base of core: Very thin bedded (1-3 cm) and thin-bedded (3-10 cm) silt to clay beds with bioturbated tops.
Section 7, 40 cm: Siltstone dropstone, 1.0 cm in diameter
Section 7, 70 cm: Metamorphic dropstone, 1.2 cm in diameter

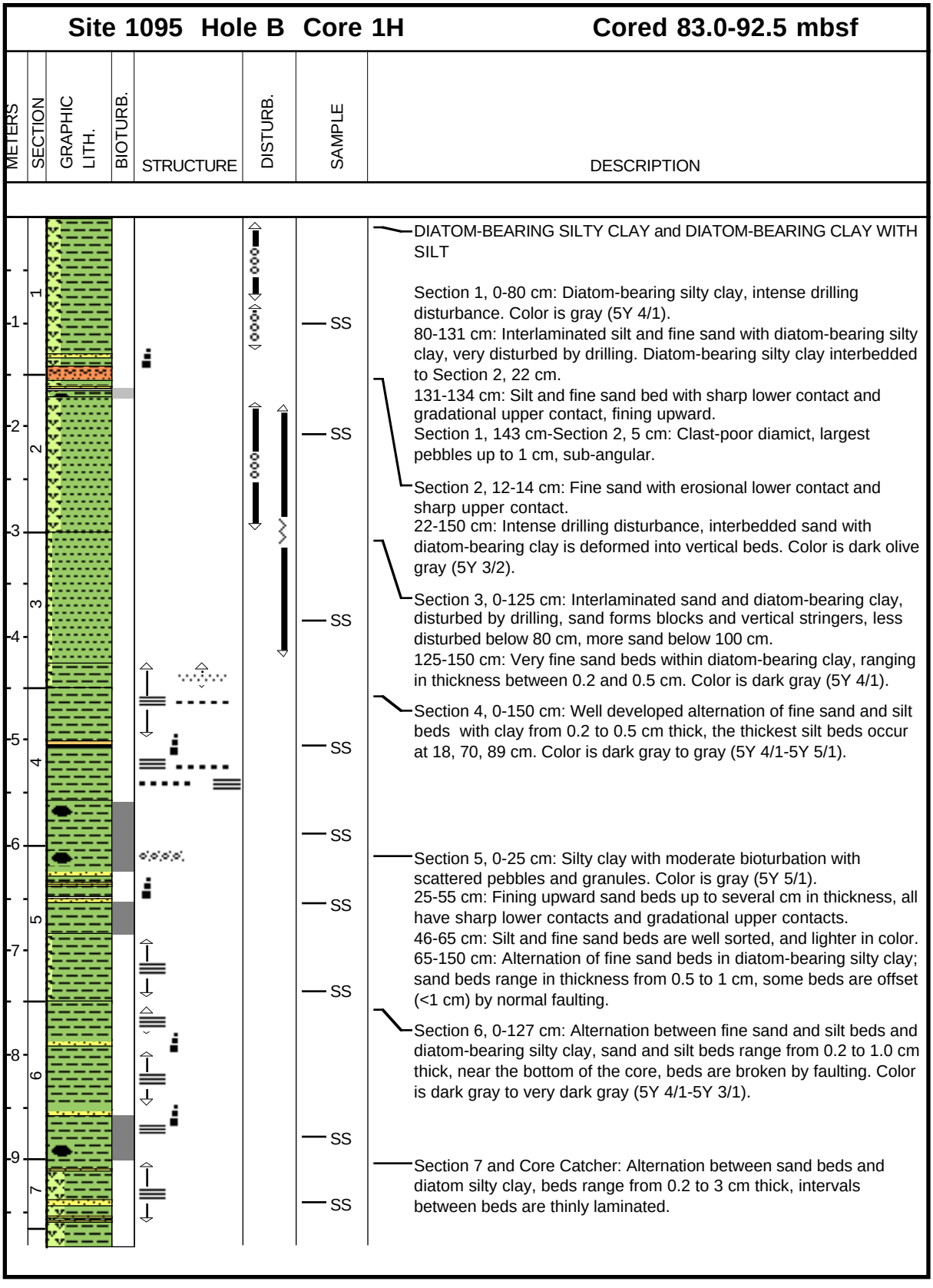
Core Image


Site 1095 Hole A Core 9H
Cored 68.3-77.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SILTY CLAY and DIATOM-BEARING SILTY CLAY with SILT and FINE SAND
Section 1, 0-150 cm: Very thin-bedded, gray (5Y 5/1) diatom-bearing silty clay with silt beds with sharp bases. Intensely disturbed core from 0 to 100 cm.
100 cm: Scoured base.
130 cm: Color change to gray (10YR 5/1).
Section 2, 0-150 cm: Repetitively-bedded very thin silt to diatom-bearing silty clay beds. Tops of thicker beds are bioturbated or possibly convolute-bedded.
12 cm: Clast 1 cm in diameter.
123 cm: Clast 1 cm in diameter.
Section 3, 0-150 cm: Very thin-bedded sand/silty clay.
10-75 cm: Complete loss of structure as a result of bioturbation.
50 cm: Ice rafted debris with a clast size of 6 cm.
75-110 cm: Partial preservation of original structure due to bioturbation.
110-150 cm: Very thin-bedded fine sand to silt beds alternating with laminated silty clays with laminated silty clays. Top of sands are relatively sharp.
Section 4, 0-150 cm: Alternations of very thin bedded (1-3 cm) to laminated (<1 cm) fine sand to silt beds with very finely laminated clays. The tops of the sand/silt beds are sharp. Episodic massive beds are the result of destratification by burrowing organisms (see Section 3). In general, Core 9 shows a strong meter-scale alternation between olive/green (5Y 5/1) and brown/green (10YR 5/1) colors.
Section 5, 0-50 cm: Silty clay with several coarser (silt) layers (thickness 2 mm up to 3 cm). All layers seem to be coarsening upwards with sharp bases. The sediment color is very dark gray (5Y 3/1), with the coarser layers being slightly darker.
50-150 cm and Section 6: Same as above except coarser layers are on average thinner (2 to 5 mm) and also slightly darker.
Section 6, 120-130 cm: Ice rafted debris (maximum clast size is 1 cm). Loss of structure due to bioturbation. Cross-laminated sand.
Section 7 and CC: diatom-bearing silty clay with coarser layers (thickness 0.5 to 2 cm). Coarser layers (silt) are darker (very dark gray; 5Y 3/1) with sharp base contacts and appear to coarsen upwards.

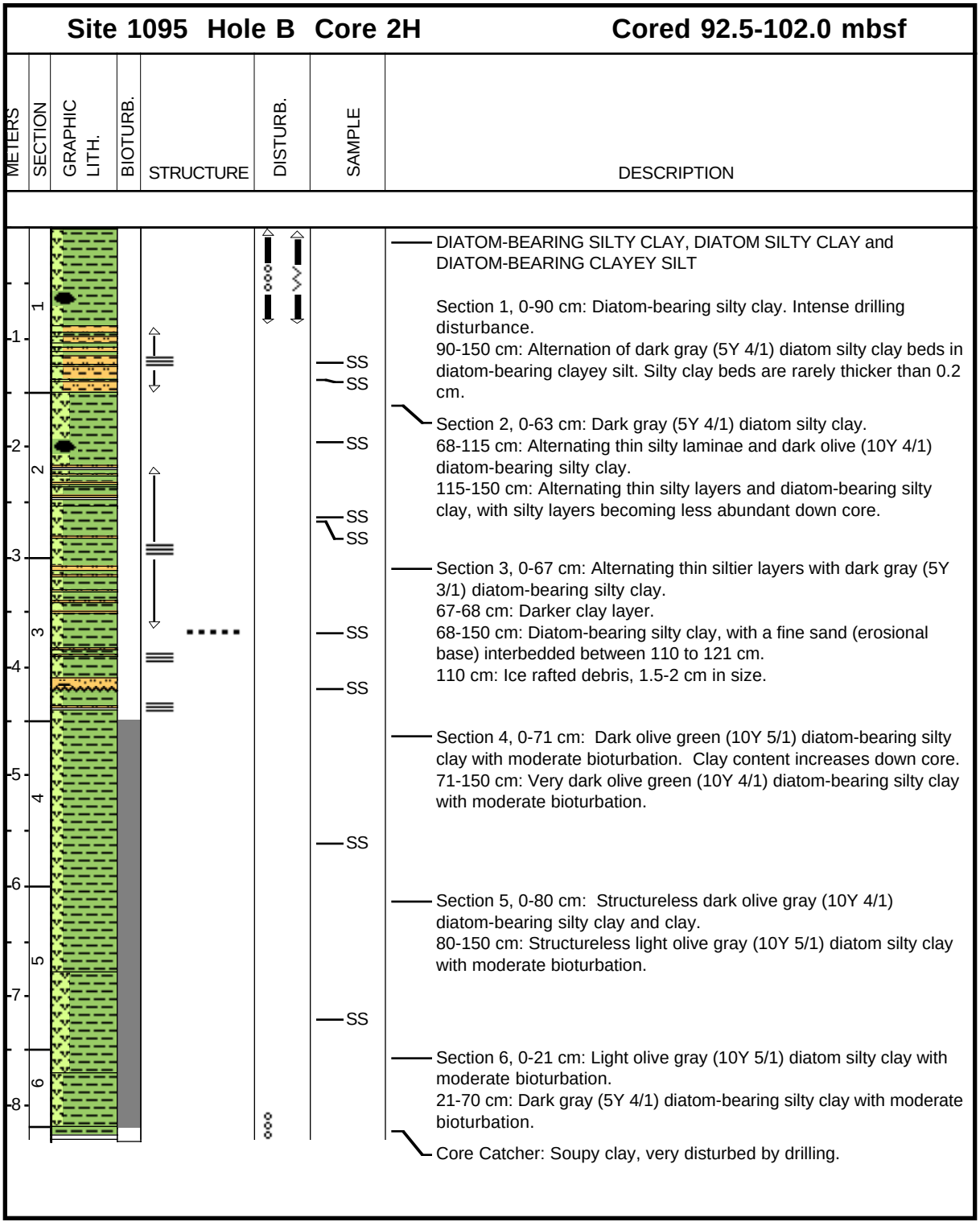
Core Image


Site 1095 Hole A Core 10H Cored 77.8-87.3 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SILTY CLAY and DIATOM-BEARING SILTY CLAY
Section 1, 0-80 cm: Intense disturbance due to coring, and subsequent loss of structure.
80-132 cm: Well developed alternation of graded fine sand to silt beds (1-3 cm) with weakly laminated clay. Sand/silt beds are sharp topped.
132-150 cm: Massive, bioturbated interval that is likely same facies as above but destratified by organisms. No ice-rafted debris.
Section 2, 0-40 cm: Intense core disturbance has resulted in complete loss of primary sedimentary structure.
40-65 cm, 90-115 cm, 125-135 cm: Well developed alternations of graded sand and silt beds with sharp tops, with faintly laminated (graded?) clay.
65-90 cm, 115-125 cm, 135-144 cm: Same as above but partially bioturbated.
144-150 cm: Alternating sand/silt (graded) with weakly laminated clay (graded?).
Section 3, 0-40 cm: Fine sand to silt graded beds (very thin-bedded and graded) alternating with weakly laminated clay (graded?).
40-100 cm: Mottled bioturbated texture in massive unit likely (?) to be the result of destratification of facies above/below.
100-150 cm: Same facies as in upper core but deformed by coring.
Diatom-bearing clayey silt at 122 cm.
Section 4 to base of core: Dark green/gray (5Y 3/1) sand/silt beds (very thin bedded; graded) alternating with faintly laminated diatom-bearing silty clay .
Section 5, 70-80: Partially bioturbated.
SS
SS
SS
SS

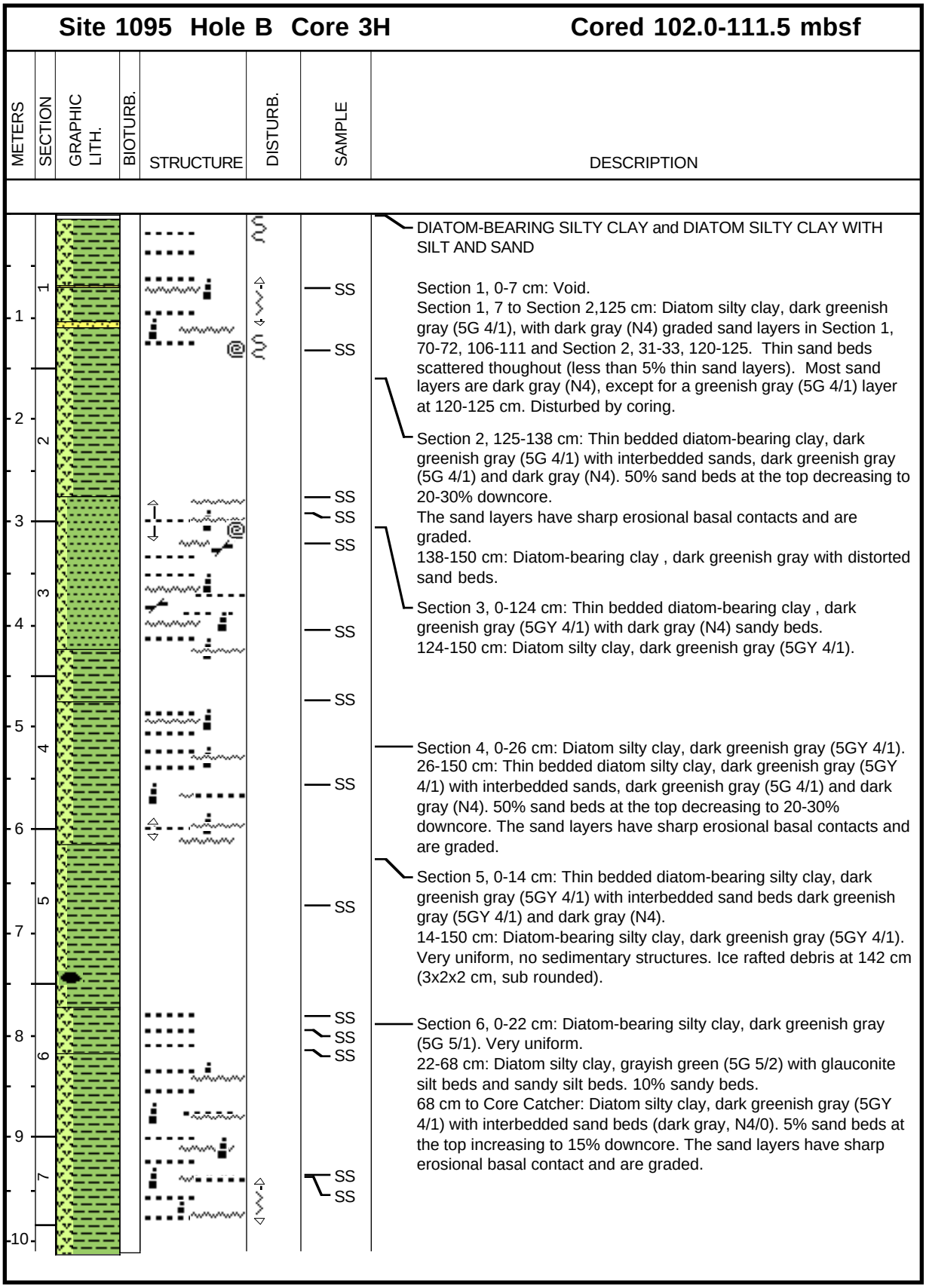
Core Image


Site 1095 Hole B Core 1H Cored 83.0-92.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
DIATOM-BEARING SILTY CLAY and DIATOM-BEARING CLAY WITH SILT
Section 1, 0-80 cm: Diatom-bearing silty clay, intense drilling disturbance. Color is gray (5Y 4/1).
80-131 cm: Interlaminated silt and fine sand with diatom-bearing silty clay, very disturbed by drilling. Diatom-bearing silty clay interbedded to Section 2, 22 cm.
131-134 cm: Silt and fine sand bed with sharp lower contact and gradational upper contact, fining upward.
Section 1, 143 cm-Section 2, 5 cm: Clast-poor diamict, largest pebbles up to 1 cm, sub-angular.
Section 2, 12-14 cm: Fine sand with erosional lower contact and sharp upper contact.
22-150 cm: Intense drilling disturbance, interbedded sand with diatom-bearing clay is deformed into vertical beds. Color is dark olive gray (5Y 3/2).
Section 3, 0-125 cm: Interlaminated sand and diatom-bearing clay, disturbed by drilling, sand forms blocks and vertical stringers, less disturbed below 80 cm, more sand below 100 cm.
125-150 cm: Very fine sand beds within diatom-bearing clay, ranging in thickness between 0.2 and 0.5 cm. Color is dark gray (5Y 4/1).
Section 4, 0-150 cm: Well developed alternation of fine sand and silt beds with clay from 0.2 to 0.5 cm thick, the thickest silt beds occur at 18, 70, 89 cm. Color is dark gray to gray (5Y 4/1-5Y 5/1).
Section 5, 0-25 cm: Silty clay with moderate bioturbation with scattered pebbles and granules. Color is gray (5Y 5/1).
25-55 cm: Fining upward sand beds up to several cm in thickness, all have sharp lower contacts and gradational upper contacts.
46-65 cm: Silt and fine sand beds are well sorted, and lighter in color.
65-150 cm: Alternation of fine sand beds in diatom-bearing silty clay; sand beds range in thickness from 0.5 to 1 cm, some beds are offset (<1 cm) by normal faulting.
Section 6, 0-127 cm: Alternation between fine sand and silt beds and diatom-bearing silty clay, sand and silt beds range from 0.2 to 1.0 cm thick, near the bottom of the core, beds are broken by faulting. Color is dark gray to very dark gray (5Y 4/1-5Y 3/1).
Section 7 and Core Catcher: Alternation between sand beds and diatom silty clay, beds range from 0.2 to 3 cm thick, intervals between beds are thinly laminated.

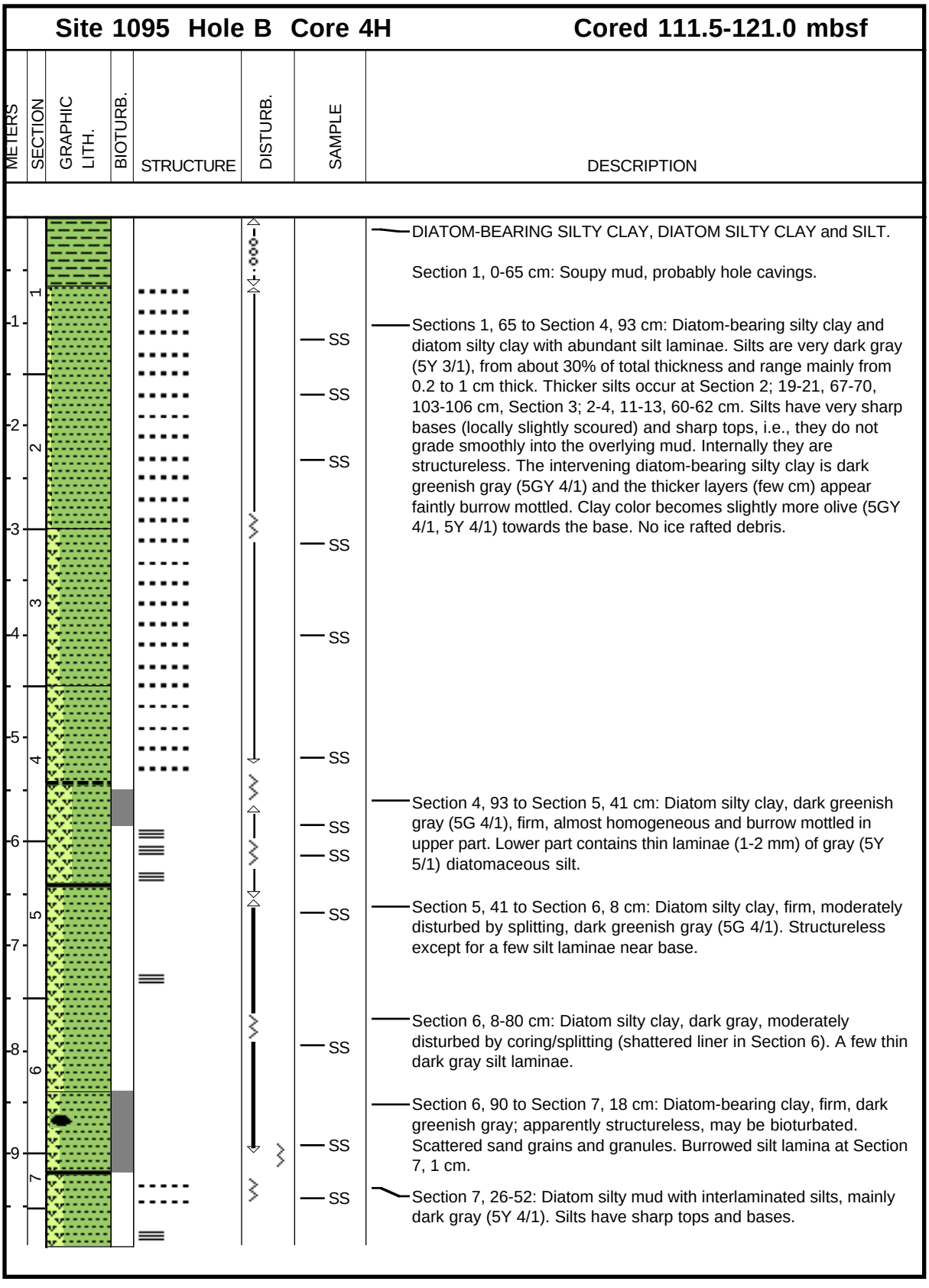
Core Image


Site 1095 Hole B Core 2H Cored 92.5-102.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
DIATOM-BEARING SILTY CLAY, DIATOM SILTY CLAY and DIATOM-BEARING CLAYEY SILT
Section 1, 0-90 cm: Diatom-bearing silty clay. Intense drilling disturbance.
90-150 cm: Alternation of dark gray (5Y 4/1) diatom silty clay beds in diatom-bearing clayey silt. Silty clay beds are rarely thicker than 0.2 cm.
Section 2, 0-63 cm: Dark gray (5Y 4/1) diatom silty clay.
68-115 cm: Alternating thin silty laminae and dark olive (10Y 4/1) diatom-bearing silty clay.
115-150 cm: Alternating thin silty layers and diatom-bearing silty clay, with silty layers becoming less abundant down core.
Section 3, 0-67 cm: Alternating thin siltier layers with dark gray (5Y 3/1) diatom-bearing silty clay.
67-68 cm: Darker clay layer.
68-150 cm: Diatom-bearing silty clay, with a fine sand (erosional base) interbedded between 110 to 121 cm.
110 cm: Ice rafted debris, 1.5-2 cm in size.
Section 4, 0-71 cm: Dark olive green (10Y 5/1) diatom-bearing silty clay with moderate bioturbation. Clay content increases down core.
71-150 cm: Very dark olive green (10Y 4/1) diatom-bearing silty clay with moderate bioturbation.
Section 5, 0-80 cm: Structureless dark olive gray (10Y 4/1) diatom-bearing silty clay and clay.
80-150 cm: Structureless light olive gray (10Y 5/1) diatom silty clay with moderate bioturbation.
Section 6, 0-21 cm: Light olive gray (10Y 5/1) diatom silty clay with moderate bioturbation.
21-70 cm: Dark gray (5Y 4/1) diatom-bearing silty clay with moderate bioturbation.
Core Catcher: Soupy clay, very disturbed by drilling.

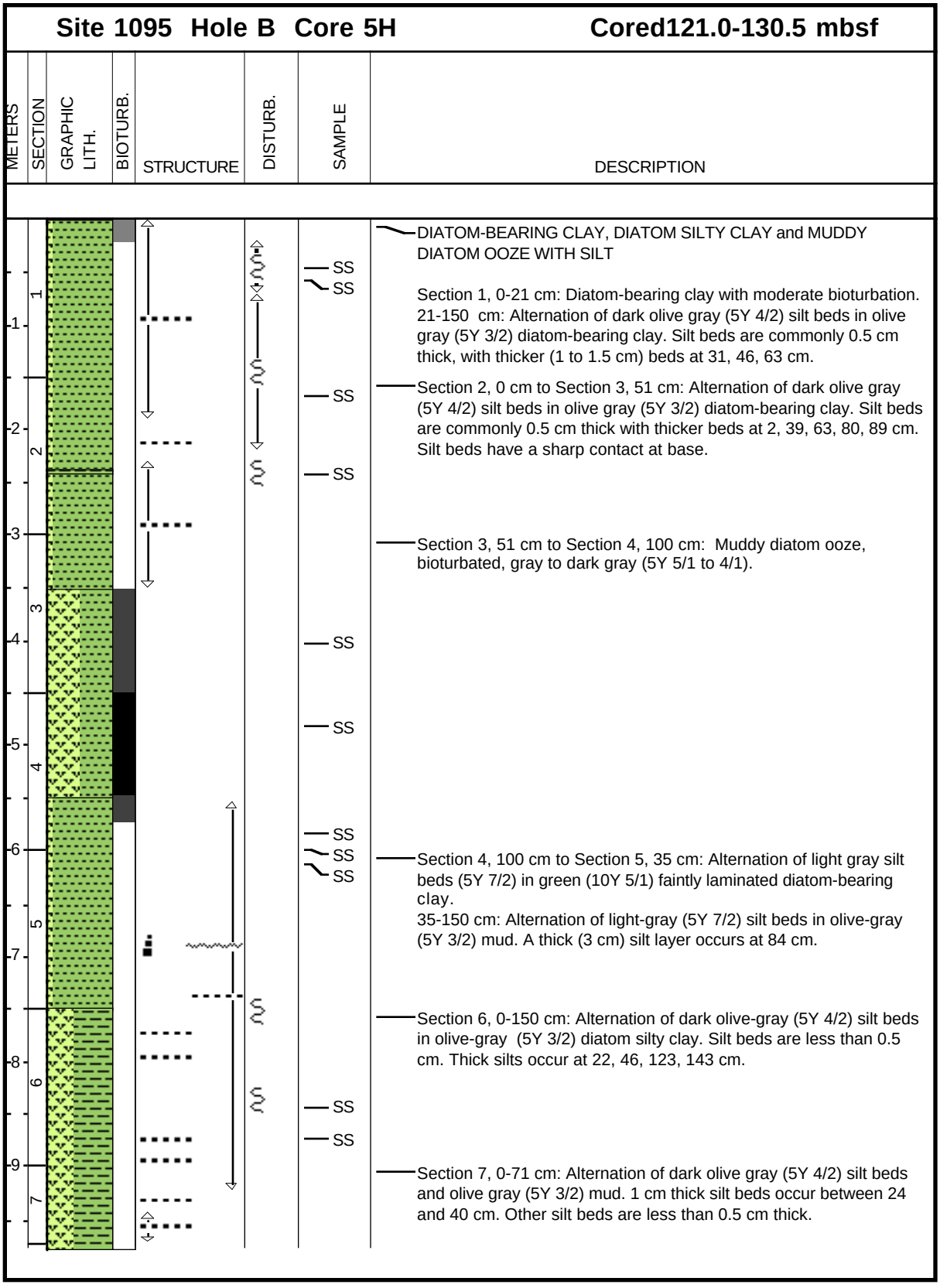
Core Image


Site 1095 Hole B Core 3H Cored 102.0-111.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
DIATOM-BEARING SILTY CLAY and DIATOM SILTY CLAY WITH SILT AND SAND
Section 1, 0-7 cm: Void.
Section 1, 7 to Section 2,125 cm: Diatom silty clay, dark greenish gray (5G 4/1), with dark gray (N4) graded sand layers in Section 1, 70-72, 106-111 and Section 2, 31-33, 120-125. Thin sand beds scattered thoughout (less than 5% thin sand layers). Most sand layers are dark gray (N4), except for a greenish gray (5G 4/1) layer at 120-125 cm. Disturbed by coring.
Section 2, 125-138 cm: Thin bedded diatom-bearing clay, dark greenish gray (5G 4/1) with interbedded sands, dark greenish gray (5G 4/1) and dark gray (N4). 50% sand beds at the top decreasing to 20-30% downcore.
The sand layers have sharp erosional basal contacts and are graded.
138-150 cm: Diatom-bearing clay , dark greenish gray with distorted sand beds.
Section 3, 0-124 cm: Thin bedded diatom-bearing clay , dark greenish gray (5GY 4/1) with dark gray (N4) sandy beds.
124-150 cm: Diatom silty clay, dark greenish gray (5GY 4/1).
Section 4, 0-26 cm: Diatom silty clay, dark greenish gray (5GY 4/1).
26-150 cm: Thin bedded diatom silty clay, dark greenish gray (5GY 4/1) with interbedded sands, dark greenish gray (5G 4/1) and dark gray (N4). 50% sand beds at the top decreasing to 20-30% downcore. The sand layers have sharp erosional basal contacts and are graded.
Section 5, 0-14 cm: Thin bedded diatom-bearing silty clay, dark greenish gray (5GY 4/1) with interbedded sand beds dark greenish gray (5GY 4/1) and dark gray (N4).
14-150 cm: Diatom-bearing silty clay, dark greenish gray (5GY 4/1). Very uniform, no sedimentary structures. Ice rafted debris at 142 cm (3x2x2 cm, sub rounded).
Section 6, 0-22 cm: Diatom-bearing silty clay, dark greenish gray (5G 5/1). Very uniform.
22-68 cm: Diatom silty clay, grayish green (5G 5/2) with glauconite silt beds and sandy silt beds. 10% sandy beds.
68 cm to Core Catcher: Diatom silty clay, dark greenish gray (5GY 4/1) with interbedded sand beds (dark gray, N4/0). 5% sand beds at the top increasing to 15% downcore. The sand layers have sharp erosional basal contact and are graded.

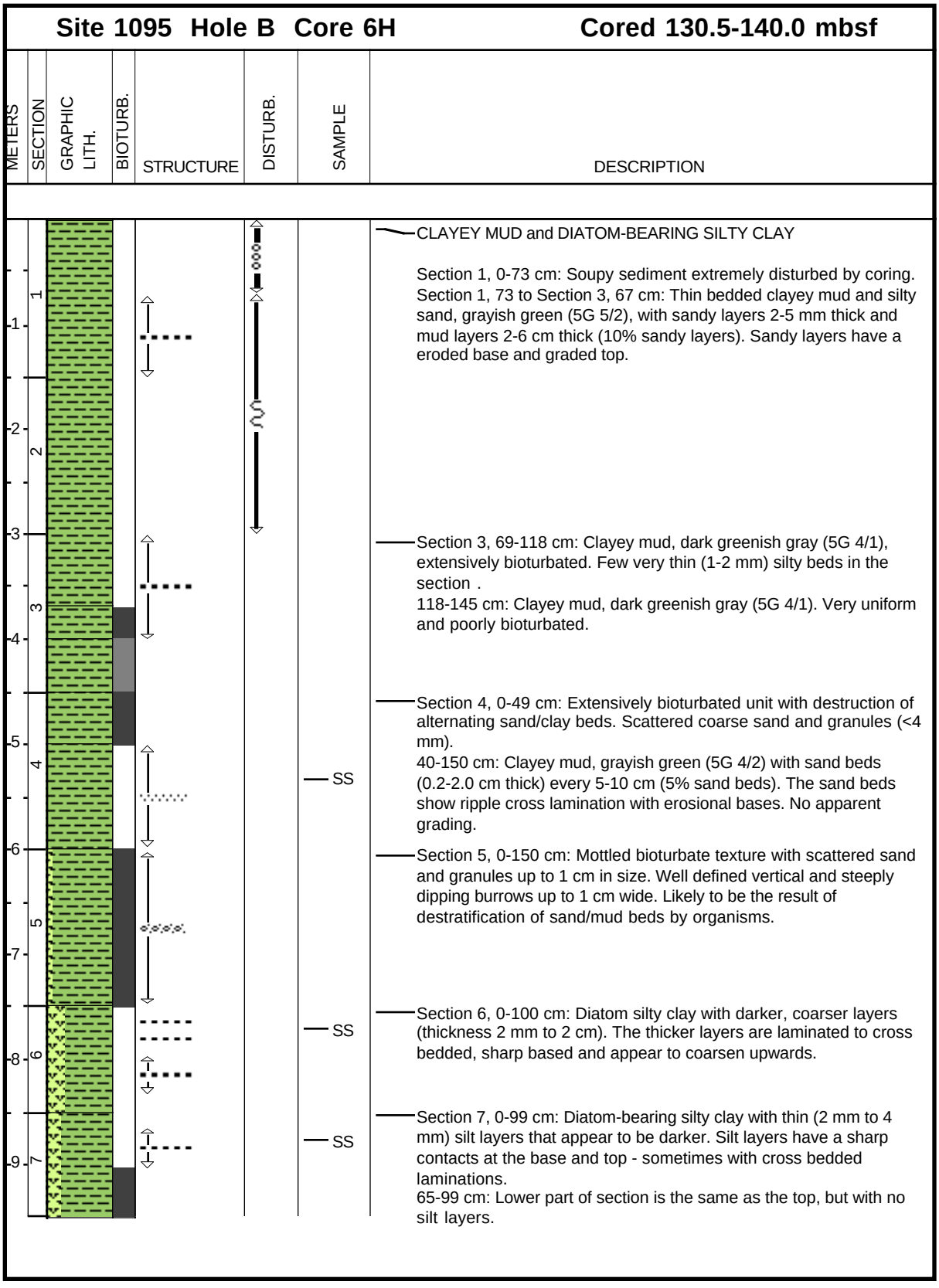
Core Image


Site 1095 Hole B Core 4H Cored 111.5-121.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
DIATOM-BEARING SILTY CLAY, DIATOM SILTY CLAY and SILT.
Section 1, 0-65 cm: Soupy mud, probably hole cavings.
Sections 1, 65 to Section 4, 93 cm: Diatom-bearing silty clay and diatom silty clay with abundant silt laminae. Silts are very dark gray (5Y 3/1), from about 30% of total thickness and range mainly from 0.2 to 1 cm thick. Thicker silts occur at Section 2; 19-21, 67-70, 103-106 cm, Section 3; 2-4, 11-13, 60-62 cm. Silts have very sharp bases (locally slightly scoured) and sharp tops, i.e., they do not grade smoothly into the overlying mud. Internally they are structureless. The intervening diatom-bearing silty clay is dark greenish gray (5GY 4/1) and the thicker layers (few cm) appear faintly burrow mottled. Clay color becomes slightly more olive (5GY 4/1, 5Y 4/1) towards the base. No ice rafted debris.
Section 4, 93 to Section 5, 41 cm: Diatom silty clay, dark greenish gray (5G 4/1), firm, almost homogeneous and burrow mottled in upper part. Lower part contains thin laminae (1-2 mm) of gray (5Y 5/1) diatomaceous silt.
Section 5, 41 to Section 6, 8 cm: Diatom silty clay, firm, moderately disturbed by splitting, dark greenish gray (5G 4/1). Structureless except for a few silt laminae near base.
Section 6, 8-80 cm: Diatom silty clay, dark gray, moderately disturbed by coring/splitting (shattered liner in Section 6). A few thin dark gray silt laminae.
Section 6, 90 to Section 7, 18 cm: Diatom-bearing clay, firm, dark greenish gray; apparently structureless, may be bioturbated. Scattered sand grains and granules. Burrowed silt lamina at Section 7, 1 cm.
Section 7, 26-52: Diatom silty mud with interlaminated silts, mainly dark gray (5Y 4/1). Silts have sharp tops and bases.

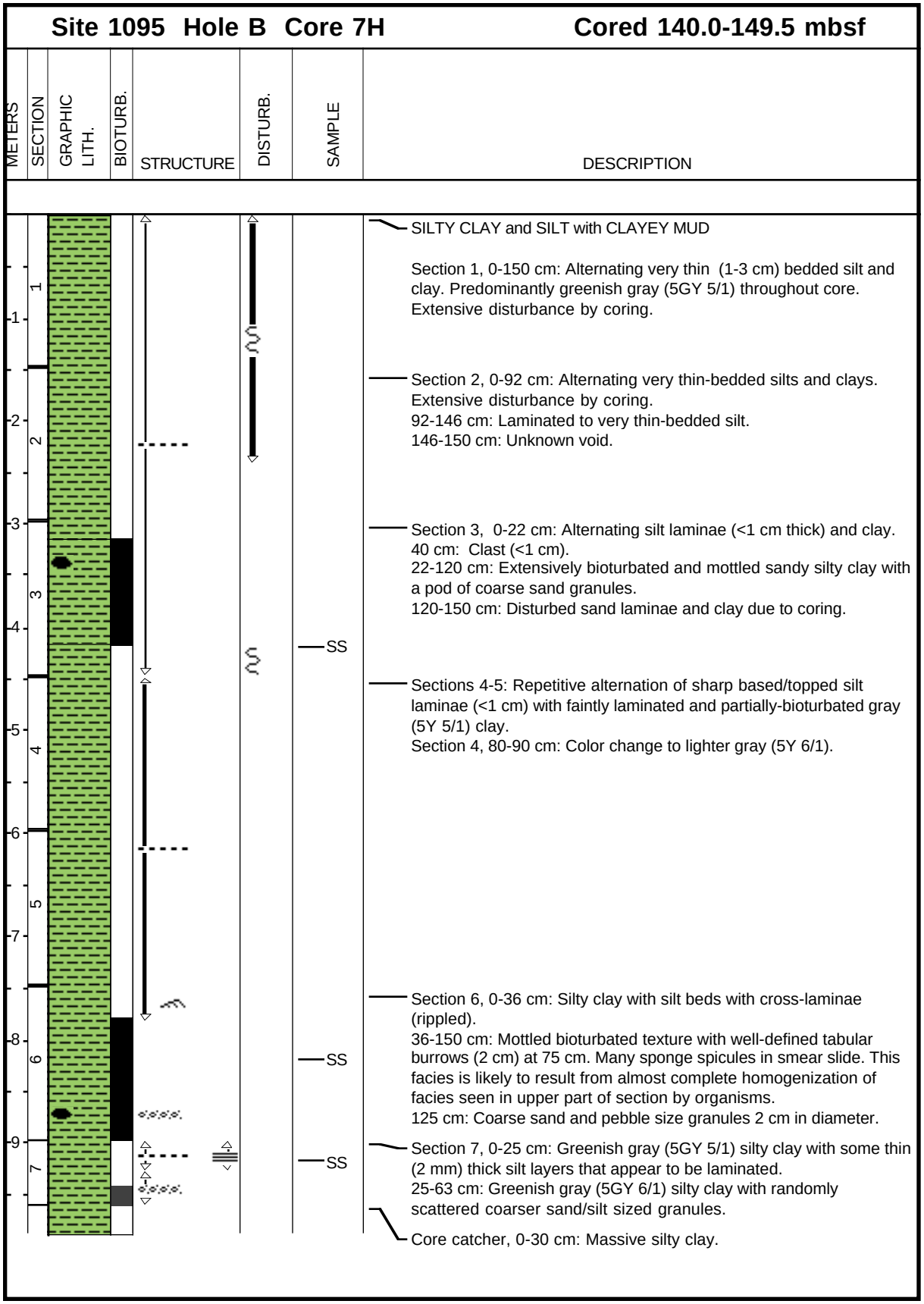
Core Image


Site 1095 Hole B Core 5H Cored121.0-130.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
DIATOM-BEARING CLAY, DIATOM SILTY CLAY and MUDDY DIATOM OOZE WITH SILT
Section 1, 0-21 cm: Diatom-bearing clay with moderate bioturbation.
21-150 cm: Alternation of dark olive gray (5Y 4/2) silt beds in olive gray (5Y 3/2) diatom-bearing clay. Silt beds are commonly 0.5 cm thick, with thicker (1 to 1.5 cm) beds at 31, 46, 63 cm.
Section 2, 0 cm to Section 3, 51 cm: Alternation of dark olive gray (5Y 4/2) silt beds in olive gray (5Y 3/2) diatom-bearing clay. Silt beds are commonly 0.5 cm thick with thicker beds at 2, 39, 63, 80, 89 cm. Silt beds have a sharp contact at base.
Section 3, 51 cm to Section 4, 100 cm: Muddy diatom ooze, bioturbated, gray to dark gray (5Y 5/1 to 4/1).
Section 4, 100 cm to Section 5, 35 cm: Alternation of light gray silt beds (5Y 7/2) in green (10Y 5/1) faintly laminated diatom-bearing clay.
35-150 cm: Alternation of light-gray (5Y 7/2) silt beds in olive-gray (5Y 3/2) mud. A thick (3 cm) silt layer occurs at 84 cm.
Section 6, 0-150 cm: Alternation of dark olive-gray (5Y 4/2) silt beds in olive-gray (5Y 3/2) diatom silty clay. Silt beds are less than 0.5 cm. Thick silts occur at 22, 46, 123, 143 cm.
Section 7, 0-71 cm: Alternation of dark olive gray (5Y 4/2) silt beds and olive gray (5Y 3/2) mud. 1 cm thick silt beds occur between 24 and 40 cm. Other silt beds are less than 0.5 cm thick.

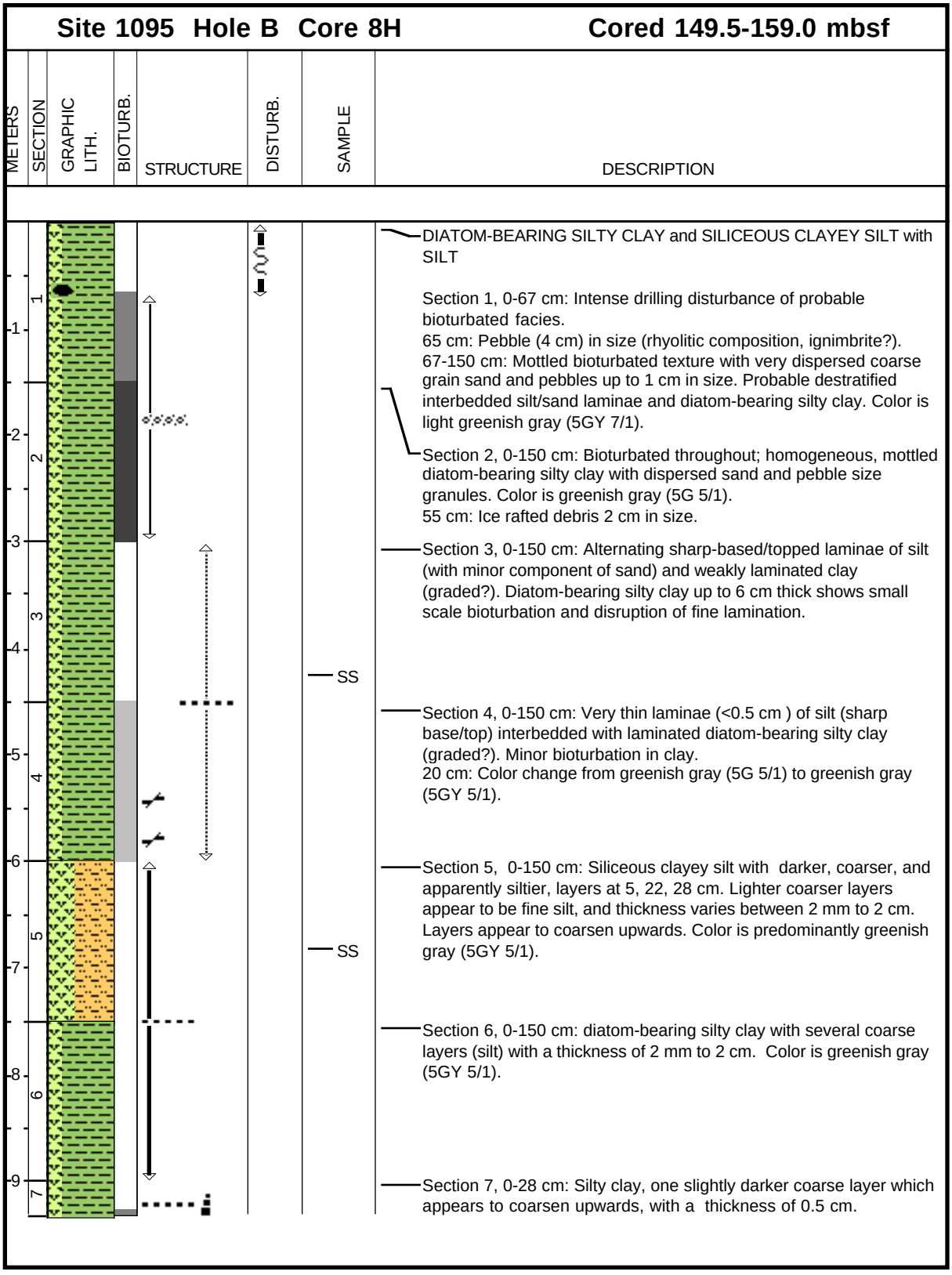
Core Image


Site 1095 Hole B Core 6H
Cored 130.5-140.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
CLAYEY MUD and DIATOM-BEARING SILTY CLAY
Section 1, 0-73 cm: Soupy sediment extremely disturbed by coring.
Section 1, 73 to Section 3, 67 cm: Thin bedded clayey mud and silty sand, grayish green (5G 5/2), with sandy layers 2-5 mm thick and mud layers 2-6 cm thick (10% sandy layers). Sandy layers have a eroded base and graded top.
Section 3, 69-118 cm: Clayey mud, dark greenish gray (5G 4/1), extensively bioturbated. Few very thin (1-2 mm) silty beds in the section .
118-145 cm: Clayey mud, dark greenish gray (5G 4/1). Very uniform and poorly bioturbated.
Section 4, 0-49 cm: Extensively bioturbated unit with destruction of alternating sand/clay beds. Scattered coarse sand and granules (<4 mm).
40-150 cm: Clayey mud, grayish green (5G 4/2) with sand beds (0.2-2.0 cm thick) every 5-10 cm (5% sand beds). The sand beds show ripple cross lamination with erosional bases. No apparent grading.
SS
Section 5, 0-150 cm: Mottled bioturbate texture with scattered sand and granules up to 1 cm in size. Well defined vertical and steeply dipping burrows up to 1 cm wide. Likely to be the result of destratification of sand/mud beds by organisms.
SS
Section 6, 0-100 cm: Diatom silty clay with darker, coarser layers (thickness 2 mm to 2 cm). The thicker layers are laminated to cross bedded, sharp based and appear to coarsen upwards.
SS
Section 7, 0-99 cm: Diatom-bearing silty clay with thin (2 mm to 4 mm) silt layers that appear to be darker. Silt layers have a sharp contacts at the base and top - sometimes with cross bedded laminations.
65-99 cm: Lower part of section is the same as the top, but with no silt layers.

