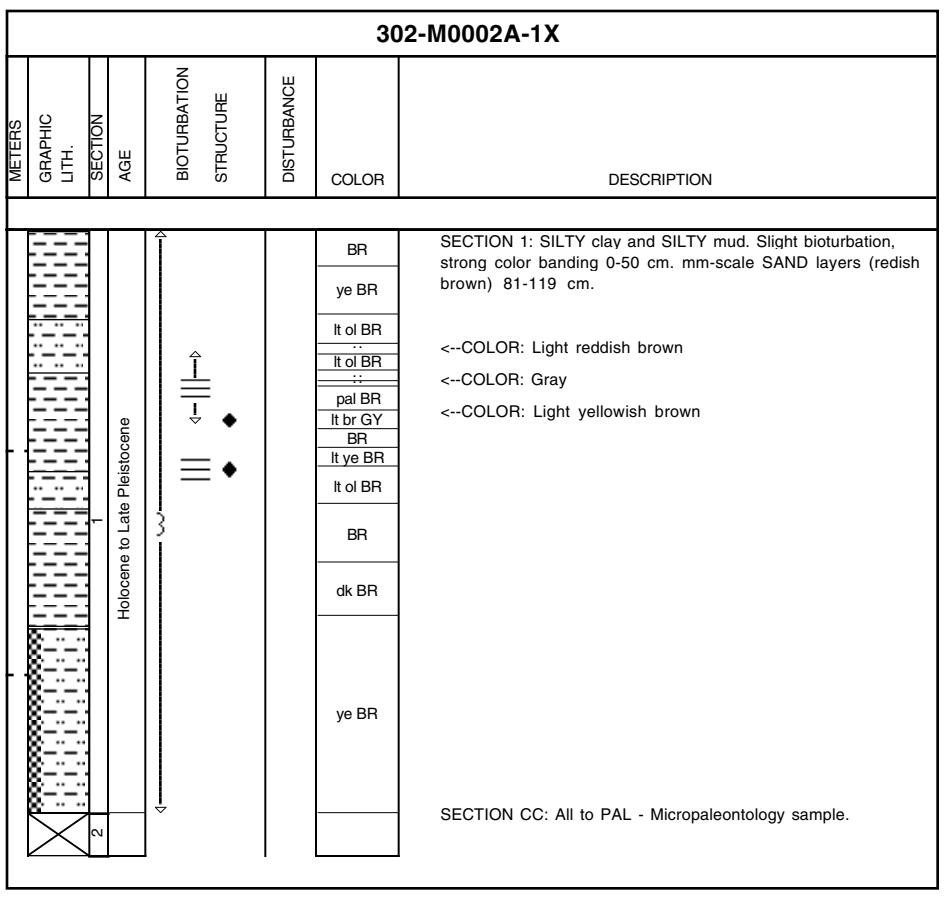
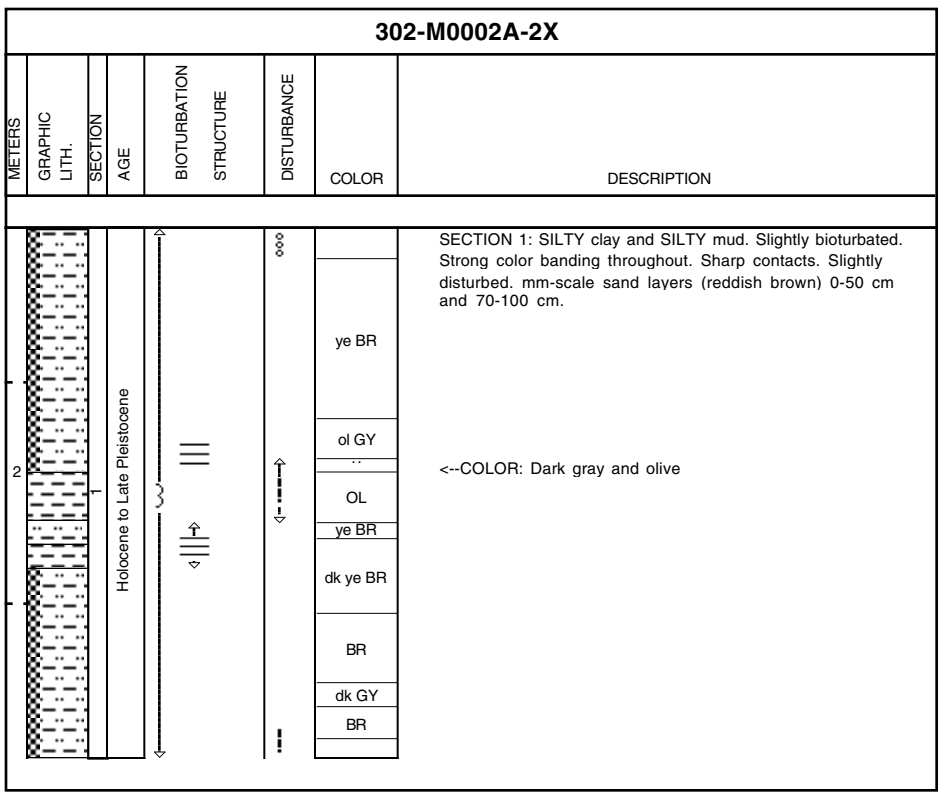
Core Photo

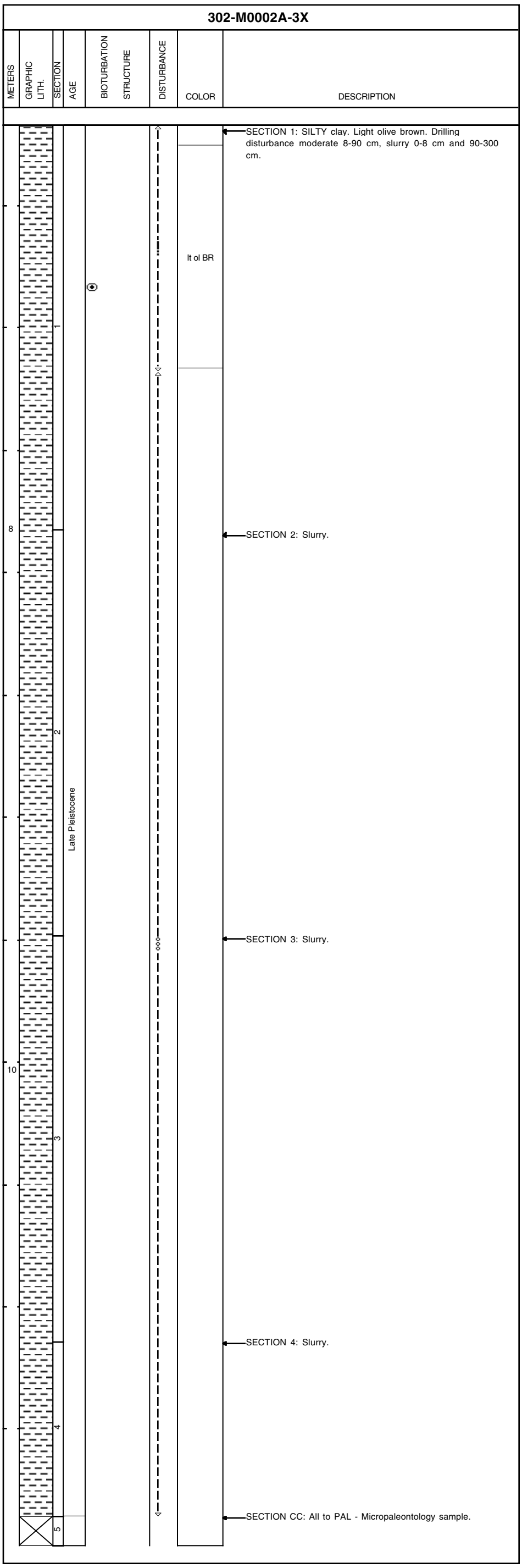


M0001A-1H No Recovery

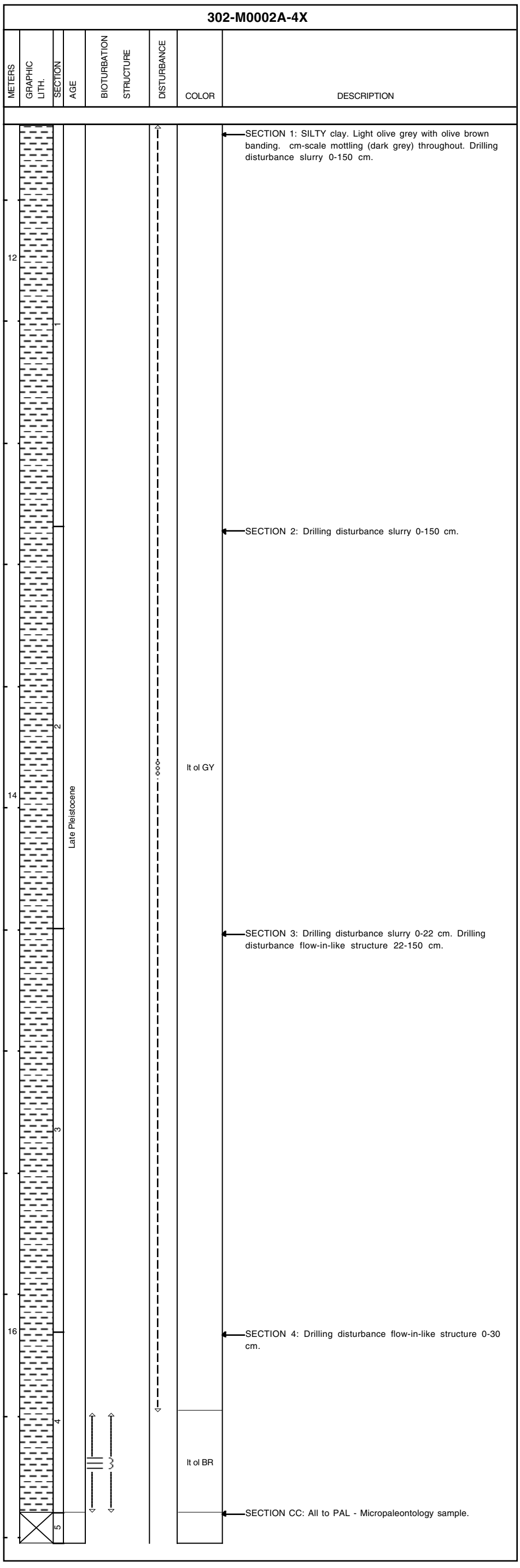
Core Photo


302-M0002A-2X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
2
1
Holocene to Late Pleistocene
ye BR
ol GY
OL
ye BR
dk ye BR
BR
dk GY
BR
SECTION 1: SILTY clay and SILTY mud. Slightly bioturbated. Strong color banding throughout. Sharp contacts. Slightly disturbed. mm-scale sand layers (reddish brown) 0-50 cm and 70-100 cm.
<--COLOR: Dark gray and olive

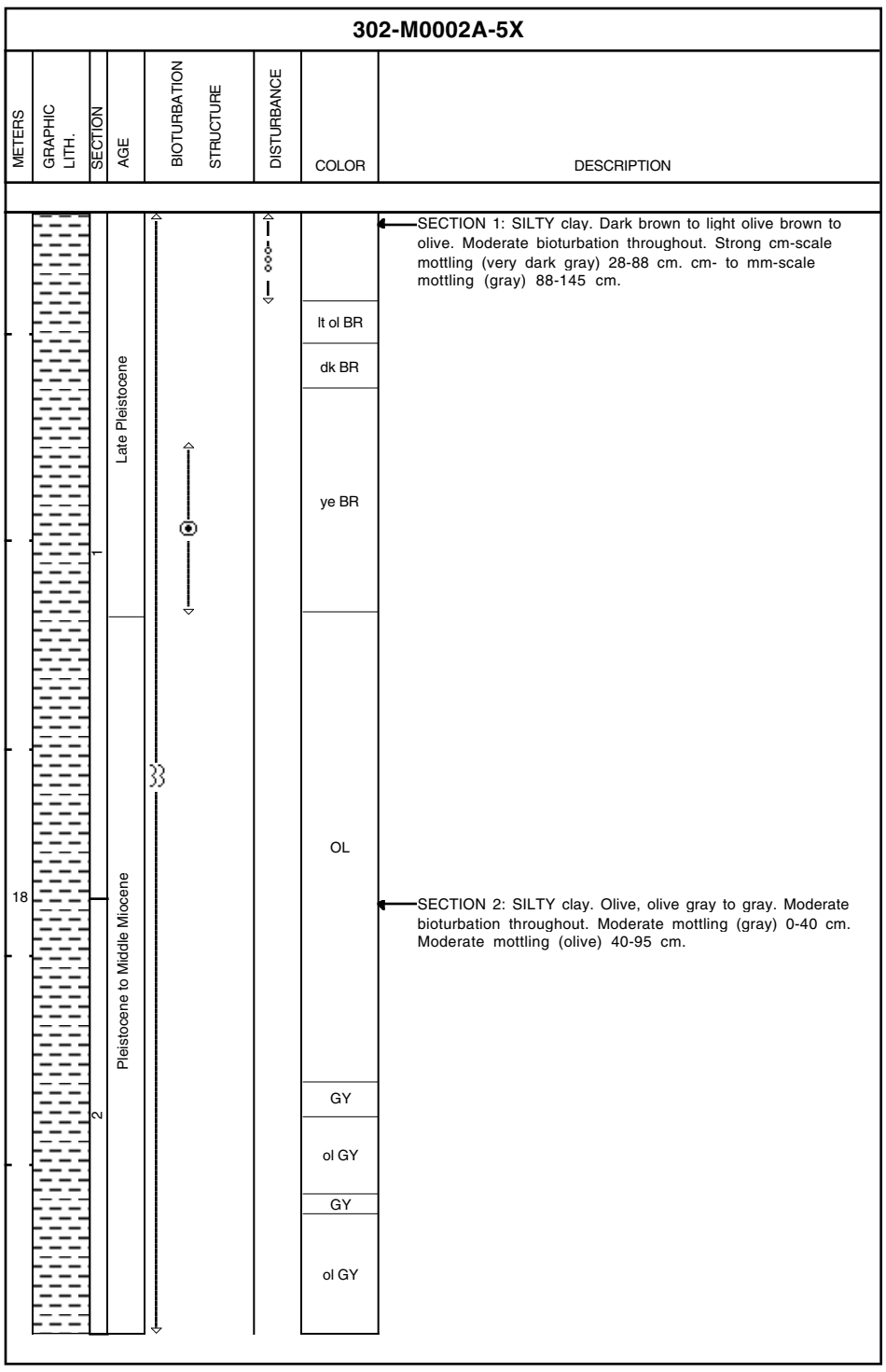
Core Photo


302-M0002A-3X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
SECTION 1: SILTY clay. Light olive brown. Drilling disturbance moderate 8-90 cm, slurry 0-8 cm and 90-300 cm.
lt ol BR
SECTION 2: Slurry.
SECTION 3: Slurry.
SECTION 4: Slurry.
SECTION CC: All to PAL - Micropaleontology sample.
Late Pleistocene
8
10
1
2
3
4
5
CC