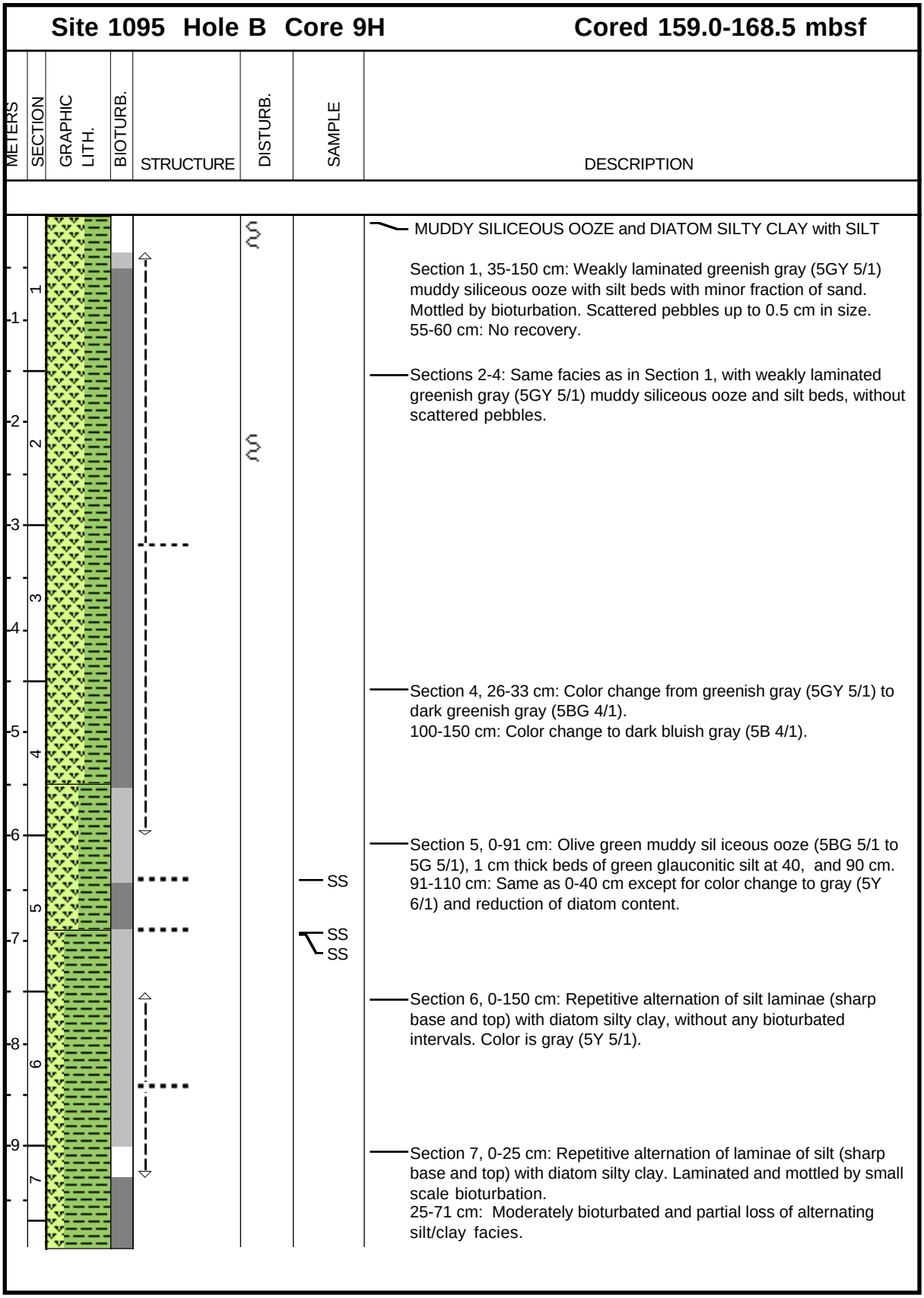
Core Image


Site 1095 Hole B Core 7H
Cored 140.0-149.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SILTY CLAY and SILT with CLAYEY MUD
Section 1, 0-150 cm: Alternating very thin (1-3 cm) bedded silt and clay. Predominantly greenish gray (5GY 5/1) throughout core. Extensive disturbance by coring.
Section 2, 0-92 cm: Alternating very thin-bedded silts and clays. Extensive disturbance by coring.
92-146 cm: Laminated to very thin-bedded silt.
146-150 cm: Unknown void.
Section 3, 0-22 cm: Alternating silt laminae (<1 cm thick) and clay.
40 cm: Clast (<1 cm).
22-120 cm: Extensively bioturbated and mottled sandy silty clay with a pod of coarse sand granules.
120-150 cm: Disturbed sand laminae and clay due to coring.
SS
Sections 4-5: Repetitive alternation of sharp based/topped silt laminae (<1 cm) with faintly laminated and partially-bioturbated gray (5Y 5/1) clay.
Section 4, 80-90 cm: Color change to lighter gray (5Y 6/1).
Section 6, 0-36 cm: Silty clay with silt beds with cross-laminae (rippled).
36-150 cm: Mottled bioturbated texture with well-defined tabular burrows (2 cm) at 75 cm. Many sponge spicules in smear slide. This facies is likely to result from almost complete homogenization of facies seen in upper part of section by organisms.
125 cm: Coarse sand and pebble size granules 2 cm in diameter.
SS
Section 7, 0-25 cm: Greenish gray (5GY 5/1) silty clay with some thin (2 mm) thick silt layers that appear to be laminated.
25-63 cm: Greenish gray (5GY 6/1) silty clay with randomly scattered coarser sand/silt sized granules.
SS
Core catcher, 0-30 cm: Massive silty clay.

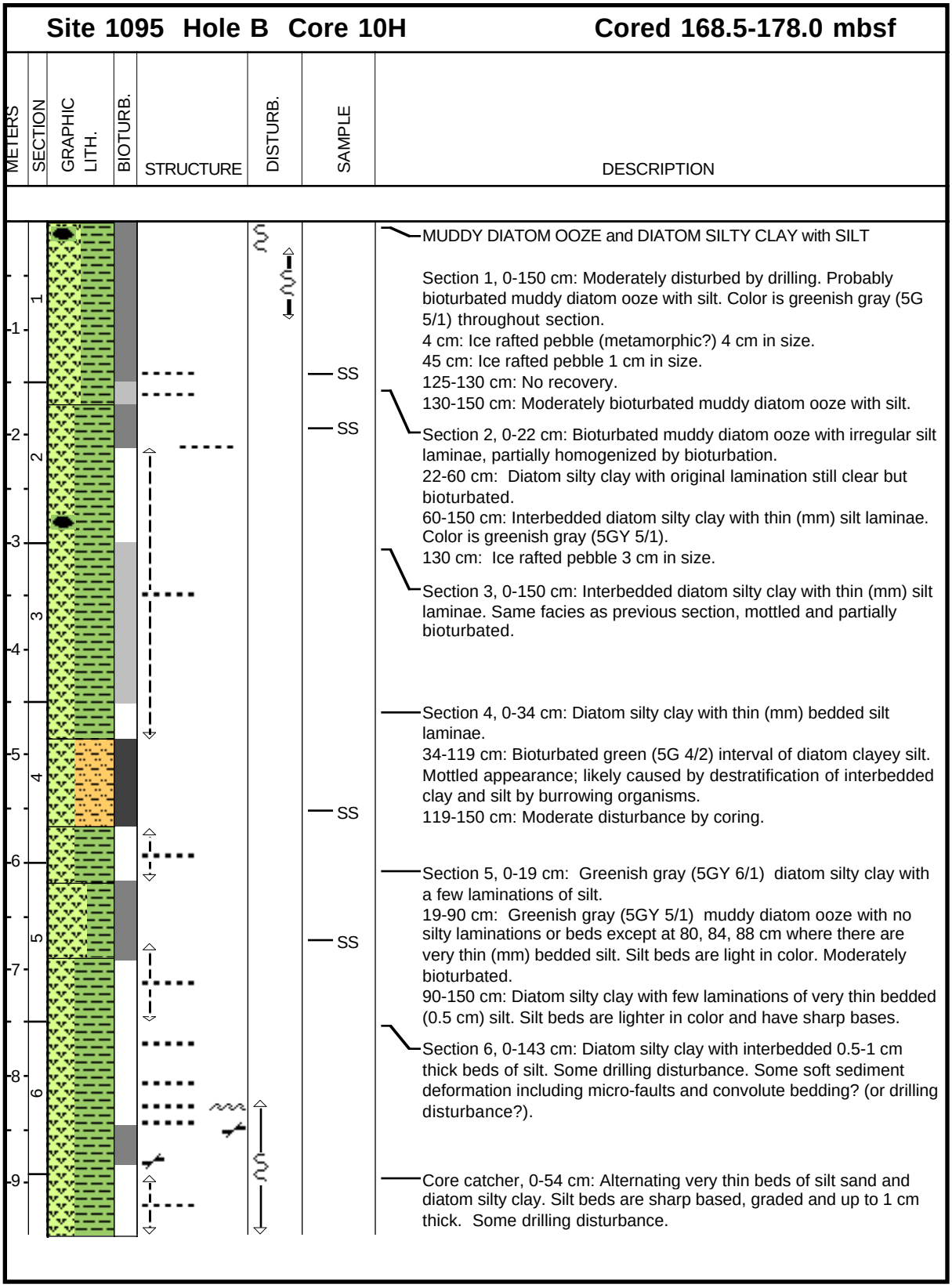
Core Image


Site 1095 Hole B Core 8H Cored 149.5-159.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
DIATOM-BEARING SILTY CLAY and SILICEOUS CLAYEY SILT with SILT
Section 1, 0-67 cm: Intense drilling disturbance of probable bioturbated facies.
65 cm: Pebble (4 cm) in size (rhyolitic composition, ignimbrite?).
67-150 cm: Mottled bioturbated texture with very dispersed coarse grain sand and pebbles up to 1 cm in size. Probable destratified interbedded silt/sand laminae and diatom-bearing silty clay. Color is light greenish gray (5GY 7/1).
Section 2, 0-150 cm: Bioturbated throughout; homogeneous, mottled diatom-bearing silty clay with dispersed sand and pebble size granules. Color is greenish gray (5G 5/1).
55 cm: Ice rafted debris 2 cm in size.
Section 3, 0-150 cm: Alternating sharp-based/topped laminae of silt (with minor component of sand) and weakly laminated clay (graded?). Diatom-bearing silty clay up to 6 cm thick shows small scale bioturbation and disruption of fine lamination.
SS
Section 4, 0-150 cm: Very thin laminae (<0.5 cm) of silt (sharp base/top) interbedded with laminated diatom-bearing silty clay (graded?). Minor bioturbation in clay.
20 cm: Color change from greenish gray (5G 5/1) to greenish gray (5GY 5/1).
Section 5, 0-150 cm: Siliceous clayey silt with darker, coarser, and apparently siltier, layers at 5, 22, 28 cm. Lighter coarser layers appear to be fine silt, and thickness varies between 2 mm to 2 cm. Layers appear to coarsen upwards. Color is predominantly greenish gray (5GY 5/1).
SS
Section 6, 0-150 cm: diatom-bearing silty clay with several coarse layers (silt) with a thickness of 2 mm to 2 cm. Color is greenish gray (5GY 5/1).
Section 7, 0-28 cm: Silty clay, one slightly darker coarse layer which appears to coarsen upwards, with a thickness of 0.5 cm.

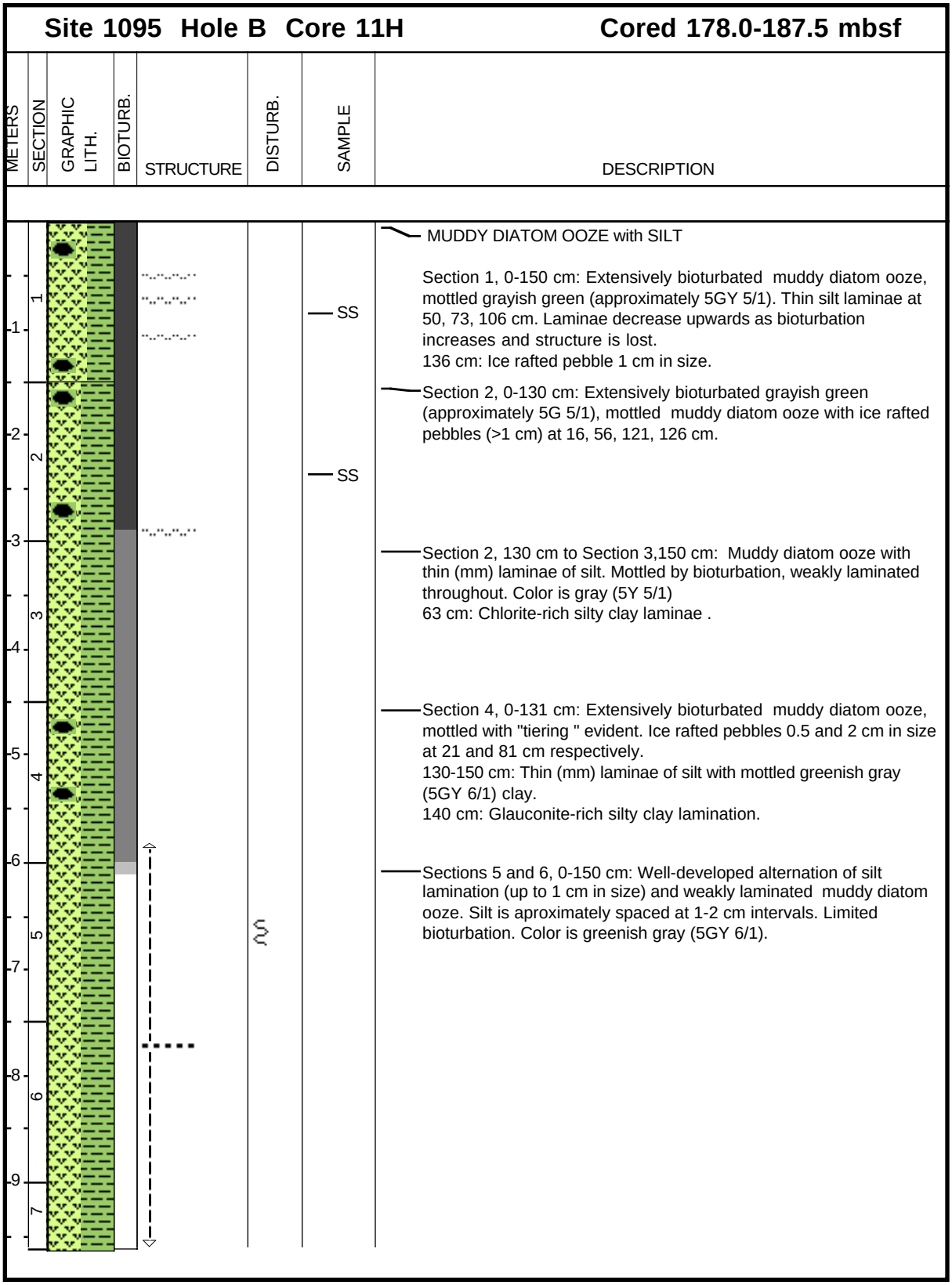
Core Image


Site 1095 Hole B Core 9H
Cored 159.0-168.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
MUDDY SILICEOUS OOZE and DIATOM SILTY CLAY with SILT
Section 1, 35-150 cm: Weakly laminated greenish gray (5GY 5/1) muddy siliceous ooze with silt beds with minor fraction of sand. Mottled by bioturbation. Scattered pebbles up to 0.5 cm in size.
55-60 cm: No recovery.
Sections 2-4: Same facies as in Section 1, with weakly laminated greenish gray (5GY 5/1) muddy siliceous ooze and silt beds, without scattered pebbles.
Section 4, 26-33 cm: Color change from greenish gray (5GY 5/1) to dark greenish gray (5BG 4/1).
100-150 cm: Color change to dark bluish gray (5B 4/1).
Section 5, 0-91 cm: Olive green muddy sil iceous ooze (5BG 5/1 to 5G 5/1), 1 cm thick beds of green glauconitic silt at 40, and 90 cm.
91-110 cm: Same as 0-40 cm except for color change to gray (5Y 6/1) and reduction of diatom content.
SS
SS
SS
Section 6, 0-150 cm: Repetitive alternation of silt laminae (sharp base and top) with diatom silty clay, without any bioturbated intervals. Color is gray (5Y 5/1).
Section 7, 0-25 cm: Repetitive alternation of laminae of silt (sharp base and top) with diatom silty clay. Laminated and mottled by small scale bioturbation.
25-71 cm: Moderately bioturbated and partial loss of alternating silt/clay facies.

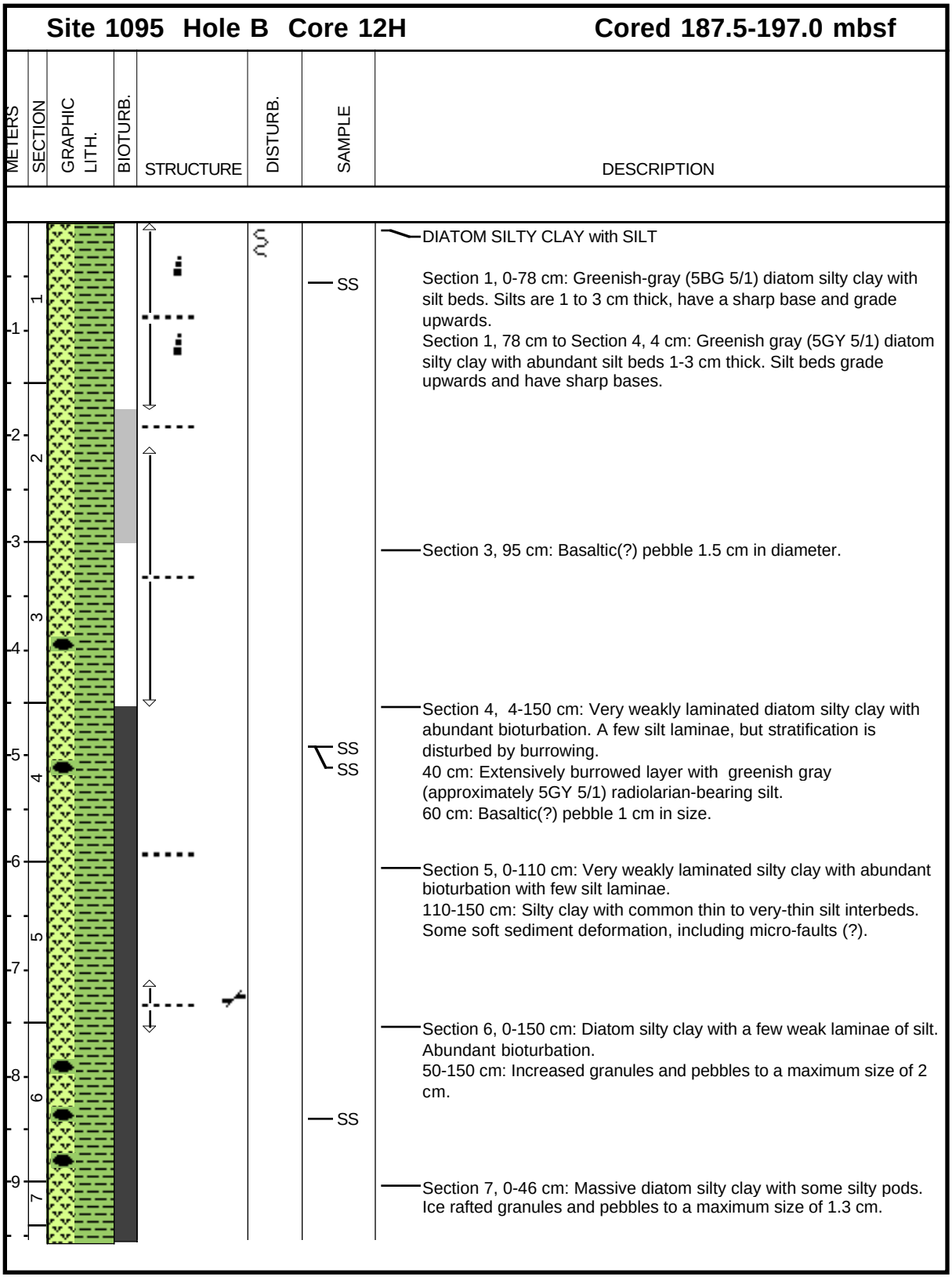
Core Image


Site 1095 Hole B Core 10H
Cored 168.5-178.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SS
SS
SS
MUDDY DIATOM OOZE and DIATOM SILTY CLAY with SILT
Section 1, 0-150 cm: Moderately disturbed by drilling. Probably bioturbated muddy diatom ooze with silt. Color is greenish gray (5G 5/1) throughout section.
4 cm: Ice rafted pebble (metamorphic?) 4 cm in size.
45 cm: Ice rafted pebble 1 cm in size.
125-130 cm: No recovery.
130-150 cm: Moderately bioturbated muddy diatom ooze with silt.
Section 2, 0-22 cm: Bioturbated muddy diatom ooze with irregular silt laminae, partially homogenized by bioturbation.
22-60 cm: Diatom silty clay with original lamination still clear but bioturbated.
60-150 cm: Interbedded diatom silty clay with thin (mm) silt laminae. Color is greenish gray (5GY 5/1).
130 cm: Ice rafted pebble 3 cm in size.
Section 3, 0-150 cm: Interbedded diatom silty clay with thin (mm) silt laminae. Same facies as previous section, mottled and partially bioturbated.
Section 4, 0-34 cm: Diatom silty clay with thin (mm) bedded silt laminae.
34-119 cm: Bioturbated green (5G 4/2) interval of diatom clayey silt. Mottled appearance; likely caused by destratification of interbedded clay and silt by burrowing organisms.
119-150 cm: Moderate disturbance by coring.
Section 5, 0-19 cm: Greenish gray (5GY 6/1) diatom silty clay with a few laminations of silt.
19-90 cm: Greenish gray (5GY 5/1) muddy diatom ooze with no silty laminations or beds except at 80, 84, 88 cm where there are very thin (mm) bedded silt. Silt beds are light in color. Moderately bioturbated.
90-150 cm: Diatom silty clay with few laminations of very thin bedded (0.5 cm) silt. Silt beds are lighter in color and have sharp bases.
Section 6, 0-143 cm: Diatom silty clay with interbedded 0.5-1 cm thick beds of silt. Some drilling disturbance. Some soft sediment deformation including micro-faults and convolute bedding? (or drilling disturbance?).
Core catcher, 0-54 cm: Alternating very thin beds of silt sand and diatom silty clay. Silt beds are sharp based, graded and up to 1 cm thick. Some drilling disturbance.

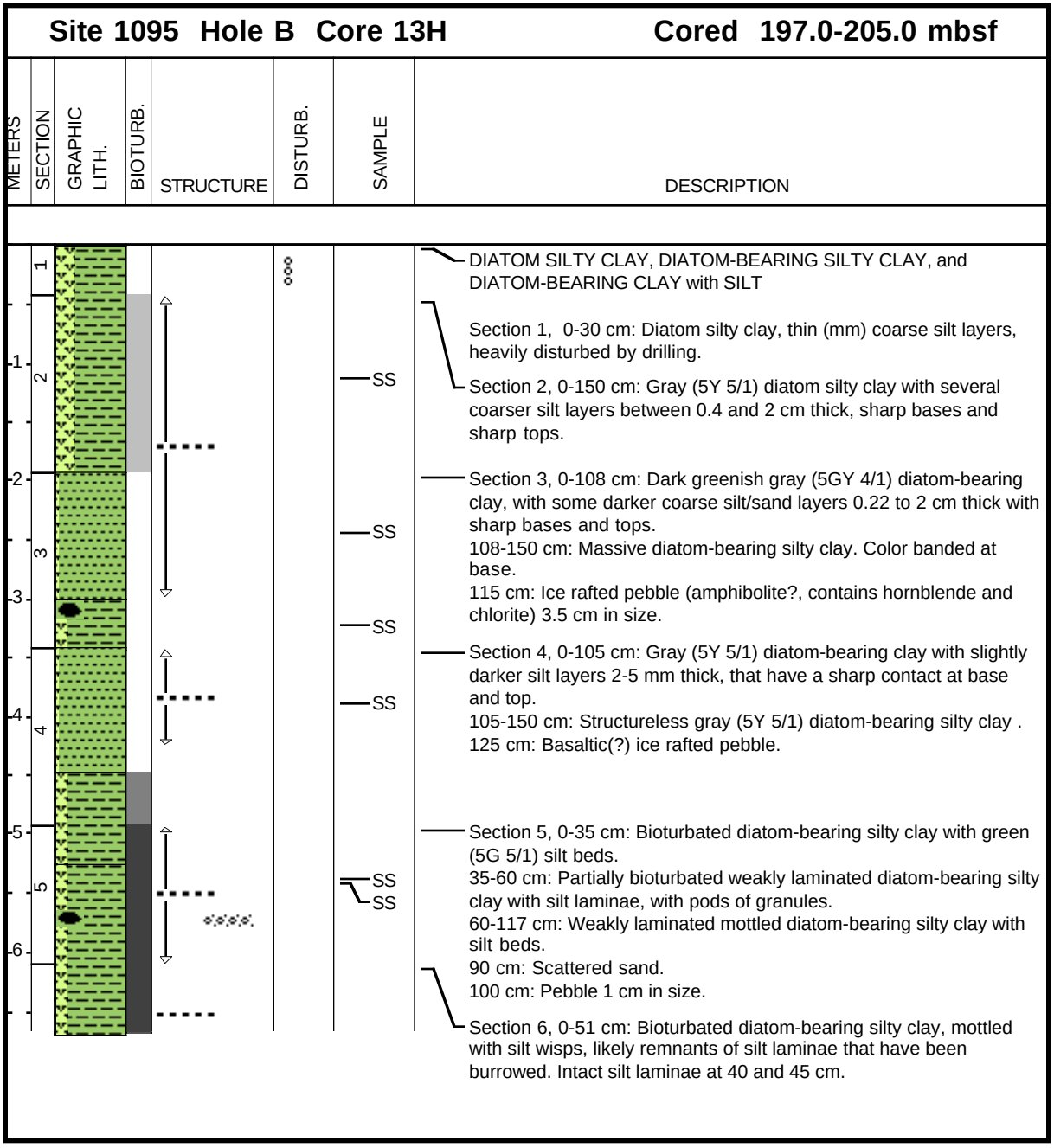
Core Image


Site 1095 Hole B Core 11H Cored 178.0-187.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SS
MUDDY DIATOM OOZE with SILT
Section 1, 0-150 cm: Extensively bioturbated muddy diatom ooze, mottled grayish green (approximately 5GY 5/1). Thin silt laminae at 50, 73, 106 cm. Laminae decrease upwards as bioturbation increases and structure is lost.
136 cm: Ice rafted pebble 1 cm in size.
Section 2, 0-130 cm: Extensively bioturbated grayish green (approximately 5G 5/1), mottled muddy diatom ooze with ice rafted pebbles (>1 cm) at 16, 56, 121, 126 cm.
Section 2, 130 cm to Section 3,150 cm: Muddy diatom ooze with thin (mm) laminae of silt. Mottled by bioturbation, weakly laminated throughout. Color is gray (5Y 5/1)
63 cm: Chlorite-rich silty clay laminae .
Section 4, 0-131 cm: Extensively bioturbated muddy diatom ooze, mottled with "tiering " evident. Ice rafted pebbles 0.5 and 2 cm in size at 21 and 81 cm respectively.
130-150 cm: Thin (mm) laminae of silt with mottled greenish gray (5GY 6/1) clay.
140 cm: Glauconite-rich silty clay lamination.
Sections 5 and 6, 0-150 cm: Well-developed alternation of silt lamination (up to 1 cm in size) and weakly laminated muddy diatom ooze. Silt is aproximately spaced at 1-2 cm intervals. Limited bioturbation. Color is greenish gray (5GY 6/1).

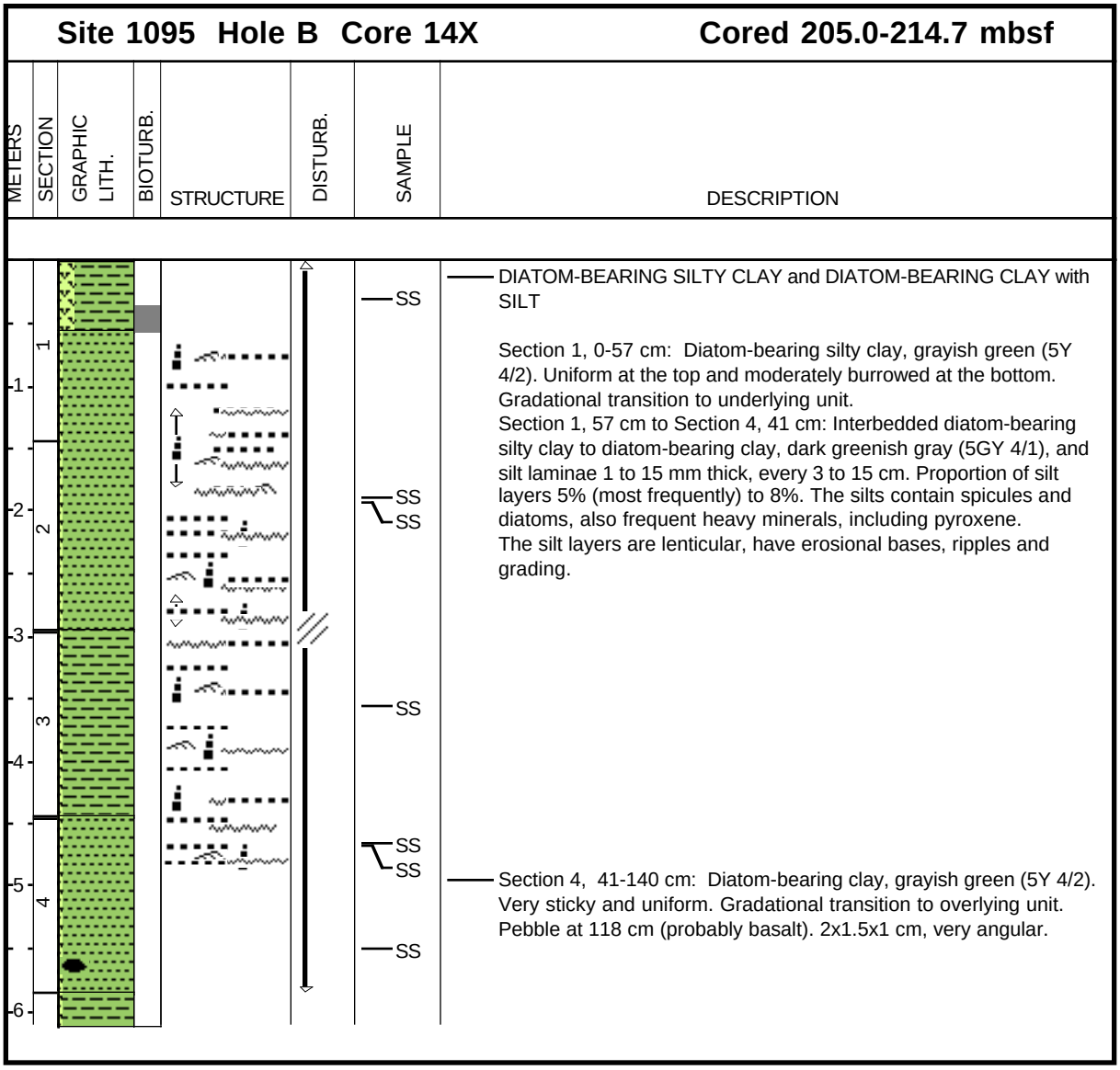
Core Image


Site 1095 Hole B Core 12H
Cored 187.5-197.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
DIATOM SILTY CLAY with SILT
Section 1, 0-78 cm: Greenish-gray (5BG 5/1) diatom silty clay with silt beds. Silts are 1 to 3 cm thick, have a sharp base and grade upwards.
Section 1, 78 cm to Section 4, 4 cm: Greenish gray (5GY 5/1) diatom silty clay with abundant silt beds 1-3 cm thick. Silt beds grade upwards and have sharp bases.
SS
Section 3, 95 cm: Basaltic(?) pebble 1.5 cm in diameter.
Section 4, 4-150 cm: Very weakly laminated diatom silty clay with abundant bioturbation. A few silt laminae, but stratification is disturbed by burrowing.
40 cm: Extensively burrowed layer with greenish gray (approximately 5GY 5/1) radiolarian-bearing silt.
60 cm: Basaltic(?) pebble 1 cm in size.
SS
SS
Section 5, 0-110 cm: Very weakly laminated silty clay with abundant bioturbation with few silt laminae.
110-150 cm: Silty clay with common thin to very-thin silt interbeds. Some soft sediment deformation, including micro-faults (?).
Section 6, 0-150 cm: Diatom silty clay with a few weak laminae of silt. Abundant bioturbation.
50-150 cm: Increased granules and pebbles to a maximum size of 2 cm.
SS
Section 7, 0-46 cm: Massive diatom silty clay with some silty pods. Ice rafted granules and pebbles to a maximum size of 1.3 cm.

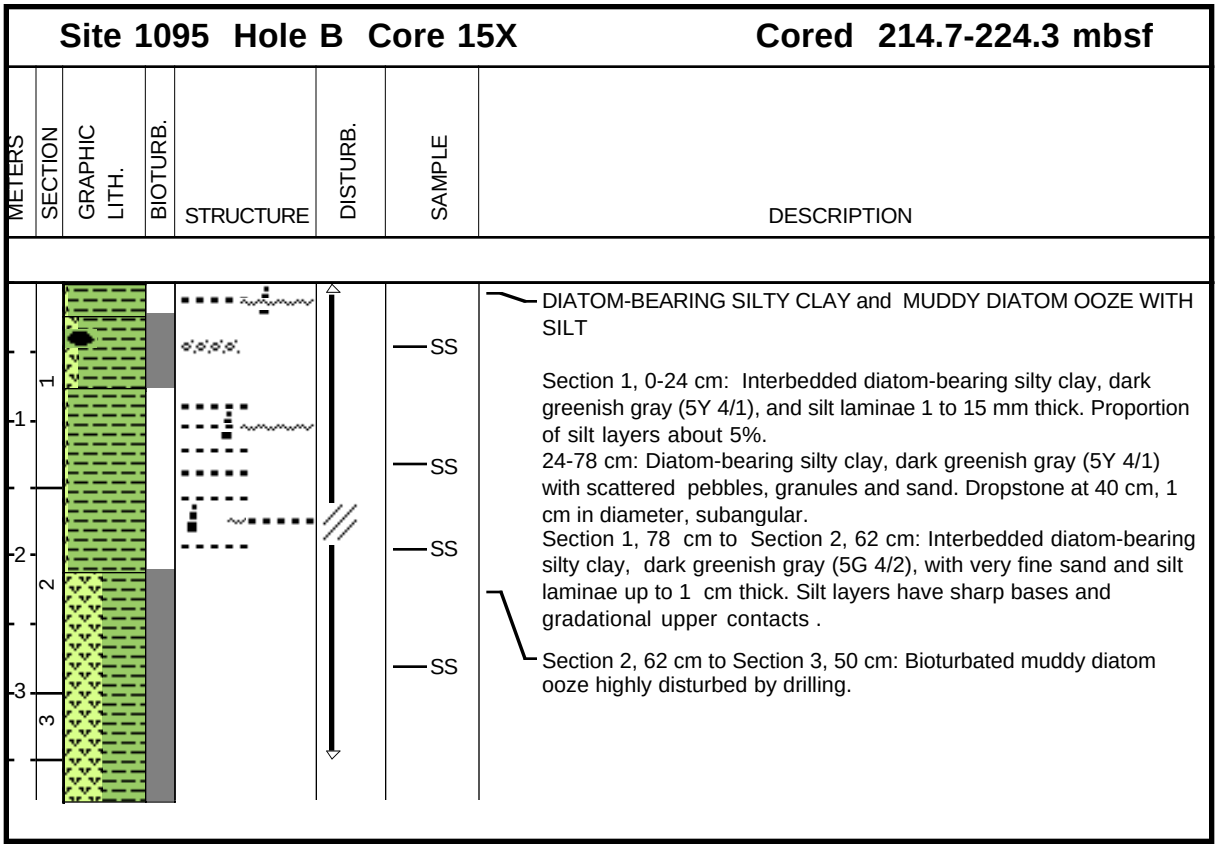
Core Image


Site 1095 Hole B Core 13H
Cored 197.0-205.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
3
4
5
6
SS
SS
SS
SS
SS
SS
DIATOM SILTY CLAY, DIATOM-BEARING SILTY CLAY, and DIATOM-BEARING CLAY with SILT
Section 1, 0-30 cm: Diatom silty clay, thin (mm) coarse silt layers, heavily disturbed by drilling.
Section 2, 0-150 cm: Gray (5Y 5/1) diatom silty clay with several coarser silt layers between 0.4 and 2 cm thick, sharp bases and sharp tops.
Section 3, 0-108 cm: Dark greenish gray (5GY 4/1) diatom-bearing clay, with some darker coarse silt/sand layers 0.22 to 2 cm thick with sharp bases and tops.
108-150 cm: Massive diatom-bearing silty clay. Color banded at base.
115 cm: Ice rafted pebble (amphibolite?, contains hornblende and chlorite) 3.5 cm in size.
Section 4, 0-105 cm: Gray (5Y 5/1) diatom-bearing clay with slightly darker silt layers 2-5 mm thick, that have a sharp contact at base and top.
105-150 cm: Structureless gray (5Y 5/1) diatom-bearing silty clay .
125 cm: Basaltic(?) ice rafted pebble.
Section 5, 0-35 cm: Bioturbated diatom-bearing silty clay with green (5G 5/1) silt beds.
35-60 cm: Partially bioturbated weakly laminated diatom-bearing silty clay with silt laminae, with pods of granules.
60-117 cm: Weakly laminated mottled diatom-bearing silty clay with silt beds.
90 cm: Scattered sand.
100 cm: Pebble 1 cm in size.
Section 6, 0-51 cm: Bioturbated diatom-bearing silty clay, mottled with silt wisps, likely remnants of silt laminae that have been burrowed. Intact silt laminae at 40 and 45 cm.

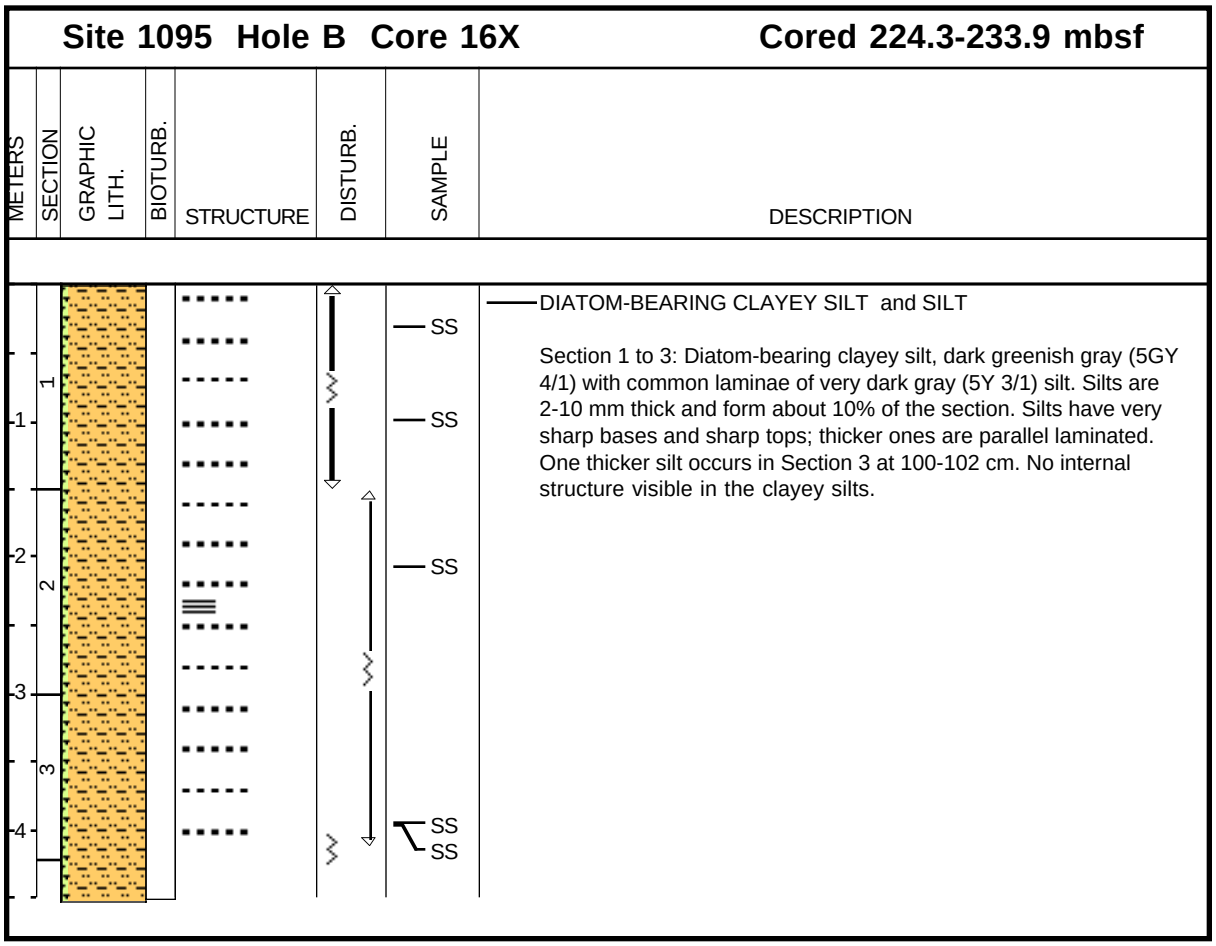
Core Image


Site 1095 Hole B Core 14X
Cored 205.0-214.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
3
4
-1
-2
-3
-4
-5
-6
SS
SS
SS
SS
SS
SS
DIATOM-BEARING SILTY CLAY and DIATOM-BEARING CLAY with SILT
Section 1, 0-57 cm: Diatom-bearing silty clay, grayish green (5Y 4/2). Uniform at the top and moderately burrowed at the bottom. Gradational transition to underlying unit.
Section 1, 57 cm to Section 4, 41 cm: Interbedded diatom-bearing silty clay to diatom-bearing clay, dark greenish gray (5GY 4/1), and silt laminae 1 to 15 mm thick, every 3 to 15 cm. Proportion of silt layers 5% (most frequently) to 8%. The silts contain spicules and diatoms, also frequent heavy minerals, including pyroxene.
The silt layers are lenticular, have erosional bases, ripples and grading.
Section 4, 41-140 cm: Diatom-bearing clay, grayish green (5Y 4/2). Very sticky and uniform. Gradational transition to overlying unit.
Pebble at 118 cm (probably basalt). 2x1.5x1 cm, very angular.

Core Image

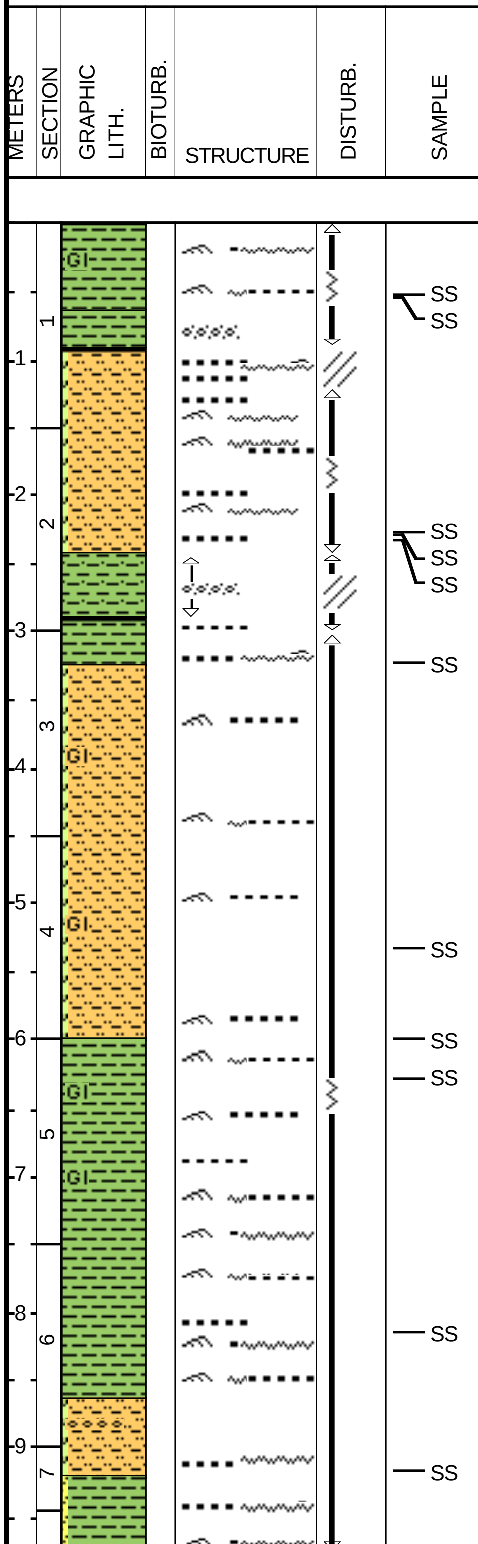

Site 1095 Hole B Core 15X
Cored 214.7-224.3 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
3
SS
SS
SS
SS
DIATOM-BEARING SILTY CLAY and MUDDY DIATOM OOZE WITH SILT
Section 1, 0-24 cm: Interbedded diatom-bearing silty clay, dark greenish gray (5Y 4/1), and silt laminae 1 to 15 mm thick. Proportion of silt layers about 5%.
24-78 cm: Diatom-bearing silty clay, dark greenish gray (5Y 4/1) with scattered pebbles, granules and sand. Dropstone at 40 cm, 1 cm in diameter, subangular.
Section 1, 78 cm to Section 2, 62 cm: Interbedded diatom-bearing silty clay, dark greenish gray (5G 4/2), with very fine sand and silt laminae up to 1 cm thick. Silt layers have sharp bases and gradational upper contacts .
Section 2, 62 cm to Section 3, 50 cm: Bioturbated muddy diatom ooze highly disturbed by drilling.