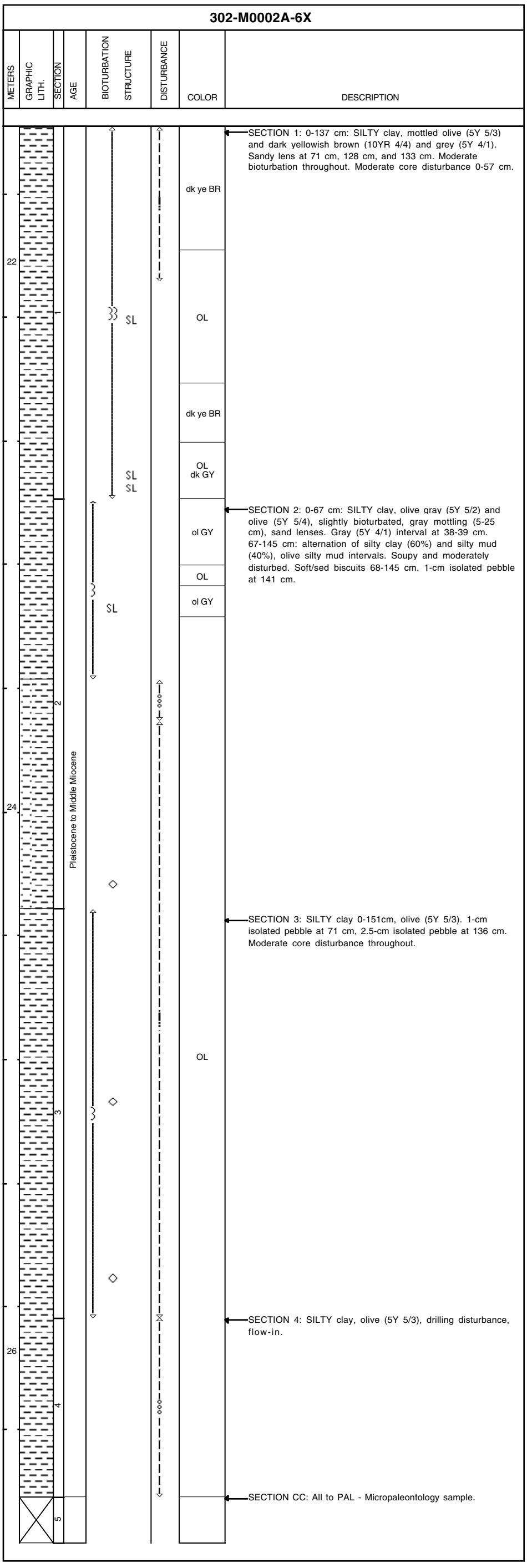
Core Photo


302-M0002A-4X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
12
14
16
1
2
3
4
5
Late Pleistocene
SECTION 1: SILTY clay. Light olive grey with olive brown banding. cm-scale mottling (dark grey) throughout. Drilling disturbance slurry 0-150 cm.
SECTION 2: Drilling disturbance slurry 0-150 cm.
SECTION 3: Drilling disturbance slurry 0-22 cm. Drilling disturbance flow-in-like structure 22-150 cm.
SECTION 4: Drilling disturbance flow-in-like structure 0-30 cm.
SECTION CC: All to PAL - Micropaleontology sample.
lt ol GY
lt ol BR

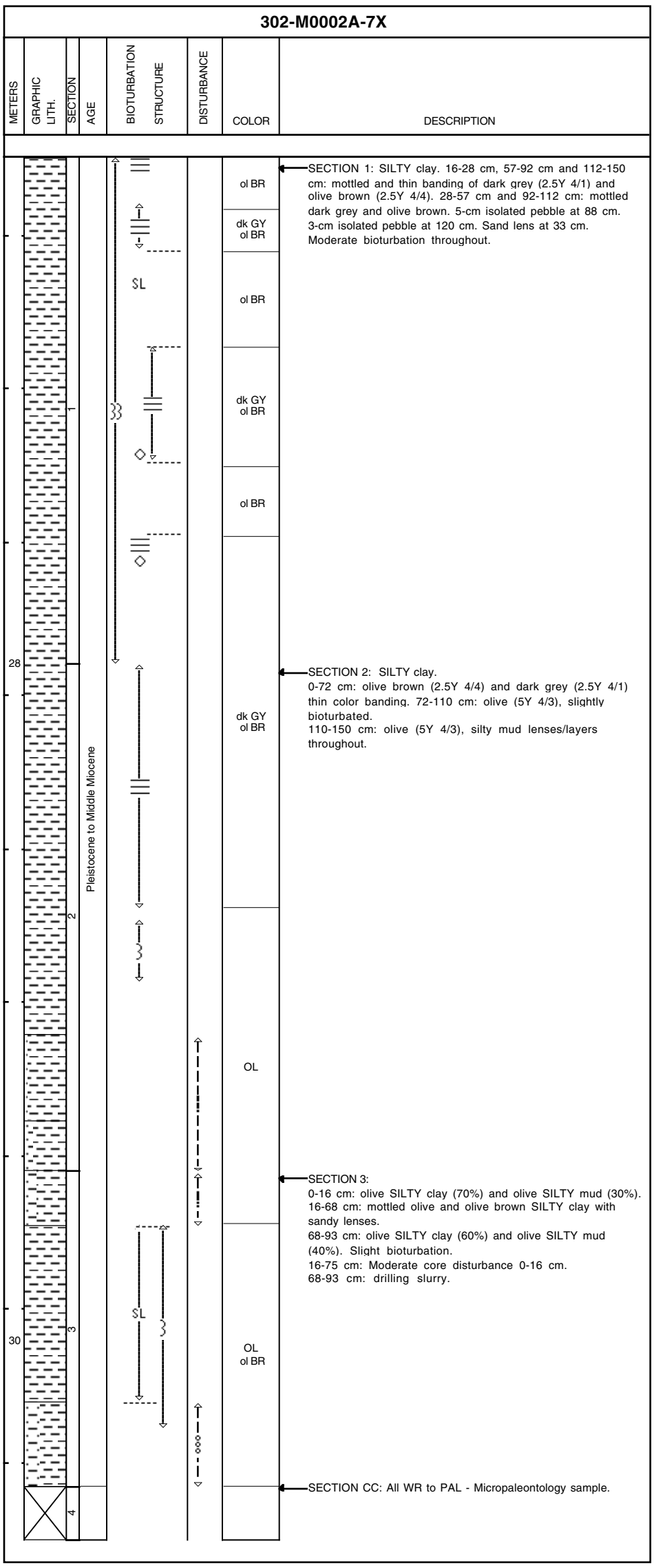
Core Photo


302-M0002A-5X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
18
1
2
Late Pleistocene
Pleistocene to Middle Miocene
SECTION 1: SILTY clay. Dark brown to light olive brown to olive. Moderate bioturbation throughout. Strong cm-scale mottling (very dark gray) 28-88 cm. cm- to mm-scale mottling (gray) 88-145 cm.
lt ol BR
dk BR
ye BR
OL
SECTION 2: SILTY clay. Olive, olive gray to gray. Moderate bioturbation throughout. Moderate mottling (gray) 0-40 cm. Moderate mottling (olive) 40-95 cm.
GY
ol GY
GY
ol GY

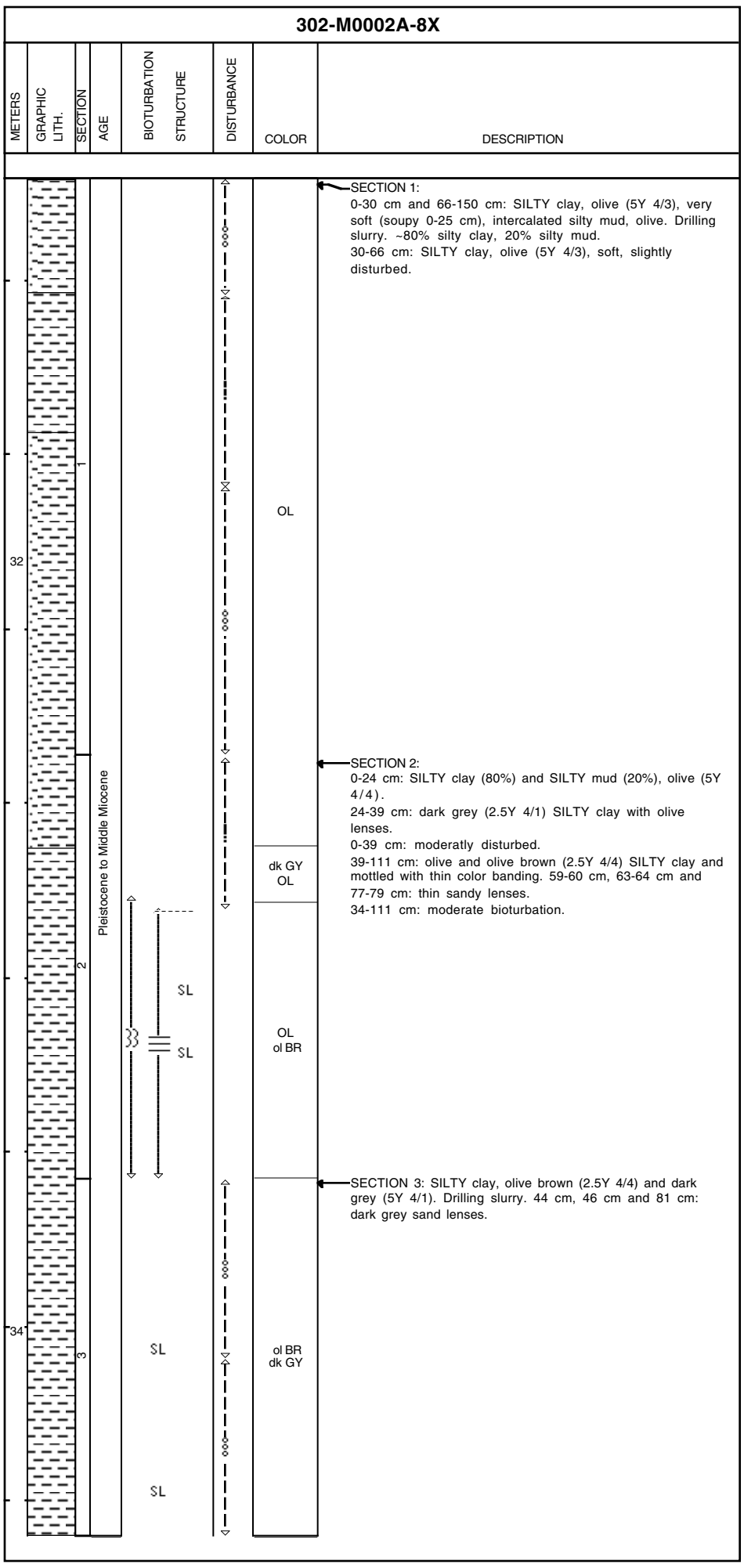
Core Photo


302-M0002A-6X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
22
24
26
1
2
3
4
5
SL
SL
SL
SL
Pleistocene to Middle Miocene
dk ye BR
OL
dk ye BR
OL
dk GY
ol GY
OL
ol GY
OL
SECTION 1: 0-137 cm: SILTY clay, mottled olive (5Y 5/3) and dark yellowish brown (10YR 4/4) and grey (5Y 4/1). Sandy lens at 71 cm, 128 cm, and 133 cm. Moderate bioturbation throughout. Moderate core disturbance 0-57 cm.
SECTION 2: 0-67 cm: SILTY clay, olive gray (5Y 5/2) and olive (5Y 5/4), slightly bioturbated, gray mottling (5-25 cm), sand lenses. Gray (5Y 4/1) interval at 38-39 cm. 67-145 cm: alternation of silty clay (60%) and silty mud (40%), olive silty mud intervals. Soupy and moderately disturbed. Soft/sed biscuits 68-145 cm. 1-cm isolated pebble at 141 cm.
SECTION 3: SILTY clay 0-151cm, olive (5Y 5/3). 1-cm isolated pebble at 71 cm, 2.5-cm isolated pebble at 136 cm. Moderate core disturbance throughout.
SECTION 4: SILTY clay, olive (5Y 5/3), drilling disturbance, flow-in.
SECTION CC: All to PAL - Micropaleontology sample.