Core Image


Site 1095 Hole B Core 16X
Cored 224.3-233.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
3
SS
SS
SS
SS
SS
DIATOM-BEARING CLAYEY SILT and SILT
Section 1 to 3: Diatom-bearing clayey silt, dark greenish gray (5GY 4/1) with common laminae of very dark gray (5Y 3/1) silt. Silts are 2-10 mm thick and form about 10% of the section. Silts have very sharp bases and sharp tops; thicker ones are parallel laminated. One thicker silt occurs in Section 3 at 100-102 cm. No internal structure visible in the clayey silts.

Core Image

Site 1095 Hole B Core 17X Cored 233.9-243.5 mbsf



DESCRIPTION

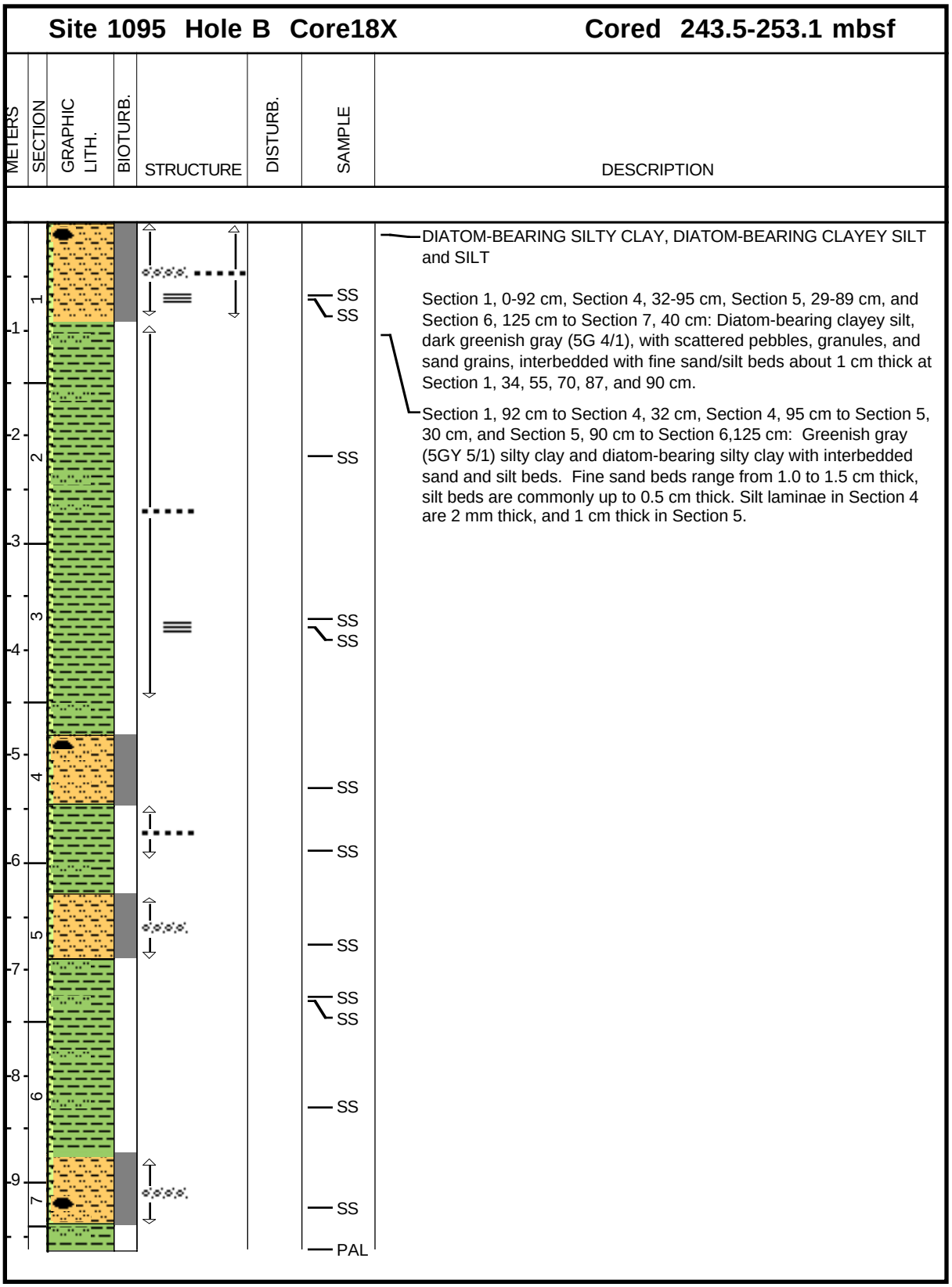
SILTY CLAY and DIATOM-BEARING CLAYEY SILT WITH SILT

Section 1, 0-64 cm, Section 2, 140 cm to Section 3, 26 cm, and Section 7, 0-20 cm: Interbedded silty clay, greenish gray (5GY 5/1) with sand and silt laminae, 3-5 mm thick. Silt laminae are >5% of the total section. The sand/silt laminae show erosional base and ripples or parallel lamination. The top contact is also sharp. Aggregates of glauconite are abundant. Diatoms are present.

Section 1, 64-92 cm, and Section 2, 92-140 cm: Massive to faintly laminated diatom-bearing clayey silt and silty clay and clay, dark greenish gray (5G 4/1). Scattered sand grains thoughout.

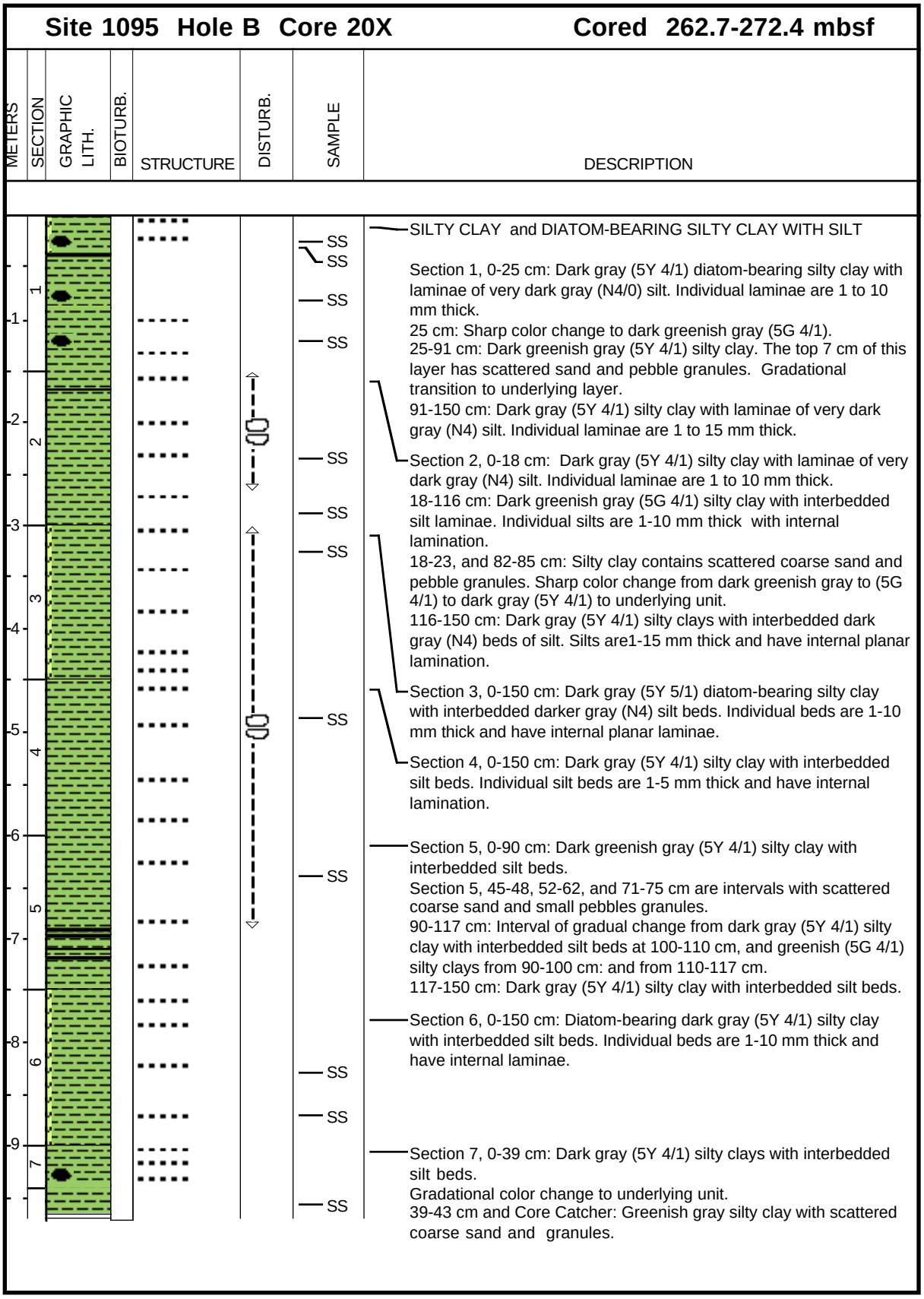
Section 1, 92 cm to Section 2, 92 cm, Section 3, 26 cm to Section 6, 113 cm, and Section 7 0-20 cm: Interbedded diatom-bearing clayey silt to silty clay, dark greenish gray (5G 4/1), and sand to silt laminae, 2-5 mm thick and >5% of the total section. The sandy laminae show erosional base and ripples or parallel lamination. The top contact is also sharp.

Core Image

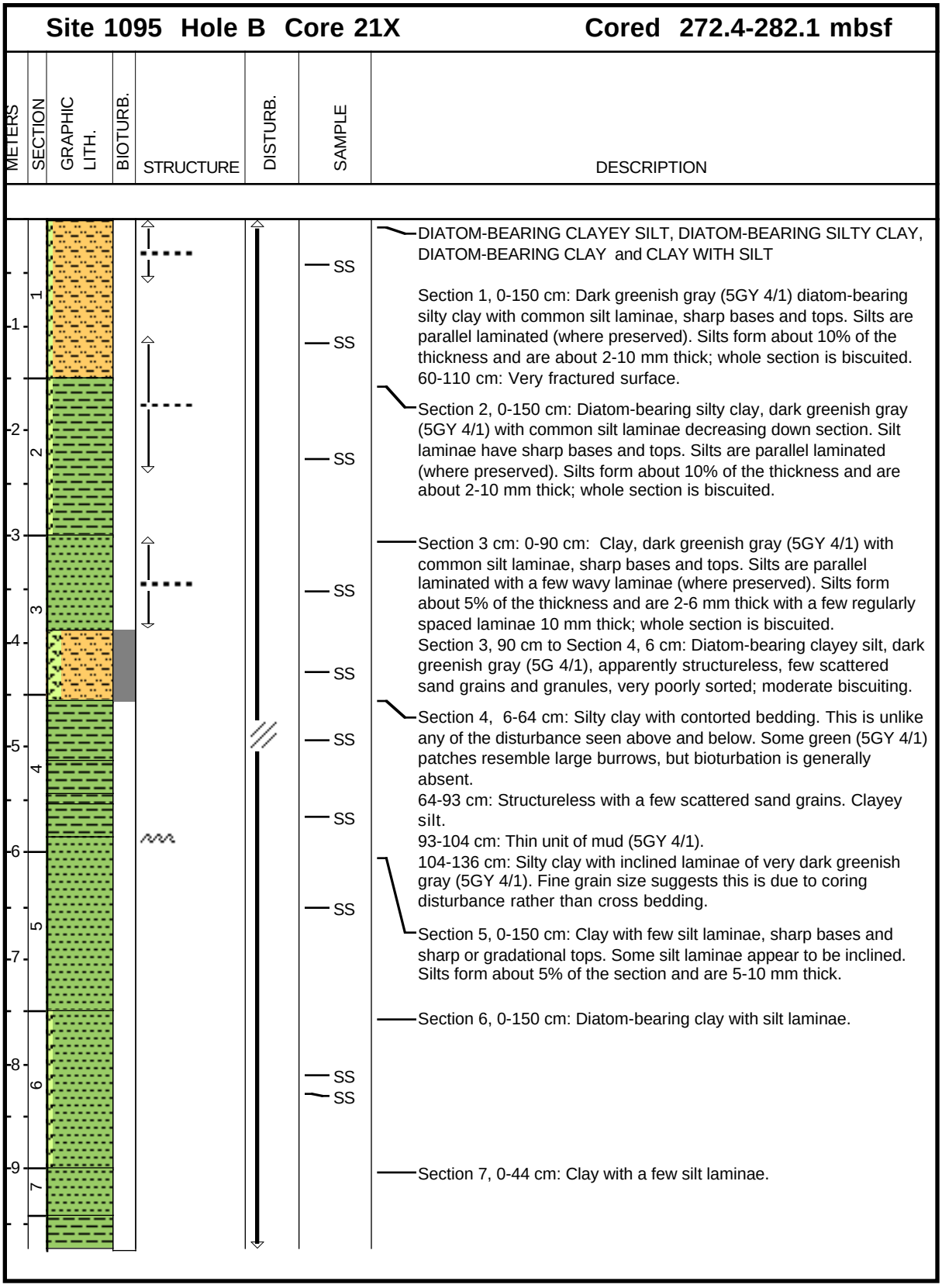


1095B-19X NO RECOVERY

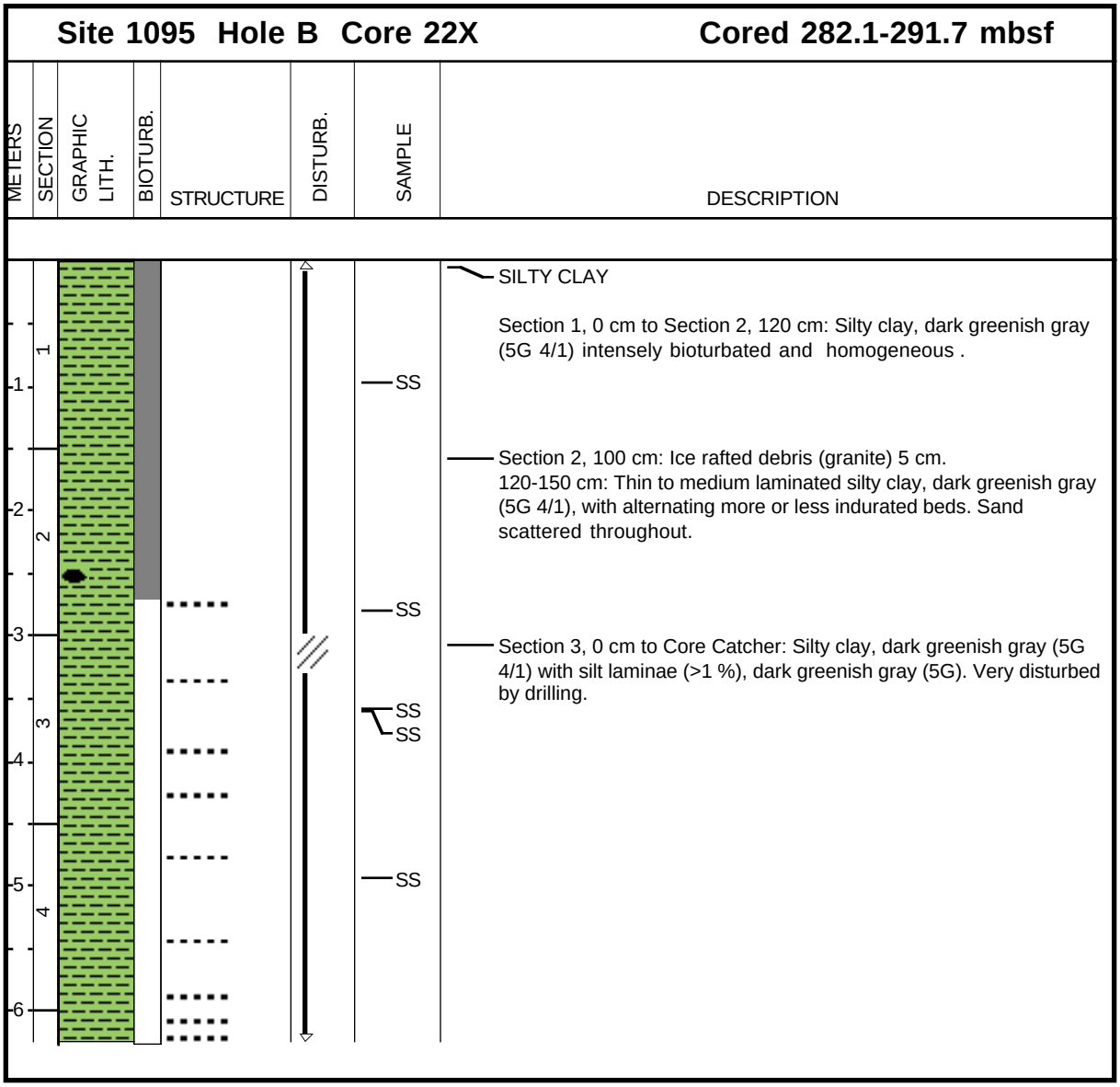
Core Image


Site 1095 Hole B Core 20X
Cored 262.7-272.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SILTY CLAY and DIATOM-BEARING SILTY CLAY WITH SILT
Section 1, 0-25 cm: Dark gray (5Y 4/1) diatom-bearing silty clay with laminae of very dark gray (N4/0) silt. Individual laminae are 1 to 10 mm thick.
25 cm: Sharp color change to dark greenish gray (5G 4/1).
25-91 cm: Dark greenish gray (5Y 4/1) silty clay. The top 7 cm of this layer has scattered sand and pebble granules. Gradational transition to underlying layer.
91-150 cm: Dark gray (5Y 4/1) silty clay with laminae of very dark gray (N4) silt. Individual laminae are 1 to 15 mm thick.
Section 2, 0-18 cm: Dark gray (5Y 4/1) silty clay with laminae of very dark gray (N4) silt. Individual laminae are 1 to 10 mm thick.
18-116 cm: Dark greenish gray (5G 4/1) silty clay with interbedded silt laminae. Individual silts are 1-10 mm thick with internal lamination.
18-23, and 82-85 cm: Silty clay contains scattered coarse sand and pebble granules. Sharp color change from dark greenish gray to (5G 4/1) to dark gray (5Y 4/1) to underlying unit.
116-150 cm: Dark gray (5Y 4/1) silty clays with interbedded dark gray (N4) beds of silt. Silts are1-15 mm thick and have internal planar lamination.
Section 3, 0-150 cm: Dark gray (5Y 5/1) diatom-bearing silty clay with interbedded darker gray (N4) silt beds. Individual beds are 1-10 mm thick and have internal planar laminae.
Section 4, 0-150 cm: Dark gray (5Y 4/1) silty clay with interbedded silt beds. Individual silt beds are 1-5 mm thick and have internal lamination.
Section 5, 0-90 cm: Dark greenish gray (5Y 4/1) silty clay with interbedded silt beds.
Section 5, 45-48, 52-62, and 71-75 cm are intervals with scattered coarse sand and small pebbles granules.
90-117 cm: Interval of gradual change from dark gray (5Y 4/1) silty clay with interbedded silt beds at 100-110 cm, and greenish (5G 4/1) silty clays from 90-100 cm: and from 110-117 cm.
117-150 cm: Dark gray (5Y 4/1) silty clay with interbedded silt beds.
Section 6, 0-150 cm: Diatom-bearing dark gray (5Y 4/1) silty clay with interbedded silt beds. Individual beds are 1-10 mm thick and have internal laminae.
Section 7, 0-39 cm: Dark gray (5Y 4/1) silty clays with interbedded silt beds.
Gradational color change to underlying unit.
39-43 cm and Core Catcher: Greenish gray silty clay with scattered coarse sand and granules.

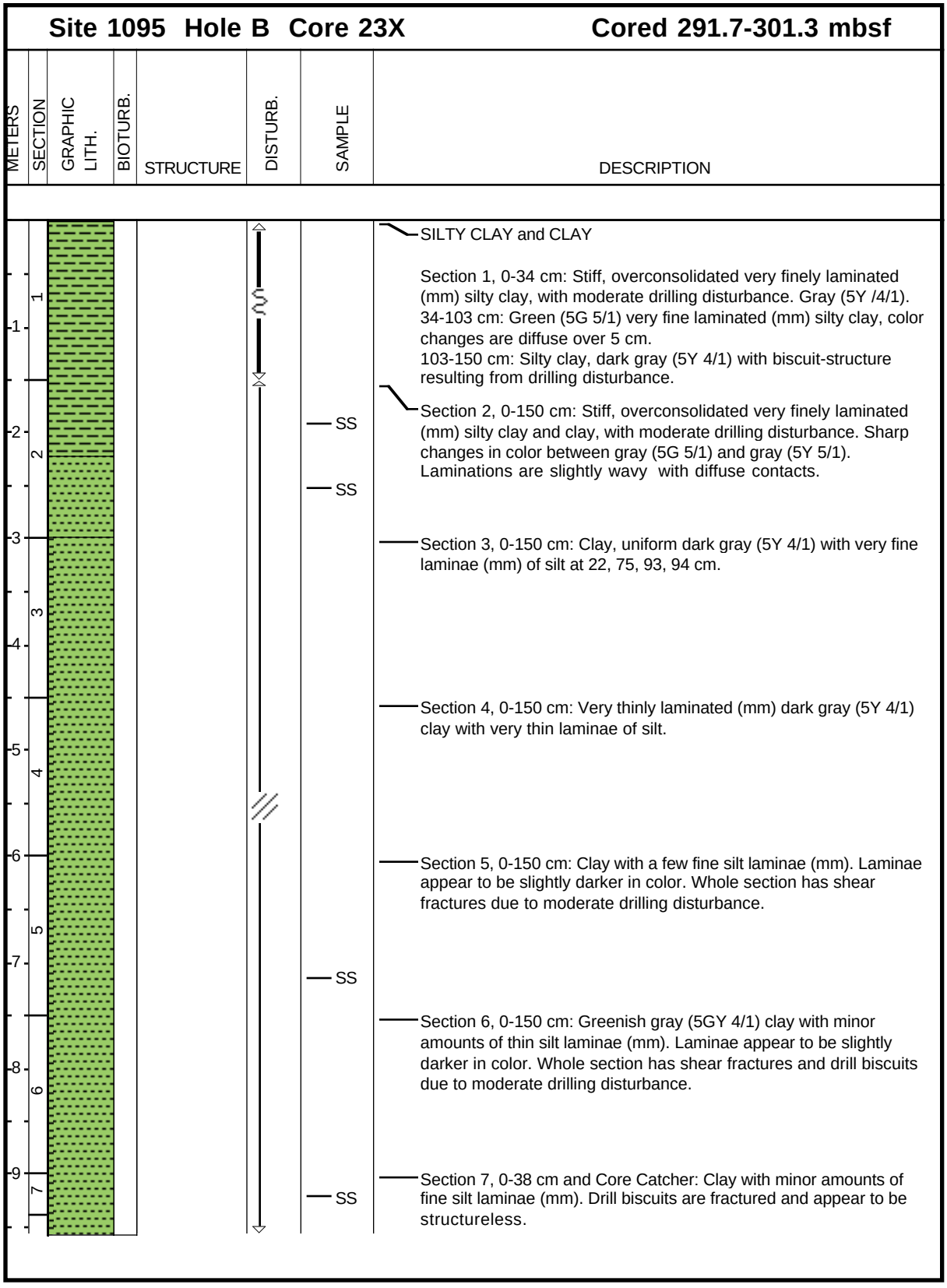
Core Image


Site 1095 Hole B Core 21X
Cored 272.4-282.1 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
DIATOM-BEARING CLAYEY SILT, DIATOM-BEARING SILTY CLAY, DIATOM-BEARING CLAY and CLAY WITH SILT
Section 1, 0-150 cm: Dark greenish gray (5GY 4/1) diatom-bearing silty clay with common silt laminae, sharp bases and tops. Silts are parallel laminated (where preserved). Silts form about 10% of the thickness and are about 2-10 mm thick; whole section is biscuited.
60-110 cm: Very fractured surface.
Section 2, 0-150 cm: Diatom-bearing silty clay, dark greenish gray (5GY 4/1) with common silt laminae decreasing down section. Silt laminae have sharp bases and tops. Silts are parallel laminated (where preserved). Silts form about 10% of the thickness and are about 2-10 mm thick; whole section is biscuited.
Section 3 cm: 0-90 cm: Clay, dark greenish gray (5GY 4/1) with common silt laminae, sharp bases and tops. Silts are parallel laminated with a few wavy laminae (where preserved). Silts form about 5% of the thickness and are 2-6 mm thick with a few regularly spaced laminae 10 mm thick; whole section is biscuited.
Section 3, 90 cm to Section 4, 6 cm: Diatom-bearing clayey silt, dark greenish gray (5G 4/1), apparently structureless, few scattered sand grains and granules, very poorly sorted; moderate biscuiting.
Section 4, 6-64 cm: Silty clay with contorted bedding. This is unlike any of the disturbance seen above and below. Some green (5GY 4/1) patches resemble large burrows, but bioturbation is generally absent.
64-93 cm: Structureless with a few scattered sand grains. Clayey silt.
93-104 cm: Thin unit of mud (5GY 4/1).
104-136 cm: Silty clay with inclined laminae of very dark greenish gray (5GY 4/1). Fine grain size suggests this is due to coring disturbance rather than cross bedding.
Section 5, 0-150 cm: Clay with few silt laminae, sharp bases and sharp or gradational tops. Some silt laminae appear to be inclined. Silts form about 5% of the section and are 5-10 mm thick.
Section 6, 0-150 cm: Diatom-bearing clay with silt laminae.
Section 7, 0-44 cm: Clay with a few silt laminae.

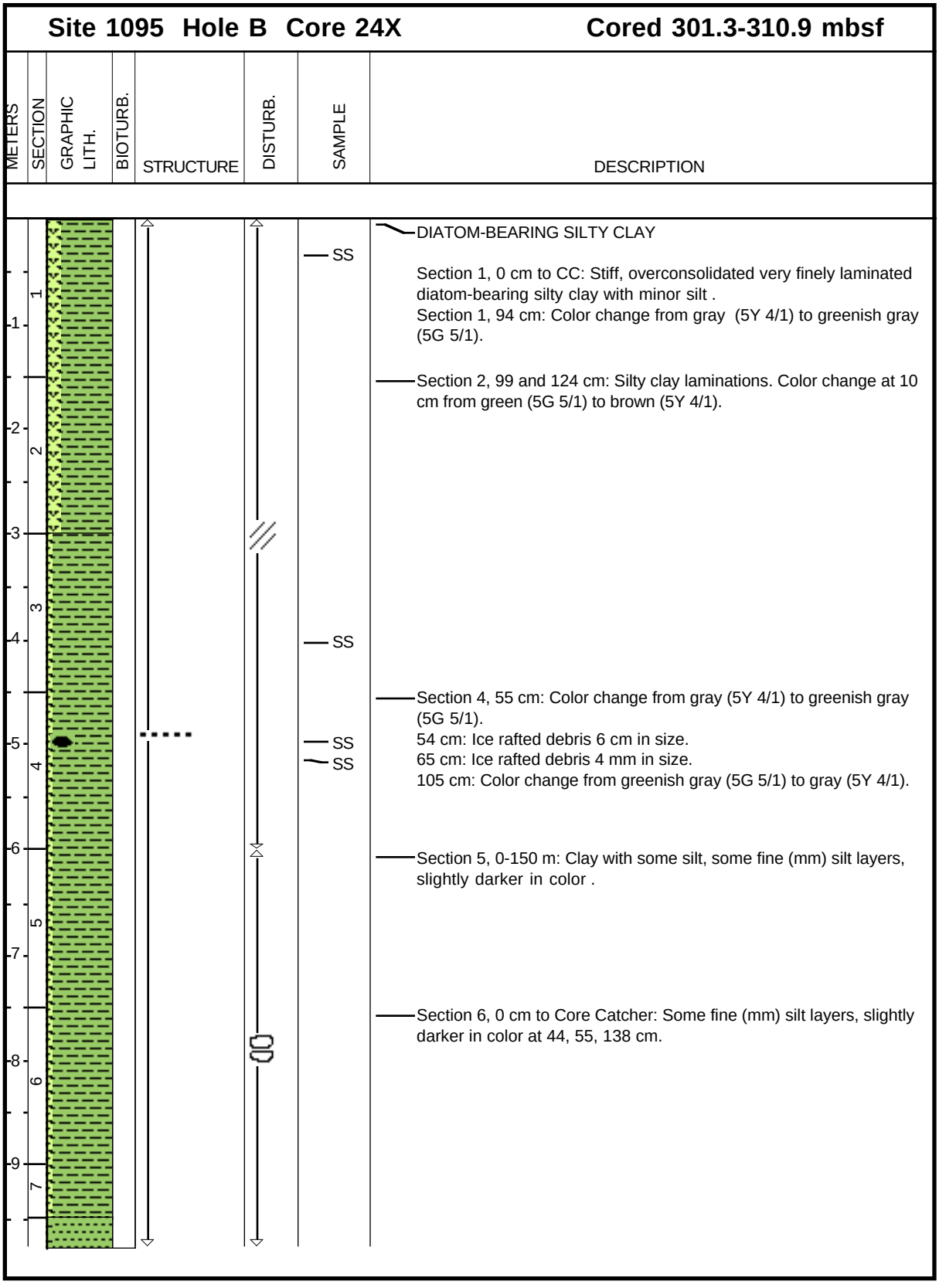
Core Image


Site 1095 Hole B Core 22X
Cored 282.1-291.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
3
4
SS
SS
SS
SS
SILTY CLAY
Section 1, 0 cm to Section 2, 120 cm: Silty clay, dark greenish gray (5G 4/1) intensely bioturbated and homogeneous .
Section 2, 100 cm: Ice rafted debris (granite) 5 cm.
120-150 cm: Thin to medium laminated silty clay, dark greenish gray (5G 4/1), with alternating more or less indurated beds. Sand scattered throughout.
Section 3, 0 cm to Core Catcher: Silty clay, dark greenish gray (5G 4/1) with silt laminae (>1 %), dark greenish gray (5G). Very disturbed by drilling.

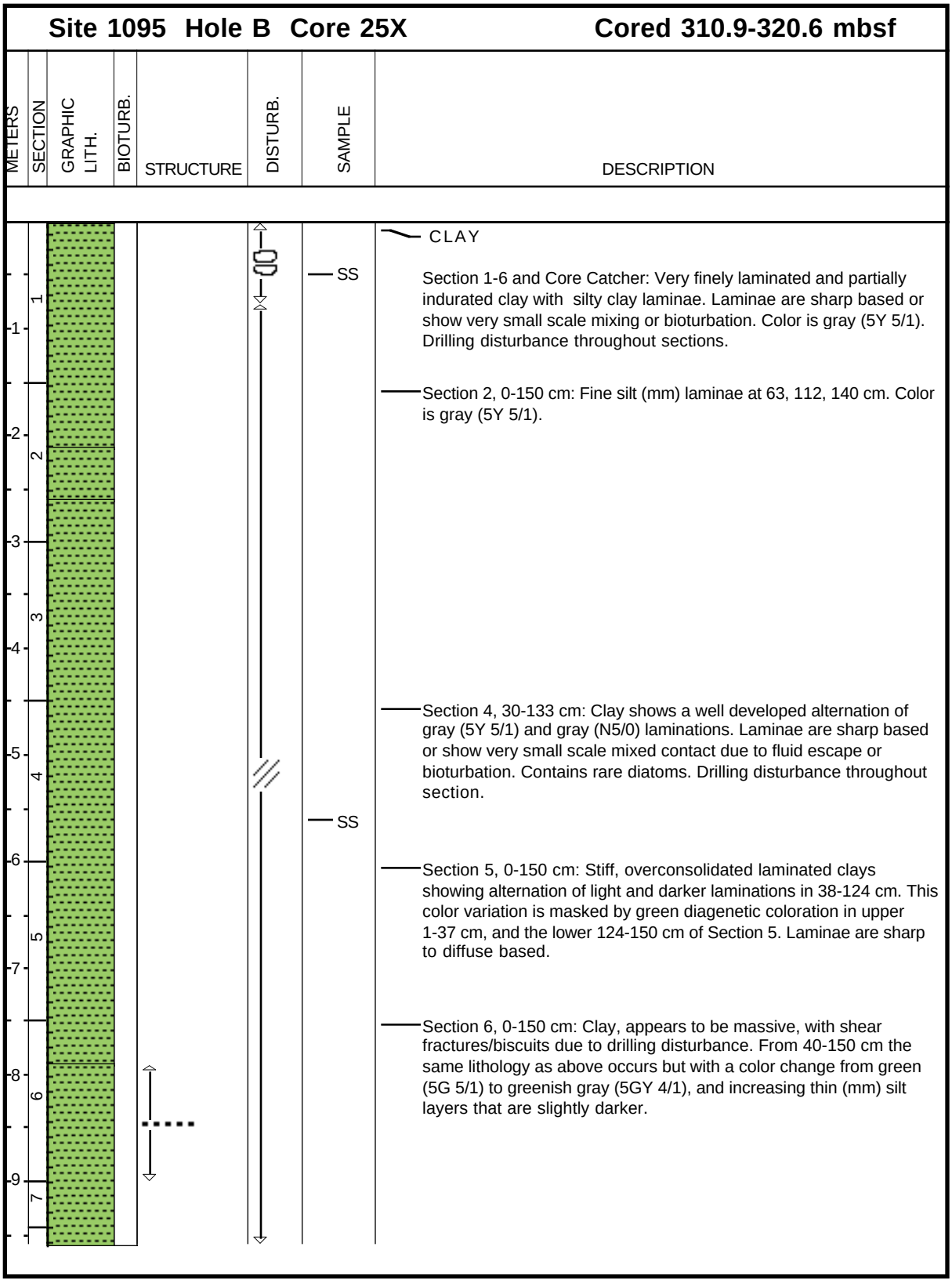
Core Image


Site 1095 Hole B Core 23X Cored 291.7-301.3 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SILTY CLAY and CLAY
Section 1, 0-34 cm: Stiff, overconsolidated very finely laminated (mm) silty clay, with moderate drilling disturbance. Gray (5Y /4/1).
34-103 cm: Green (5G 5/1) very fine laminated (mm) silty clay, color changes are diffuse over 5 cm.
103-150 cm: Silty clay, dark gray (5Y 4/1) with biscuit-structure resulting from drilling disturbance.
Section 2, 0-150 cm: Stiff, overconsolidated very finely laminated (mm) silty clay and clay, with moderate drilling disturbance. Sharp changes in color between gray (5G 5/1) and gray (5Y 5/1). Laminations are slightly wavy with diffuse contacts.
SS
SS
Section 3, 0-150 cm: Clay, uniform dark gray (5Y 4/1) with very fine laminae (mm) of silt at 22, 75, 93, 94 cm.
Section 4, 0-150 cm: Very thinly laminated (mm) dark gray (5Y 4/1) clay with very thin laminae of silt.
Section 5, 0-150 cm: Clay with a few fine silt laminae (mm). Laminae appear to be slightly darker in color. Whole section has shear fractures due to moderate drilling disturbance.
SS
Section 6, 0-150 cm: Greenish gray (5GY 4/1) clay with minor amounts of thin silt laminae (mm). Laminae appear to be slightly darker in color. Whole section has shear fractures and drill biscuits due to moderate drilling disturbance.
Section 7, 0-38 cm and Core Catcher: Clay with minor amounts of fine silt laminae (mm). Drill biscuits are fractured and appear to be structureless.
SS

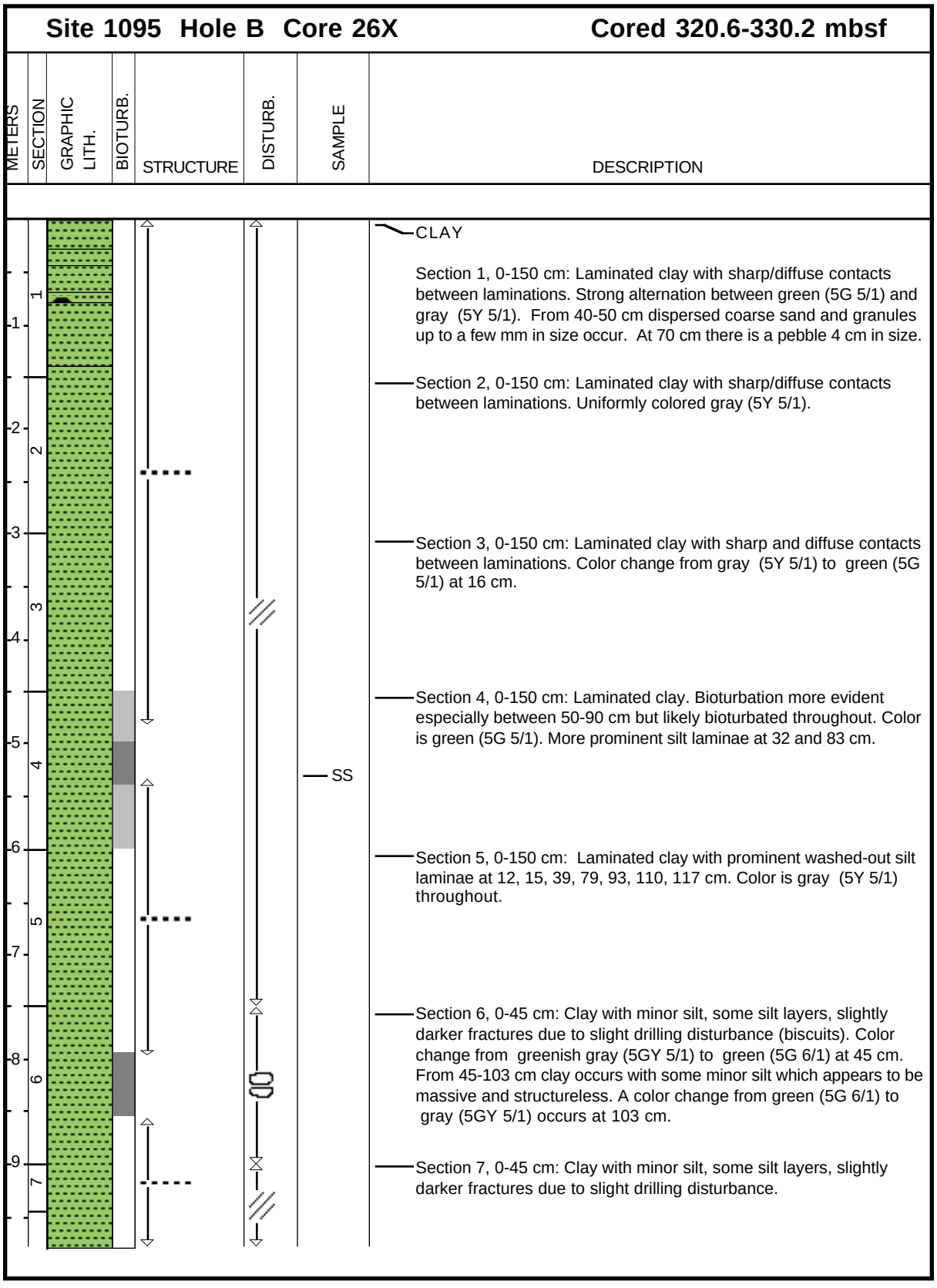
Core Image


Site 1095 Hole B Core 24X
Cored 301.3-310.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
DIATOM-BEARING SILTY CLAY
SS
Section 1, 0 cm to CC: Stiff, overconsolidated very finely laminated diatom-bearing silty clay with minor silt .
Section 1, 94 cm: Color change from gray (5Y 4/1) to greenish gray (5G 5/1).
Section 2, 99 and 124 cm: Silty clay laminations. Color change at 10 cm from green (5G 5/1) to brown (5Y 4/1).
SS
Section 4, 55 cm: Color change from gray (5Y 4/1) to greenish gray (5G 5/1).
54 cm: Ice rafted debris 6 cm in size.
65 cm: Ice rafted debris 4 mm in size.
105 cm: Color change from greenish gray (5G 5/1) to gray (5Y 4/1).
SS
SS
Section 5, 0-150 m: Clay with some silt, some fine (mm) silt layers, slightly darker in color .
Section 6, 0 cm to Core Catcher: Some fine (mm) silt layers, slightly darker in color at 44, 55, 138 cm.

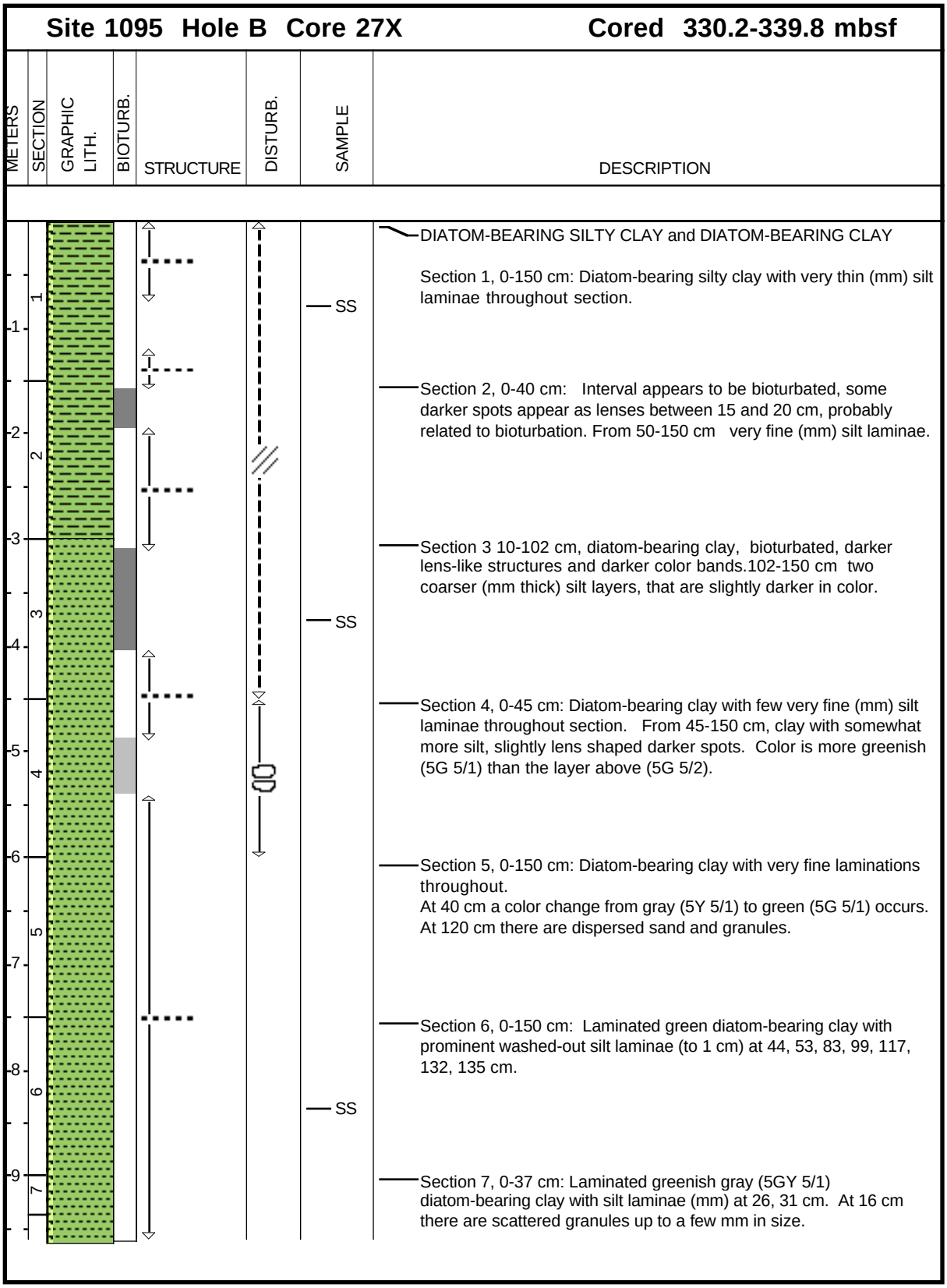
Core Image


Site 1095 Hole B Core 25X
Cored 310.9-320.6 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
CLAY
SS
SS
Section 1-6 and Core Catcher: Very finely laminated and partially indurated clay with silty clay laminae. Laminae are sharp based or show very small scale mixing or bioturbation. Color is gray (5Y 5/1). Drilling disturbance throughout sections.
Section 2, 0-150 cm: Fine silt (mm) laminae at 63, 112, 140 cm. Color is gray (5Y 5/1).
Section 4, 30-133 cm: Clay shows a well developed alternation of gray (5Y 5/1) and gray (N5/0) laminations. Laminae are sharp based or show very small scale mixed contact due to fluid escape or bioturbation. Contains rare diatoms. Drilling disturbance throughout section.
Section 5, 0-150 cm: Stiff, overconsolidated laminated clays showing alternation of light and darker laminations in 38-124 cm. This color variation is masked by green diagenetic coloration in upper 1-37 cm, and the lower 124-150 cm of Section 5. Laminae are sharp to diffuse based.
Section 6, 0-150 cm: Clay, appears to be massive, with shear fractures/biscuits due to drilling disturbance. From 40-150 cm the same lithology as above occurs but with a color change from green (5G 5/1) to greenish gray (5GY 4/1), and increasing thin (mm) silt layers that are slightly darker.