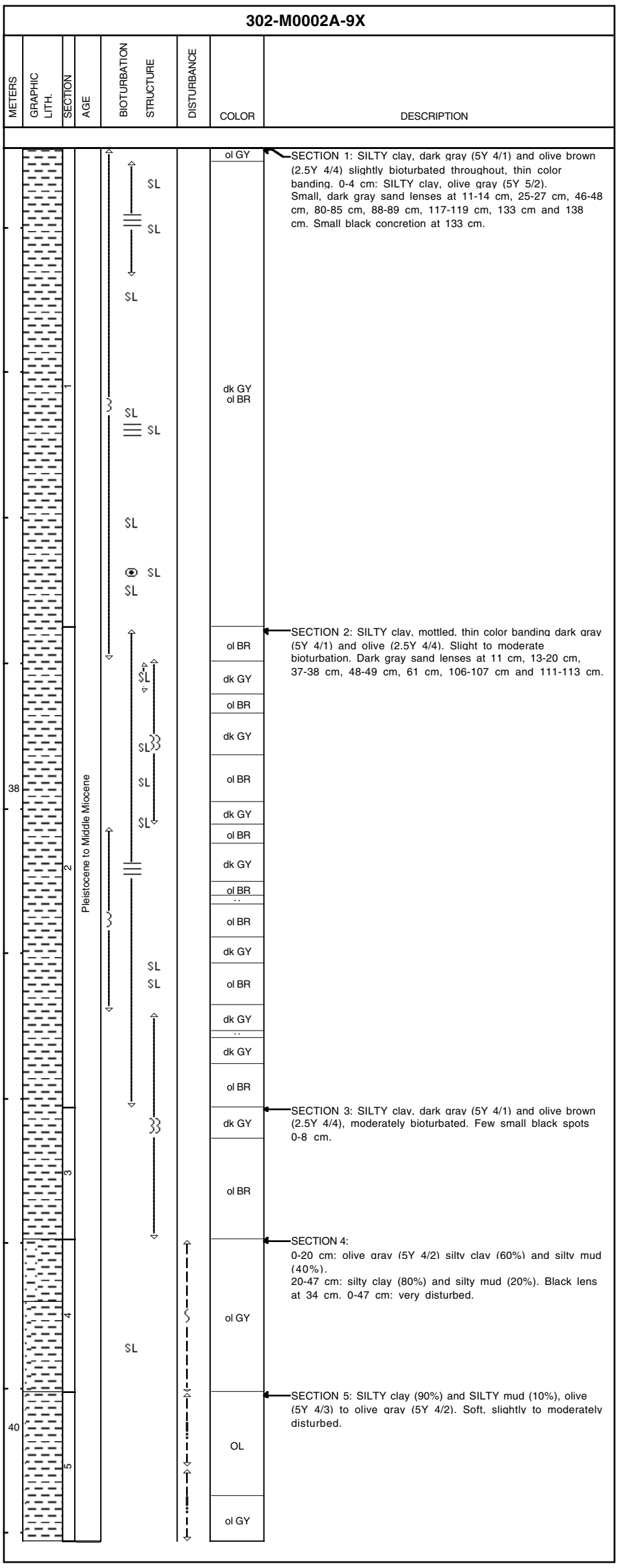
Core Photo


302-M0002A-7X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
28
30
1
2
3
4
Pleistocene to Middle Miocene
SL
SL
ol BR
dk GY ol BR
ol BR
dk GY ol BR
ol BR
dk GY ol BR
OL
OL ol BR
SECTION 1: SILTY clay. 16-28 cm, 57-92 cm and 112-150 cm: mottled and thin banding of dark grey (2.5Y 4/1) and olive brown (2.5Y 4/4). 28-57 cm and 92-112 cm: mottled dark grey and olive brown. 5-cm isolated pebble at 88 cm. 3-cm isolated pebble at 120 cm. Sand lens at 33 cm. Moderate bioturbation throughout.
SECTION 2: SILTY clay.
0-72 cm: olive brown (2.5Y 4/4) and dark grey (2.5Y 4/1) thin color banding. 72-110 cm: olive (5Y 4/3), slightly bioturbated.
110-150 cm: olive (5Y 4/3), silty mud lenses/layers throughout.
SECTION 3:
0-16 cm: olive SILTY clay (70%) and olive SILTY mud (30%).
16-68 cm: mottled olive and olive brown SILTY clay with sandy lenses.
68-93 cm: olive SILTY clay (60%) and olive SILTY mud (40%). Slight bioturbation.
16-75 cm: Moderate core disturbance 0-16 cm.
68-93 cm: drilling slurry.
SECTION CC: All WR to PAL - Micropaleontology sample.

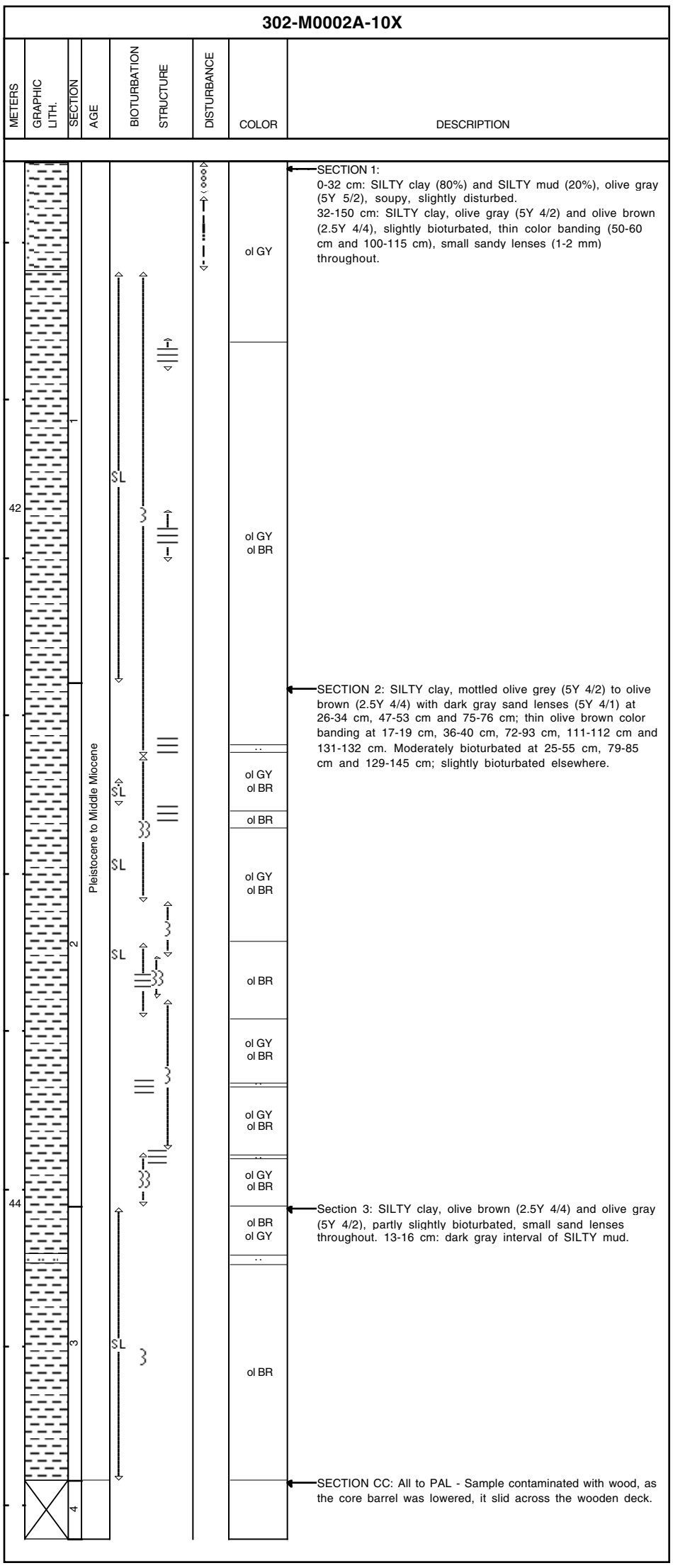
Core Photo


302-M0002A-8X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
SECTION 1:
0-30 cm and 66-150 cm: SILTY clay, olive (5Y 4/3), very soft (soupy 0-25 cm), intercalated silty mud, olive. Drilling slurry. ~80% silty clay, 20% silty mud.
30-66 cm: SILTY clay, olive (5Y 4/3), soft, slightly disturbed.
OL
SECTION 2:
0-24 cm: SILTY clay (80%) and SILTY mud (20%), olive (5Y 4/4).
24-39 cm: dark grey (2.5Y 4/1) SILTY clay with olive lenses.
0-39 cm: moderatly disturbed.
39-111 cm: olive and olive brown (2.5Y 4/4) SILTY clay and mottled with thin color banding. 59-60 cm, 63-64 cm and 77-79 cm: thin sandy lenses.
34-111 cm: moderate bioturbation.
dk GY
OL
OL
ol BR
SECTION 3: SILTY clay, olive brown (2.5Y 4/4) and dark grey (5Y 4/1). Drilling slurry. 44 cm, 46 cm and 81 cm: dark grey sand lenses.
ol BR
dk GY
32
34
1
2
3
Pleistocene to Middle Miocene
SL
SL
SL
SL

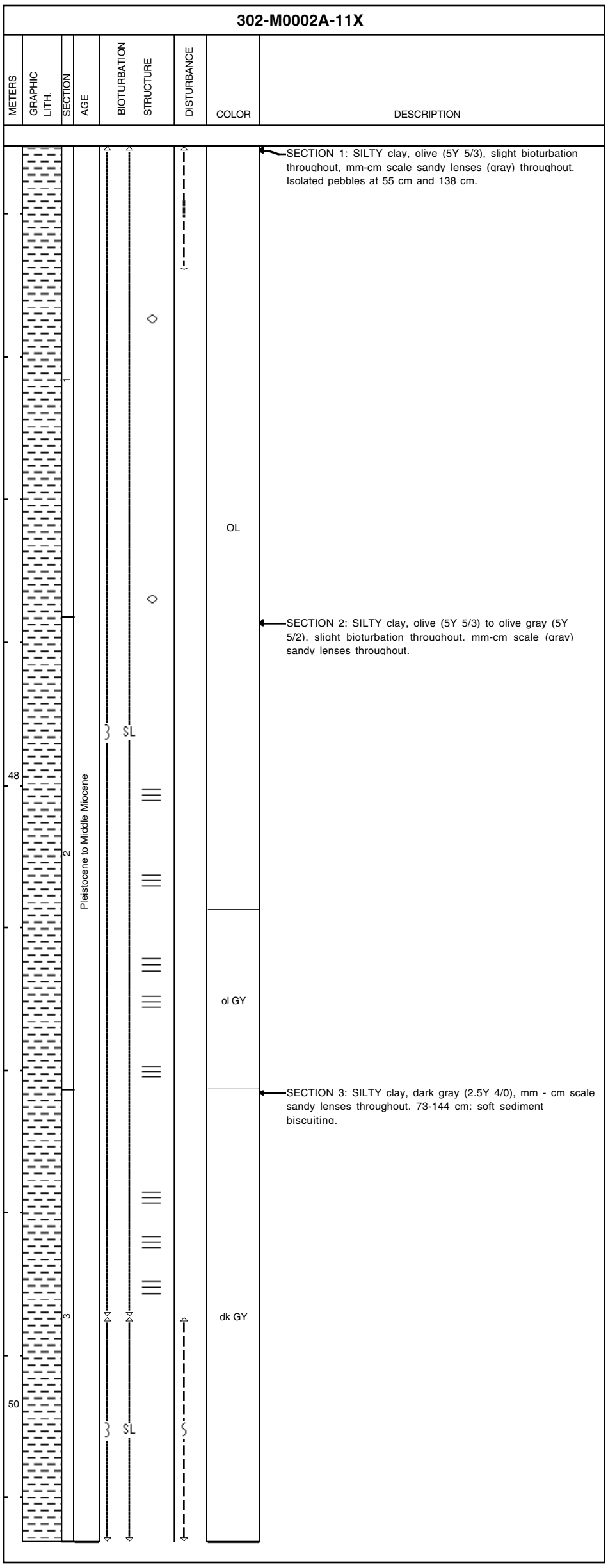
Core Photo


302-M0002A-9X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
ol GY
SECTION 1: SILTY clay, dark gray (5Y 4/1) and olive brown (2.5Y 4/4) slightly bioturbated throughout, thin color banding. 0-4 cm: SILTY clay, olive gray (5Y 5/2). Small, dark gray sand lenses at 11-14 cm, 25-27 cm, 46-48 cm, 80-85 cm, 88-89 cm, 117-119 cm, 133 cm and 138 cm. Small black concretion at 133 cm.
dk GY
ol BR
SECTION 2: SILTY clay, mottled, thin color banding dark gray (5Y 4/1) and olive (2.5Y 4/4). Slight to moderate bioturbation. Dark gray sand lenses at 11 cm, 13-20 cm, 37-38 cm, 48-49 cm, 61 cm, 106-107 cm and 111-113 cm.
SECTION 3: SILTY clay, dark gray (5Y 4/1) and olive brown (2.5Y 4/4), moderately bioturbated. Few small black spots 0-8 cm.
SECTION 4:
0-20 cm: olive gray (5Y 4/2) silty clay (60%) and silty mud (40%).
20-47 cm: silty clay (80%) and silty mud (20%). Black lens at 34 cm. 0-47 cm: very disturbed.
SECTION 5: SILTY clay (90%) and SILTY mud (10%), olive (5Y 4/3) to olive gray (5Y 4/2). Soft, slightly to moderately disturbed.
OL
SL
38
40
Pleistocene to Middle Miocene
1
2
3
4
5