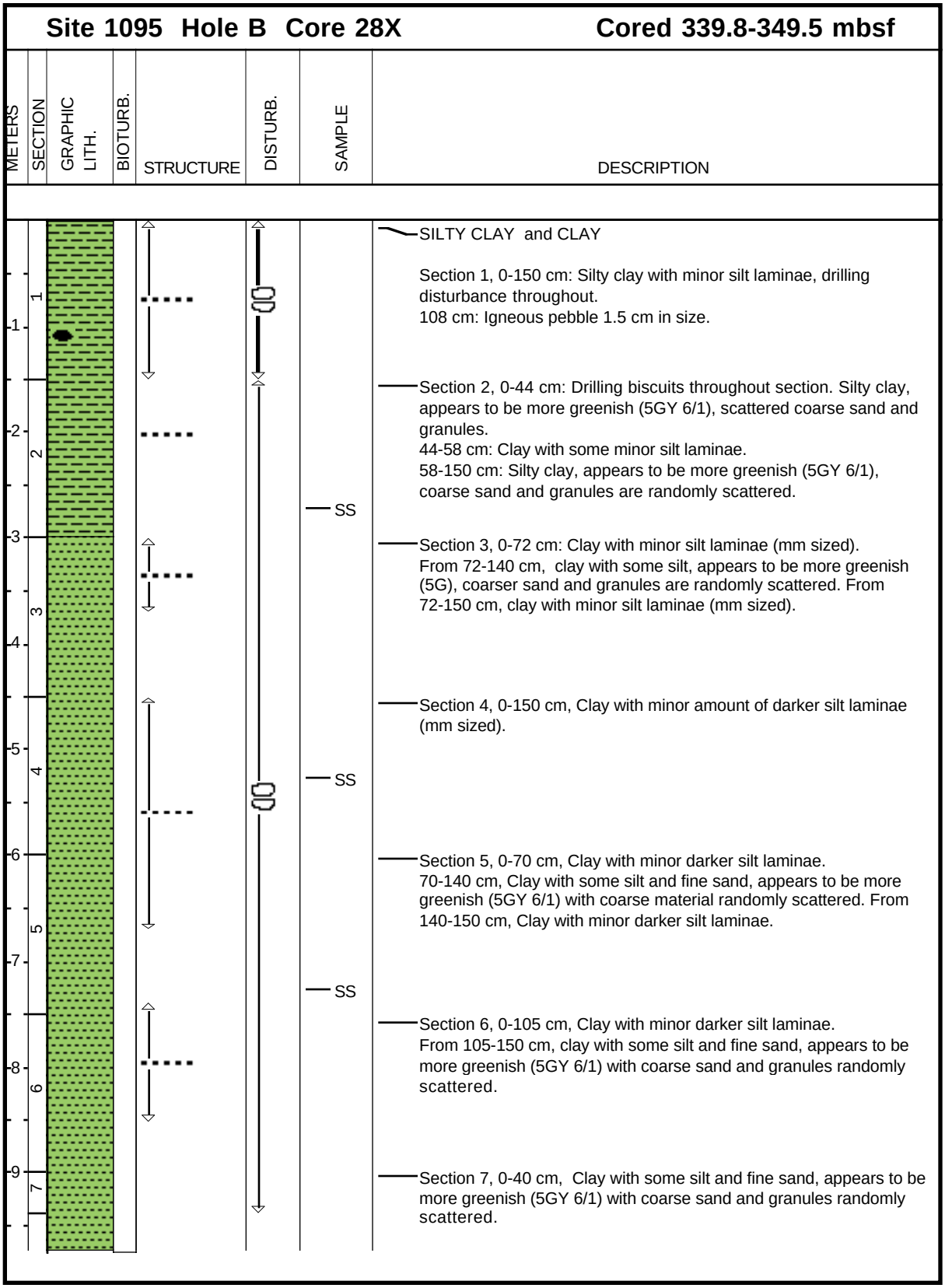
Core Image


Site 1095 Hole B Core 26X
Cored 320.6-330.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
CLAY
Section 1, 0-150 cm: Laminated clay with sharp/diffuse contacts between laminations. Strong alternation between green (5G 5/1) and gray (5Y 5/1). From 40-50 cm dispersed coarse sand and granules up to a few mm in size occur. At 70 cm there is a pebble 4 cm in size.
Section 2, 0-150 cm: Laminated clay with sharp/diffuse contacts between laminations. Uniformly colored gray (5Y 5/1).
Section 3, 0-150 cm: Laminated clay with sharp and diffuse contacts between laminations. Color change from gray (5Y 5/1) to green (5G 5/1) at 16 cm.
Section 4, 0-150 cm: Laminated clay. Bioturbation more evident especially between 50-90 cm but likely bioturbated throughout. Color is green (5G 5/1). More prominent silt laminae at 32 and 83 cm.
Section 5, 0-150 cm: Laminated clay with prominent washed-out silt laminae at 12, 15, 39, 79, 93, 110, 117 cm. Color is gray (5Y 5/1) throughout.
Section 6, 0-45 cm: Clay with minor silt, some silt layers, slightly darker fractures due to slight drilling disturbance (biscuits). Color change from greenish gray (5GY 5/1) to green (5G 6/1) at 45 cm. From 45-103 cm clay occurs with some minor silt which appears to be massive and structureless. A color change from green (5G 6/1) to gray (5GY 5/1) occurs at 103 cm.
Section 7, 0-45 cm: Clay with minor silt, some silt layers, slightly darker fractures due to slight drilling disturbance.

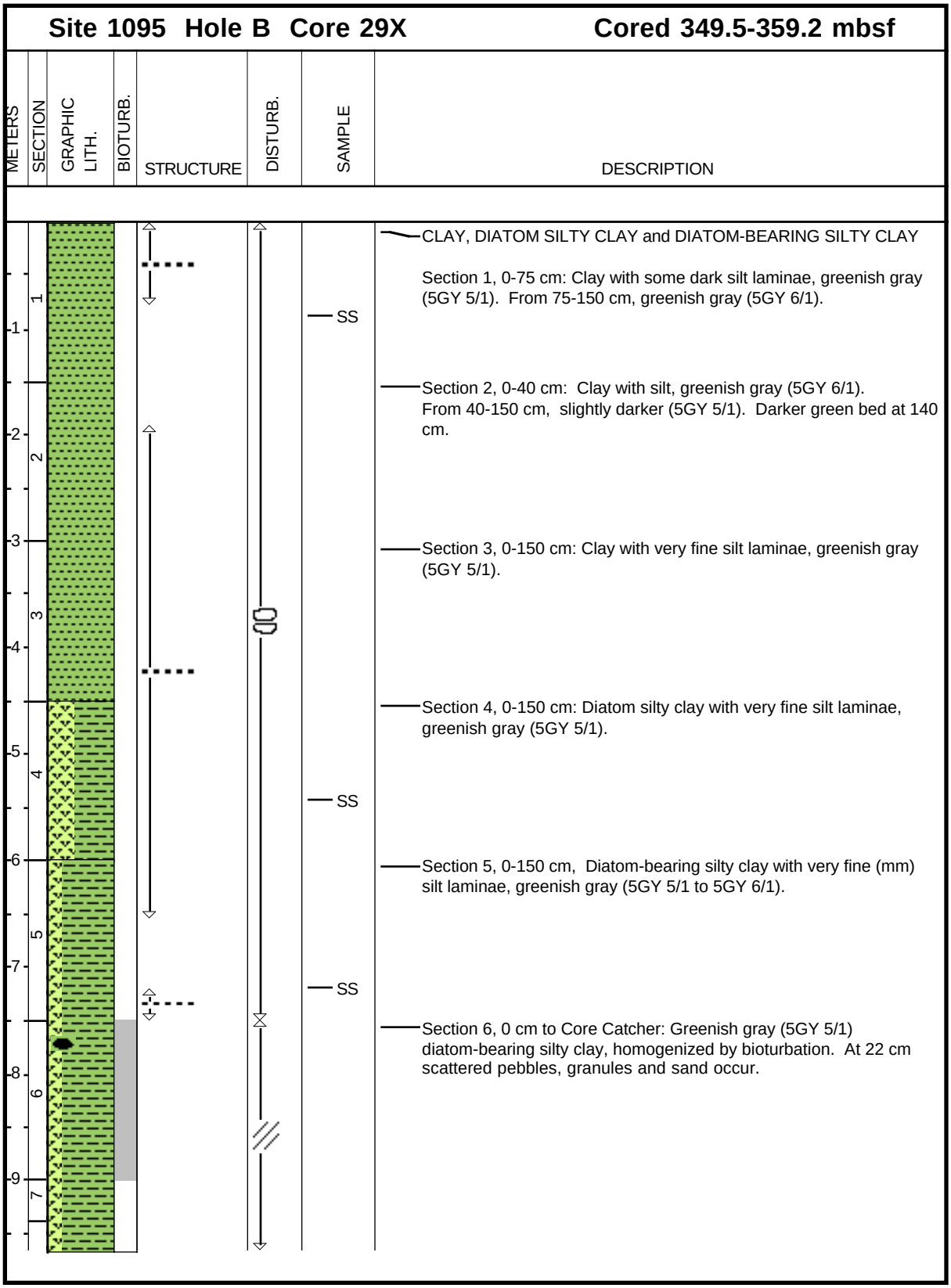
Core Image


Site 1095 Hole B Core 27X
Cored 330.2-339.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SS
SS
DIATOM-BEARING SILTY CLAY and DIATOM-BEARING CLAY
Section 1, 0-150 cm: Diatom-bearing silty clay with very thin (mm) silt laminae throughout section.
Section 2, 0-40 cm: Interval appears to be bioturbated, some darker spots appear as lenses between 15 and 20 cm, probably related to bioturbation. From 50-150 cm very fine (mm) silt laminae.
Section 3 10-102 cm, diatom-bearing clay, bioturbated, darker lens-like structures and darker color bands.102-150 cm two coarser (mm thick) silt layers, that are slightly darker in color.
Section 4, 0-45 cm: Diatom-bearing clay with few very fine (mm) silt laminae throughout section. From 45-150 cm, clay with somewhat more silt, slightly lens shaped darker spots. Color is more greenish (5G 5/1) than the layer above (5G 5/2).
Section 5, 0-150 cm: Diatom-bearing clay with very fine laminations throughout.
At 40 cm a color change from gray (5Y 5/1) to green (5G 5/1) occurs.
At 120 cm there are dispersed sand and granules.
Section 6, 0-150 cm: Laminated green diatom-bearing clay with prominent washed-out silt laminae (to 1 cm) at 44, 53, 83, 99, 117, 132, 135 cm.
Section 7, 0-37 cm: Laminated greenish gray (5GY 5/1) diatom-bearing clay with silt laminae (mm) at 26, 31 cm. At 16 cm there are scattered granules up to a few mm in size.

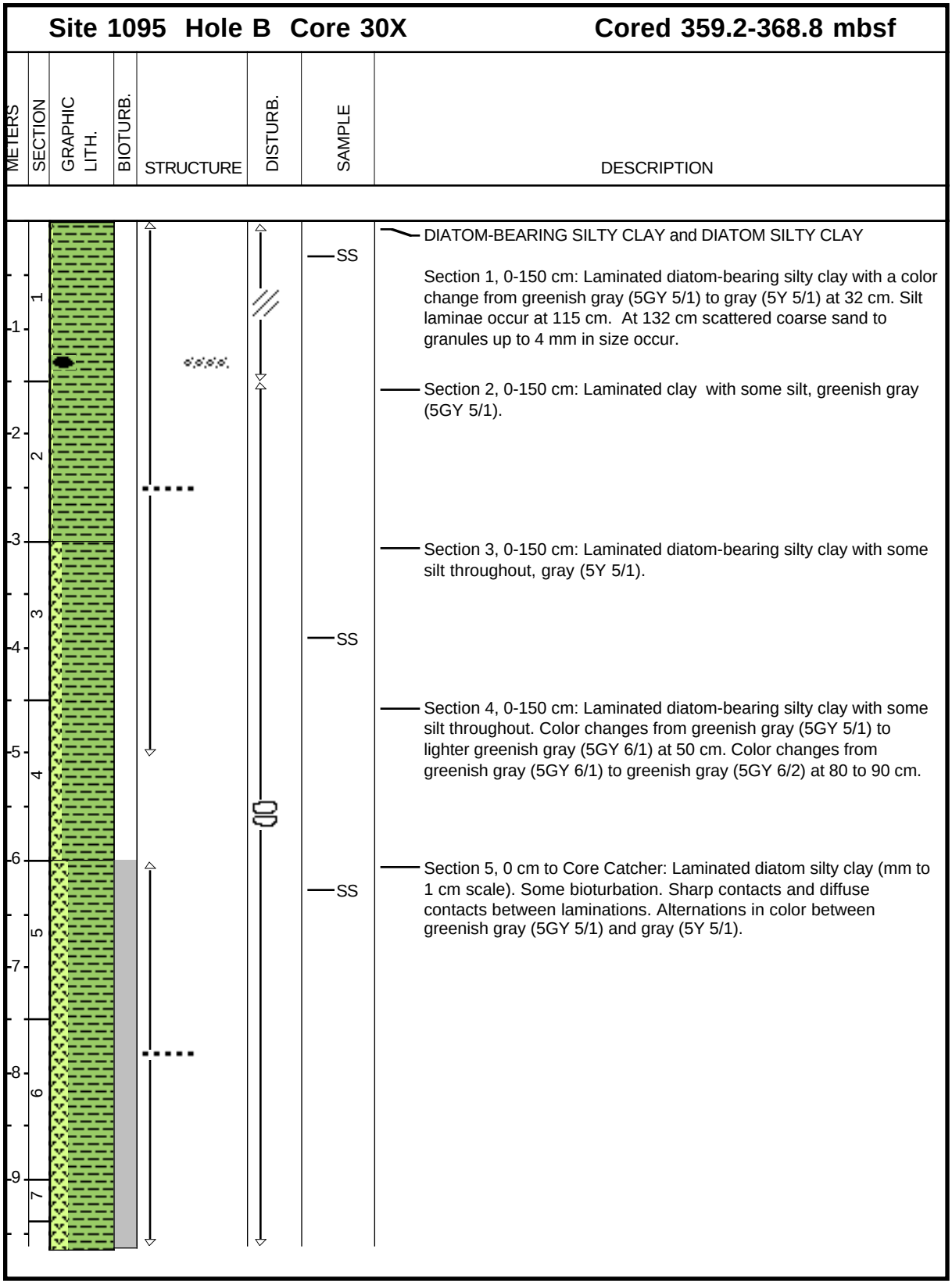
Core Image


Site 1095 Hole B Core 28X Cored 339.8-349.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SILTY CLAY and CLAY
Section 1, 0-150 cm: Silty clay with minor silt laminae, drilling disturbance throughout.
108 cm: Igneous pebble 1.5 cm in size.
Section 2, 0-44 cm: Drilling biscuits throughout section. Silty clay, appears to be more greenish (5GY 6/1), scattered coarse sand and granules.
44-58 cm: Clay with some minor silt laminae.
58-150 cm: Silty clay, appears to be more greenish (5GY 6/1), coarse sand and granules are randomly scattered.
SS
Section 3, 0-72 cm: Clay with minor silt laminae (mm sized).
From 72-140 cm, clay with some silt, appears to be more greenish (5G), coarser sand and granules are randomly scattered. From 72-150 cm, clay with minor silt laminae (mm sized).
Section 4, 0-150 cm, Clay with minor amount of darker silt laminae (mm sized).
SS
Section 5, 0-70 cm, Clay with minor darker silt laminae.
70-140 cm, Clay with some silt and fine sand, appears to be more greenish (5GY 6/1) with coarse material randomly scattered. From 140-150 cm, Clay with minor darker silt laminae.
SS
Section 6, 0-105 cm, Clay with minor darker silt laminae.
From 105-150 cm, clay with some silt and fine sand, appears to be more greenish (5GY 6/1) with coarse sand and granules randomly scattered.
Section 7, 0-40 cm, Clay with some silt and fine sand, appears to be more greenish (5GY 6/1) with coarse sand and granules randomly scattered.

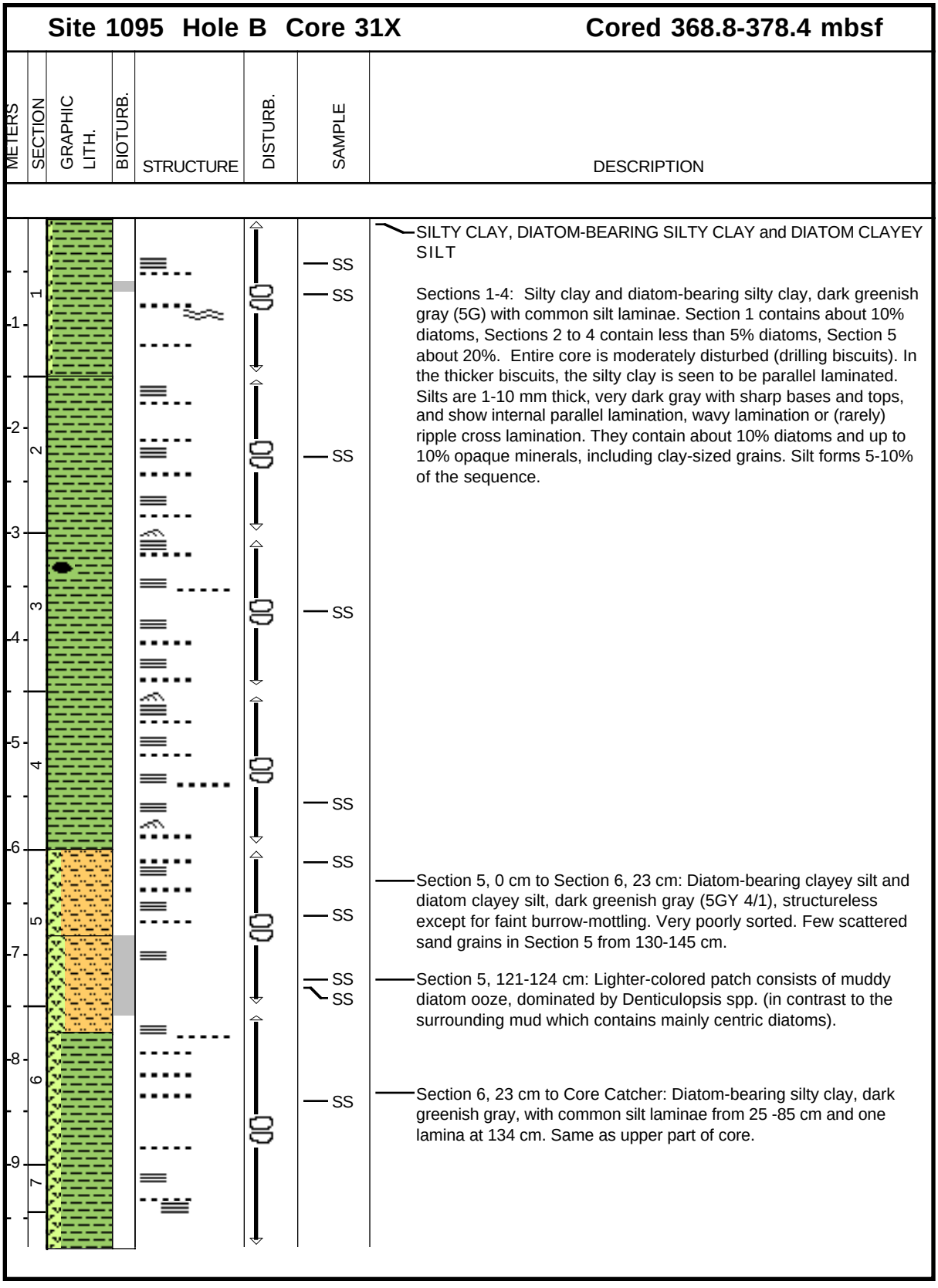
Core Image


Site 1095 Hole B Core 29X
Cored 349.5-359.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SS
SS
CLAY, DIATOM SILTY CLAY and DIATOM-BEARING SILTY CLAY
Section 1, 0-75 cm: Clay with some dark silt laminae, greenish gray (5GY 5/1). From 75-150 cm, greenish gray (5GY 6/1).
Section 2, 0-40 cm: Clay with silt, greenish gray (5GY 6/1). From 40-150 cm, slightly darker (5GY 5/1). Darker green bed at 140 cm.
Section 3, 0-150 cm: Clay with very fine silt laminae, greenish gray (5GY 5/1).
Section 4, 0-150 cm: Diatom silty clay with very fine silt laminae, greenish gray (5GY 5/1).
Section 5, 0-150 cm, Diatom-bearing silty clay with very fine (mm) silt laminae, greenish gray (5GY 5/1 to 5GY 6/1).
Section 6, 0 cm to Core Catcher: Greenish gray (5GY 5/1) diatom-bearing silty clay, homogenized by bioturbation. At 22 cm scattered pebbles, granules and sand occur.

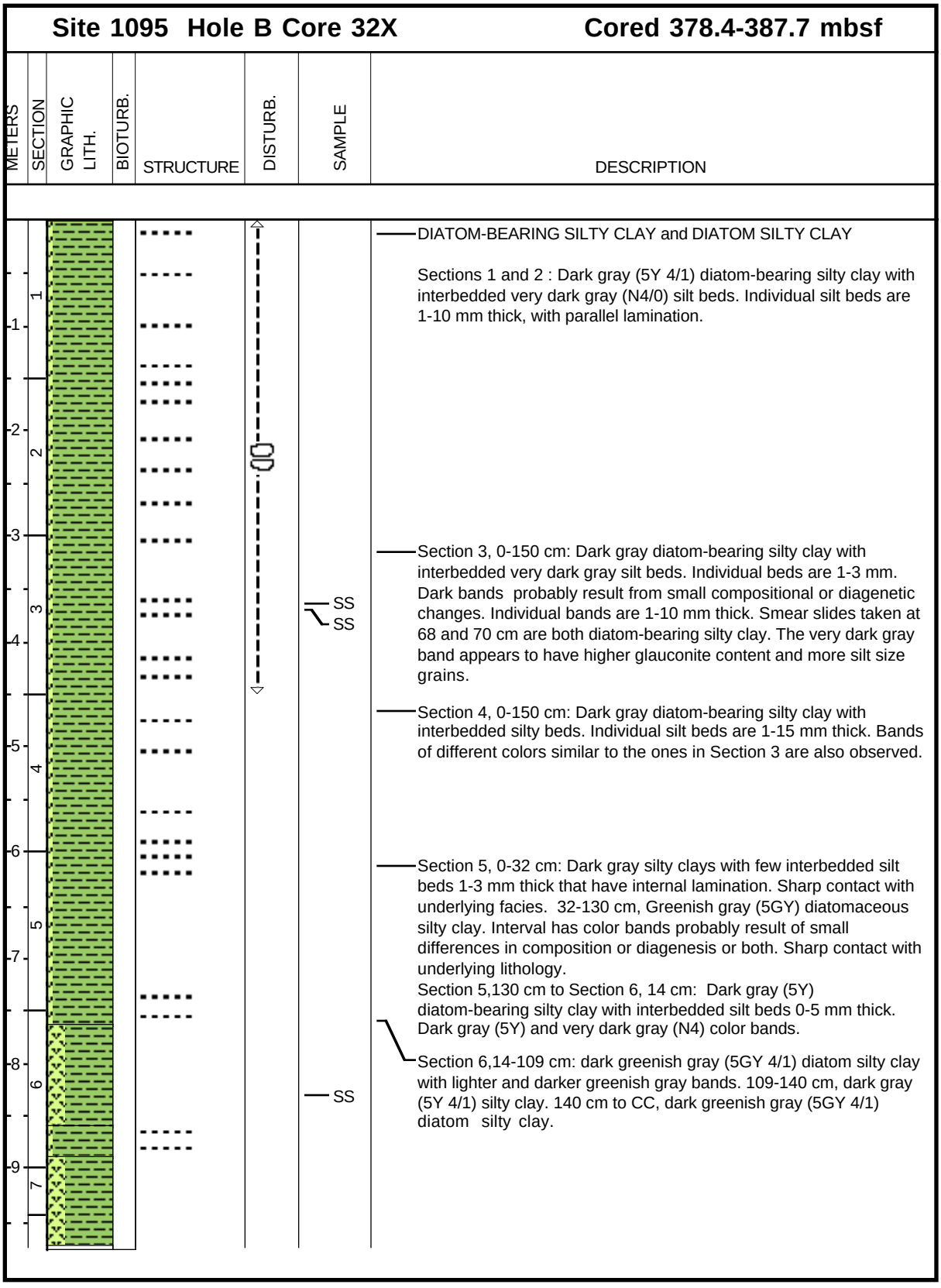
Core Image


Site 1095 Hole B Core 30X
Cored 359.2-368.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SS
SS
DIATOM-BEARING SILTY CLAY and DIATOM SILTY CLAY
Section 1, 0-150 cm: Laminated diatom-bearing silty clay with a color change from greenish gray (5GY 5/1) to gray (5Y 5/1) at 32 cm. Silt laminae occur at 115 cm. At 132 cm scattered coarse sand to granules up to 4 mm in size occur.
Section 2, 0-150 cm: Laminated clay with some silt, greenish gray (5GY 5/1).
Section 3, 0-150 cm: Laminated diatom-bearing silty clay with some silt throughout, gray (5Y 5/1).
Section 4, 0-150 cm: Laminated diatom-bearing silty clay with some silt throughout. Color changes from greenish gray (5GY 5/1) to lighter greenish gray (5GY 6/1) at 50 cm. Color changes from greenish gray (5GY 6/1) to greenish gray (5GY 6/2) at 80 to 90 cm.
Section 5, 0 cm to Core Catcher: Laminated diatom silty clay (mm to 1 cm scale). Some bioturbation. Sharp contacts and diffuse contacts between laminations. Alternations in color between greenish gray (5GY 5/1) and gray (5Y 5/1).

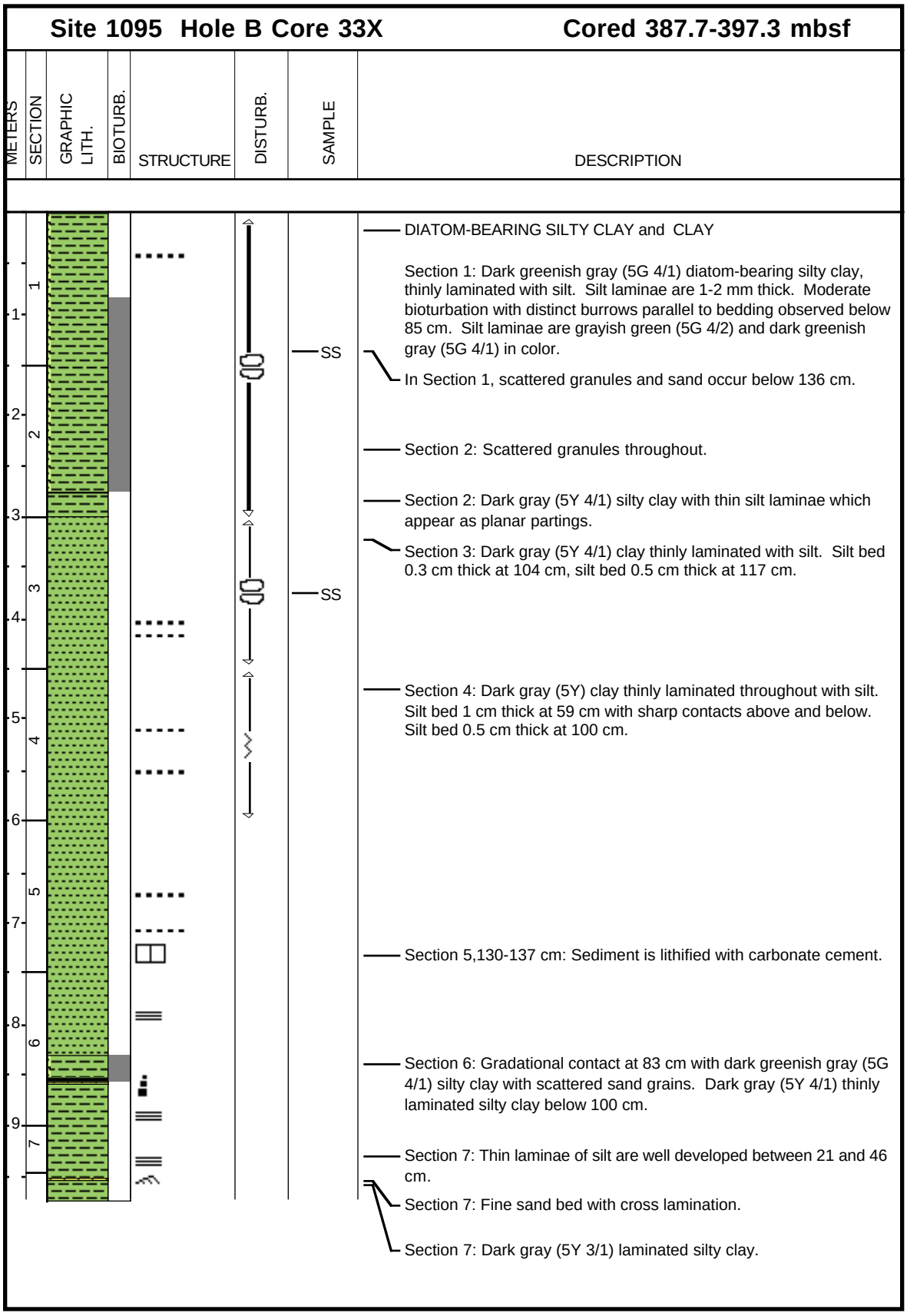
Core Image


Site 1095 Hole B Core 31X
Cored 368.8-378.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SILTY CLAY, DIATOM-BEARING SILTY CLAY and DIATOM CLAYEY SILT
Sections 1-4: Silty clay and diatom-bearing silty clay, dark greenish gray (5G) with common silt laminae. Section 1 contains about 10% diatoms, Sections 2 to 4 contain less than 5% diatoms, Section 5 about 20%. Entire core is moderately disturbed (drilling biscuits). In the thicker biscuits, the silty clay is seen to be parallel laminated. Silts are 1-10 mm thick, very dark gray with sharp bases and tops, and show internal parallel lamination, wavy lamination or (rarely) ripple cross lamination. They contain about 10% diatoms and up to 10% opaque minerals, including clay-sized grains. Silt forms 5-10% of the sequence.
Section 5, 0 cm to Section 6, 23 cm: Diatom-bearing clayey silt and diatom clayey silt, dark greenish gray (5GY 4/1), structureless except for faint burrow-mottling. Very poorly sorted. Few scattered sand grains in Section 5 from 130-145 cm.
Section 5, 121-124 cm: Lighter-colored patch consists of muddy diatom ooze, dominated by Denticulopsis spp. (in contrast to the surrounding mud which contains mainly centric diatoms).
Section 6, 23 cm to Core Catcher: Diatom-bearing silty clay, dark greenish gray, with common silt laminae from 25 -85 cm and one lamina at 134 cm. Same as upper part of core.

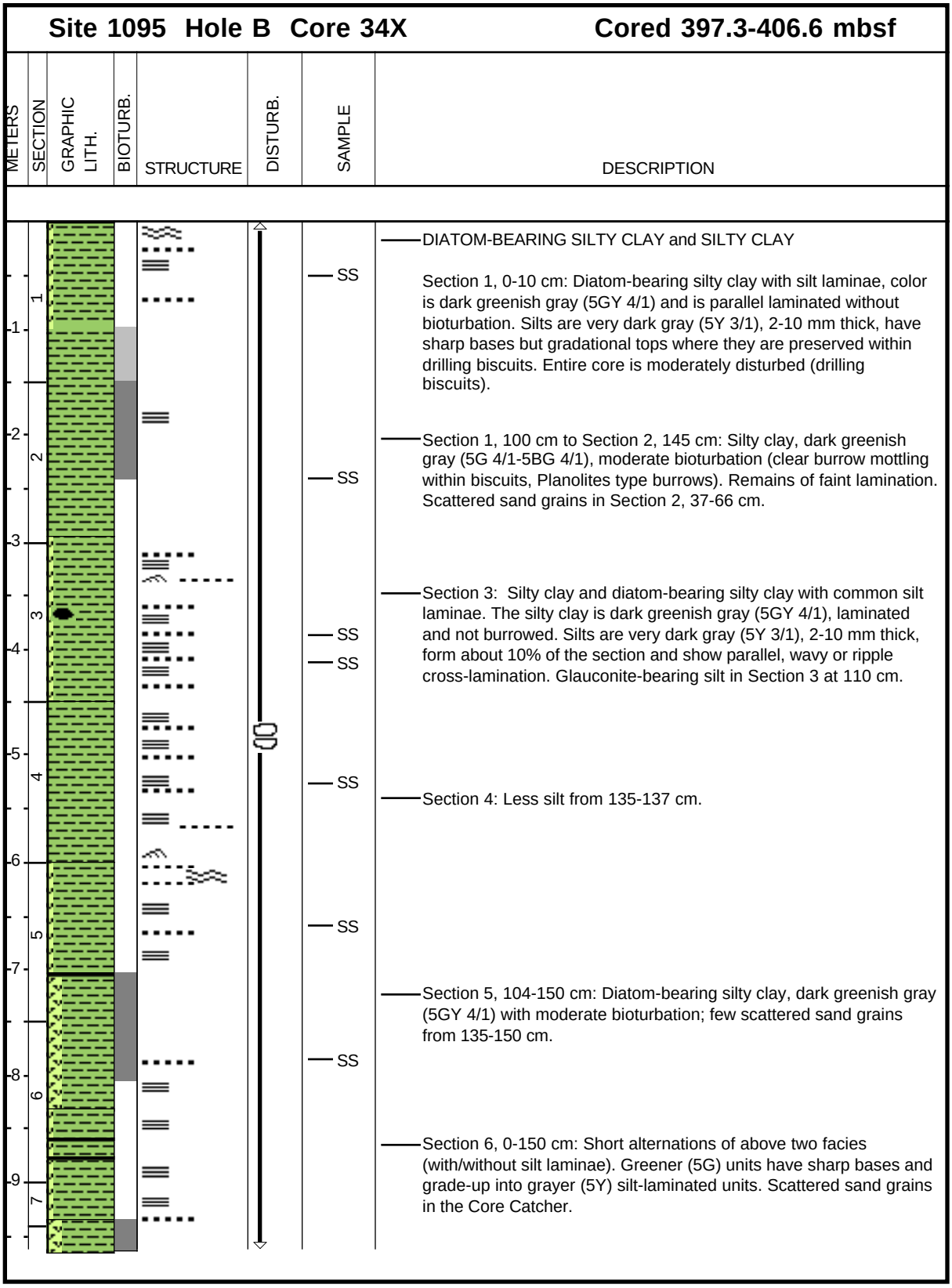
Core Image


Site 1095 Hole B Core 32X
Cored 378.4-387.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
DIATOM-BEARING SILTY CLAY and DIATOM SILTY CLAY
Sections 1 and 2 : Dark gray (5Y 4/1) diatom-bearing silty clay with interbedded very dark gray (N4/0) silt beds. Individual silt beds are 1-10 mm thick, with parallel lamination.
Section 3, 0-150 cm: Dark gray diatom-bearing silty clay with interbedded very dark gray silt beds. Individual beds are 1-3 mm. Dark bands probably result from small compositional or diagenetic changes. Individual bands are 1-10 mm thick. Smear slides taken at 68 and 70 cm are both diatom-bearing silty clay. The very dark gray band appears to have higher glauconite content and more silt size grains.
SS
SS
Section 4, 0-150 cm: Dark gray diatom-bearing silty clay with interbedded silty beds. Individual silt beds are 1-15 mm thick. Bands of different colors similar to the ones in Section 3 are also observed.
Section 5, 0-32 cm: Dark gray silty clays with few interbedded silt beds 1-3 mm thick that have internal lamination. Sharp contact with underlying facies. 32-130 cm, Greenish gray (5GY) diatomaceous silty clay. Interval has color bands probably result of small differences in composition or diagenesis or both. Sharp contact with underlying lithology.
Section 5,130 cm to Section 6, 14 cm: Dark gray (5Y) diatom-bearing silty clay with interbedded silt beds 0-5 mm thick. Dark gray (5Y) and very dark gray (N4) color bands.
Section 6,14-109 cm: dark greenish gray (5GY 4/1) diatom silty clay with lighter and darker greenish gray bands. 109-140 cm, dark gray (5Y 4/1) silty clay. 140 cm to CC, dark greenish gray (5GY 4/1) diatom silty clay.
SS

Core Image


Site 1095 Hole B Core 33X
Cored 387.7-397.3 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SS
DIATOM-BEARING SILTY CLAY and CLAY
Section 1: Dark greenish gray (5G 4/1) diatom-bearing silty clay, thinly laminated with silt. Silt laminae are 1-2 mm thick. Moderate bioturbation with distinct burrows parallel to bedding observed below 85 cm. Silt laminae are grayish green (5G 4/2) and dark greenish gray (5G 4/1) in color.
In Section 1, scattered granules and sand occur below 136 cm.
Section 2: Scattered granules throughout.
Section 2: Dark gray (5Y 4/1) silty clay with thin silt laminae which appear as planar partings.
Section 3: Dark gray (5Y 4/1) clay thinly laminated with silt. Silt bed 0.3 cm thick at 104 cm, silt bed 0.5 cm thick at 117 cm.
Section 4: Dark gray (5Y) clay thinly laminated throughout with silt. Silt bed 1 cm thick at 59 cm with sharp contacts above and below. Silt bed 0.5 cm thick at 100 cm.
Section 5,130-137 cm: Sediment is lithified with carbonate cement.
Section 6: Gradational contact at 83 cm with dark greenish gray (5G 4/1) silty clay with scattered sand grains. Dark gray (5Y 4/1) thinly laminated silty clay below 100 cm.
Section 7: Thin laminae of silt are well developed between 21 and 46 cm.
Section 7: Fine sand bed with cross lamination.
Section 7: Dark gray (5Y 3/1) laminated silty clay.

Core Image


Site 1095 Hole B Core 34X
Cored 397.3-406.6 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
DIATOM-BEARING SILTY CLAY and SILTY CLAY
Section 1, 0-10 cm: Diatom-bearing silty clay with silt laminae, color is dark greenish gray (5GY 4/1) and is parallel laminated without bioturbation. Silts are very dark gray (5Y 3/1), 2-10 mm thick, have sharp bases but gradational tops where they are preserved within drilling biscuits. Entire core is moderately disturbed (drilling biscuits).
Section 1, 100 cm to Section 2, 145 cm: Silty clay, dark greenish gray (5G 4/1-5BG 4/1), moderate bioturbation (clear burrow mottling within biscuits, Planolites type burrows). Remains of faint lamination. Scattered sand grains in Section 2, 37-66 cm.
Section 3: Silty clay and diatom-bearing silty clay with common silt laminae. The silty clay is dark greenish gray (5GY 4/1), laminated and not burrowed. Silts are very dark gray (5Y 3/1), 2-10 mm thick, form about 10% of the section and show parallel, wavy or ripple cross-lamination. Glauconite-bearing silt in Section 3 at 110 cm.
Section 4: Less silt from 135-137 cm.
Section 5, 104-150 cm: Diatom-bearing silty clay, dark greenish gray (5GY 4/1) with moderate bioturbation; few scattered sand grains from 135-150 cm.
Section 6, 0-150 cm: Short alternations of above two facies (with/without silt laminae). Greener (5G) units have sharp bases and grade-up into grayer (5Y) silt-laminated units. Scattered sand grains in the Core Catcher.
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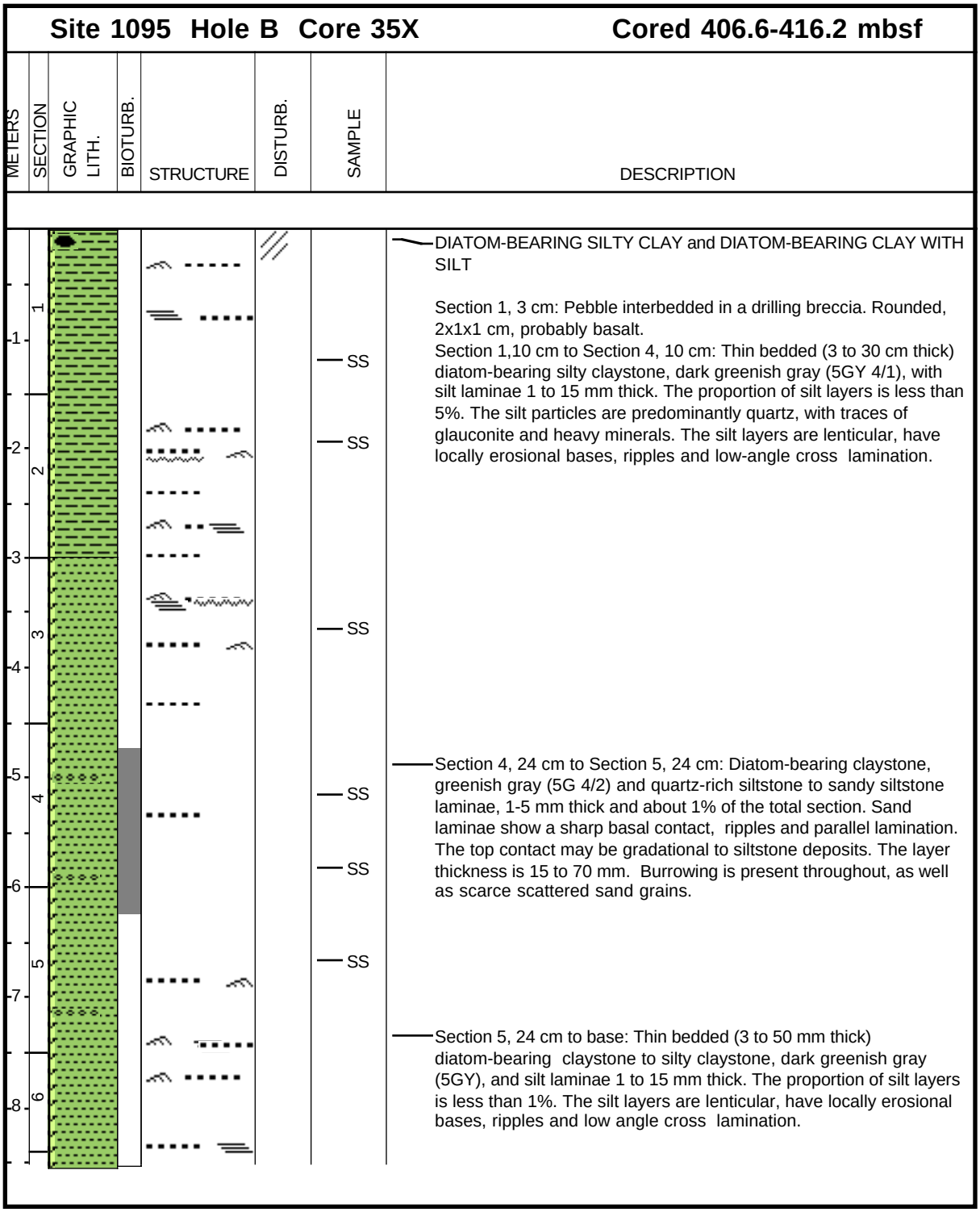
-9

Core Image


Site 1095 Hole B Core 35X
Cored 406.6-416.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
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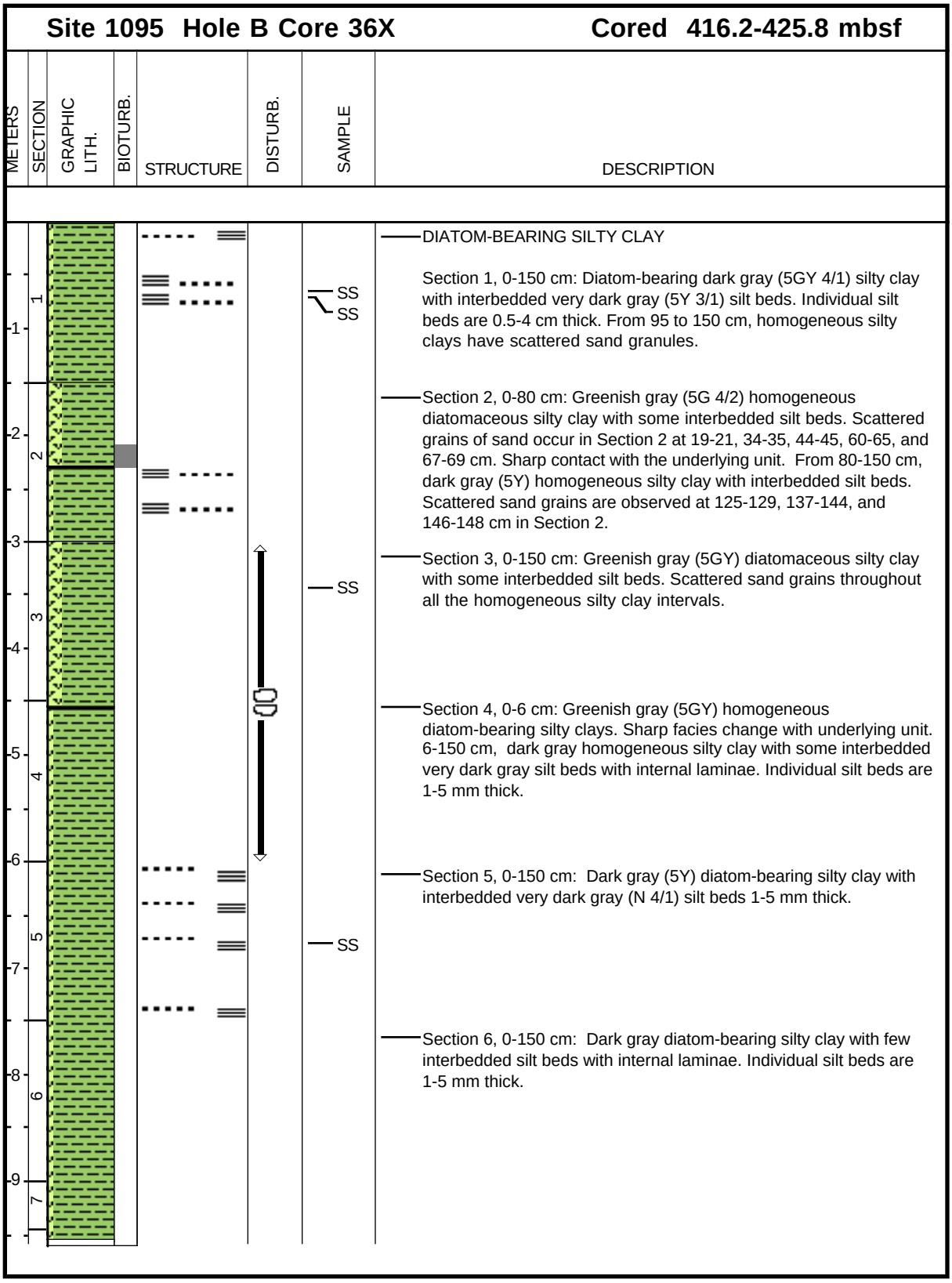
SS
SS
SS
DIATOM-BEARING SILTY CLAY and DIATOM-BEARING CLAY WITH SILT
Section 1, 3 cm: Pebble interbedded in a drilling breccia. Rounded, 2x1x1 cm, probably basalt.
Section 1,10 cm to Section 4, 10 cm: Thin bedded (3 to 30 cm thick) diatom-bearing silty claystone, dark greenish gray (5GY 4/1), with silt laminae 1 to 15 mm thick. The proportion of silt layers is less than 5%. The silt particles are predominantly quartz, with traces of glauconite and heavy minerals. The silt layers are lenticular, have locally erosional bases, ripples and low-angle cross lamination.
Section 4, 24 cm to Section 5, 24 cm: Diatom-bearing claystone, greenish gray (5G 4/2) and quartz-rich siltstone to sandy siltstone laminae, 1-5 mm thick and about 1% of the total section. Sand laminae show a sharp basal contact, ripples and parallel lamination. The top contact may be gradational to siltstone deposits. The layer thickness is 15 to 70 mm. Burrowing is present throughout, as well as scarce scattered sand grains.
Section 5, 24 cm to base: Thin bedded (3 to 50 mm thick) diatom-bearing claystone to silty claystone, dark greenish gray (5GY), and silt laminae 1 to 15 mm thick. The proportion of silt layers is less than 1%. The silt layers are lenticular, have locally erosional bases, ripples and low angle cross lamination.