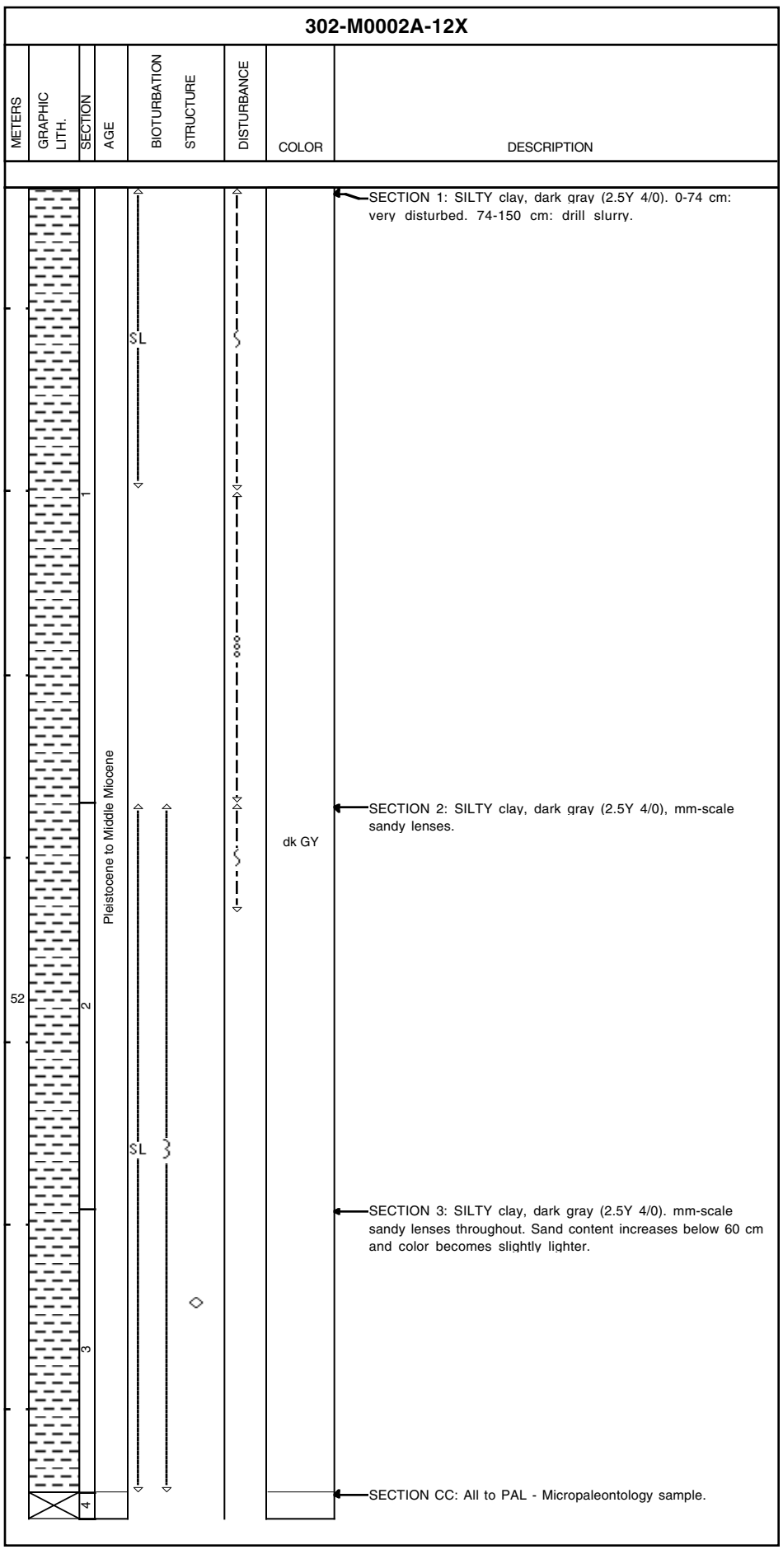
Core Photo


302-M0002A-10X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
42
44
1
2
3
4
SL
Pleistocene to Middle Miocene
ol GY
ol GY ol BR
ol GY ol BR
ol BR
ol GY ol BR
ol GY ol BR
ol GY ol BR
ol BR ol GY
ol BR
SECTION 1:
0-32 cm: SILTY clay (80%) and SILTY mud (20%), olive gray (5Y 5/2), soupy, slightly disturbed.
32-150 cm: SILTY clay, olive gray (5Y 4/2) and olive brown (2.5Y 4/4), slightly bioturbated, thin color banding (50-60 cm and 100-115 cm), small sandy lenses (1-2 mm) throughout.
SECTION 2: SILTY clay, mottled olive grey (5Y 4/2) to olive brown (2.5Y 4/4) with dark gray sand lenses (5Y 4/1) at 26-34 cm, 47-53 cm and 75-76 cm; thin olive brown color banding at 17-19 cm, 36-40 cm, 72-93 cm, 111-112 cm and 131-132 cm. Moderately bioturbated at 25-55 cm, 79-85 cm and 129-145 cm; slightly bioturbated elsewhere.
Section 3: SILTY clay, olive brown (2.5Y 4/4) and olive gray (5Y 4/2), partly slightly bioturbated, small sand lenses throughout. 13-16 cm: dark gray interval of SILTY mud.
SECTION CC: All to PAL - Sample contaminated with wood, as the core barrel was lowered, it slid across the wooden deck.

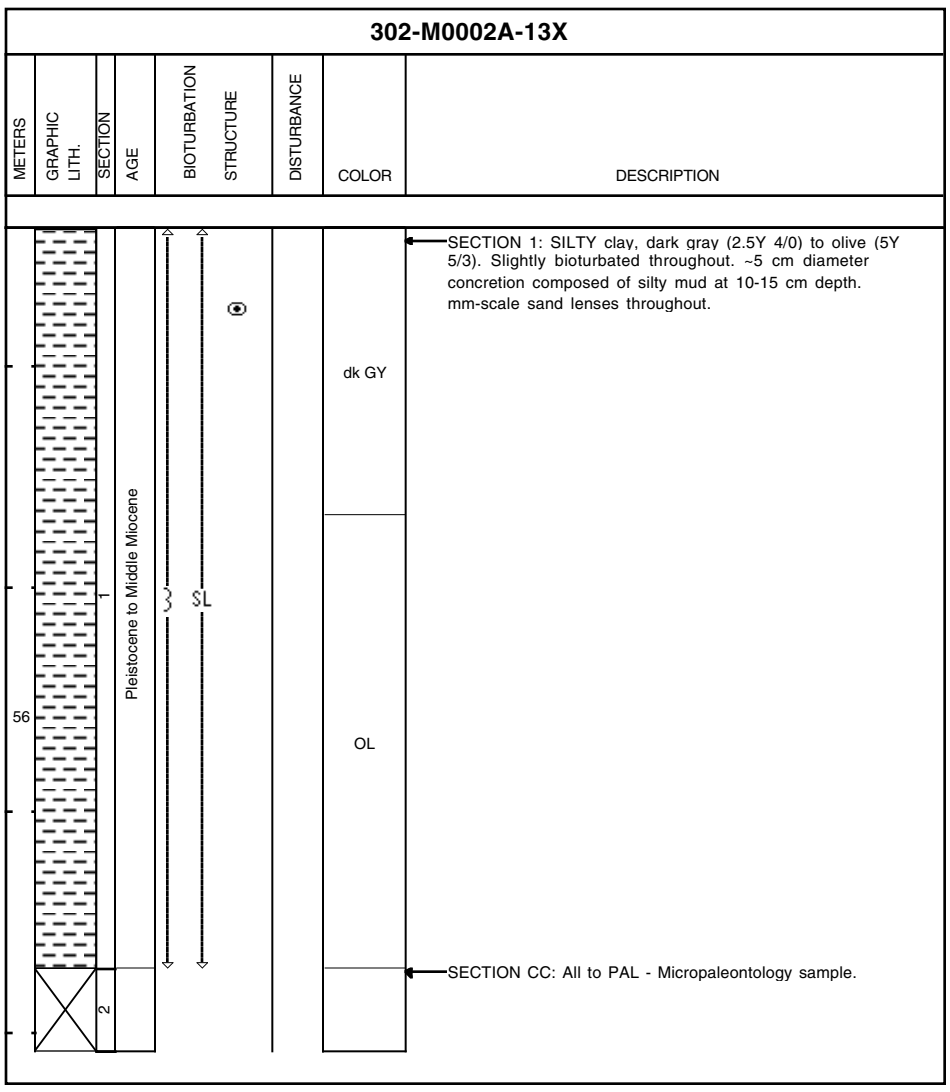
Core Photo


302-M0002A-11X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
SECTION 1: SILTY clay, olive (5Y 5/3), slight bioturbation throughout, mm-cm scale sandy lenses (gray) throughout. Isolated pebbles at 55 cm and 138 cm.
OL
SECTION 2: SILTY clay, olive (5Y 5/3) to olive gray (5Y 5/2), slight bioturbation throughout, mm-cm scale (gray) sandy lenses throughout.
ol GY
SECTION 3: SILTY clay, dark gray (2.5Y 4/0), mm - cm scale sandy lenses throughout. 73-144 cm: soft sediment biscuiting.
dk GY
SL
48
50
1
2
3
Pleistocene to Middle Miocene

Core Photo


302-M0002A-12X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
SECTION 1: SILTY clay, dark gray (2.5Y 4/0). 0-74 cm: very disturbed. 74-150 cm: drill slurry.
SL
Pleistocene to Middle Miocene
dk GY
SECTION 2: SILTY clay, dark gray (2.5Y 4/0), mm-scale sandy lenses.
52
SL
SECTION 3: SILTY clay, dark gray (2.5Y 4/0). mm-scale sandy lenses throughout. Sand content increases below 60 cm and color becomes slightly lighter.
SECTION CC: All to PAL - Micropaleontology sample.