Core Image


Site 1095 Hole B Core 36X
Cored 416.2-425.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
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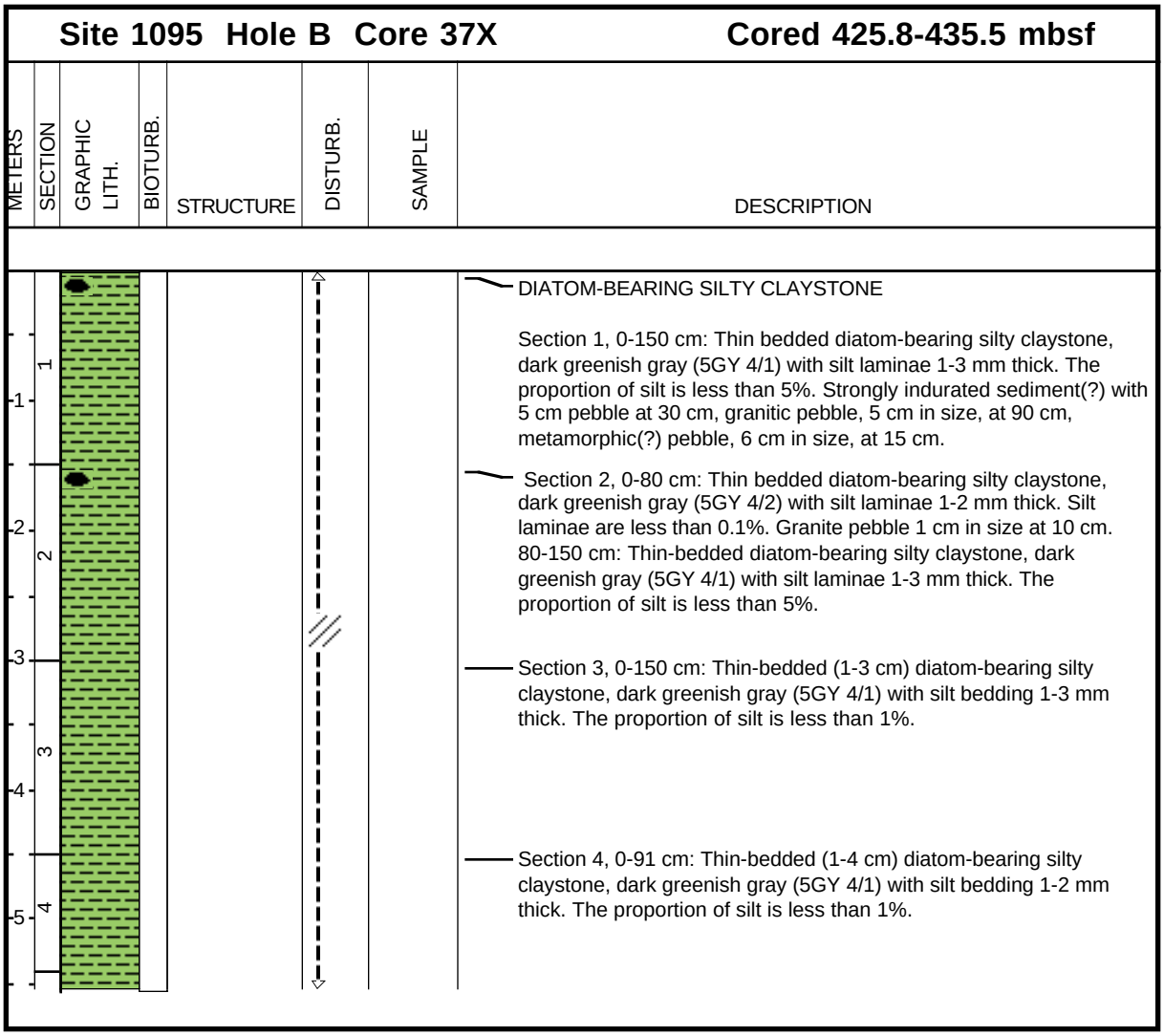
SS
DIATOM-BEARING SILTY CLAY
Section 1, 0-150 cm: Diatom-bearing dark gray (5GY 4/1) silty clay with interbedded very dark gray (5Y 3/1) silt beds. Individual silt beds are 0.5-4 cm thick. From 95 to 150 cm, homogeneous silty clays have scattered sand granules.
Section 2, 0-80 cm: Greenish gray (5G 4/2) homogeneous diatomaceous silty clay with some interbedded silt beds. Scattered grains of sand occur in Section 2 at 19-21, 34-35, 44-45, 60-65, and 67-69 cm. Sharp contact with the underlying unit. From 80-150 cm, dark gray (5Y) homogeneous silty clay with interbedded silt beds. Scattered sand grains are observed at 125-129, 137-144, and 146-148 cm in Section 2.
Section 3, 0-150 cm: Greenish gray (5GY) diatomaceous silty clay with some interbedded silt beds. Scattered sand grains throughout all the homogeneous silty clay intervals.
Section 4, 0-6 cm: Greenish gray (5GY) homogeneous diatom-bearing silty clays. Sharp facies change with underlying unit. 6-150 cm, dark gray homogeneous silty clay with some interbedded very dark gray silt beds with internal laminae. Individual silt beds are 1-5 mm thick.
Section 5, 0-150 cm: Dark gray (5Y) diatom-bearing silty clay with interbedded very dark gray (N 4/1) silt beds 1-5 mm thick.
Section 6, 0-150 cm: Dark gray diatom-bearing silty clay with few interbedded silt beds with internal laminae. Individual silt beds are 1-5 mm thick.

Core Image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Cored 425.8-435.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
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3
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5
1
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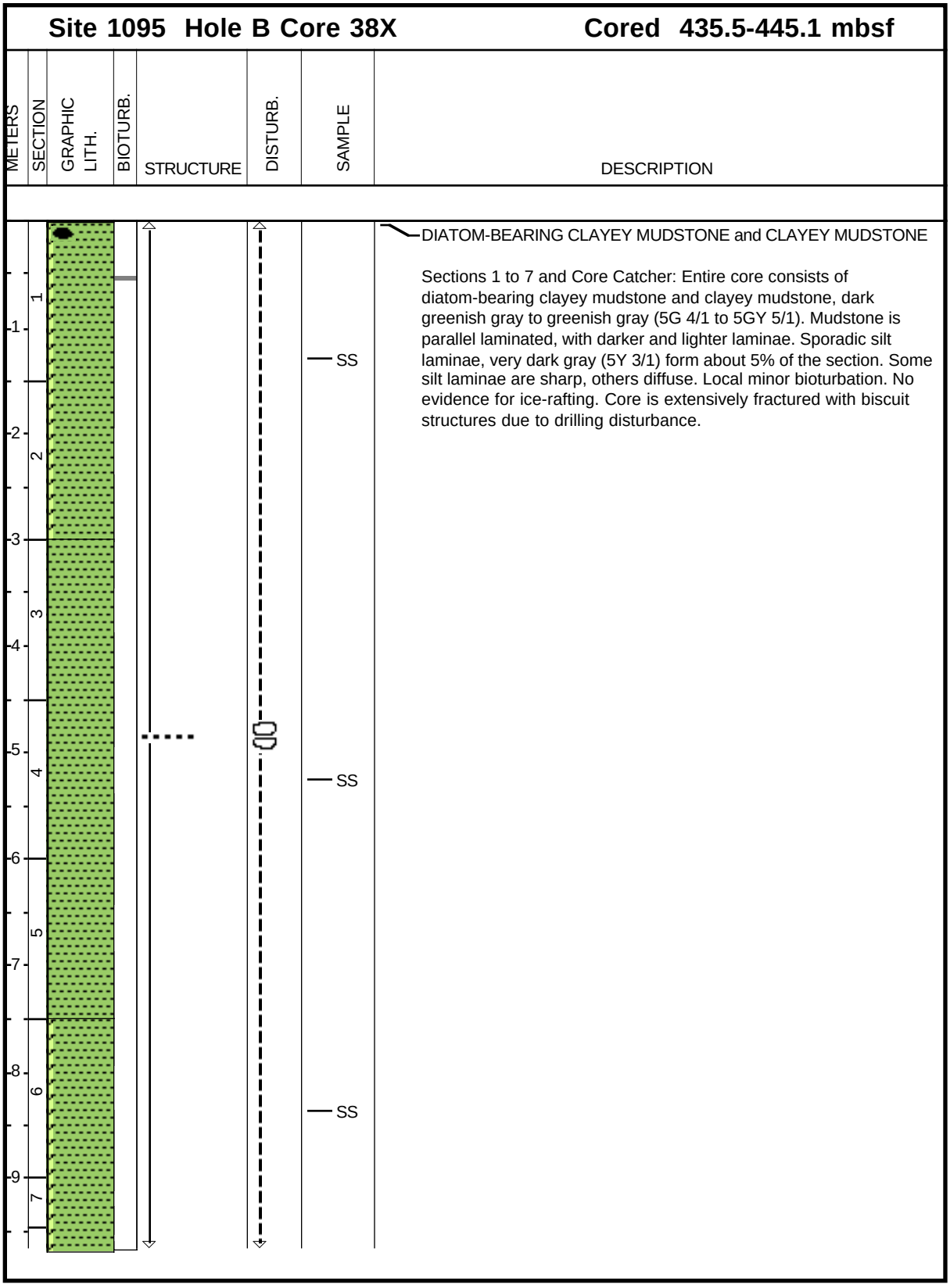
4
DIATOM-BEARING SILTY CLAYSTONE
Section 1, 0-150 cm: Thin bedded diatom-bearing silty claystone, dark greenish gray (5GY 4/1) with silt laminae 1-3 mm thick. The proportion of silt is less than 5%. Strongly indurated sediment(?) with 5 cm pebble at 30 cm, granitic pebble, 5 cm in size, at 90 cm, metamorphic(?) pebble, 6 cm in size, at 15 cm.
Section 2, 0-80 cm: Thin bedded diatom-bearing silty claystone, dark greenish gray (5GY 4/2) with silt laminae 1-2 mm thick. Silt laminae are less than 0.1%. Granite pebble 1 cm in size at 10 cm. 80-150 cm: Thin-bedded diatom-bearing silty claystone, dark greenish gray (5GY 4/1) with silt laminae 1-3 mm thick. The proportion of silt is less than 5%.
Section 3, 0-150 cm: Thin-bedded (1-3 cm) diatom-bearing silty claystone, dark greenish gray (5GY 4/1) with silt bedding 1-3 mm thick. The proportion of silt is less than 1%.
Section 4, 0-91 cm: Thin-bedded (1-4 cm) diatom-bearing silty claystone, dark greenish gray (5GY 4/1) with silt bedding 1-2 mm thick. The proportion of silt is less than 1%.

Core Image


Site 1095 Hole B Core 38X
Cored 435.5-445.1 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
DIATOM-BEARING CLAYEY MUDSTONE and CLAYEY MUDSTONE
Sections 1 to 7 and Core Catcher: Entire core consists of diatom-bearing clayey mudstone and clayey mudstone, dark greenish gray to greenish gray (5G 4/1 to 5GY 5/1). Mudstone is parallel laminated, with darker and lighter laminae. Sporadic silt laminae, very dark gray (5Y 3/1) form about 5% of the section. Some silt laminae are sharp, others diffuse. Local minor bioturbation. No evidence for ice-rafting. Core is extensively fractured with biscuit structures due to drilling disturbance.
SS
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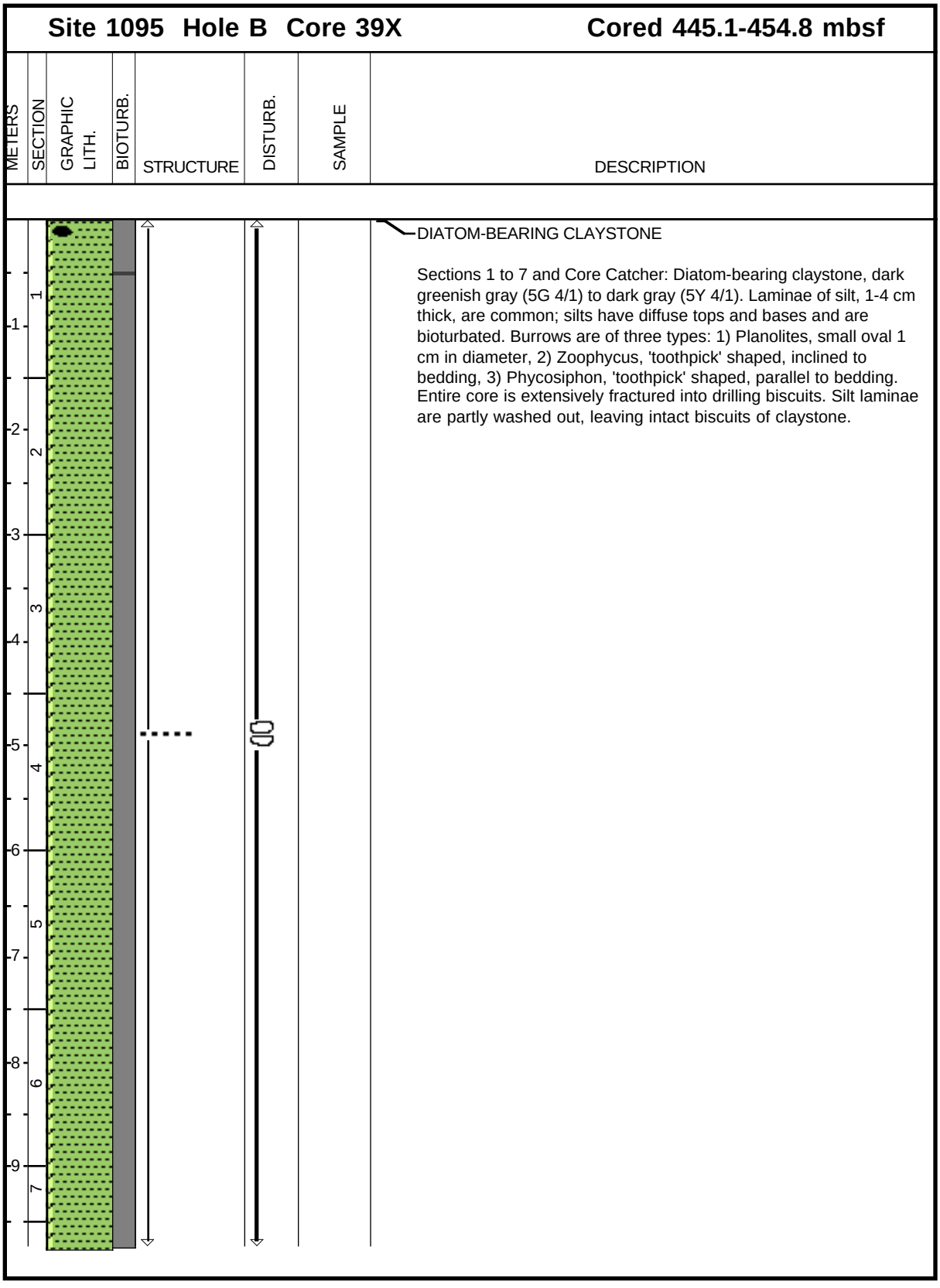
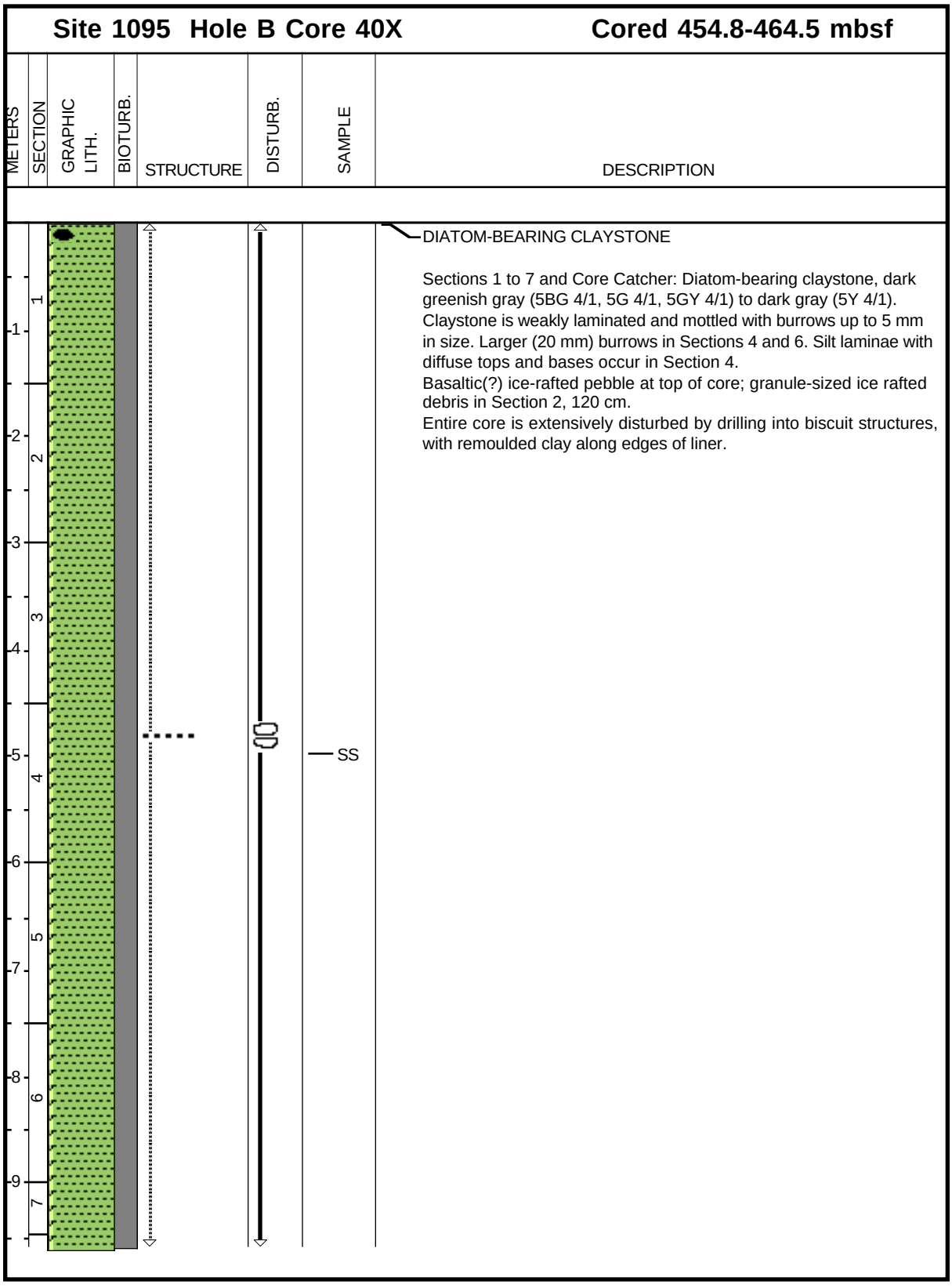
SS

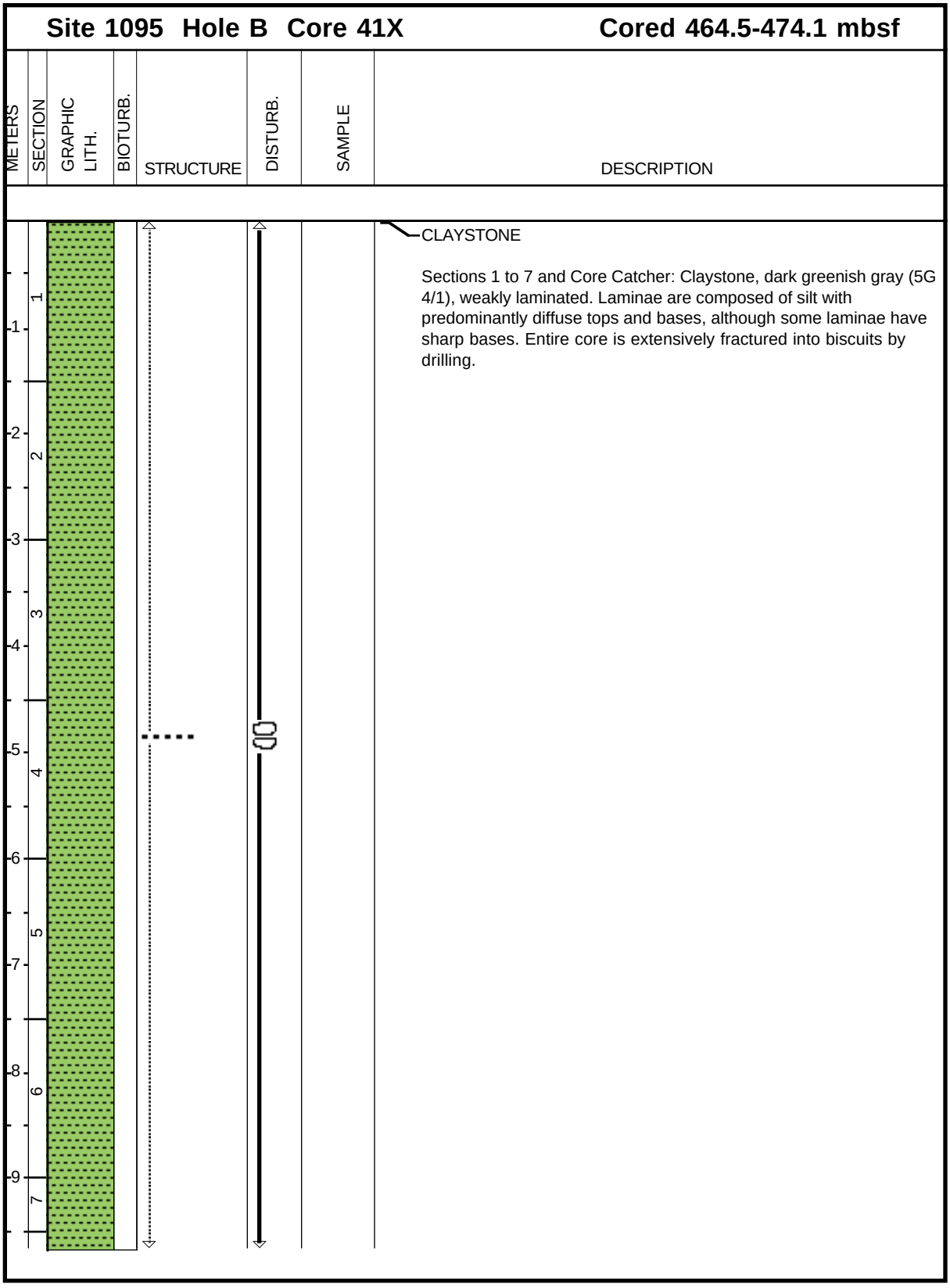
Core Image


Site 1095 Hole B Core 39X
Cored 445.1-454.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
DIATOM-BEARING CLAYSTONE
Sections 1 to 7 and Core Catcher: Diatom-bearing claystone, dark greenish gray (5G 4/1) to dark gray (5Y 4/1). Laminae of silt, 1-4 cm thick, are common; silts have diffuse tops and bases and are bioturbated. Burrows are of three types: 1) Planolites, small oval 1 cm in diameter, 2) Zoophycus, 'toothpick' shaped, inclined to bedding, 3) Phycosiphon, 'toothpick' shaped, parallel to bedding. Entire core is extensively fractured into drilling biscuits. Silt laminae are partly washed out, leaving intact biscuits of claystone.

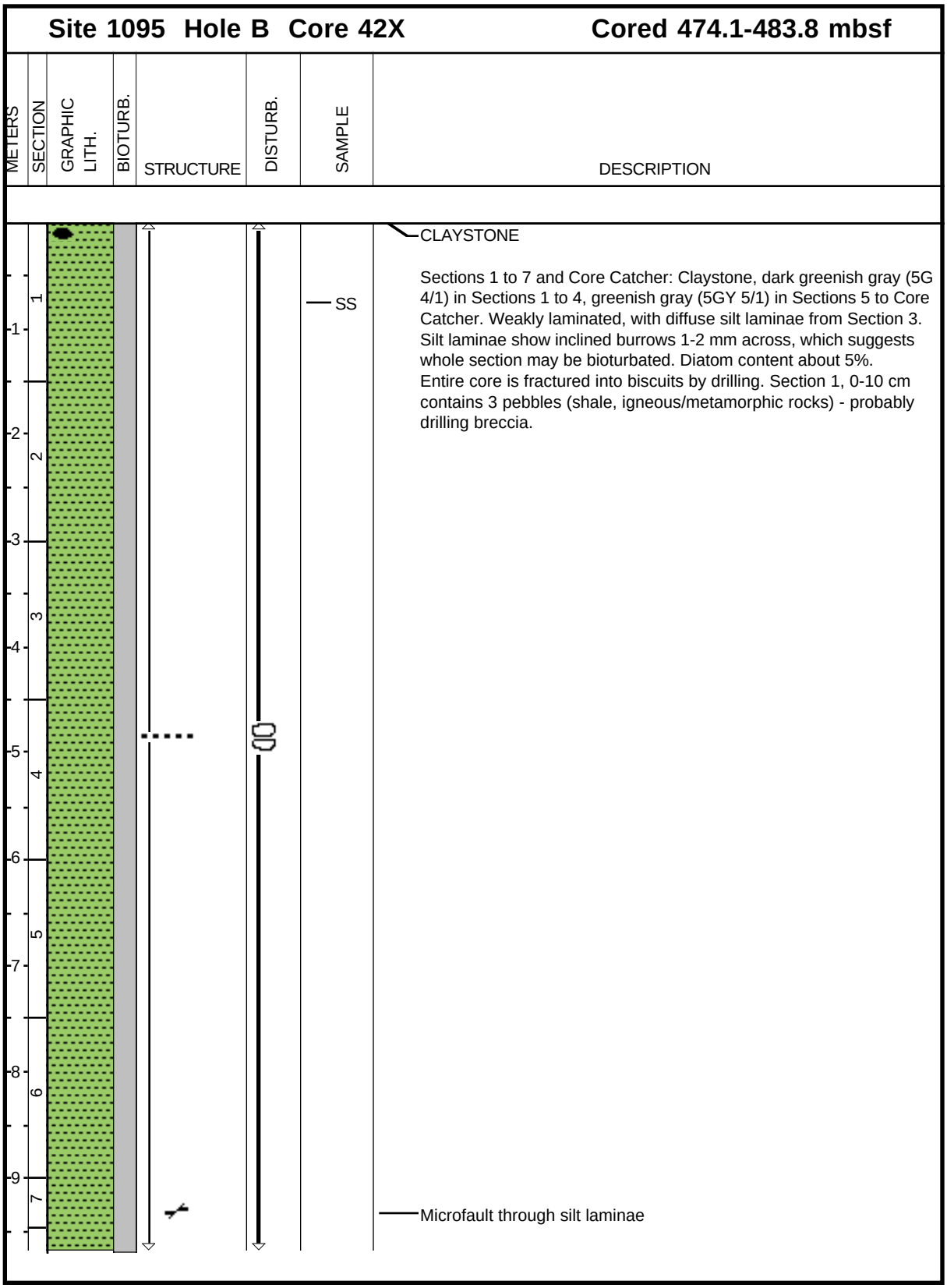
Core Image


Site 1095 Hole B Core 40X
Cored 454.8-464.5 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
DIATOM-BEARING CLAYSTONE
Sections 1 to 7 and Core Catcher: Diatom-bearing claystone, dark greenish gray (5BG 4/1, 5G 4/1, 5GY 4/1) to dark gray (5Y 4/1). Claystone is weakly laminated and mottled with burrows up to 5 mm in size. Larger (20 mm) burrows in Sections 4 and 6. Silt laminae with diffuse tops and bases occur in Section 4.
Basaltic(?) ice-rafted pebble at top of core; granule-sized ice rafted debris in Section 2, 120 cm.
Entire core is extensively disturbed by drilling into biscuit structures, with remoulded clay along edges of liner.
SS

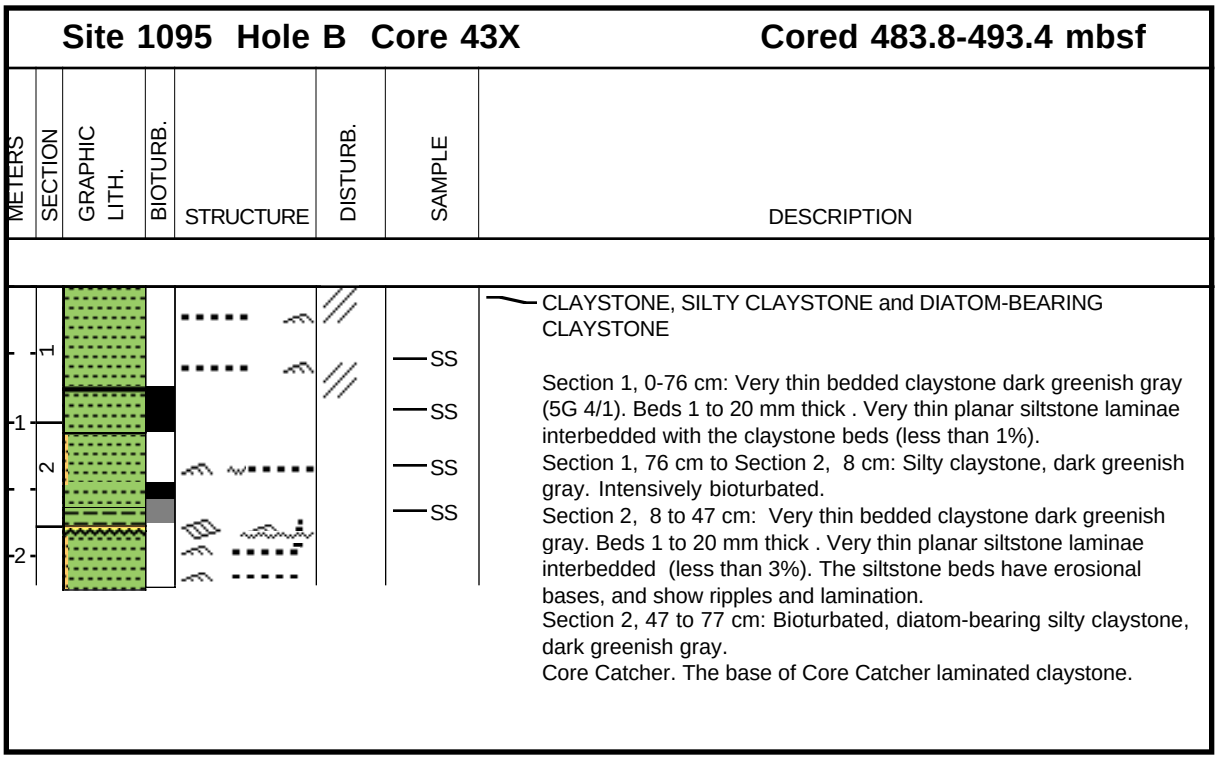
Core Image


Site 1095 Hole B Core 41X
Cored 464.5-474.1 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
CLAYSTONE
Sections 1 to 7 and Core Catcher: Claystone, dark greenish gray (5G 4/1), weakly laminated. Laminae are composed of silt with predominantly diffuse tops and bases, although some laminae have sharp bases. Entire core is extensively fractured into biscuits by drilling.

Core Image


Site 1095 Hole B Core 42X
Cored 474.1-483.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
CLAYSTONE
Sections 1 to 7 and Core Catcher: Claystone, dark greenish gray (5G 4/1) in Sections 1 to 4, greenish gray (5GY 5/1) in Sections 5 to Core Catcher. Weakly laminated, with diffuse silt laminae from Section 3. Silt laminae show inclined burrows 1-2 mm across, which suggests whole section may be bioturbated. Diatom content about 5%.
Entire core is fractured into biscuits by drilling. Section 1, 0-10 cm contains 3 pebbles (shale, igneous/metamorphic rocks) - probably drilling breccia.
SS
Microfault through silt laminae

Core Image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Cored 483.8-493.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
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-1
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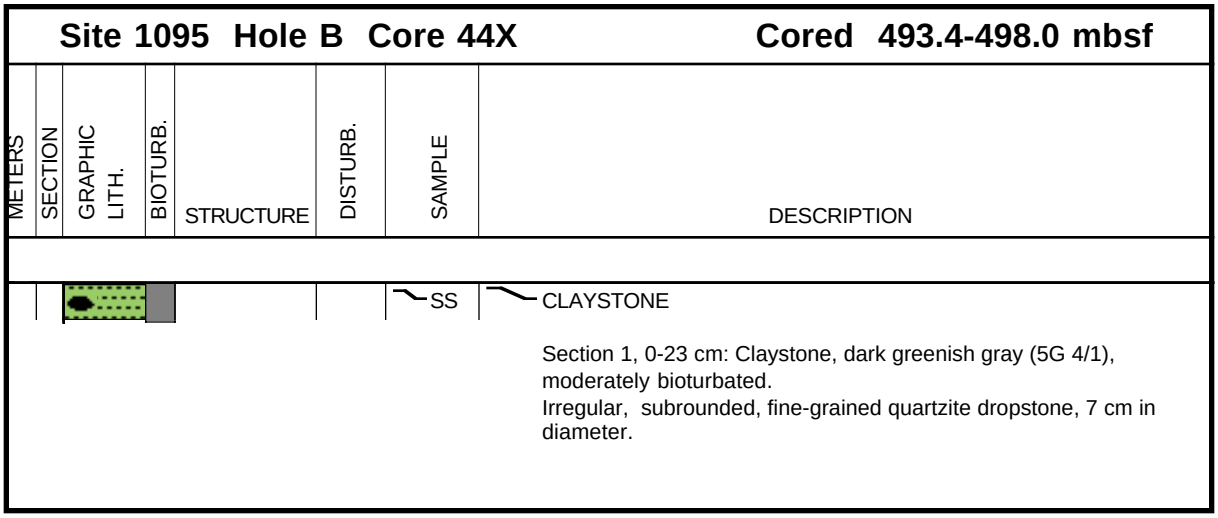
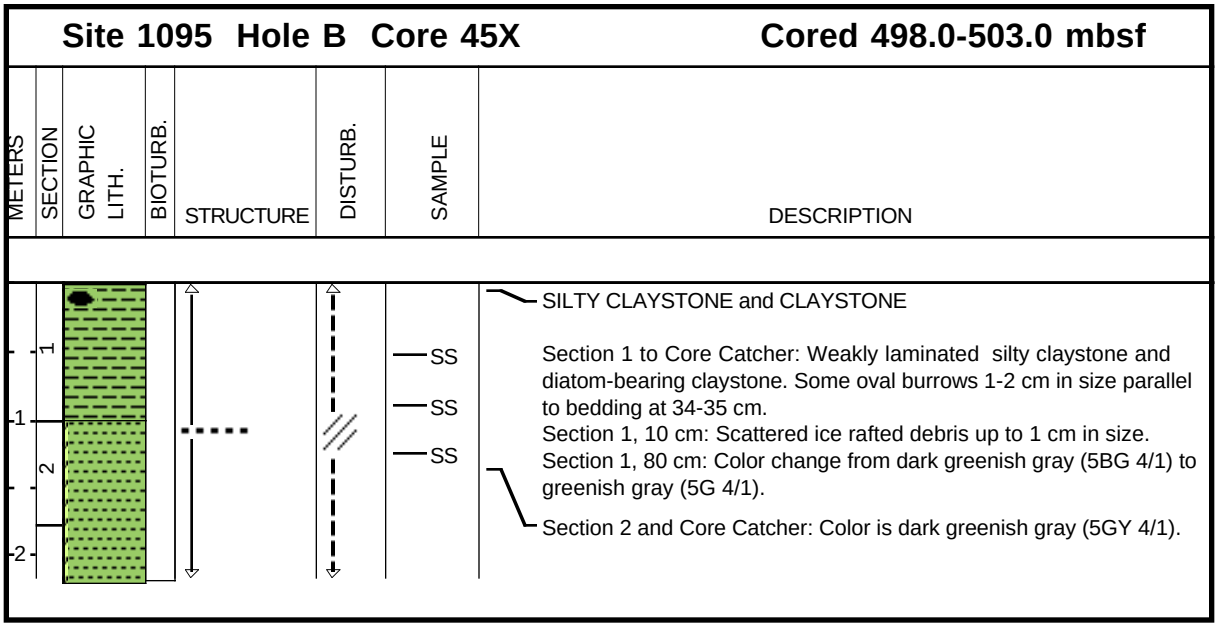
CLAYSTONE, SILTY CLAYSTONE and DIATOM-BEARING CLAYSTONE
Section 1, 0-76 cm: Very thin bedded claystone dark greenish gray (5G 4/1). Beds 1 to 20 mm thick . Very thin planar siltstone laminae interbedded with the claystone beds (less than 1%).
Section 1, 76 cm to Section 2, 8 cm: Silty claystone, dark greenish gray. Intensively bioturbated.
Section 2, 8 to 47 cm: Very thin bedded claystone dark greenish gray. Beds 1 to 20 mm thick . Very thin planar siltstone laminae interbedded (less than 3%). The siltstone beds have erosional bases, and show ripples and lamination.
Section 2, 47 to 77 cm: Bioturbated, diatom-bearing silty claystone, dark greenish gray.
Core Catcher. The base of Core Catcher laminated claystone.

Core Image


Site 1095 Hole B Core 44X
Cored 493.4-498.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
CLAYSTONE
Section 1, 0-23 cm: Claystone, dark greenish gray (5G 4/1), moderately bioturbated.
Irregular, subrounded, fine-grained quartzite dropstone, 7 cm in diameter.

Core Image


Site 1095 Hole B Core 45X
Cored 498.0-503.0 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
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SS
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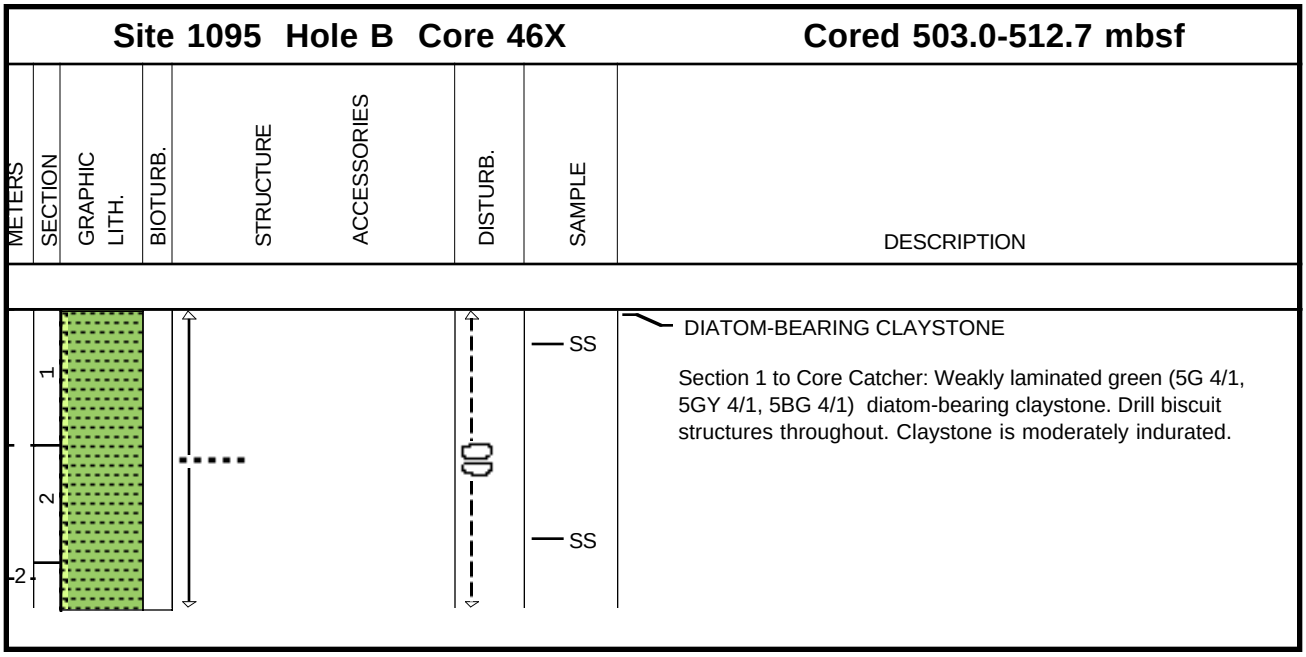
SS
SILTY CLAYSTONE and CLAYSTONE
Section 1 to Core Catcher: Weakly laminated silty claystone and diatom-bearing claystone. Some oval burrows 1-2 cm in size parallel to bedding at 34-35 cm.
Section 1, 10 cm: Scattered ice rafted debris up to 1 cm in size.
Section 1, 80 cm: Color change from dark greenish gray (5BG 4/1) to greenish gray (5G 4/1).
Section 2 and Core Catcher: Color is dark greenish gray (5GY 4/1).

Core Image


Site 1095 Hole B Core 46X
Cored 503.0-512.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
ACCESSORIES
DISTURB.
SAMPLE
DESCRIPTION
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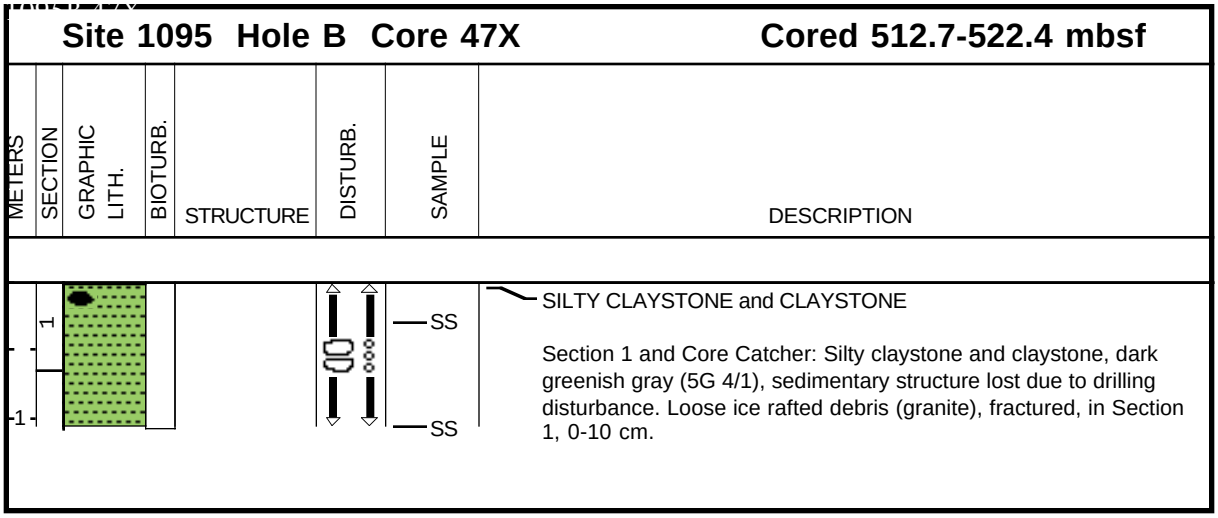
SS
DIATOM-BEARING CLAYSTONE
Section 1 to Core Catcher: Weakly laminated green (5G 4/1, 5GY 4/1, 5BG 4/1) diatom-bearing claystone. Drill biscuit structures throughout. Claystone is moderately indurated.

Core Image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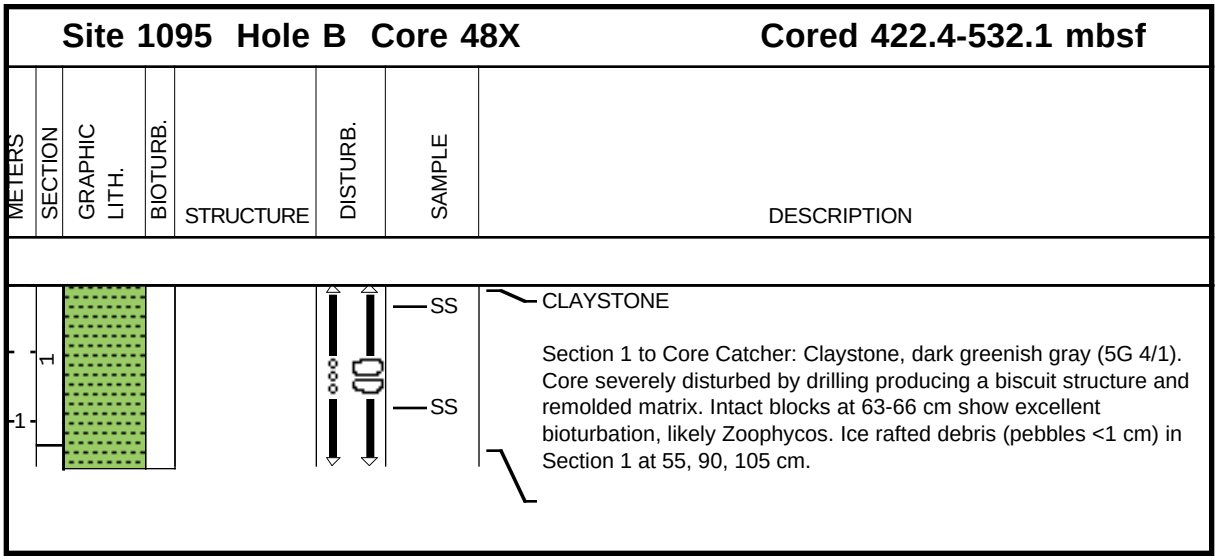
Cored 512.7-522.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
-1
SS
SS
SILTY CLAYSTONE and CLAYSTONE
Section 1 and Core Catcher: Silty claystone and claystone, dark greenish gray (5G 4/1), sedimentary structure lost due to drilling disturbance. Loose ice rafted debris (granite), fractured, in Section 1, 0-10 cm.

Core Image


Site 1095 Hole B Core 48X
Cored 422.4-532.1 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
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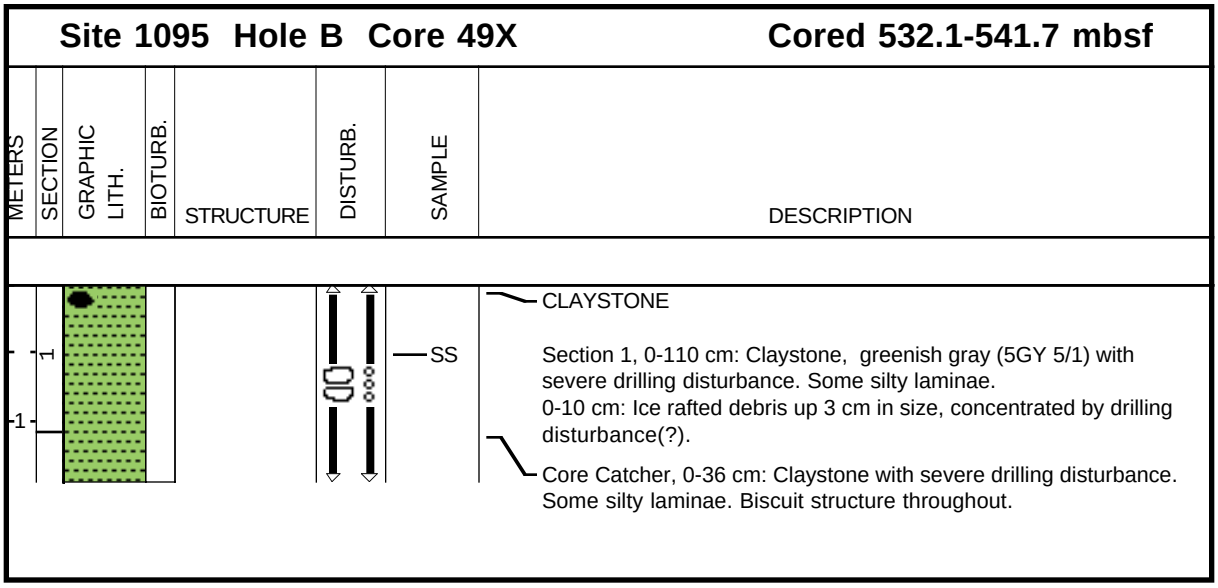
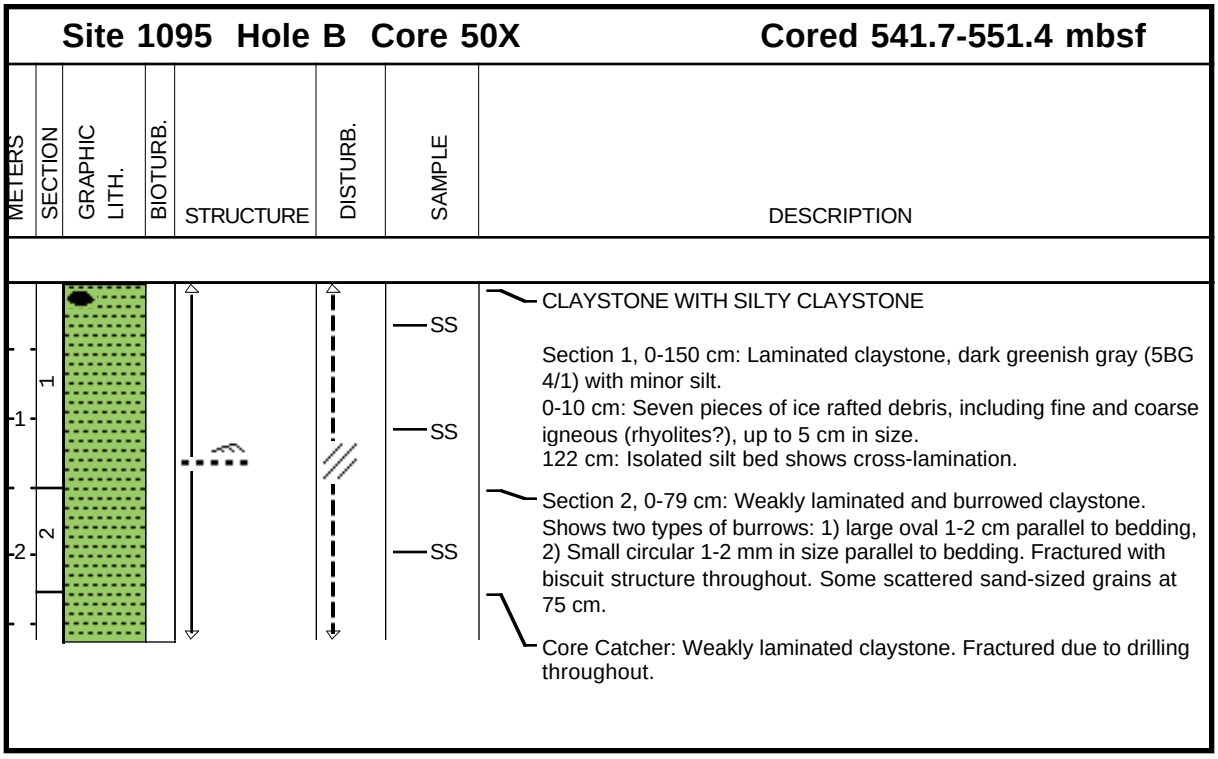
SS
CLAYSTONE
Section 1 to Core Catcher: Claystone, dark greenish gray (5G 4/1). Core severely disturbed by drilling producing a biscuit structure and remolded matrix. Intact blocks at 63-66 cm show excellent bioturbation, likely Zoophycos. Ice rafted debris (pebbles <1 cm) in Section 1 at 55, 90, 105 cm.

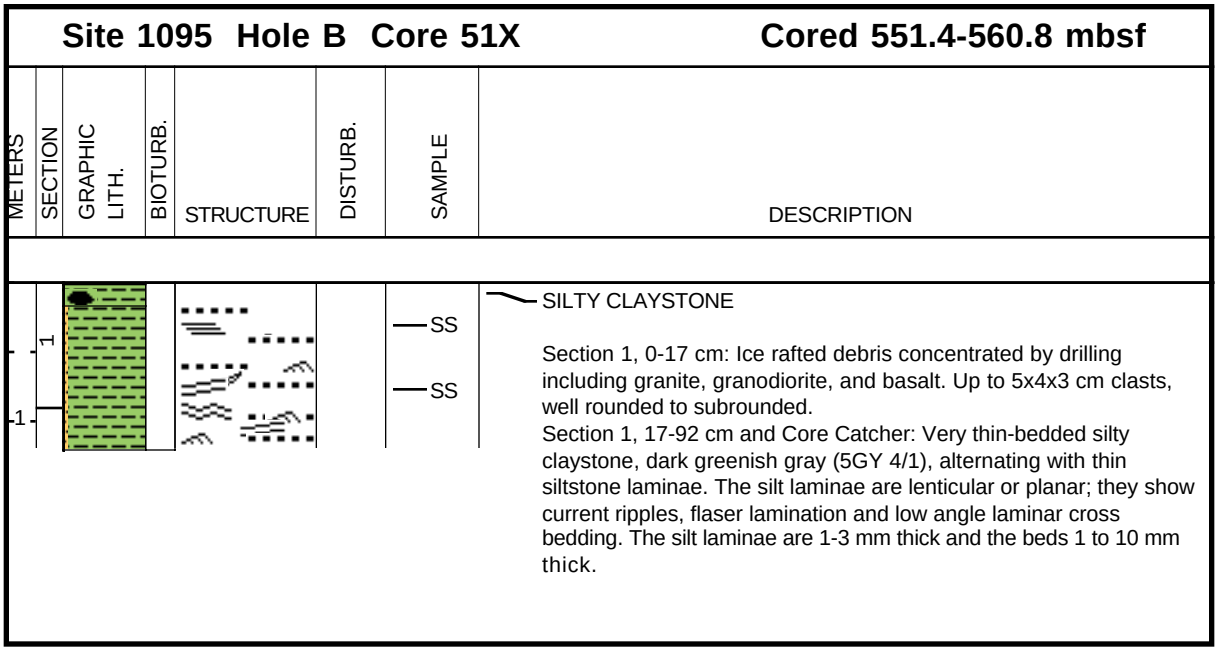
Core Image


Site 1095 Hole B Core 49X
Cored 532.1-541.7 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
-1
SS
CLAYSTONE
Section 1, 0-110 cm: Claystone, greenish gray (5GY 5/1) with severe drilling disturbance. Some silty laminae.
0-10 cm: Ice rafted debris up 3 cm in size, concentrated by drilling disturbance(?).
Core Catcher, 0-36 cm: Claystone with severe drilling disturbance. Some silty laminae. Biscuit structure throughout.

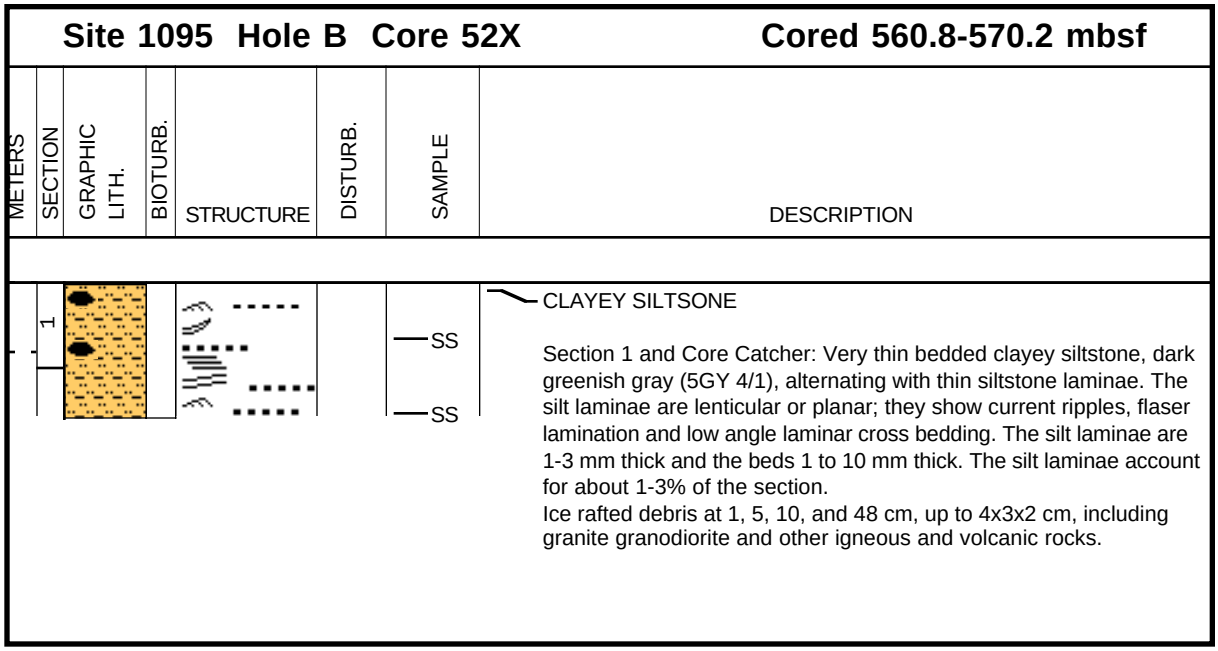
Core Image


Site 1095 Hole B Core 50X
Cored 541.7-551.4 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
SS
SS
SS
CLAYSTONE WITH SILTY CLAYSTONE
Section 1, 0-150 cm: Laminated claystone, dark greenish gray (5BG 4/1) with minor silt.
0-10 cm: Seven pieces of ice rafted debris, including fine and coarse igneous (rhyolites?), up to 5 cm in size.
122 cm: Isolated silt bed shows cross-lamination.
Section 2, 0-79 cm: Weakly laminated and burrowed claystone. Shows two types of burrows: 1) large oval 1-2 cm parallel to bedding, 2) Small circular 1-2 mm in size parallel to bedding. Fractured with biscuit structure throughout. Some scattered sand-sized grains at 75 cm.
Core Catcher: Weakly laminated claystone. Fractured due to drilling throughout.

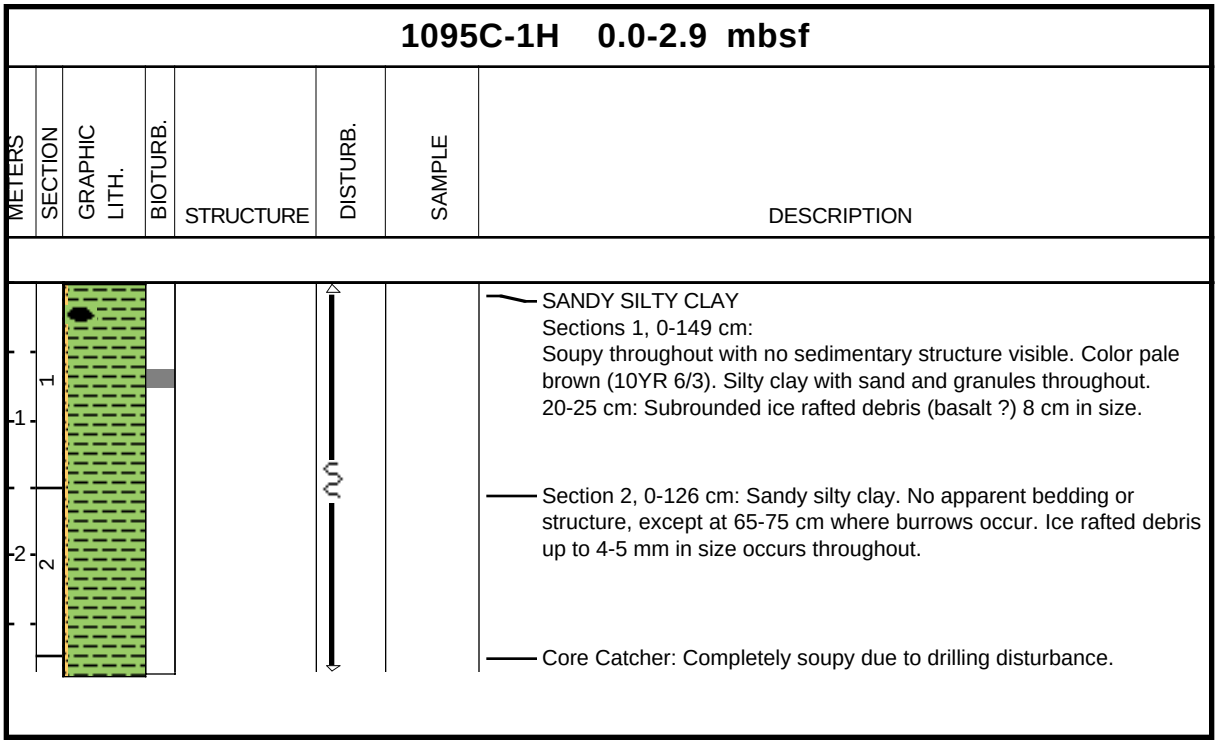
Core Image


Site 1095 Hole B Core 51X
Cored 551.4-560.8 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
1
SS
SS
SILTY CLAYSTONE
Section 1, 0-17 cm: Ice rafted debris concentrated by drilling including granite, granodiorite, and basalt. Up to 5x4x3 cm clasts, well rounded to subrounded.
Section 1, 17-92 cm and Core Catcher: Very thin-bedded silty claystone, dark greenish gray (5GY 4/1), alternating with thin siltstone laminae. The silt laminae are lenticular or planar; they show current ripples, flaser lamination and low angle laminar cross bedding. The silt laminae are 1-3 mm thick and the beds 1 to 10 mm thick.

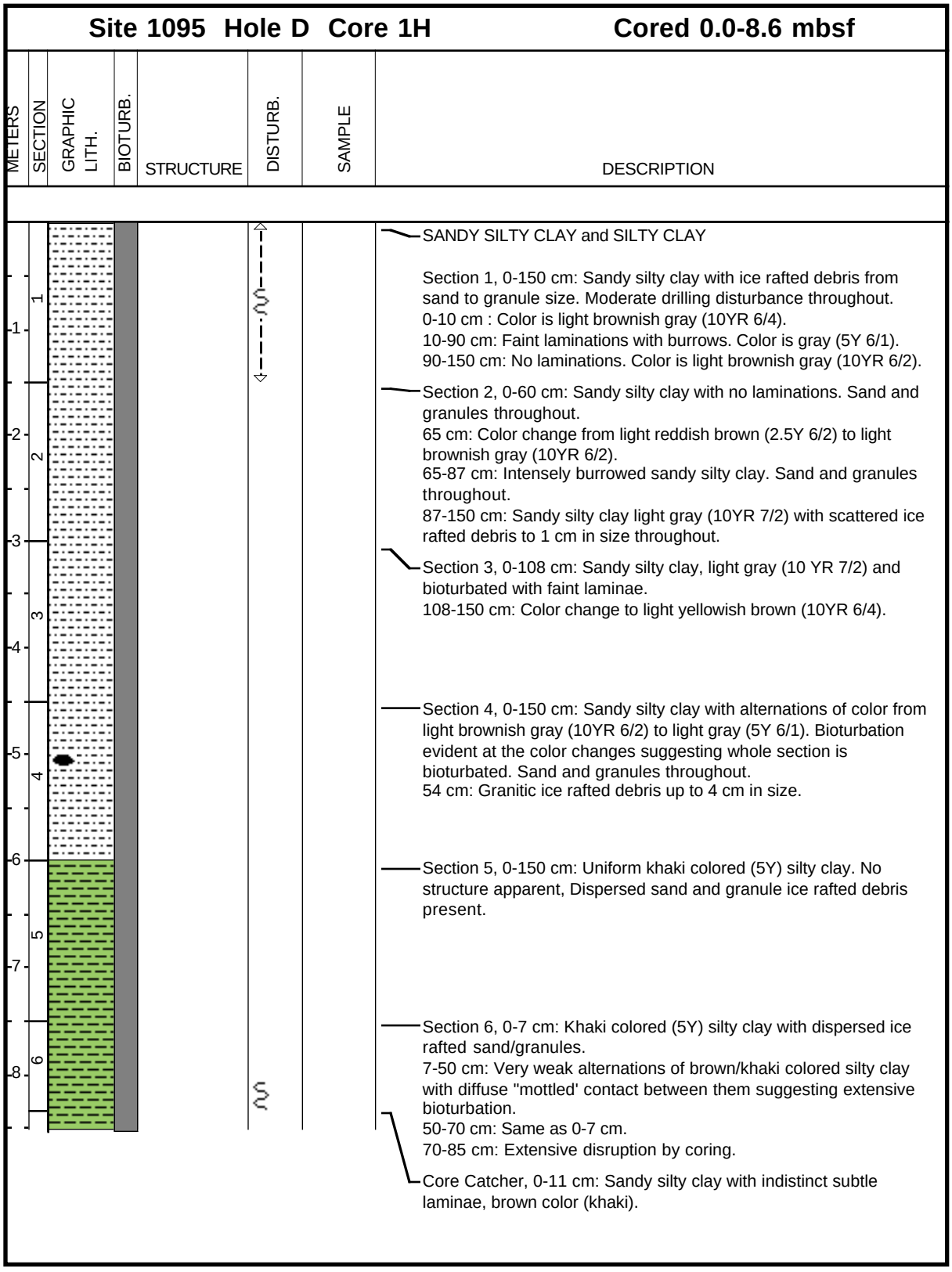
Core Image


Site 1095 Hole B Core 52X
Cored 560.8-570.2 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
SS
SS
CLAYEY SILTSONE
Section 1 and Core Catcher: Very thin bedded clayey siltstone, dark greenish gray (5GY 4/1), alternating with thin siltstone laminae. The silt laminae are lenticular or planar; they show current ripples, flaser lamination and low angle laminar cross bedding. The silt laminae are 1-3 mm thick and the beds 1 to 10 mm thick. The silt laminae account for about 1-3% of the section.
Ice rafted debris at 1, 5, 10, and 48 cm, up to 4x3x2 cm, including granite granodiorite and other igneous and volcanic rocks.

Core Image


1095C-1H 0.0-2.9 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
1
2
SANDY SILTY CLAY
Sections 1, 0-149 cm:
Soupy throughout with no sedimentary structure visible. Color pale brown (10YR 6/3). Silty clay with sand and granules throughout.
20-25 cm: Subrounded ice rafted debris (basalt ?) 8 cm in size.
Section 2, 0-126 cm: Sandy silty clay. No apparent bedding or structure, except at 65-75 cm where burrows occur. Ice rafted debris up to 4-5 mm in size occurs throughout.
Core Catcher: Completely soupy due to drilling disturbance.

Core Image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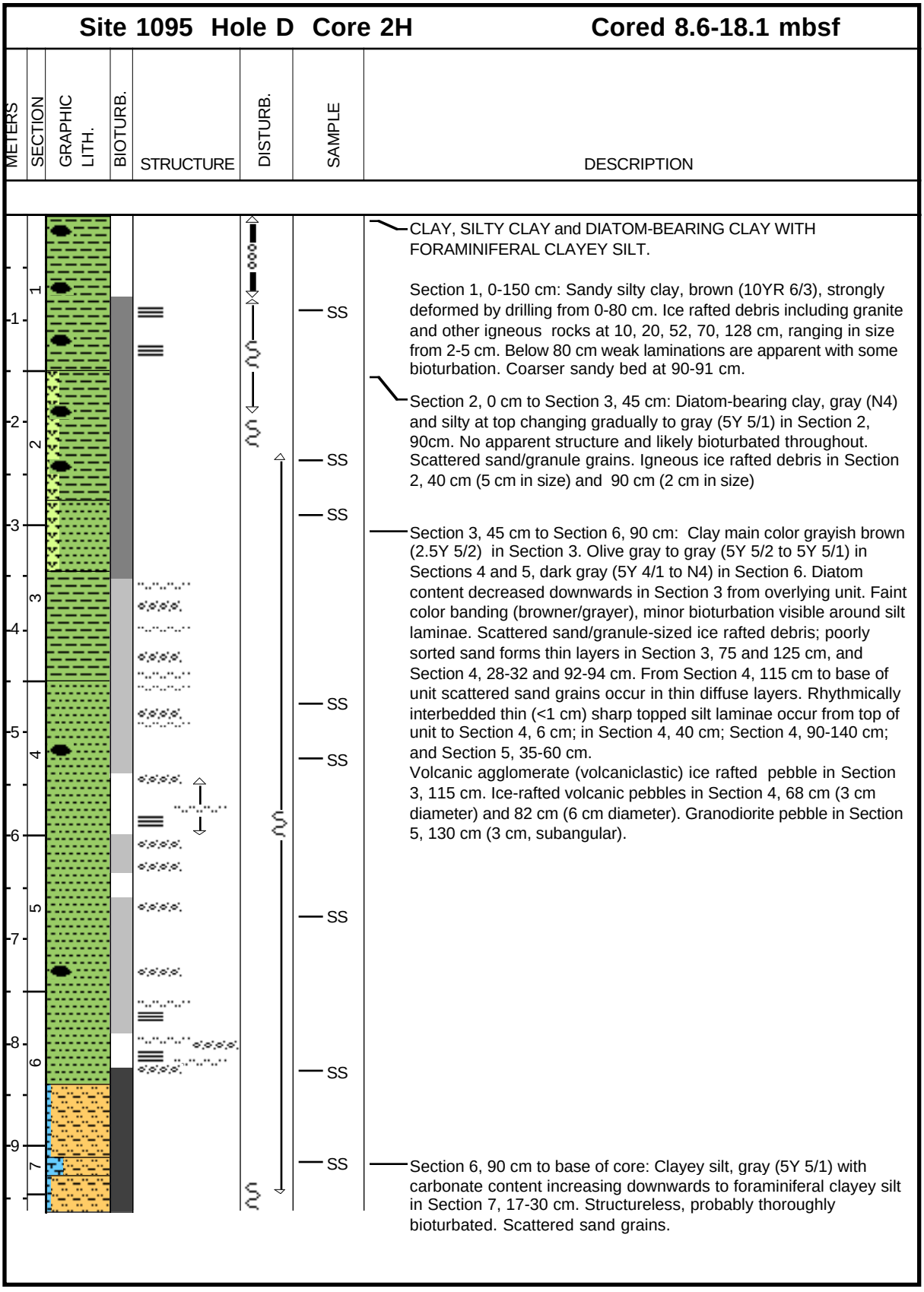
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SANDY SILTY CLAY and SILTY CLAY
Section 1, 0-150 cm: Sandy silty clay with ice rafted debris from sand to granule size. Moderate drilling disturbance throughout.
0-10 cm : Color is light brownish gray (10YR 6/4).
10-90 cm: Faint laminations with burrows. Color is gray (5Y 6/1).
90-150 cm: No laminations. Color is light brownish gray (10YR 6/2).
Section 2, 0-60 cm: Sandy silty clay with no laminations. Sand and granules throughout.
65 cm: Color change from light reddish brown (2.5Y 6/2) to light brownish gray (10YR 6/2).
65-87 cm: Intensely burrowed sandy silty clay. Sand and granules throughout.
87-150 cm: Sandy silty clay light gray (10YR 7/2) with scattered ice rafted debris to 1 cm in size throughout.
Section 3, 0-108 cm: Sandy silty clay, light gray (10 YR 7/2) and bioturbated with faint laminae.
108-150 cm: Color change to light yellowish brown (10YR 6/4).
Section 4, 0-150 cm: Sandy silty clay with alternations of color from light brownish gray (10YR 6/2) to light gray (5Y 6/1). Bioturbation evident at the color changes suggesting whole section is bioturbated. Sand and granules throughout.
54 cm: Granitic ice rafted debris up to 4 cm in size.
Section 5, 0-150 cm: Uniform khaki colored (5Y) silty clay. No structure apparent, Dispersed sand and granule ice rafted debris present.
Section 6, 0-7 cm: Khaki colored (5Y) silty clay with dispersed ice rafted sand/granules.
7-50 cm: Very weak alternations of brown/khaki colored silty clay with diffuse "mottled' contact between them suggesting extensive bioturbation.
50-70 cm: Same as 0-7 cm.
70-85 cm: Extensive disruption by coring.
Core Catcher, 0-11 cm: Sandy silty clay with indistinct subtle laminae, brown color (khaki).

Core Image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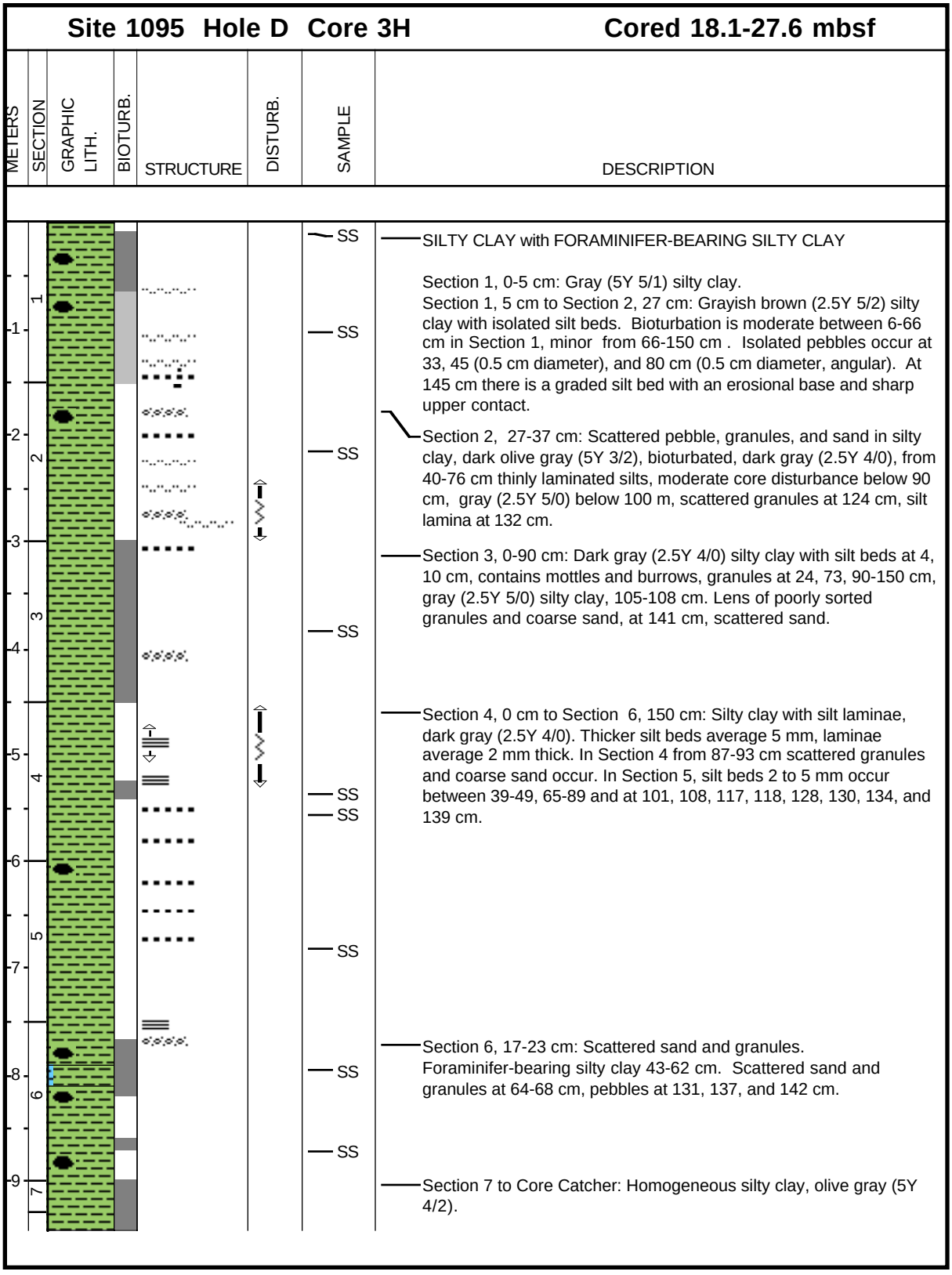
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
CLAY, SILTY CLAY and DIATOM-BEARING CLAY WITH FORAMINIFERAL CLAYEY SILT.
Section 1, 0-150 cm: Sandy silty clay, brown (10YR 6/3), strongly deformed by drilling from 0-80 cm. Ice rafted debris including granite and other igneous rocks at 10, 20, 52, 70, 128 cm, ranging in size from 2-5 cm. Below 80 cm weak laminations are apparent with some bioturbation. Coarser sandy bed at 90-91 cm.
Section 2, 0 cm to Section 3, 45 cm: Diatom-bearing clay, gray (N4) and silty at top changing gradually to gray (5Y 5/1) in Section 2, 90cm. No apparent structure and likely bioturbated throughout. Scattered sand/granule grains. Igneous ice rafted debris in Section 2, 40 cm (5 cm in size) and 90 cm (2 cm in size)
Section 3, 45 cm to Section 6, 90 cm: Clay main color grayish brown (2.5Y 5/2) in Section 3. Olive gray to gray (5Y 5/2 to 5Y 5/1) in Sections 4 and 5, dark gray (5Y 4/1 to N4) in Section 6. Diatom content decreased downwards in Section 3 from overlying unit. Faint color banding (browner/grayer), minor bioturbation visible around silt laminae. Scattered sand/granule-sized ice rafted debris; poorly sorted sand forms thin layers in Section 3, 75 and 125 cm, and Section 4, 28-32 and 92-94 cm. From Section 4, 115 cm to base of unit scattered sand grains occur in thin diffuse layers. Rhythmically interbedded thin (<1 cm) sharp topped silt laminae occur from top of unit to Section 4, 6 cm; in Section 4, 40 cm; Section 4, 90-140 cm; and Section 5, 35-60 cm.
Volcanic agglomerate (volcaniclastic) ice rafted pebble in Section 3, 115 cm. Ice-rafted volcanic pebbles in Section 4, 68 cm (3 cm diameter) and 82 cm (6 cm diameter). Granodiorite pebble in Section 5, 130 cm (3 cm, subangular).
Section 6, 90 cm to base of core: Clayey silt, gray (5Y 5/1) with carbonate content increasing downwards to foraminiferal clayey silt in Section 7, 17-30 cm. Structureless, probably thoroughly bioturbated. Scattered sand grains.

Core Image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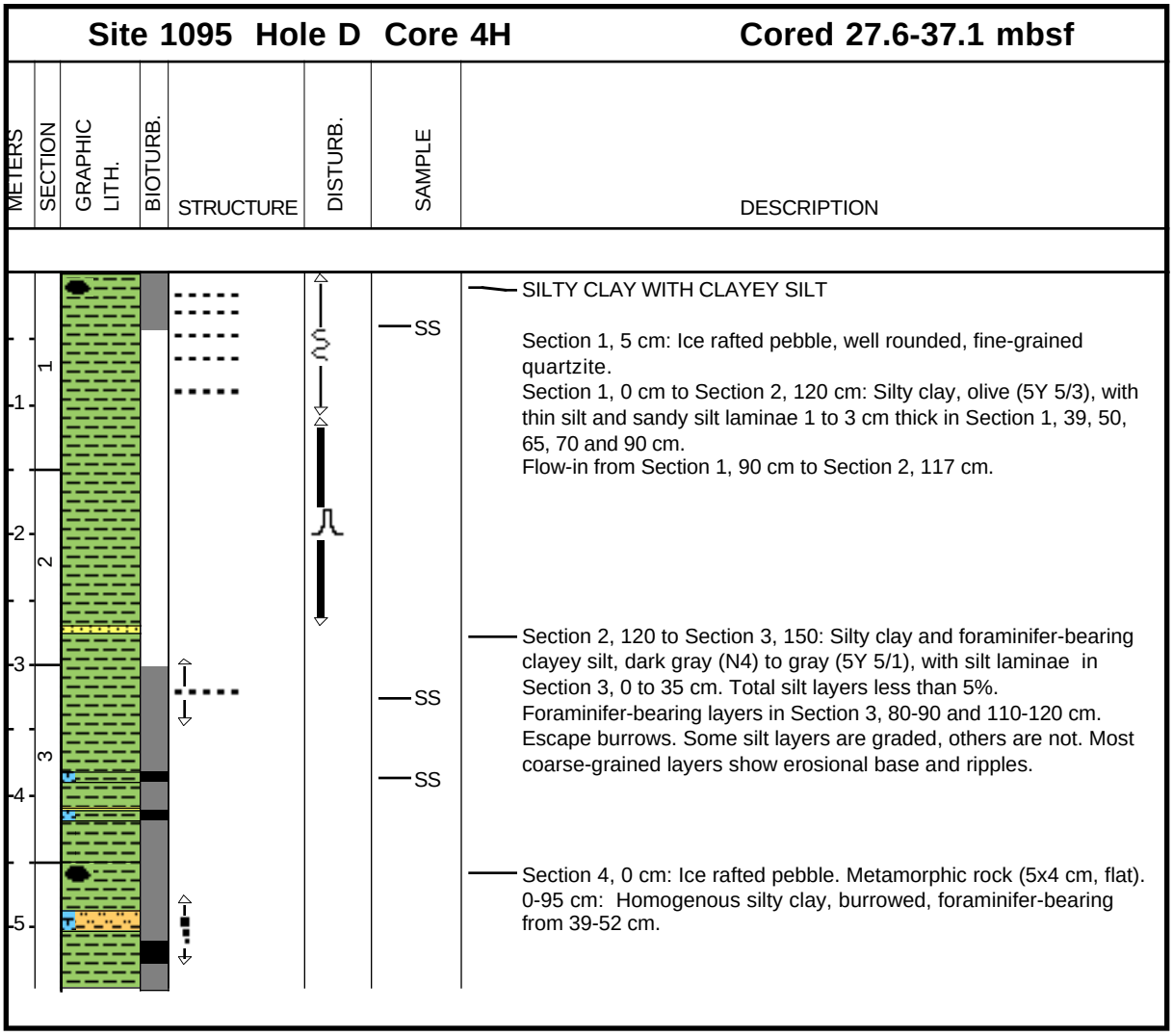
Cored 18.1-27.6 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
SILTY CLAY with FORAMINIFER-BEARING SILTY CLAY
Section 1, 0-5 cm: Gray (5Y 5/1) silty clay.
Section 1, 5 cm to Section 2, 27 cm: Grayish brown (2.5Y 5/2) silty clay with isolated silt beds. Bioturbation is moderate between 6-66 cm in Section 1, minor from 66-150 cm . Isolated pebbles occur at 33, 45 (0.5 cm diameter), and 80 cm (0.5 cm diameter, angular). At 145 cm there is a graded silt bed with an erosional base and sharp upper contact.
Section 2, 27-37 cm: Scattered pebble, granules, and sand in silty clay, dark olive gray (5Y 3/2), bioturbated, dark gray (2.5Y 4/0), from 40-76 cm thinly laminated silts, moderate core disturbance below 90 cm, gray (2.5Y 5/0) below 100 m, scattered granules at 124 cm, silt lamina at 132 cm.
Section 3, 0-90 cm: Dark gray (2.5Y 4/0) silty clay with silt beds at 4, 10 cm, contains mottles and burrows, granules at 24, 73, 90-150 cm, gray (2.5Y 5/0) silty clay, 105-108 cm. Lens of poorly sorted granules and coarse sand, at 141 cm, scattered sand.
Section 4, 0 cm to Section 6, 150 cm: Silty clay with silt laminae, dark gray (2.5Y 4/0). Thicker silt beds average 5 mm, laminae average 2 mm thick. In Section 4 from 87-93 cm scattered granules and coarse sand occur. In Section 5, silt beds 2 to 5 mm occur between 39-49, 65-89 and at 101, 108, 117, 118, 128, 130, 134, and 139 cm.
Section 6, 17-23 cm: Scattered sand and granules. Foraminifer-bearing silty clay 43-62 cm. Scattered sand and granules at 64-68 cm, pebbles at 131, 137, and 142 cm.
Section 7 to Core Catcher: Homogeneous silty clay, olive gray (5Y 4/2).

Core Image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METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SILTY CLAY WITH CLAYEY SILT
Section 1, 5 cm: Ice rafted pebble, well rounded, fine-grained quartzite.
Section 1, 0 cm to Section 2, 120 cm: Silty clay, olive (5Y 5/3), with thin silt and sandy silt laminae 1 to 3 cm thick in Section 1, 39, 50, 65, 70 and 90 cm.
Flow-in from Section 1, 90 cm to Section 2, 117 cm.
Section 2, 120 to Section 3, 150: Silty clay and foraminifer-bearing clayey silt, dark gray (N4) to gray (5Y 5/1), with silt laminae in Section 3, 0 to 35 cm. Total silt layers less than 5%.
Foraminifer-bearing layers in Section 3, 80-90 and 110-120 cm.
Escape burrows. Some silt layers are graded, others are not. Most coarse-grained layers show erosional base and ripples.
Section 4, 0 cm: Ice rafted pebble. Metamorphic rock (5x4 cm, flat).
0-95 cm: Homogenous silty clay, burrowed, foraminifer-bearing from 39-52 cm.
SS
SS
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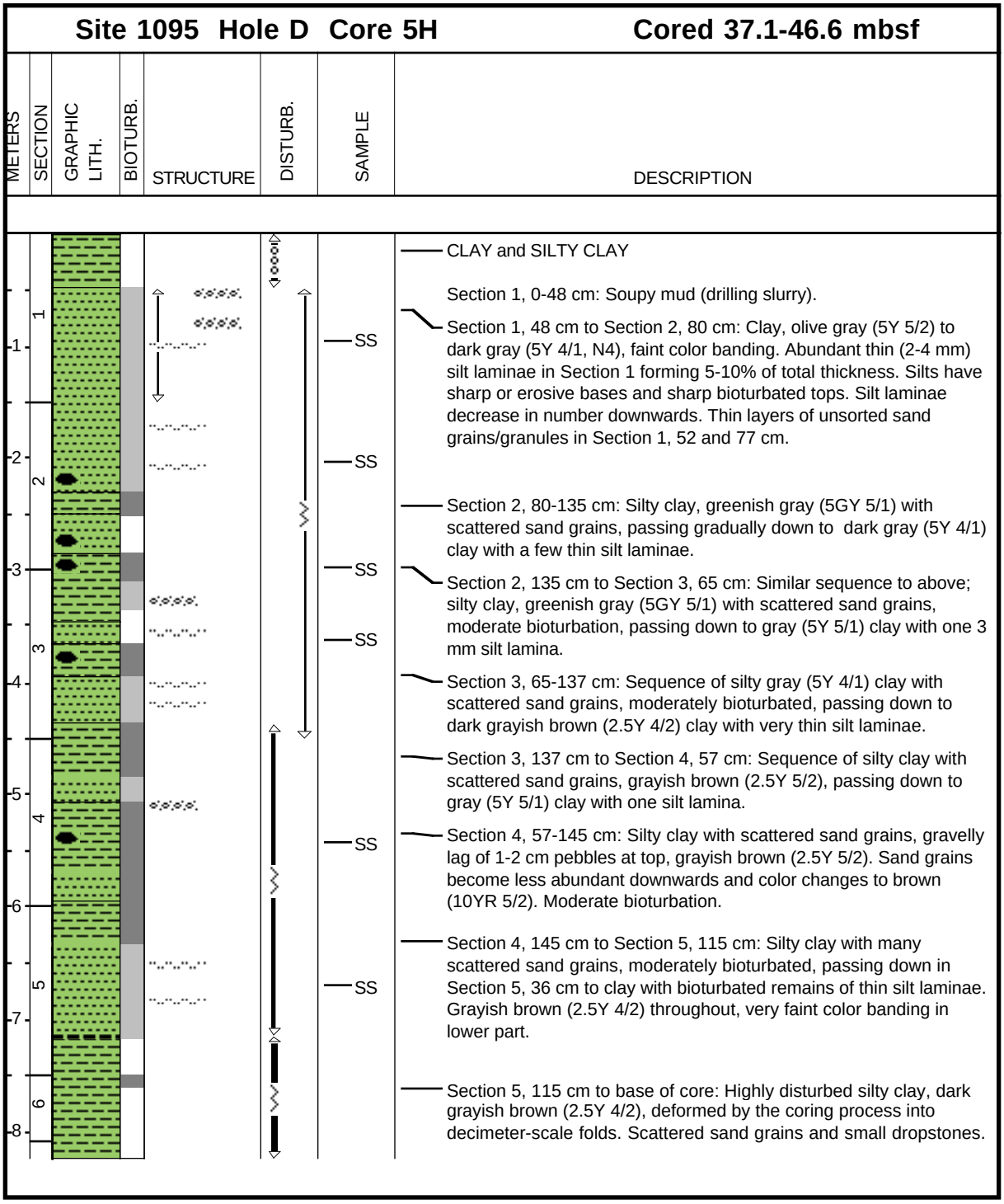
-2
-3
-4
-5

Core Image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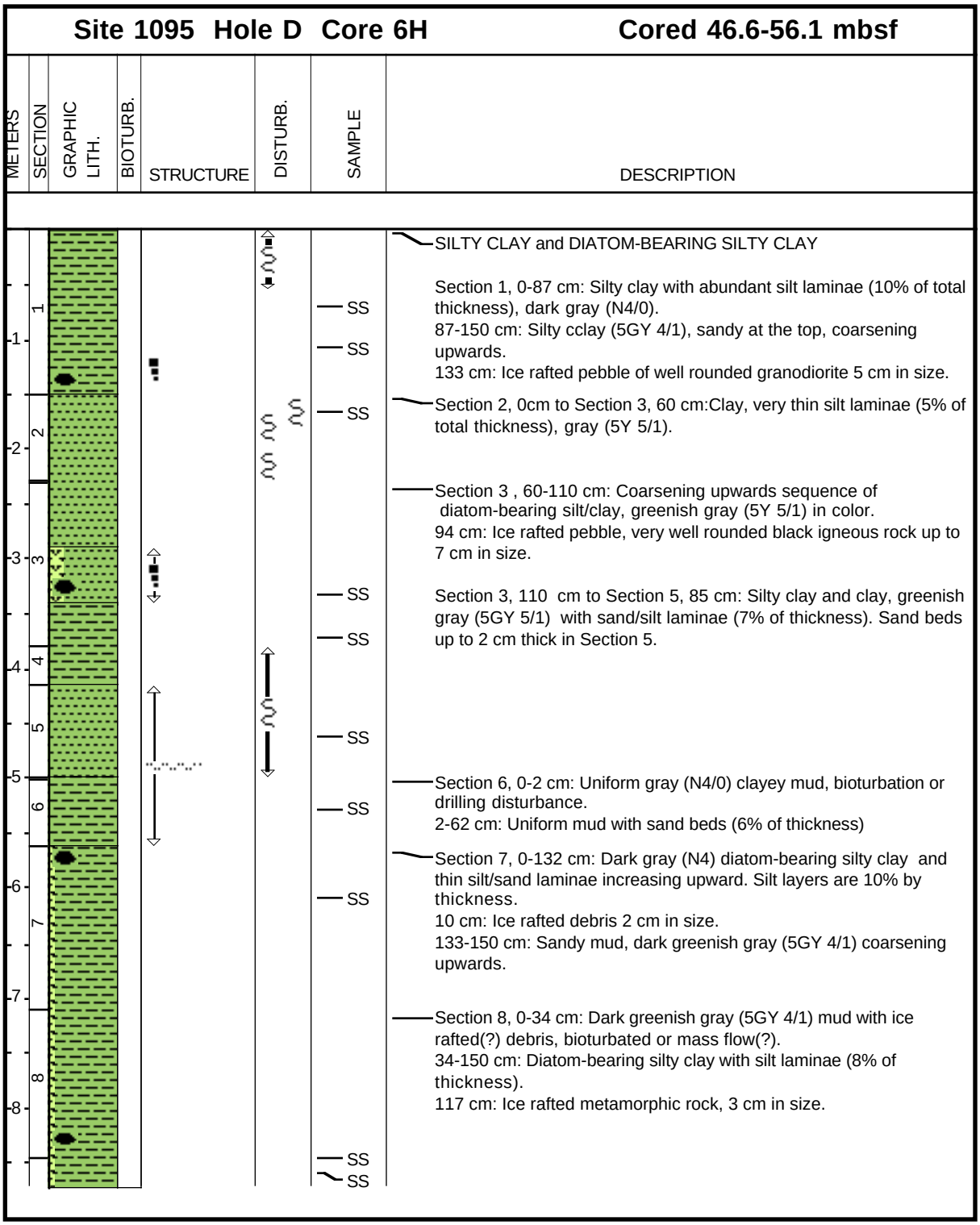
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
CLAY and SILTY CLAY
Section 1, 0-48 cm: Soupy mud (drilling slurry).
Section 1, 48 cm to Section 2, 80 cm: Clay, olive gray (5Y 5/2) to dark gray (5Y 4/1, N4), faint color banding. Abundant thin (2-4 mm) silt laminae in Section 1 forming 5-10% of total thickness. Silts have sharp or erosive bases and sharp bioturbated tops. Silt laminae decrease in number downwards. Thin layers of unsorted sand grains/granules in Section 1, 52 and 77 cm.
Section 2, 80-135 cm: Silty clay, greenish gray (5GY 5/1) with scattered sand grains, passing gradually down to dark gray (5Y 4/1) clay with a few thin silt laminae.
Section 2, 135 cm to Section 3, 65 cm: Similar sequence to above; silty clay, greenish gray (5GY 5/1) with scattered sand grains, moderate bioturbation, passing down to gray (5Y 5/1) clay with one 3 mm silt lamina.
Section 3, 65-137 cm: Sequence of silty gray (5Y 4/1) clay with scattered sand grains, moderately bioturbated, passing down to dark grayish brown (2.5Y 4/2) clay with very thin silt laminae.
Section 3, 137 cm to Section 4, 57 cm: Sequence of silty clay with scattered sand grains, grayish brown (2.5Y 5/2), passing down to gray (5Y 5/1) clay with one silt lamina.
Section 4, 57-145 cm: Silty clay with scattered sand grains, gravelly lag of 1-2 cm pebbles at top, grayish brown (2.5Y 5/2). Sand grains become less abundant downwards and color changes to brown (10YR 5/2). Moderate bioturbation.
Section 4, 145 cm to Section 5, 115 cm: Silty clay with many scattered sand grains, moderately bioturbated, passing down in Section 5, 36 cm to clay with bioturbated remains of thin silt laminae. Grayish brown (2.5Y 4/2) throughout, very faint color banding in lower part.
Section 5, 115 cm to base of core: Highly disturbed silty clay, dark grayish brown (2.5Y 4/2), deformed by the coring process into decimeter-scale folds. Scattered sand grains and small dropstones.

Core Image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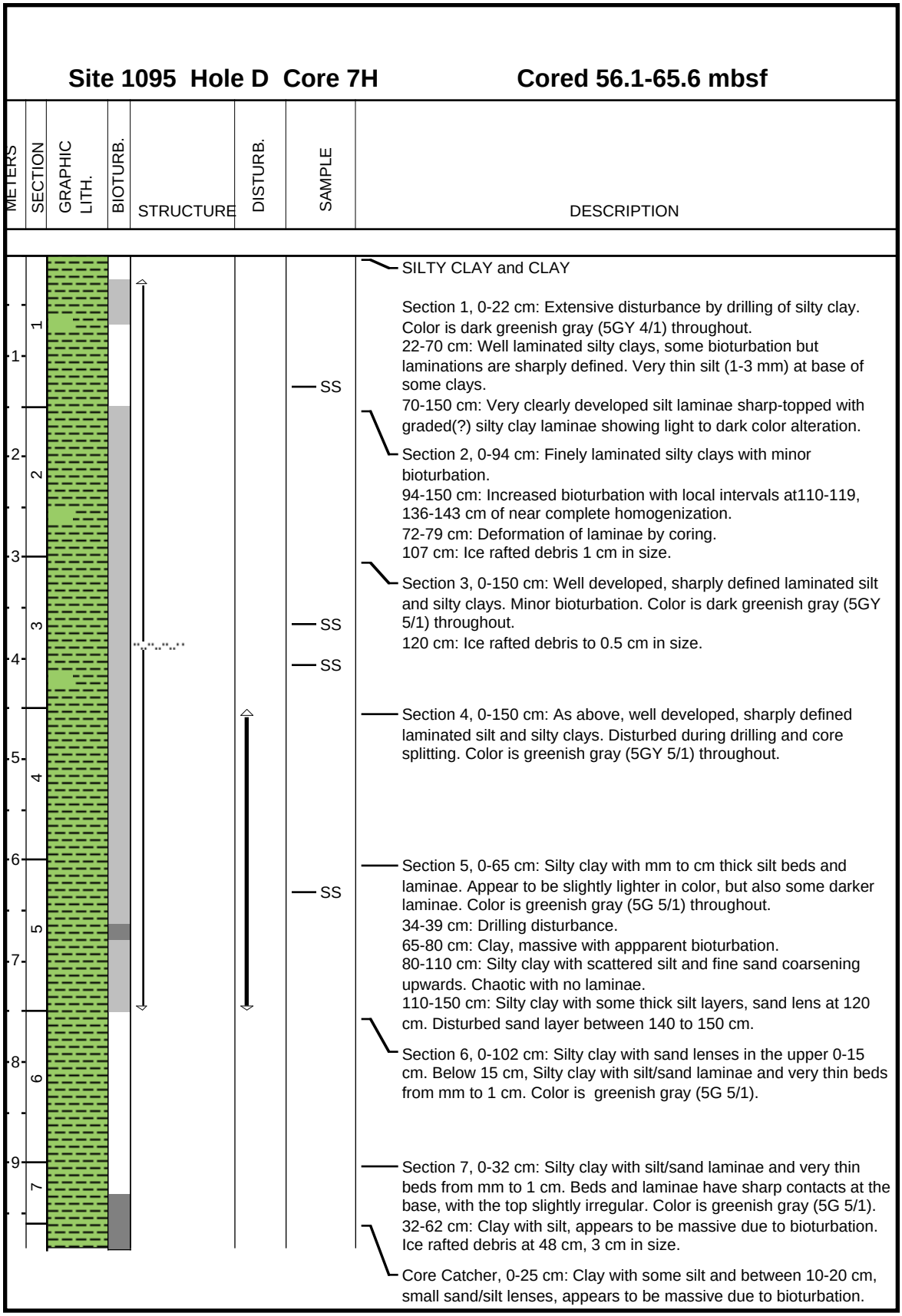
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SILTY CLAY and DIATOM-BEARING SILTY CLAY
Section 1, 0-87 cm: Silty clay with abundant silt laminae (10% of total thickness), dark gray (N4/0).
87-150 cm: Silty cclay (5GY 4/1), sandy at the top, coarsening upwards.
133 cm: Ice rafted pebble of well rounded granodiorite 5 cm in size.
Section 2, 0cm to Section 3, 60 cm:Clay, very thin silt laminae (5% of total thickness), gray (5Y 5/1).
Section 3 , 60-110 cm: Coarsening upwards sequence of diatom-bearing silt/clay, greenish gray (5Y 5/1) in color.
94 cm: Ice rafted pebble, very well rounded black igneous rock up to 7 cm in size.
Section 3, 110 cm to Section 5, 85 cm: Silty clay and clay, greenish gray (5GY 5/1) with sand/silt laminae (7% of thickness). Sand beds up to 2 cm thick in Section 5.
Section 6, 0-2 cm: Uniform gray (N4/0) clayey mud, bioturbation or drilling disturbance.
2-62 cm: Uniform mud with sand beds (6% of thickness)
Section 7, 0-132 cm: Dark gray (N4) diatom-bearing silty clay and thin silt/sand laminae increasing upward. Silt layers are 10% by thickness.
10 cm: Ice rafted debris 2 cm in size.
133-150 cm: Sandy mud, dark greenish gray (5GY 4/1) coarsening upwards.
Section 8, 0-34 cm: Dark greenish gray (5GY 4/1) mud with ice rafted(?) debris, bioturbated or mass flow(?).
34-150 cm: Diatom-bearing silty clay with silt laminae (8% of thickness).
117 cm: Ice rafted metamorphic rock, 3 cm in size.
SS

Core Image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Cored 56.1-65.6 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SS
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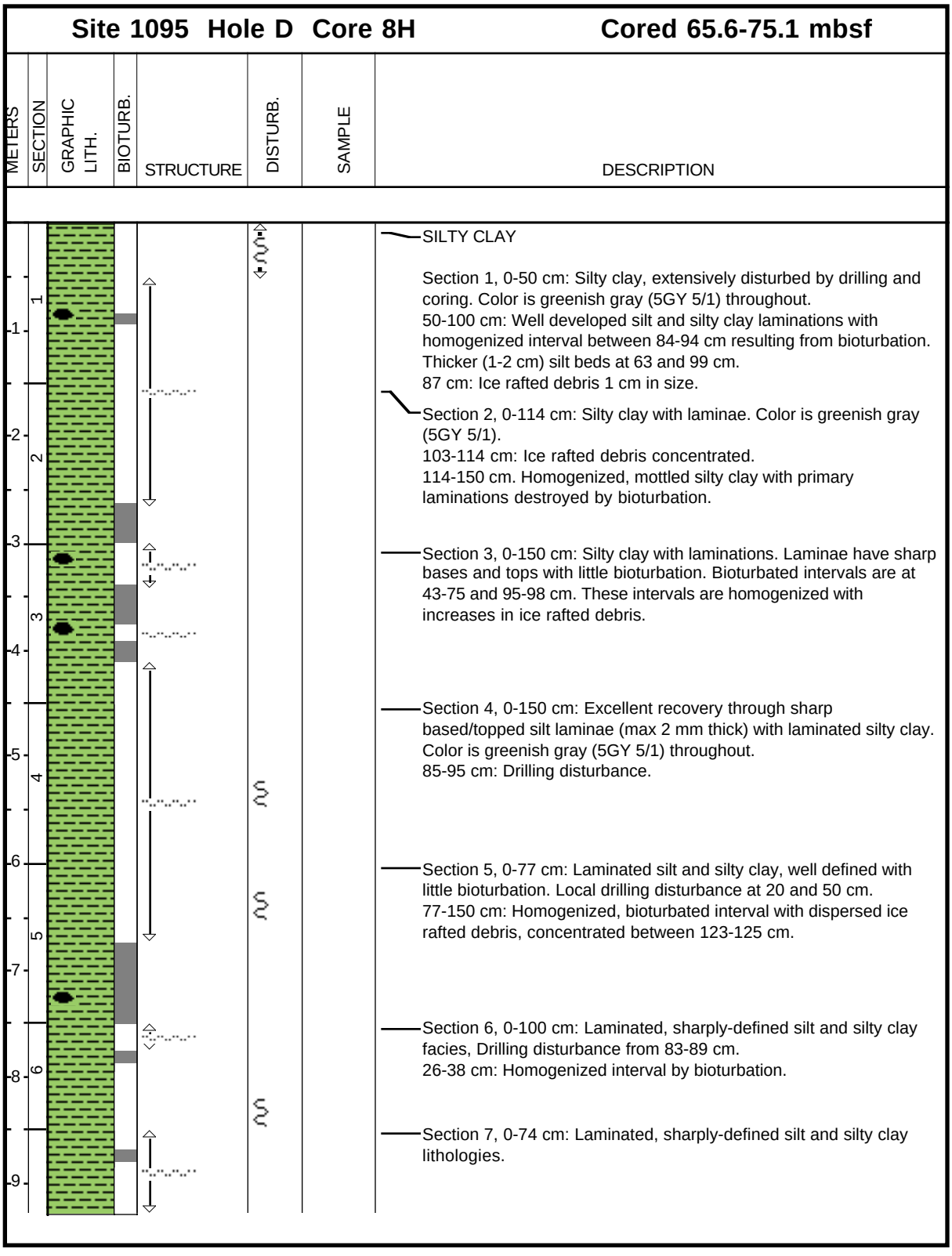
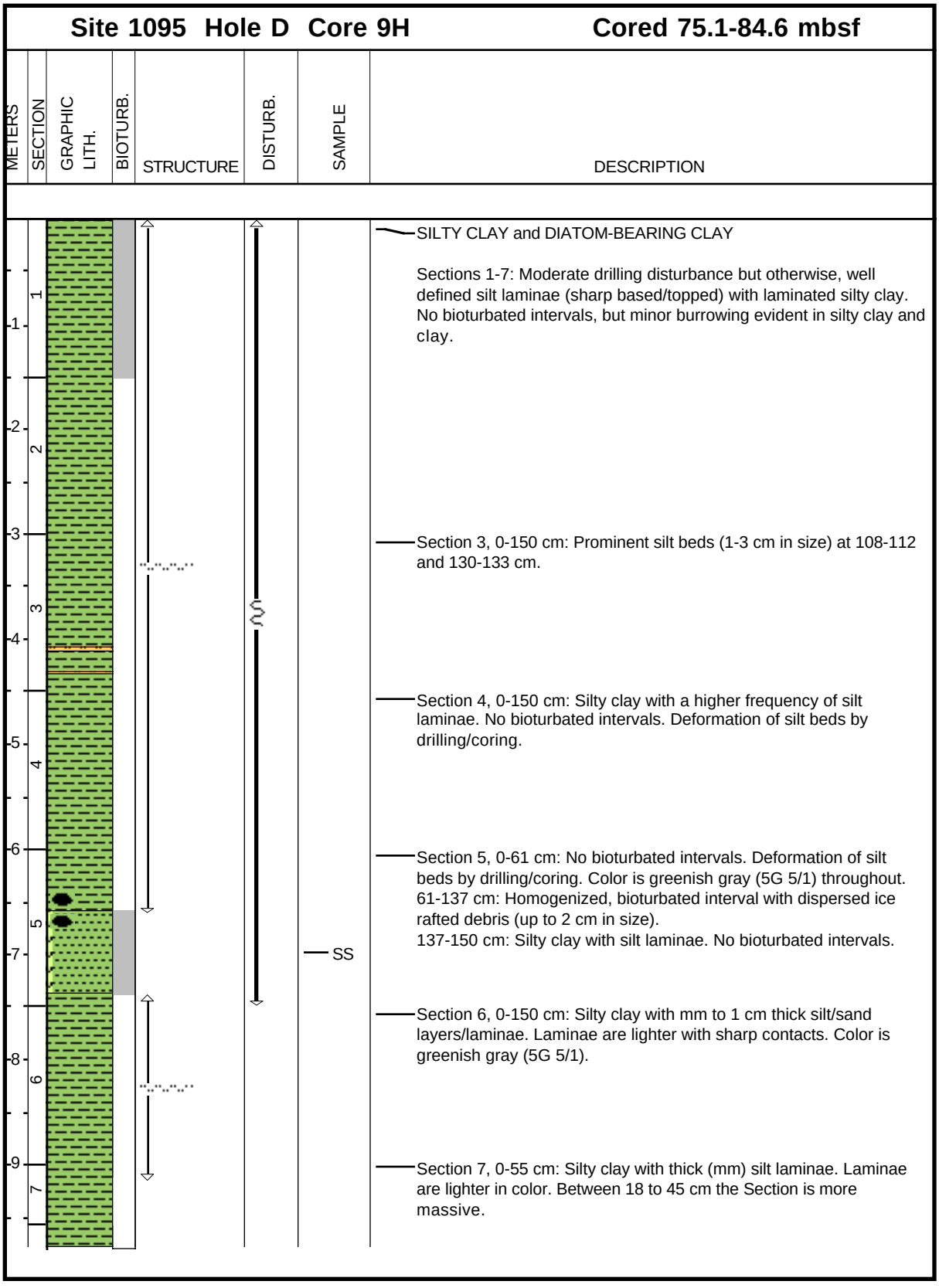
SS
SILTY CLAY and CLAY
Section 1, 0-22 cm: Extensive disturbance by drilling of silty clay. Color is dark greenish gray (5GY 4/1) throughout.
22-70 cm: Well laminated silty clays, some bioturbation but laminations are sharply defined. Very thin silt (1-3 mm) at base of some clays.
70-150 cm: Very clearly developed silt laminae sharp-topped with graded(?) silty clay laminae showing light to dark color alteration.
Section 2, 0-94 cm: Finely laminated silty clays with minor bioturbation.
94-150 cm: Increased bioturbation with local intervals at110-119, 136-143 cm of near complete homogenization.
72-79 cm: Deformation of laminae by coring.
107 cm: Ice rafted debris 1 cm in size.
Section 3, 0-150 cm: Well developed, sharply defined laminated silt and silty clays. Minor bioturbation. Color is dark greenish gray (5GY 5/1) throughout.
120 cm: Ice rafted debris to 0.5 cm in size.
Section 4, 0-150 cm: As above, well developed, sharply defined laminated silt and silty clays. Disturbed during drilling and core splitting. Color is greenish gray (5GY 5/1) throughout.
Section 5, 0-65 cm: Silty clay with mm to cm thick silt beds and laminae. Appear to be slightly lighter in color, but also some darker laminae. Color is greenish gray (5G 5/1) throughout.
34-39 cm: Drilling disturbance.
65-80 cm: Clay, massive with appparent bioturbation.
80-110 cm: Silty clay with scattered silt and fine sand coarsening upwards. Chaotic with no laminae.
110-150 cm: Silty clay with some thick silt layers, sand lens at 120 cm. Disturbed sand layer between 140 to 150 cm.
Section 6, 0-102 cm: Silty clay with sand lenses in the upper 0-15 cm. Below 15 cm, Silty clay with silt/sand laminae and very thin beds from mm to 1 cm. Color is greenish gray (5G 5/1).
Section 7, 0-32 cm: Silty clay with silt/sand laminae and very thin beds from mm to 1 cm. Beds and laminae have sharp contacts at the base, with the top slightly irregular. Color is greenish gray (5G 5/1).
32-62 cm: Clay with silt, appears to be massive due to bioturbation. Ice rafted debris at 48 cm, 3 cm in size.
Core Catcher, 0-25 cm: Clay with some silt and between 10-20 cm, small sand/silt lenses, appears to be massive due to bioturbation.

Core Image


Site 1095 Hole D Core 8H Cored 65.6-75.1 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SILTY CLAY
Section 1, 0-50 cm: Silty clay, extensively disturbed by drilling and coring. Color is greenish gray (5GY 5/1) throughout.
50-100 cm: Well developed silt and silty clay laminations with homogenized interval between 84-94 cm resulting from bioturbation. Thicker (1-2 cm) silt beds at 63 and 99 cm.
87 cm: Ice rafted debris 1 cm in size.
Section 2, 0-114 cm: Silty clay with laminae. Color is greenish gray (5GY 5/1).
103-114 cm: Ice rafted debris concentrated.
114-150 cm. Homogenized, mottled silty clay with primary laminations destroyed by bioturbation.
Section 3, 0-150 cm: Silty clay with laminations. Laminae have sharp bases and tops with little bioturbation. Bioturbated intervals are at 43-75 and 95-98 cm. These intervals are homogenized with increases in ice rafted debris.
Section 4, 0-150 cm: Excellent recovery through sharp based/topped silt laminae (max 2 mm thick) with laminated silty clay. Color is greenish gray (5GY 5/1) throughout.
85-95 cm: Drilling disturbance.
Section 5, 0-77 cm: Laminated silt and silty clay, well defined with little bioturbation. Local drilling disturbance at 20 and 50 cm.
77-150 cm: Homogenized, bioturbated interval with dispersed ice rafted debris, concentrated between 123-125 cm.
Section 6, 0-100 cm: Laminated, sharply-defined silt and silty clay facies, Drilling disturbance from 83-89 cm.
26-38 cm: Homogenized interval by bioturbation.
Section 7, 0-74 cm: Laminated, sharply-defined silt and silty clay lithologies.

Core Image


Site 1095 Hole D Core 9H Cored 75.1-84.6 mbsf
METERS
SECTION
GRAPHIC LITH.
BIOTURB.
STRUCTURE
DISTURB.
SAMPLE
DESCRIPTION
SILTY CLAY and DIATOM-BEARING CLAY
Sections 1-7: Moderate drilling disturbance but otherwise, well defined silt laminae (sharp based/topped) with laminated silty clay. No bioturbated intervals, but minor burrowing evident in silty clay and clay.
Section 3, 0-150 cm: Prominent silt beds (1-3 cm in size) at 108-112 and 130-133 cm.
Section 4, 0-150 cm: Silty clay with a higher frequency of silt laminae. No bioturbated intervals. Deformation of silt beds by drilling/coring.
Section 5, 0-61 cm: No bioturbated intervals. Deformation of silt beds by drilling/coring. Color is greenish gray (5G 5/1) throughout.
61-137 cm: Homogenized, bioturbated interval with dispersed ice rafted debris (up to 2 cm in size).
137-150 cm: Silty clay with silt laminae. No bioturbated intervals.
SS
Section 6, 0-150 cm: Silty clay with mm to 1 cm thick silt/sand layers/laminae. Laminae are lighter with sharp contacts. Color is greenish gray (5G 5/1).
Section 7, 0-55 cm: Silty clay with thick (mm) silt laminae. Laminae are lighter in color. Between 18 to 45 cm the Section is more massive.

	Note: 0.5 equal to tr.											Size					Composition - Siliciclastic													Composition - Biogenic										
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Depth (mcd)	Described by	Major lithology (1)	Minor lithology (2)	Sand	Silt	sum {sand+silt}	Clay	sum {sand+silt+clay}	Quartz	Feldspar	Clay (too fine to identify)	Mica	Glauconite	Rock Fragments	Volcanic Glass	Acc. Minerals	Carbonate	Opaque	Framboids/micronodules	Other	Terrigenous (tot silcd.-clay counts)	Total siliciclastic	Nannofossils	Foraminifers	Diatoms	Radiolarians	Coccolith	Silicoflagellates	Sponge Spicules	Shell debris	unidentified/other	Total Biogenic	Sediment or Rock Name
178	1095	A	1	H	1	0	0.00		eac	1		5	70	75	25	100	19.0	5.0	25.0					1.0					25.0	50			49.0				1.0			50	muddy Diatom ooze
178	1095	A	1	H	1	80	0.80		eac	1		0	20	20	80	100	4.0		80.0					1.0					15.0	95			4.0				1.0			5	clay
178	1095	A	1	H	1	140	1.40		eac	1		1	40	41	59	100	29.0	5.0	59.0					2.0					36.0	95										5	silty clay
178	1095	A	1	H	2	40	1.90		eac	1		2	20	22	78	100	9.0		70.0					1.0					10.0	80		2.0	18.0							20	Diatom-bearing clay
178	1095	A	1	H	2	69.5	2.20		eac	1		0	30	30	70	100	8.0		70.0					2.0					10.0	80		0.5	20.0							20	Diatom-bearing silty clay
178	1095	A	1	H	2	115	2.65		eac	1		1	20	21	79	100	5.0		79.0					1.0					6.0	85			15.0							15	Diatom-bearing clay
178	1095	A	1	H	3	2	3.02		eac	1		0	20	20	80	100	13.0		80.0					2.0					15.0	95			5.0							5	clay
178	1095	A	1	H	3	80	3.80		eac	1		0	20	20	80	100	3.0	1.0	80.0					1.0					5.0	85			15.0							15	Diatom-bearing clay
178	1095	A	1	H	3	120	4.20		eac	1		1	20	21	79	100	5.0	5.0	79.0					1.0					11.0	90			10.0							10	Diatom-bearing clay
178	1095	A	1	H	3	150	4.50		eac	1		0	60	60	40	100	1.0	2.0	30.0					1.0					10.0	40		1.0	56.0	2.0			1.0			60	muddy Diatom ooze
178	1095	A	1	H	4	5	4.55		eac	1		0	60	60	40	100	4.0		40.0					1.0					5.0	45			52.0	1.0			2.0			55	muddy Diatom ooze
178	1095	A	1	H	4	40	4.90		eac	1		0	20	20	80	100														80			19.0				1.0			20	Diatom-bearing clay
178	1095	A	1	H	4	93	5.43		eac	1		0	60	60	40	100														40			59.0				1.0			60	muddy Diatom ooze
178	1095	A	1	H	4	120	5.70		eac	1		1	30	31	69	100														90			8.0				2.0			10	silty clay
178	1095	A	2	H	1	87	6.77		cjp	1		1	59	60	40	100	21.0	10.0	40.0			20.0		5.0		2.0			58.0	98		1.0	1.0							2	clayey silt
178	1095	A	2	H	1	118	7.08		cjp	1		1	40	41	59	100	16.0	5.0	59.0			10.0		2.0		1.0			31.0	90			10.0							10	Diatom-bearing silty clay
178	1095	A	2	H	1	135	7.25		eac	1		30	10	40	60	100														100										0	Clayey mud
178	1095	A	2	H	2	14	7.54		eac	1		0	20	20	80	100														95			4.0	1.0						5	Clay
178	1095	A	2	H	3	20	9.10		cjp	1		1	20	21	79	100			79.0										20.0	99			1.0							1	Clay
178	1095	A	2	H	3	130	10.20		cjp	1		1	40	41	59	100			59.0										36.0	95			5.0							5	Silty clay
178	1095	A	2	H	4	140	11.80		eac	1		0	30	30	70	100														100										0	Silty clay
178	1095	A	3	H	3	9	13.49		ce	1		0	40	40	60	100			60.0										38.0	98			2.0							2	Silty clay
178	1095	A	3	H	3	95	14.35		ce	1		0	10	10	90	100														100										0	Clay
178	1095	A	3	H	4	5	14.95		ce	1		0	10	10	90	100														100			tr							0	Clay
178	1095	A	3	H	4	76	15.68		ce	1		0	40	40	60	100														80			15.0				5.0			20	Diatom-bearing silty clay
178	1095	A	3	H	4	117	16.07		ce	1		0	10	10	90	100														99			1.0							1	Clay
178	1095	A	3	H	5	10	16.56		ce	1		1	39	40	60	100			60.0										25.0	85			15.0							15	Diatom-bearing silty clay
178	1095	A	3	H	6	75	17.53		ce	1		0	40	40	60	100														80			15.0				5.0			20	Diatom-bearing silty clay
178	1095	A	3	H	6	97	17.75		ce	1		0	30	30	70	100														97			3.0							3	Silty clay
178	1095	A	3	H	7	10	18.15		ce	1		0	10	10	90	100														97			2.0				1.0			3	Clay
178	1095	A	3	H	7	92	18.97		ce	1		0	10	10	90	100														100										0	Clay
178	1095	A	3	H	8	46	19.45		ce	1		0	25	25	75	100														100										0	Silty clay
178	1095	A	4	H	2	65	22.95		ce	1		0	15	15	85	100														100										0	Clay
178	1095	A	4	H	3	65	24.45		ce	1		0	25	25	75	100														100										0	Silty clay
178	1095	A	4	H	4	65	25.95		ce	1		0	30	30	70	100														90			10.0							10	Diatom-bearing silty clay
178	1095	A	4	H	4	135	26.65		ce	1		0	15	15	85	100														100										0	Clay
178	1095	A	4	H	5	40	27.20		ce	1		0	30	30	70	100														85			14.0				1.0			15	Diatom-bearing silty clay
178	1095	A	4	H	5	95	27.75		ce	1		0	30	30	70	100														90			10.0							10	Diatom-bearing silty clay
178	1095	A	4	H	6	35	28.15		ce	1		0	25	25	75	100														100										0	Silty clay
178	1095	A	5	H	2	30	32.10		ce	1		0	10	10	90	100														100										0	Clay
178	1095	A	5	H	2	120	33.00		ce	1		0	5	5	95	100														100										0	Clay
178	1095	A	5	H	3	40	33.70		ce	1		0	25	25	75	100														100										0	Silty clay
178	1095	A	5	H	3	124	34.54		eac	1		0	30	30	70	100														100										0	Silty clay
178	1095	A	5	H	4	68	35.48		ce	1		0	10	10	90	100														100										0	Silty clay
178	1095	A	5	H	5	73	37.03		eac	1		0	10	10	90	100														100										0	Clay
178	1095	A	5	H	6	37	38.17		eac	1		0	10	10	90	100														100										0	Clay
178	1095	A	6	H	2	44	41.74		wlf	1		0	15	15	85	100			80.0										20.0	100										0	Clay
178	1095	A	6	H	2	130	42.60		wlf	1		0	5	5	95	100														100										0	Clay
178	1095	A	6	H	3	34	43.14		wlf	1		5	15	20	80	100	10.0	4.0	85.0	1.0									15.0	100										0	Clay
178	1095	A	6	H	3	122	44.02		wlf	1		5	95	100	0	100	100.0													100										0	Silt
178	1095	A	6	H	4	138	45.68		wlf	1		0	35	35	65	100	30.0	20.0	40.0									10.0	60.0	100										0	Silty clay
178	1095	A	6	H	5	31	46.11		wlf	1		0	70	70	30	100	70.0	10.0	5.0	5.0		5.0							95.0	100										0	Clayey silt
178	1095	A	6	H	5	102	46.82		ne	1		0	5	5	95	100	95.0		5.0										95.0	100										0	Clay
178	1095	A	6	H	6	26	47.56		wlf	1		0	30	30	70	100	30.0	4.0	60.0	5.0									40.0	100										0	Silty clay
178	1095	A	6	H	6	86	48.16		ne	1		0	5	5	95	100														100										0	Clay
178	1095	A	7	H	2	27	51.07		wlf	1		0	15	15	85	100	20.0	3.0	70.0	2.0									25.0	95			5.0							5	Clay
178	1095	A	7	H	2	126	52.06		wlf	1		0	20	20	80	100	20.0	2.0	70.0	1.0									23.0	93			5.0				2.0			7	Clay
178	1095	A	7	H	3	87	53.17		ne	1		10	40	50	50	100	50.0		50.0										50.0	100										0	Clayey mud

	Note: 0.5 equal to tr.											Size					Composition - Siliciclastic													Composition - Biogenic										
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Depth (mcd)	Described by	Major lithology (1)	Minor lithology (2)	Sand	Silt	sum {sand+silt}	Clay	sum {sand+silt+clay}	Quartz	Feldspar	Clay (too fine to identify)	Mica	Glauconite	Rock Fragments	Volcanic Glass	Acc. Minerals	Carbonate	Opaque	Framboids/micronodules	Other	Terrigenous (tot silcd.-clay counts)	Total siliciclastic	Nannofossils	Foraminifers	Diatoms	Radiolarians	Coccolith	Silicoflagellates	Sponge Spicules	Shell debris	unidentified/other	Total Biogenic	Sediment or Rock Name
178	1095	A	7	H	4	15	53.95		wlf	1		30	60	90	10	100	25.0	5.0	10.0	2.0					2.0			1.0	90.0	100			2.0				3.0			5	Silty mud
178	1095	A	7	H	4	68	54.48		wlf	1		0	15	15	85	100	15.0	5.0	70.0	2.0								1.0	23.0	93			5.0				2.0			7	Clay
178	1095	A	7	H	5	30	55.60		wlf	1		5	25	30	70	100	20.0	5.0	60.0	3.0									40.0	100			5.0				2.0			7	Silty clay
178	1095	A	7	H	6	80	57.60		wlf	1		3	25	28	72	100	25.0	3.0	60.0	2.0									30.0	90			5.0				5.0			10	Silty clay
178	1095	A	7	H	7	40	58.70		ne	1		10	45	55	55	100	45.0					55.0							100										0	Clayey mud
178	1095	A	8	H	3	121	63.01		wlf	1		0	25	25	75	100	15.0	5.0	60.0	3.0								2.0	25.0	85			10.0				5.0			15	Diatom-bearing silty clay
178	1095	A	8	H	5	78	65.58		wlf	1		0	15	15	85	100	22.0	2.0	70.0	3.0									27.0	97			2.0				1.0			3	Clay
178	1095	A	9	H	1	72	69.02		wlf	1		70	25	95	5	100	60.0	10.0	20.0	3.0	1.0							1.0	75.0	95							5.0			5	Silty sand
178	1095	A	9	H	1	86	69.16		wlf	1		5	35	40	60	100	20.0	4.0	50.0	1.0									25.0	75			15.0				10.0			25	Diatom-bearing sandy silt
178	1095	A	9	H	2	98	70.78		wlf	1		55	40	95	5	100	40.0	10.0	5.0	5.0		20.0							75.0	80			15.0				5.0			25	Diatom-bearing sandy silt
178	1095	A	9	H	3	124	72.54		wlf	1		20	60	80	20	100	30.0	20.0	45.0	3.0									53.0	98							2.0			2	Silty mud
178	1095	A	9	H	4	97	73.77		wlf	1		60	35	95	5	100	40.0	15.0	30.0	2.0								10.0	67.0	97			1.0				2.0			3	Sandy mud
178	1095	A	9	H	5	28	74.28		wlf	1		35	60	95	5	100	35.0	20.0	21.0	5.0								10.0	70.0	91		1.0	5.0				3.0			9	Sandy mud
178	1095	A	9	H	5	24	74.54		wlf	1		30	65	95	5	100	30.0	18.0	30.0	4.0								10.0	62.0	92			5.0				3.0			8	Sandy mud
178	1095	A	9	H	5	26	74.56		wlf	1		35	60	95	5	100	35.0	20.0	22.0	5.0								10.0	70.0	92			5.0				3.0			8	Sandy mud
178	1095	A	9	H	6	67	76.47		wlf	1		30	60	90	10	100	30.0	8.0	40.0	4.0								2.0	44.0	84			8.0				8.0			16	Diatom-bearing silty mud
178	1095	A	9	H	7	18	77.48		wlf	1		35	60	95	5	100	30.0	15.0	30.0	5.0								5.0	55.0	85		1.0	10.0				4.0			15	Diatom-bearing silty mud
178	1095	A	10	H	3	70	81.50		ne	1		5	40	45	55	100													100										0	Silty clay
178	1095	A	10	H	3	116	81.96		wlf	1		5	60	65	35	100	20.0	10.0	33.0	5.0	2.0							10.0	47.0	80			10.0				10.0			20	Diatom-bearing clayey silt
178	1095	A	10	H	5	50	84.30		wlf	1		0	60	60	40	100	30.0	15.0	30.0	5.0								10.0	60.0	90			5.0				5.0			10	Diatom-bearing clayey silt
178	1095	A	10	H	6	80	86.10		wlf	1		0	30	30	70	100	25.0	15.0	33.0	3.0									44.0	77			18.0				5.0			23	Diatom-bearing silty clay
	1096	A	6	H	1	61	40.21		wlf	1		0	20	20	80	100	15.0	5.0	70.0	1.0									26.0	96										4	Clay
178	1095	A	1	H	1	86	0.86		eac		2	2	23	25	70	100	28.0	5.0	80.0					1.0					15.0	95			5.0							5	silty clay
178	1095	A	2	H	1	71	6.61		cjp		2	2	30	32	68	100	7.0	3.0	50.0			7.0		1.0		1.0			19.0	69		1.0	30.0							31	Diatom silty clay
178	1095	A	2	H	2	40	7.80		eac		2	25	40	65	35	100													100										0	Silty mud
178	1095	A	2	H	3	90	9.80		wlf		2	10	30		60		30.0	15.0	25.0	5.0						2.0		15.0	72.0	97			2.0				1.0			3	silty clay
178	1095	A	2	H	4	24	10.64		cjp		2	1	30	31	69	100			69.0										26.0	95			5.0							5	Silty clay
178	1095	A	2	H	5	36	12.26		eac		2	5	65	70	30	100														90			3.0	6.0			1.0			10	Clayey silt
178	1095	A	3	H	6	45	17.23		eac		2	0	30	30	70	100														100										0	Silty clay
178	1095	A	3	H	6	127	18.05		wlf		2	15	50		35		30.0	15.0	28.0	5.0		10.0				2.0		5.0	67.0	95		3.0	2.0				1.0			5	silty mud
178	1095	A	3	H	8	53	19.52		ce		2	1	30	31	69	100														95			5.0							5	Silty clay
178	1095	A	5	H	1	94	31.24		eac		2	5	60		35		35.0		35.0										35.0	70		30.0							30	Foraminferal clayey silt
178	1095	A	5	H	2	92	32.72		ce		2	0	10	10	90	100														100			tr							0	Clay
178	1095	A	5	H	3	78	34.08		ce		2	2	38		60		25.0	10.0	64.0	3.0						3.0			25.0	89		3.0	5.0				3.0			11	silty clay
178	1095	A	5	H	4	127	36.07		ce		2	0	30	30	70	100														100										0	Silty clay
178	1095	A	6	H	1	106	40.86		ce		2	0	80		20		45.0	15.0	20.0	10.0					5.0	5.0			80.0	100										0	silt
178	1095	A	6	H	4	9	44.39		ce		2	1	24		70		20.0	15.0	57.0	2.0						5.0			40.0	97		3.0								3	silty clay
178	1095	A	7	H	1	69	49.99		ce		2	3	30		67		30.0	5.0	60.0							3.0		2.0	30.0	90		10.0								10	silty clay
178	1095	A	7	H	1	128	50.58		ce		2	25	25	50	50	100														80		20.0								20	Foram-bearing clayey mud
178	1095	A	7	H	6	8	56.88		eac		2	2	50		48		20.0	1.0	50.0									2.0	29.0	79		20.0	1.0				0.5			21	Foraminiferal clayey silt
178	1095	A	8	H	4	124	64.54		eac		2	6	50		44		40.0	6.0	46.0			0.5						2.0	48.0	94		4.0	2.0							6	clayey silt
178	1095	B	1	H	1	100	84.00		cjp	1		1	30	31	69	100														80			20.0				0.5			20	Diatom-bearing clayey mud
178	1095	B	1	H	2	54	85.04		cjp	1		0	20	20	80	100														79			20.0				1.0			21	Diatom-bearing clay
178	1095	B	1	H	3	82	86.82		cjp	1		0	15	15	85	100														90		0.5	10.0							10	Diatom-bearing clay
178	1095	B	1	H	4	137	88.87		cjp	1		2	15	17	83	100														95			5.0							5	clay
178	1095	B	1	H	5	137	90.37		cjp	1		2	30	32	68	100														90			10.0				0.5			10	Diatom-bearing silty mud
178	1095	B	1	H	6	127	91.77		cjp	1		0	30	30	70	100														70			30.0							30	Diatomaceous clayey mud
178	1095	B	2	H	1	137	93.87		ce	1		0	40	40	60	100														75			30.0	0.5			5.0			35	Diatomaceous silty clay
178	1095	B	2	H	2	45	94.45		ce	1		0	30	30	70	100														60			30.0							40	Diatomaceous silty clay
178	1095	B	2	H	2	117	95.17		ce	1		0	40	40	60	100														74			25.0				1.0			26	Diatomaceous silty clay
178	1095	B	2	H	2	118	95.18		ce	1		45	15	60	40	100																								silty mud
178	1095	B	2	H	4	110	98.10		ce	1		0	30	30	70	100														75			25.0							25	Diatomaceous silty clay
178	1095	B	2	H	5	120	99.70		ce	1		0	40	40	60	100														70			25.0				5.0			30	Diatomaceous silty clay
178	1095	B	3	H	1	130	103.30		eac	1		1	29	30	70	100														70			28.0				2.0			30	Diatom-bearing silty clay
178	1095	B	3	H	3	20	105.20		eac	1		0	20	20	80	100														80			15.0				5.0			20	Diatom-bearing clay
178	1095	B	3	H	4	21	106.71		eac	1		0	30	30	70	100														70			25.0				5.0			30	Diatom-bearing silty clay
178	1095	B	3	H	4	83	107.33		eac	1		1	29	30	70	100														70			25.0				5.0			30	Diatom-bearing silty clay
178	1095	B	3	H	5	71	108.71		eac	1		5	25	30	70	100	2.0		73.0									2.0		75			15.0				10.0			25	Diatom-bearing silty clay

	Note: 0.5 equal to tr.											Size					Composition - Siliciclastic													Composition - Biogenic									
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Depth (mcd)	Described by	Major lithology (1)	Minor lithology (2)	Sand	Silt	sum {sand+silt}	Clay	sum {sand+silt+clay}	Quartz	Feldspar	Clay (too fine to identify)	Mica	Glauconite	Rock Fragments	Volcanic Glass	Acc. Minerals	Carbonate	Opaque	Framboids/micronodules	Other	Terrigenous (tot silcd.-clay counts)	Total siliciclastic	Nannofossils	Foraminifers	Diatoms	Radiolarians	Coccolith	Silicoflagellates	Sponge Spicules	Shell debris	unidentified/other	Total Biogenic	Sediment or Rock Name
178	1095	B	3	H	6	44	109.94		eac	1		2	30	32	68	100														68			31.0				1.0			32	Diatom-bearing silty clay
178	1095	B	3	H	7	36	111.36		eac	1		0	30	30	70	100														70			25.0				5.0			30	Diatom-bearing silty clay
178	1095	B	4	H	1	115	112.65		cjp	1		0	20	20	80	100														90			10.0				0.5			10	Diatom-bearing clay
178	1095	B	4	H	2	81	113.81		cjp	1		0	10	10	90	100														90			10.0				0.5			10	Diatom-bearing clay
178	1095	B	4	H	3	100	115.50		cjp	1		0	15	15	85	100														80			20.0				0.5			20	Diatom-bearing clay
178	1095	B	4	H	4	67	116.67		cjp	1		0	40	40	60	100														69			30.0				1.0			31	Diatomaceous silty clay
178	1095	B	4	H	4	133	117.33		cjp	1		1	30	31	69	100														60			38.0	0.5			2.0			40	Diatomaceous silty clay
178	1095	B	4	H	5	68	118.18		cjp	1		1	39	40	60	100	20.0		49.0										20.0	69			30.0				1.0			31	Diatomaceous silty clay
178	1095	B	4	H	6	45	119.45		cjp	1		0	35	35	65	100	15.0		55.0										15.0	70			30.0							30	Diatomaceous silty clay
178	1095	B	4	H	6	140	120.40		cjp	1		0	30	30	70	100	10.0		70.0										10.0	80			20.0							20	Diatom-bearing clay
178	1095	B	4	H	7	41	120.91		cjp	1		0	30	30	70	100	15.0		55.0										15.0	70			30.0							30	Diatomaceous silty clay
178	1095	B	5	H	1	57	121.57		eac	1		0	10	10	90	100														90			10.0				0.5			10	Diatom-bearing clay
178	1095	B	5	H	2	15	122.65		eac	1		0	10	10	90	100														90			9.0				1.0			10	clay
178	1095	B	5	H	3	103	125.03		eac	1		10	40	50	50	100														49			50.0				1.0			51	clayey Diatom ooze
178	1095	B	5	H	4	26	125.76		eac	1		2	58	60	40	100														40			60.0							60	clayey Diatom ooze
178	1095	B	5	H	6	91	129.41		eac	1		0	40	40	60	100														60			40.0				0.5			40	Diatomaceous silty clay
178	1095	B	6	H	4	80	135.80		wlf	1		10	60	70	30	100	25.0	5.0	33.0	5.0	2.0							10.0	47.0	80		5.0	15.0				5.0			20	Diatom-bearing silty clay
178	1095	B	6	H	6	15	138.15		wlf	1		2	68	70	30	100	25.0	5.0	30.0	5.0								5.0	40.0	70			20.0				10.0			30	Diatomaceous clayey silt
178	1095	B	6	H	7	25	139.25		wlf	1		0	30	30	70	100	15.0	5.0	51.0	2.0								5.0	27.0	78			15.0		2.0		5.0			22	Diatom-bearing silty clay
178	1095	B	7	H	6	72	148.19		ne	1		10	40	50	50	100														98							2.0			2	clayey mud
178	1095	B	7	H	7	18	149.15		ne	1		0	30	30	70	100														100							0.5			0	silty clay
178	1095	B	8	H	2	50	151.50		wlf	1		0	30	30	70	100	15.0	2.0	62.0	1.0								5.0	23.0	85			10.0				5.0			15	Diatom-bearing silty clay
178	1095	B	8	H	3	123	153.73		wlf	1		10	50	60	40	100	25.0	15.0	25.0	5.0								5.0	50.0	75			15.0				10.0			25	Diatom-bearing clayey silt
178	1095	B	9	H	2	47	160.97		wlf	1		0	45	45	55	100	5.0	2.0	22.0	1.0								5.0	13.0	35			40.0				20.0		5.0	65	silty clayey Siliceous ooze
178	1095	B	9	H	5	41	165.41		wlf	1		0	20	20	80	100	15.0	5.0	25.0									5.0	25.0	50			30.0				15.0		5.0	50	clayey Siliceous ooze
178	1095	B	9	H	5	92	165.92		wlf	1		10	30	40	60	100	25.0	10.0	25.0	5.0							2.0		3.0	45.0	70			20.0				10.0			30	Diatomaceous silty clay
178	1095	B	10	H	1	138	169.88		wlf	1		0	40	40	60	100	10.0	5.0	23.0	2.0								5.0	22.0	45			35.0			1.0	15.0		4.0	55	silty clayey Siliceous ooze
178	1095	B	10	H	2	41	170.41		wlf	1		0	55	55	45	100	10.0	2.0	45.0	1.0								5.0	18.0	63			30.0				15.0		2.0	37	Siliceous clayey silt
178	1095	B	10	H	4	100	174.00		wlf	1		0	60	60	40	100	20.0	8.0	27.0	2.0							3.0	5.0	38.0	65			20.0				10.0		5.0	35	Siliceous clayey silt
178	1095	B	10	H	5	72	175.22		wlf	1		0	40	40	60	100	10.0	3.0	25.0	2.0								5.0	20.0	45			35.0				15.0		5.0	55	silty clayey Siliceous ooze
178	1095	B	11	H	1	84	178.84		wlf	1		0	30	30	70	100	10.0	5.0	15.0	2.0								3.0	20.0	35			35.0				25.0		5.0	65	silty clayey Siliceous ooze
178	1095	B	11	H	2	84	180.34		wlf	1		5	35	40	60	100	10.0	3.0	30.0	2.0							3.0	2.0	20.0	50			30.0				20.0			50	silty clayey Siliceous ooze
178	1095	B	12	H	6	57	195.57		wlf	1		5	45	50	50	100	15.0	4.0	22.0	2.0							3.0	5.0	31.0	53			30.0	5.0		2.0	10.0			47	Siliceous silty clay
178	1095	B	13	H	2	74	198.16		wlf	1		5	40	45	55	100	30.0	15.0	8.0	10.0							2.0	5.0	62.0	70			15.0			5.0	8.0		2.0	30	Siliceous silty clay
178	1095	B	13	H	3	50	199.42		eac	1		0	20	20	80	100														90			10.0				0.5			10	Diatom-bearing clay
178	1095	B	13	H	3	130	200.22		eac	1		5	30	35	65	100														80			18.0			0.5	2.0			20	Diatomaceous silty clay
178	1095	B	13	H	4	45	200.87		eac	1		0	20	20	80	100														88			10.0				2.0			12	Diatom-bearing clay
178	1095	B	13	H	5	48	202.40		wlf	1		0	35	35	65	100	10.0	5.0	55.0	2.0								3.0	20.0	75			15.0			2.0	5.0		3.0	25	Siliceous silty clay
178	1095	B	14	X	1	28	205.28		cjp	1		1	40	41	59	100			30.0										45.0	75			15.0	0.5		10.0	0.5			25	Siliceous silty clay
178	1095	B	14	X	2	42	206.87		cjp	1		0	40	40	60	100			55.0										34.0	89			10.0			1.0	0.5			11	Diatom-bearing silty clay
178	1095	B	14	X	3	60	208.55		cjp	1		0	30	30	70	100	19.0		70.0										19.0	89			10.0			0.5	1.0			11	Diatom-bearing silty clay
178	1095	B	14	X	4	19	209.64		cjp	1		0	20	20	80	100	10.0		80.0										10.0	90			10.0			0.5	0.5			10	Diatom-bearing clay
178	1095	B	14	X	4	103	210.48		cjp	1		0	25	25	75	100	15.0		74.0										15.0	89			10.0	0.5		1.0	0.5			11	Diatom-bearing clay
178	1095	B	15	X	1	42	215.12		ce	1		10	30	40	60	100														79			20.0			0.5	1.0			21	Diatomaceous silty clay
178	1095	B	15	X	1	127	215.97		ce	1		0	30	30	70	100														84			15.0				1.0			16	Diatom-bearing silty clay
178	1095	B	15	X	2	126	217.46		ce	1		0	50	50	50	100														49			45.0			1.0	5.0			51	Diatomaceous ooze
178	1095	B	16	X	2	55	226.35		ce	1		0	60	60	40	100														90			10.0							10	Diatom-bearing clayey silt
178	1095	B	16	X	3	93	228.23		ce	1		0	60	60	40	100														90			10.0				0.5			10	Diatom-bearing clayey silt
178	1095	B	17	X	2	77	236.17		ce	1		0	60	60	40	100	20.0	10.0	58.0	1.0				0.5					31.0	89			10.0				1.0			11	Diatom-bearing clayey silt
178	1095	B	17	X	2	78	236.18		ce	1		0	20	20	80	100														92			5.0				3.0			8	silty clay
178	1095	B	17	X	3	20	237.10		ce	1		0	30	30	70	100					60.0									97			3.0				0.5			3	silty clay
178	1095	B	17	X	4	79	239.19		ce	1		0	80		20						30.0									87			10.0				3.0			13	Diatom-bearing clayey silt
178	1095	B	17	X	5	26	240.16		ce	1		0	30	30	70	100					60.0									93			5.0				2.0			7	silty clay
178	1095	B	17	X	6	63	242.03		ce	1		0	30	30	70	100														94			5.0				1.0			6	silty clay
178	1095	B	17	X	7	16	243.06		ce	1		0	60	60	40	100														87			10.0				3.0			13	Diatom-bearing clayey silt
178	1095	B	18	X	1	65	244.15		cjp	1		0	60	60	40	100														90			10.0			0.5	0.5			10	Diatom-bearing clayey silt
178	1095	B	18	X	2	67	245.67		cjp	1		0	40	40	60	100														90			10.0				0.5			10	Diatom-bearing silty clay
178	1095	B	18	X	3	70	247.20		cjp	1		0	40	40	60	100														90			10.0				0.5			10	Diatom-bearing silty clay

	Note: 0.5 equal to tr.											Size					Composition - Siliciclastic													Composition - Biogenic										
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Depth (mcd)	Described by	Major lithology (1)	Minor lithology (2)	Sand	Silt	sum {sand+silt}	Clay	sum {sand+silt+clay}	Quartz	Feldspar	Clay (too fine to identify)	Mica	Glauconite	Rock Fragments	Volcanic Glass	Acc. Minerals	Carbonate	Opaque	Framboids/micronodules	Other	Terrigenous (tot silcc!.-clay coutns)	Total siliciclastic	Nannofossils	Foraminifers	Diatoms	Radiolarians	Coccolith	Silicoflagellates	Sponge Spicules	Shell debris	unidentified/other	Total Biogenic	Sediment or Rock Name
178	1095	B	18	X	4	78	248.78		cjp	1		0	60	60	40	100														90			10.0							10	Diatom-bearing clayey silt
178	1095	B	18	X	4	138	249.38		cjp	1		0	40	40	60	100														90			10.0				0.5			10	Diatom-bearing silty clay
178	1095	B	18	X	5	76	250.26		cjp	1		0	60	60	40	100														90			10.0							10	Diatom-bearing clayey silt
178	1095	B	18	X	5	126	250.76		cjp	1		0	60	60	40	100														90			10.0							10	Diatom-bearing clayey silt
178	1095	B	18	X	6	77	251.77		cjp	1		0	40	40	60	100														90			10.0				0.5			10	Diatom-bearing silty clay
178	1095	B	18	X	7	23	252.73		cjp	1		2	58	60	40	100														80			20.0							20	Diatom-bearing clayey silt
178	1095	B	20	X	1	23	262.93		ce	1		3	30	33	67	100														87			10.0				3.0			13	Diatom-bearing silty clay
178	1095	B	20	X	1	29	262.99		ce	1		1	10	11	89	100														95			5.0							5	clay
178	1095	B	20	X	1	121	263.91		ce	1		0	20	20	80	100														84			5.0				1.0			6	silty clay
178	1095	B	20	X	3	25	265.95		ce	1		1	25	26	74	100														90			10.0							10	Diatom-bearing silty clay
178	1095	B	20	X	4	36	267.56		ce	1		0	30	30	70	100														100										0	silty clay
178	1095	B	20	X	5	37	269.07		ce	1		3	25	28	72	100	60.0											3.0		99			0.5				1.0			1	silty clay
178	1095	B	20	X	6	120	271.40		am	1		0	30	30	70	100	60.0											20.0		80			10.0				7.0		3.0	20	Diatom-bearing silty clay
178	1095	B	20	X	cc	14	272.26		am	1		3	27	30	70	100	70.0	10.0										10.0		90			7.0				3.0			10	silty clay
178	1095	B	21	X	1	37	272.77		cjp	1		0	60	60	40	100														90			10.0							10	Diatom-bearing clayey silt
178	1095	B	21	X	2	77	274.67		cjp	1		0	30	30	70	100														90			10.0							10	Diatom-bearing silty clay
178	1095	B	21	X	3	50	275.90		cjp	1		0	20	20	80	100														95			5.0							5	clay
178	1095	B	21	X	3	127	276.67		cjp	1		2	50	52	48	100														80			20.0				0.5			20	Diatom-bearing clayey silt
178	1095	B	21	X	4	41	277.31		cjp	1		0	30	30	70	100														95			5.0							5	silty clay
178	1095	B	21	X	4	68	277.58		cjp	1		5	65	70	30	100														95			5.0							5	clayey silt
178	1095	B	21	X	5	50	278.90		cjp	1		0	20	20	80	100														95			5.0				0.5			5	clay
178	1095	B	21	X	6	78	280.68		cjp	1		0	20	20	80	100														90			10.0				0.5			10	Diatom-bearing clay
178	1095	B	22	X	1	92	283.02		am	1		0	30	30	70	100	20.0		50.0									22.0	42.0	92			5.0				3.0			8	silty clay
178	1095	B	22	X	2	127	284.87		am	1		0	25	25	75	100	15.0		78.0										15.0	93			5.0				2.0			7	silty clay
178	1095	B	22	X	3	57	285.67		am	1		0	25	25	75	100	30.0		50.0									12.0	42.0	92			3.0				2.0		3.0	8	
178	1095	B	22	X	4	42	287.02		am	1		0	25	25	75	100	50.0		42.0										50.0	92							8.0			8	silty clay
178	1095	B	23	X	2	39	293.59		ne	1		0	30	30	70	100	90.0	10.0												100							0.5			0	silty clay
178	1095	B	23	X	2	100	294.20		ne	1		0	15	15	85	100	90.0	10.0		0.5										100										0	clay
178	1095	B	23	X	5	113	298.83		wlf	1		0	5	5	95	100	15.0	3.0	73.0								1.0		2.0	21.0	94			4.0				2.0			6	clay
178	1095	B	23	X	7	20	300.90		wlf	1		0	10	10	90	100	20.0	5.0	65.0									5.0	30.0	95			3.0				2.0			7	clay
178	1095	B	24	X	1	33	301.63		wlf	1		10	50	60	40	100	25.0	10.0	30.0	5.0							5.0		5.0	50.0	80			15.0				15.0			20	Diatom-bearing silty mud
178	1095	B	24	X	3	100	305.30		wlf	1		5	30	35	65	100	20.0	10.0	40.0	5.0							5.0		5.0	45.0	85			10.0				5.0			15	Diatom-bearing clayey silt
178	1095	B	24	X	4	46	306.26		wlf	1		5	40	45	55	100	30.0	15.0	30.0	5.0							5.0		5.0	60.0	90			8.0				2.0			10	Diatom-bearing silty clay
178	1095	B	25	X	1	46	311.36		ne	1		0	10	10	90	100	90.0	8.0												98			1.0				1.0			2	clay
178	1095	B	25	X	4	111	316.51		ne	1		0	20	20	80	100	20.0		80.0										20.0	100										0	clay
178	1095	B	26	X	4	78	325.88		ne	1		0	20	20	80	100	30.0	20.0	50.0	5.0							5.0			50.0	100										0	clay
178	1095	B	27	X	1	78	330.98		wlf	1		20	20	40	60	100	20.0	10.0	35.0	5.0							5.0	10.0	50.0	85			10.0			0.5	5.0			15	clayey mud
178	1095	B	27	X	3	75	333.95		wlf	1		0	20	20	80	100	20.0	10.0	45.0	2.0							3.0	5.0	40.0	85			10.0				5.0			15	Diatom-bearing clay
178	1095	B	27	X	6	85	338.55		wlf	1		0	20	20	80	100	20.0	5.0	58.0	2.0							3.0	7.0	27.0	85			10.0				5.0			15	Diatom-bearing clay
178	1095	B	28	X	2	120	342.50		wlf	1		0	30	30	70	100	20.0	5.0	58.0	2.0							3.0	5.0	35.0	93			5.0				2.0			7	silty clay
178	1095	B	28	X	4	75	345.05		wlf	1		0	20	20	80	100	20.0	5.0	59.0	2.0							3.0	5.0	35.0	94			5.0				1.0			6	clay
178	1095	B	28	X	5	125	347.05		wlf	1		0	20	20	80	100	20.0	5.0	59.0	2.0							2.0	5.0	34.0	93			5.0				2.0			7	clay
178	1095	B	29	X	1	86	350.36		wlf	1		0	20	20	80	100	15.0	5.0	70.0	2.0							1.0	2.0	26.0	96			3.0				1.0			4	clay
178	1095	B	29	X	4	91	354.91		wlf	1		20	30	50	50	100	15.0	10.0	30.0	5.0							5.0	10.0	30.0	60			30.0				10.0			40	Diatomaceous clayey mud
178	1095	B	29	X	5	118	356.68		wlf	1		0	30	30	70	100	25.0	10.0	48.0	5.0							2.0	10.0	32.0	80			15.0				5.0			20	Diatom-bearing silty clay
178	1095	B	30	X	1	30	359.50		wlf	1		0	30	30	70	100	25.0	12.0	35.0	3.0							5.0	5.0	50.0	85			10.0				5.0			15	Diatom-bearing silty clay
178	1095	B	30	X	3	90	363.10		wlf	1		0	25	25	75	100	20.0	10.0	35.0	5.0							2.0	5.0	42.0	77			15.0				8.0			23	Diatom-bearing silty clay
178	1095	B	30	X	5	21	365.41		wlf	1		0	20	20	80	100	20.0	10.0	20.0	7.0							3.0	5.0	45.0	65			25.0				10.0			35	clayey Siliceous ooze
178	1095	B	31	X	1	71	369.51		cjp	1		1	30	31	69	100														90			10.0							10	Diatom-bearing silty clay
178	1095	B	31	X	3	73	372.53		ce	1		0	25	25	75	100	20.0	5.0	70.0		5.0								27.0	97			2.0				1.0			3	silty clay
178	1095	B	31	X	4	104	374.34		ce	1		0	30	30	70	100	36.0	10.0	50.0										46.0	96			3.0				1.0			4	silty clay
178	1095	B	31	X	5	62	375.42		cjp	1		0	30	30	70	100														80			20.0				0.5			20	Diatom-bearing silty clay
178	1095	B	31	X	5	130	376.10		cjp	1		2	58	60	40	100			40.0										29.0	69			30.0				1.0			31	Diatomaceous clayey silt
178	1095	B	31	X	6	88	377.18		cjp	1		0	40	40	60	100			60.0										20.0	80			20.0				0.5			20	Diatom-bearing silty clay
178	1095	B	32	X	3	68	382.08		ce	1		0	30	30	70	100					10.0							5.0		89			10.0				1.0			11	Diatom-bearing silty clay
178	1095	B	32	X	6	80	386.70		ce	1		2	38	40	60	100					25.0			3.0					66			30.0		1.0		3.0			34	Diatomaceous silty clay
178	1095	B	33	X	1	137	389.07		eac	1		0	40	40	60	100					10.0									90			10.0		0.5		0.5			10	Diatom-bearing silty clay
178	1095	B	33	X	3	74	391.44		eac	1		0	20	20	80	100	80.0				2.0									90			9.0				1.0			10	clay

	Note: 0.5 equal to tr.											Size					Composition - Siliciclastic													Composition - Biogenic									
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Depth (mcd)	Described by	Major lithology (1)	Minor lithology (2)	Sand	Silt	sum {sand+silt}	Clay	sum {sand+silt+clay}	Quartz	Feldspar	Clay (too fine to identify)	Mica	Glauconite	Rock Fragments	Volcanic Glass	Acc. Minerals	Carbonate	Opaque	Framboids/micronodules	Other	Terrigenous (tot silicl.-clay counts)	Total siliciclastic	Nannofossils	Foraminifers	Diatoms	Radiolarians	Coccolith	Silicoflagellates	Sponge Spicules	Shell debris	unidentified/other	Total Biogenic	Sediment or Rock Name
178	1095	B	34	X	1	47	397.77		ce	1		0	40	40	60	100	20.0	6.0	60.0	1.0						5.0		3.0	28.0	88			10.0				2.0			12	Diatom-bearing silty clay
178	1095	B	34	X	2	88	399.68		ce	1		5	25	30	70	100	25.0	5.0	60.0	2.0	10.0							3.0	33.0	93			5.0			0.5	2.0			7	silty clay
178	1095	B	34	X	3	85	401.15		ce	1		0	30	30	70	100	25.0	15.0	45.0		15.0								44.0	89			10.0				1.0			11	Diatom-bearing silty clay
178	1095	B	34	X	4	74	402.54		ce	1		0	30	30	70	100	20.0	10.0	60.0	2.0	5.0					1.0		3.0	34.0	94			5.0				1.0			6	silty clay
178	1095	B	34	X	5	5	403.35		ce	1		0	30	30	70	100	20.0	10.0	50.0	0.5	15.0					3.0		2.0	39.0	89			10.0				1.0			11	Diatom-bearing silty clay
178	1095	B	34	X	6	33	405.13		ce	1		1	25	26	74	100	20.0	5.0	70.0	0.5	5.0					0.5			10.0	80			20.0							20	Diatom-bearing silty clay
178	1095	B	35	X	1	119	407.79		eac	1		0	30	30	70	100														90			10.0							10	Diatom-bearing silty clay
178	1095	B	35	X	2	114	409.24		eac	1		0	40	40	60	100														90			9.0				1.0			10	Diatom-bearing silty clay
178	1095	B	35	X	4	62	411.72		eac	1		0	20	20	80	100	80.0											8.0		88			10.0				2.0			12	Diatom-bearing clay
178	1095	B	35	X	5	64	413.24		eac	1		0	10	10	90	100	10.0		75.0										10.0	85			15.0			0.5				15	Diatom-bearing clay
178	1095	B	36	X	1	64	416.84		ce	1		0	20	20	80	100	10.0	5.0	63.0		10.0								25.0	88			10.0				2.0			12	Diatom-bearing silty clay
178	1095	B	36	X	1	65	416.85		ce	1		0	30	30	70	100														89			10.0				1.0			11	Diatom-bearing silty clay
178	1095	B	36	X	3	41	419.61		ce	1		0	20	20	80	100														75			20.0				5.0			25	Diatomaceous silty clay
178	1095	B	36	X	5	75	422.95		ce	1		0	30	30	70	100														72			25.0				3.0			28	Diatomaceous silty clay
178	1095	B	38	X	1	128	436.78		wlf	1		15	25	40	60	100	20.0	10.0	45.0	2.0						3.0		5.0	40.0	85			10.0				5.0			15	Diatom-bearing clayey mud
178	1095	B	38	X	4	75	440.75		wlf	1		15	25	40	60	100	22.0	10.0	47.0	5.0						3.0		5.0	45.0	92			5.0		0.5		3.0			8	clayey mud
178	1095	B	38	X	6	85	443.85		wlf	1		20	30	50	50	100	25.0	15.0	20.0	10.0						5.0		10.0	65.0	85			10.0				5.0			15	Diatom-bearing clayey mud
178	1095	B	40	X	4	45	459.75		ne	1		0	20	20	80	100	15.0	15.0	50.0	5.0									35.0	85			10.0				8.0			15	Diatom-bearing clay
178	1095	B	42	X	1	74	474.84		wlf	1		5	15	20	80	100	20.0	10.0	47.0	3.0						2.0		10.0	45.0	92			5.0				3.0			8	clay
178	1095	B	43	X	1	52	484.32		eac	1		0	20	20	80	100														95			5.0							5	clay
178	1095	B	43	X	1	92	484.72		eac	1		0	35	35	65	100														95			5.0							5	silty clay
178	1095	B	43	X	2	64	485.44		eac	1		0	30	30	70	100														78			20.0				2.0			22	Diatom-bearing silty clay
178	1095	B	44	X	cc	4	485.61		eac	1		0	30	30	70	100														95			5.0							5	clay
178	1095	B	45	X	1	51	498.51		wlf	1		0	25	25	75	100	25.0	12.0	32.0	6.0						5.0		10.0	61.0	93			5.0				2.0			7	silty clay
178	1095	B	45	X	1	88	498.88		wlf	1		5	45	50	50	100	30.0	15.0	23.0	5.0						10.0		10.0	70.0	93			5.0				2.0			7	silty clay
178	1095	B	45	X	2	24	499.24		wlf	1		0	20	20	80	100	20.0	10.0	37.0	5.0						5.0		10.0	50.0	87			8.0				5.0			13	clay
178	1095	B	46	X	1	23	503.23		wlf	1		0	20	20	80	100	25.0	10.0	33.0	5.0						5.0		10.0	54.0	87			8.0				5.0			13	clay
178	1095	B	46	X	2	70	504.70		wlf	1		5	15	20	80	100	25.0	15.0	25.0	5.0						5.0		10.0	60.0	85			10.0				5.0			15	Diatom-bearing clay
178	1095	B	47	X	1	27	512.97		wlf	1		10	30	40	60	100	35.0	20.0	7.0	10.0						10.0		15.0	90.0	97			2.0				1.0			3	silty clay
178	1095	B	47	X	1	51	513.21		wlf	1		0	20	20	80	100	30.0	15.0	22.0	10.0						10.0		10.0	75.0	97			2.0				1.0			3	clay
178	1095	B	48	X	1	14	522.54		wlf	1		0	10	10	90	100	15.0	8.0	58.0	5.0						2.0		5.0	35.0	93			5.0				2.0			7	clay
178	1095	B	48	X	1	88	523.28		wlf	1		0	20	20	80	100	15.0	10.0	48.0	5.0						5.0		10.0	45.0	93			5.0				2.0			7	clay
178	1095	B	49	X	1	49	532.59		wlf	1		5	25	30	70	100	35.0	20.0	18.0	10.0						5.0		10.0	80.0	98			1.0				1.0			2	silty clay
178	1095	B	50	X	1	28	541.98		wlf	1		10	20	30	70	100	30.0	15.0	36.0	8.0						3.0		5.0	61.0	97			2.0	1.0						3	silty clay
178	1095	B	50	X	1	107	542.77		wlf	1		5	15	20	80	100	20.0	10.0	57.0	5.0						2.0		3.0	40.0	97			2.0		0.5		1.0			3	clay
178	1095	B	50	X	2	46	543.66		wlf	1		15	25	40	60	100	20.0	15.0	42.0	5.0						5.0		10.0	55.0	97			2.0				1.0			3	silty clay
178	1095	B	51	X	1	29	551.69		cjp	1		0	30	30	70	100														100										0	silty clay
178	1095	B	52	X	1	38	561.18		cjp	1		0	60	60	40	100														100										0	clayey silt
178	1095	B	1	H	4	54	88.04		ce		2	100	0	100	0	100														100										0	Sand
178	1095	B	1	H	5	55	89.55		eac		2	100	0	100	0	100														100										0	Sand
178	1095	B	1	H	7	43	92.43		ce		2	0	25	25	75	100														100										0	Silty clay
178	1095	B	2	H	1	120	93.70		wlf		2	0	10	10	90	100	8.0	3.0	80.0	5.0									20.0	100										0	Clay
178	1095	B	2	H	2	111	95.11		ne		2	5	80	85	15	100	95.0									5.0				100										0	Silt
178	1095	B	2	H	3	63	96.13		wlf		2	15	25		60		35.0	18.0	9.0	6.0		15.0				5.0		10.0	91.0	100										0	clayey mud
178	1095	B	2	H	3	118	96.63		wlf		2	0	70	70	30	100	15.0	1.0	80.0	2.0									17.0	97			2.0				1.0			3	Clayey silt
178	1095	B	3	H	1	71	102.71		wlf		2	10	30		60		30.0	18.0	13.0	7.0		15.0		2.0		5.0		5.0	82.0	95			3.0				2.0			5	silty clay
178	1095	B	3	H	2	123	104.73		wlf		2	0	90	90	10	100	30.0	2.0	60.0	1.0								2.0	35.0	95							5.0			5	Silt
178	1095	B	3	H	2	140	104.90		wlf		2	20	15		65		30.0	15.0	23.0	5.0		15.0		2.0		5.0		5.0	74.0	97			2.0				1.0			3	clayey mud
178	1095	B	3	H	3	103	106.03		wlf		2	2	28		70		25.0	10.0	33.0	2.0		8.0		2.0				5.0	52.0	85			12.0				3.0			15	Diatom-bearing silty clay
178	1095	B	3	H	4	62	107.12		ne		2	0	60	60	40	100	100.0													100										0	Clayey silt
178	1095	B	3	H	6	30	109.80		wlf		2	40	20		40		35.0	15.0	8.0	5.0		20.0			5.0			10.0	90.0	98			1.0				1.0			2	silty mud
178	1095	B	3	H	7	33	111.33		wlf		2	60	10		30		25.0	15.0	18.0	5.0		20.0		2.0		5.0		10.0	76.0	94			1.0				5.0			6	sandy mud
178	1095	B	4	H	2	19	113.19		ne		2	15	80	95	5	100	100.0													100										0	Silt
178	1095	B	4	H	3	13	114.63		cjp		2	25	70	95	5	100	36.0	20.0				40.0		1.0		2.0				99			0.5				1.0			1	sandy silt
178	1095	B	4	H	5	11	117.61		cjp		2	20	80	100	0	100	36.0	20.0				40.0		2.0		1.0				99							1.0			1	silt
178	1095	B	5	H	1	46	121.46		cjp		2	10	90	100	0	100	40.0	18.0				35.0		2.0		5.0				100										0	silt
178	1095	B	5	H	2	90	123.40		ce		2	1	75	76	24	100														72			25.0			0.5	3.0			28	clayey silt
178	1095	B	5	H	4	133	126.83		ce		2	2	30	32	68	100														85			15.0							15	Diatom-bearing silty clay

	Note: 0.5 equal to tr.											Size					Composition - Siliciclastic													Composition - Biogenic										
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Depth (mcd)	Described by	Major lithology (1)	Minor lithology (2)	Sand	Silt	sum {sand+silt}	Clay	sum {sand+silt+clay}	Quartz	Feldspar	Clay (too fine to identify)	Mica	Glauconite	Rock Fragments	Volcanic Glass	Acc. Minerals	Carbonate	Opaque	Framboids/micronodules	Other	Terrigenous (tot siicc!.-clay coutns)	Total siliciclastic	Nannofossils	Foraminifers	Diatoms	Radiolarians	Coccolith	Silicoflagellates	Sponge Spicules	Shell debris	unidentified/other	Total Biogenic	Sediment or Rock Name
178	1095	B	5	H	5	11	127.11		ce		2	0	35	35	65	100														65			25.0	0.5			10.0			35	Diatomaceous silty clay
178	1095	B	5	H	6	124	129.74		ce		2	40	20	60	30	100														90			10.0							10	sandy mud
178	1095	B	7	H	3	120	144.17		eac		2	85	15	100	0	100	92.0	5.0						2.0						99			1.0				0.5			1	sand
178	1095	B	8	H	4	8	154.08		eac		2	90	10	100	0	100														99							1.0			1	sand
178	1095	B	8	H	5	81	156.31		eac		2	80	20	100	0	100														95			2.0				3.0			5	sand
178	1095	B	9	H	5	93	165.93		eac		2	90	10	100	0	100														99							1.0			1	sand
178	1095	B	12	H	1	56	188.06		eac		2	76	24	100	0	100														100							0.5			0	sand
178	1095	B	12	H	4	40	192.40		eac		2	10	70	80	20	100	15.0				75.0									90			10.0							10	Glauconite clayey silt
178	1095	B	12	H	4	41	192.41		eac		2	40	60	100	0	100														100										0	sandy silt
178	1095	B	13	H	5	44	202.36		cjp		2	10	85	95	5	100	50.0	20.0				27.0		2.0						99			0.5				1.0			1	silt
178	1095	B	14	X	2	45	206.90		cjp		2	5	90	95	5	100	50.0	15.0		0.5		27.0		2.0		5.0				99			0.5				1.0			1	silt
178	1095	B	14	X	4	22	209.67		cjp		2	0	95	95	5	100	27.0	10.0	5.0			30.0		1.0		5.0			73.0	78			20.0				2.0			22	Diatom-bearing silt
178	1095	B	15	X	2	43	216.63		eac		2	75	25	100	0	100														90			8.0				2.0			10	sand
178	1095	B	16	X	1	29	224.59		eac		2	20	80	100	0	100														90			5.0				5.0			10	silt
178	1095	B	16	X	1	96	225.26		eac		2	0	10	10	90	100														90			10.0							10	Diatom-bearing clay
178	1095	B	16	X	3	95	228.25		eac		2	10	90	100	0	100														99			0.5				1.0			1	silt
178	1095	B	17	X	1	53	234.43		eac		2	20	80	100	0	100														79			20.0				1.0			21	Diatom-bearing silt
178	1095	B	17	X	1	55	234.45		ne		2	10	90	100	0	100	100.0													100										0	silt
178	1095	B	17	X	2	74	236.14		wlf		2	40	40	80	20	100	30.0	15.0	36.0	10.0								5.0	60.0	96			2.0				2.0			4	sandy mud
178	1095	B	17	X	4	148	239.88		wlf		2	20	40	60	20	100	20.0	10.0	18.0	2.0								5.0	37.0	55			30.0				15.0			45	Diatomaceous silty mud
178	1095	B	18	X	1	70	244.20		wlf		2	0	60	60	40	100	20.0	5.0	13.0	1.0						5.0		1.0	32.0	45			35.0				20.0			55	clayey silty Siliceous ooze
178	1095	B	18	X	5	129	250.79		wlf		2	10	70	80	20	100	30.0	15.0	25.0	5.0						5.0		10.0	65.0	90			5.0				5.0			10	sandy silt
178	1095	B	22	X	3	58	258.68		wlf		2	0	50	50	50	100	12.0	5.0	27.0	2.0						2.0		5.0	26.0	53			30.0		10.0				5.0	47	Siliceous silty clay
178	1095	B	20	X	1	80	263.50		wlf		2	0	40	40	60	100	15.0	5.0	38.0	2.0								5.0	17.0	55			20.0	5.0		10.0	5.0		5.0	45	Siliceous silty clay
178	1095	B	20	X	2	83	265.03		wlf		2	20	70	90	10	100	40.0	20.0	15.0	10.0						5.0		5.0	80.0	95			2.0				2.0		1.0	5	silty mud
178	1095	B	20	X	2	137	265.57		cjp		2	1	97	98	2	100	50.0	10.0	23.0	2.0				5.0		10.0			75.0	98			0.5				2.0			2	silt
178	1095	B	20	X	6	77	270.97		cjp		2	10	80	90	10	100	45.0	20.0	20.0	0.5				10.0		2.0			77.0	97			2.0	0.5		0.5	1.0			3	silt
178	1095	B	21	X	1	116	273.56		ce		2	90	5	95	5	100														100			0.5				0.5			0	sand
178	1095	B	21	X	4	116	278.06		ce		2	0	60	60	40	100	25.0	15.0	40.0	8.0				2.0					50.0	90			10.0							10	Diatom-bearing clayey silt
178	1095	B	21	X	6	60	280.50		ce		2	0	90	90	10	100	50.0	10.0	30.0					10.0					70.0	100										0	silt
178	1095	B	31	X	1	41	369.21		ce		2	0	90	90	10	100														100										0	silt
178	1095	B	31	X	2	74	371.04		ce		2	40	20	60	40	100			37.0		60.0								60.0	97			3.0							3	sandy mud
178	1095	B	31	X	5	10	374.90		ce		2	90	10	100	0	100				5.0	10.0			3.0				5.0	99.0	99							1.0			1	sand
178	1095	B	31	X	5	122	376.02		ce		2	25	15	40	60	100				2.0	10.0			3.0					92.0	92			5.0				3.0			8	sandy clay
178	1095	B	32	X	3	70	382.10		ce		2	100	0	100	0	100														99							1.0			1	sand
178	1095	B	34	X	3	110	401.40		cjp		2	5	95	100	0	100	30.0	10.0				45.0		10.0		5.0			100.0	100							0.5			0	silt
178	1095	B	35	X	3	43	410.03		cjp		2	2	88	90	10	100	40.0	10.0	10.0	0.5		18.0		10.0		10.0			88.0	98			0.5				2.0			2	silt
178	1095	B	35	X	4	131	412.41		am		2	0	70	70	30	100	80.0		13.0										80.0	93				3.0			2.0		2.0	7	clayey silt
178	1095	B	43	X	2	32	485.12		ce		2	5	50	55	45	100														99							1.0			1	clayey silt
178	1095	B	51	X	1	75	525.15		ce		2	25	45	70	30	100														100										0	sandy mud
178	1095	B	52	X	cc	31	561.73		ce		2	3	60	63	37	100														100							0.5			0	clayey silt
178	1095	C	1	H	1	76	0.76		td	1		30	30		40		59.0		40.0	1.0									60.0	100			0.5							0	silty clay
178	1095	D	1	H	1	40	0.40		wlf	1		0	20		80		25.0	10.0	48.0	3.0						2.0		10.0	50.0	98			2.0				0.5			2	clay
178	1095	D	1	H	3	80	3.80		wlf	1		0	15		85		25.0	10.0	46.0	3.0						1.0		12.0	51.0	97			2.0				1.0			3	clay
178	1095	D	1	H	4	100	5.50		wlf	1		5	30		65		30.0	15.0	32.0	3.0	1.0					1.0		15.0	65.0	97			2.0				1.0			3	silty clay
178	1095	D	1	H	4	123	5.73		wlf	1		2	28		70		20.0	10.0	18.0	3.0						2.0		10.0	45.0	63			25.0			2.0	10.0			37	silty clayey siliceous ooze
178	1095	D	1	H	cc	2	8.36		wlf	1		0	20		80		20.0	15.0	53.0	2.0						1.0		8.0	46.0	99			1.0				0.5			1	clay
178	1095	D	2	H	2	85	10.95		wlf	1		2	38		60		20.0	10.0	36.0	2.0		5.0				1.0		8.0	46.0	82			15.0				3.0			18	Diatom-bearing silty clay
178	1095	D	2	H	2	138	11.48		wlf	1		0	20		80		15.0	8.0	46.0	2.0		1.0				3.0		5.0	34.0	80			15.0				5.0			20	Diatom-bearing clay
178	1095	D	2	H	4	74	13.84		eac	1		0	10		90		90.0											9.0		99			1.0				0.5			1	clay
178	1095	D	2	H	5	75	15.25		eac	1		0	10		90		8.0		90.0									2.0	10.0	100										0	clay
178	1095	D	2	H	6	75	16.85		eac	1		2	30		68		95.0											5.0		100										0	silty clay
178	1095	D	3	H	1	100	19.10		ce	1		3	20		77		20.0	10.0	5.0	2.0					3.0	5.0			86.0	91		3.0	5.0				0.5			9	silty clay
178	1095	D	3	H	2	63	20.23		ce	1		0	40		60		20.0	10.0	60.0	3.0						2.0			35.0	95		5.0								5	silty clay
178	1095	D	3	H	3	80	21.90		ce	1		0	25		75		20.0	10.0	64.0	2.0						3.0		1.0	36.0	100										0	clay
178	1095	D	3	H	4	80	23.40		ce	1		1	30		69		20.0	10.0	60.0	2.0						2.0			37.0	97		3.0								3	silty clay
178	1095	D	3	H	6	120	26.80		ce	1		0	25		75		15.0	5.0	67.0	3.0						3.0			30.0	97		3.0								3	silty clay
178	1095	D	4	H	1	40	28.00		eac	1		0	20		80		15.0	2.0	80.0									3.0	19.0	99			1.0							1	silty clay

	Note: 0.5 equal to tr.											Size					Composition - Siliciclastic													Composition - Biogenic										
Leg	Site	Hole	Core	Type	Section	Interval (cm)	Depth (mbsf)	Depth (mcd)	Described by	Major lithology (1)	Minor lithology (2)	Sand	Silt	sum {sand+silt}	Clay	sum {sand+silt+clay}	Quartz	Feldspar	Clay (too fine to identify)	Mica	Glauconite	Rock Fragments	Volcanic Glass	Acc. Minerals	Carbonate	Opaque	Framboids/micronodules	Other	Terrigenous (tot silccl.-clay coums)	Total siliciclastic	Nannofossils	Foraminifers	Diatoms	Radiolarians	Coccolith	Silicoflagellates	Sponge Spicules	Shell debris	unidentified/other	Total Biogenic	Sediment or Rock Name
178	1095	D	4	H	3	20	30.80		eac	1		0	25		75		19.0	2.0	75.0							1.0		3.0	24.0	99			1.0				0.5			1	silty clay
178	1095	D	5	H	1	93	38.03		wlf	1		0	20		80		30.0	12.0	37.0	2.0		10.0				4.0		5.0	63.0	100										0	clay
178	1095	D	5	H	2	50	39.10		wlf	1		0	25		75		30.0	13.0	32.0	3.0		10.0				5.0		5.0	68.0	100										0	silty clay
178	1095	D	5	H	2	146	40.06		wlf	1		0	20		80		30.0	15.0	39.0	3.0		8.0				5.0		5.0	61.0	100										0	clay
178	1095	D	5	H	3	60	40.70		wlf	1		0	15		85		25.0	12.0	51.0	2.0		12.0				3.0		5.0	49.0	100										0	clay
178	1095	D	5	H	4	90	42.50		wlf	1		0	20		80		30.0	15.0	27.0	5.0		12.0				3.0		8.0	73.0	100										0	clay
178	1095	D	5	H	5	70	43.80		wlf	1		0	15		85		30.0	15.0	28.0	3.0		15.0				4.0		5.0	72.0	100										0	clay
178	1095	D	6	H	1	106	47.66		wlf	1		0	25		75		25.0	10.0	35.0	5.0		12.0		2.0		3.0		5.0	65.0	100										0	silty clay
178	1095	D	6	H	2	14	48.24		wlf	1		0	20		80		25.0	15.0	22.0	5.0		10.0		5.0				10.0	70.0	92			5.0				3.0			8	clay
178	1095	D	6	H	3	101	49.91		wlf	1		2	18		80		25.0	12.0	27.0	3.0		12.0		2.0		4.0		5.0	63.0	90			8.0				2.0			10	clay
178	1095	D	6	H	5	45	51.20		wlf	1		0	20		80		25.0	12.0	40.0	3.0		10.0				2.0		50.0	57.0	97			2.0				1.0			3	clay
178	1095	D	6	H	7	46	52.67		wlf	1		2	23		75		25.0	12.0	30.0	2.0		8.0		3.0		2.0		5.0	57.0	87			10.0				3.0			13	Diatom-bearing silty clay
178	1095	D	6	H	8	138	55.09		wlf	1		2	28		70		25.0	15.0	13.0	5.0		12.0				3.0		2.0	72.0	85			12.0				3.0			15	Diatom-bearing silty clay
178	1095	D	7	H	1	130	57.40		wlf	1		0	5		95		30.0	15.0	35.0	2.0		10.0				3.0		1.0	61.0	96			3.0				1.0			4	clay
178	1095	D	7	H	3	104	60.14		wlf	1		0	15		85		30.0	8.0	50.0	3.0		5.0				2.0		10.0	48.0	98			1.0				1.0			2	clay
178	1095	D	9	H	5	96	82.06		wlf	1		2	18		80		25.0	12.0	26.0	5.0		8.0				3.0		5.0	58.0	84			10.0				6.0			16	Diatom-bearing clay
178	1095	D	2	H	1	91	9.51		am		2	40	60	100	0	100	65.0	20.0						10.0					95.0	95			3.0				2.0			5	sandy silt
178	1095	D	2	H	4	20	13.30		cjp		2	5	90	95	5	100	50.0	10.0	32.0	0.5		32.0		5.0		2.0			67.0	99			0.5				1.0			1	silt
178	1095	D	2	H	7	14	17.74		cjp		2	5	65	70	30	100													99				0.5			1.0			1	clayey silt
178	1095	D	3	H	1	9	18.19		cjp		2	0	90	90	10	100	40.0	10.0				22.0		5.0		2.0				79			20.0				1.0			21	Diatom-bearing silt
178	1095	D	3	H	4	103	23.63		cjp		2	1	79	80	20	100	38.0	20.0		0.5		20.0		0.0		5.0				88			10.0				2.0			12	Diatom-bearing silt
178	1095	D	3	H	5	81	24.91		ce		2	1	70	71	29	100	50.0	10.0	25.0	5.0	5.0							3.0	73.0	98			1.0				1.0			2	clayey silt
178	1095	D	3	H	6	45	26.05		cjp		2	2	78	80	20	100	35.0	15.0	10.0			14.0	1.0	5.0		10.0			80.0	90			10.0				0.5			10	Diatom-bearing silt
178	1095	D	4	H	3	88	31.48		cjp		2	0	40	40	60	100	10.0		20.0										10.0	30			70.0		0.5					70	clayey Diatom ooze
178	1095	D	4	H	4	44	32.54		ce		2	0	40	40	60	100	40.0	10.0			36.0									84			15.0				1.0			16	Diatom-bearing silty clay
178	1095	D	6	H	1	69	47.29		ce		2	2	64	66	34	100	30.0	10.0	38.0	2.0	10.0					5.0		5.0	56.0	94			5.0				1.0			6	clayey silt
178	1095	D	6	H	3	140	50.30		eac		2	0	97	97	3	100	90.0													99			1.0		0.5		0.5			1	silt
178	1095	D	6	H	6	25	51.85		eac		2	10	90	100	0	100	80.0	1.0		2.0	2.0					5.0				98			2.0		0.5		0.5			2	sandy silt
178	1095	D	6	H	cc	10	55.17		eac		2	0	70	70	30	100													97			3.0							3	clayey silt
178	1095	D	7	H	3	65	59.75		cjp		2	1	89	90	10	100	30.0	15.0	10.0	0.5		40.0		5.0					90.0	100										0	silt
178	1095	D	7	H	5	30	62.40		cjp		2	2	93	95	5	100	40.0	15.0	5.0			30.0		5.0		5.0			95.0	100										0	silt