Core Photo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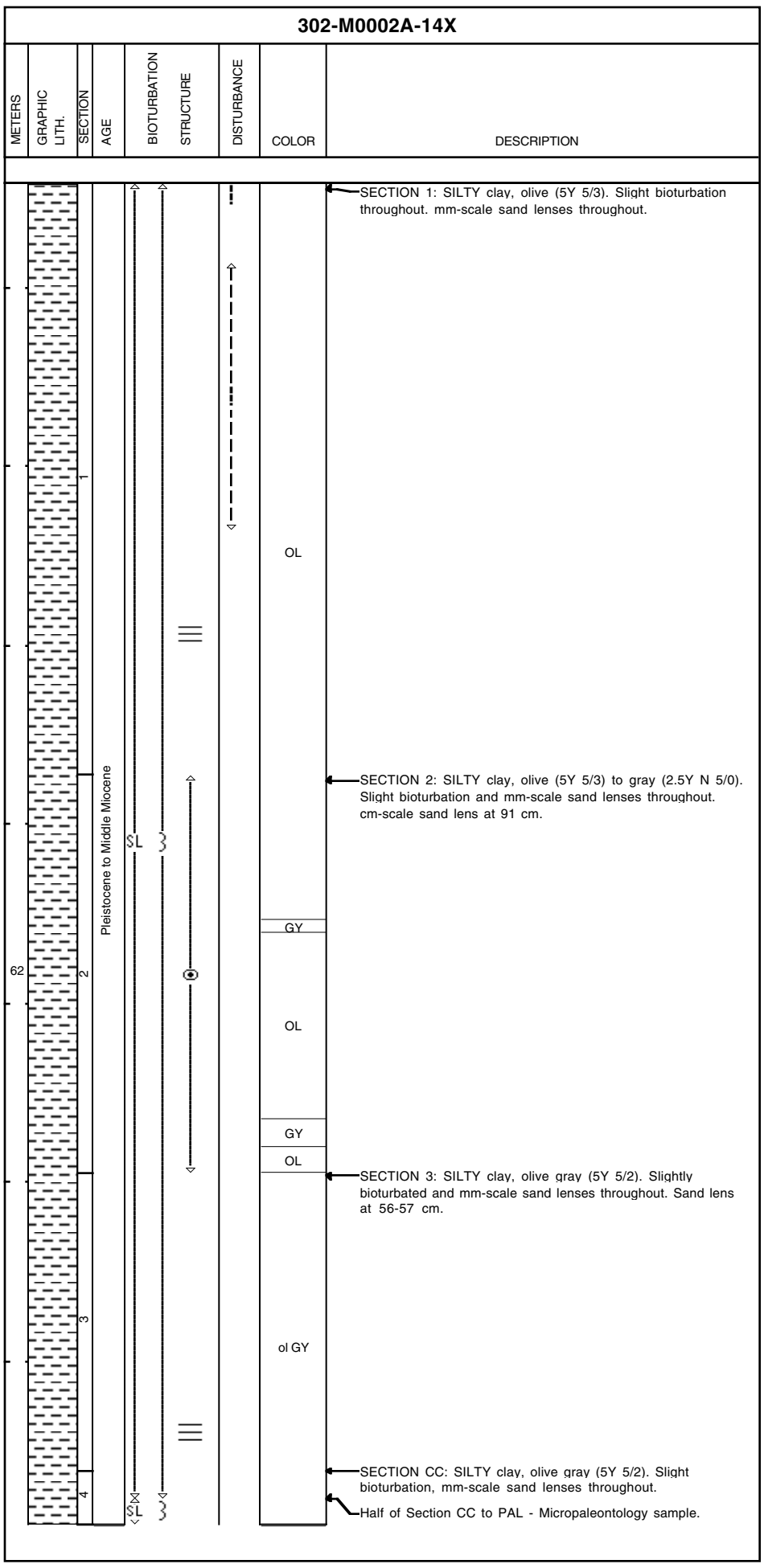
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
56
1
2
Pleistocene to Middle Miocene
SL
dk GY
OL
SECTION 1: SILTY clay, dark gray (2.5Y 4/0) to olive (5Y 5/3). Slightly bioturbated throughout. ~5 cm diameter concretion composed of silty mud at 10-15 cm depth. mm-scale sand lenses throughout.
SECTION CC: All to PAL - Micropaleontology sample.

Core Photo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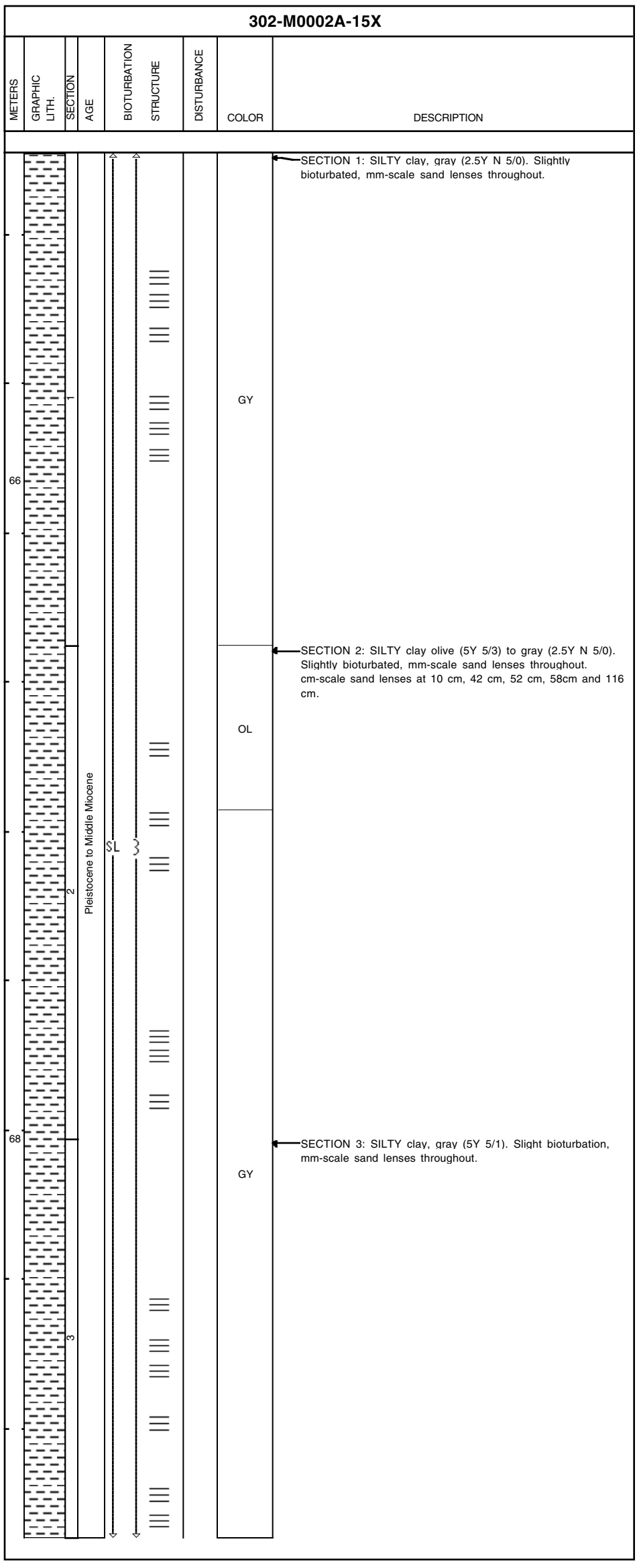
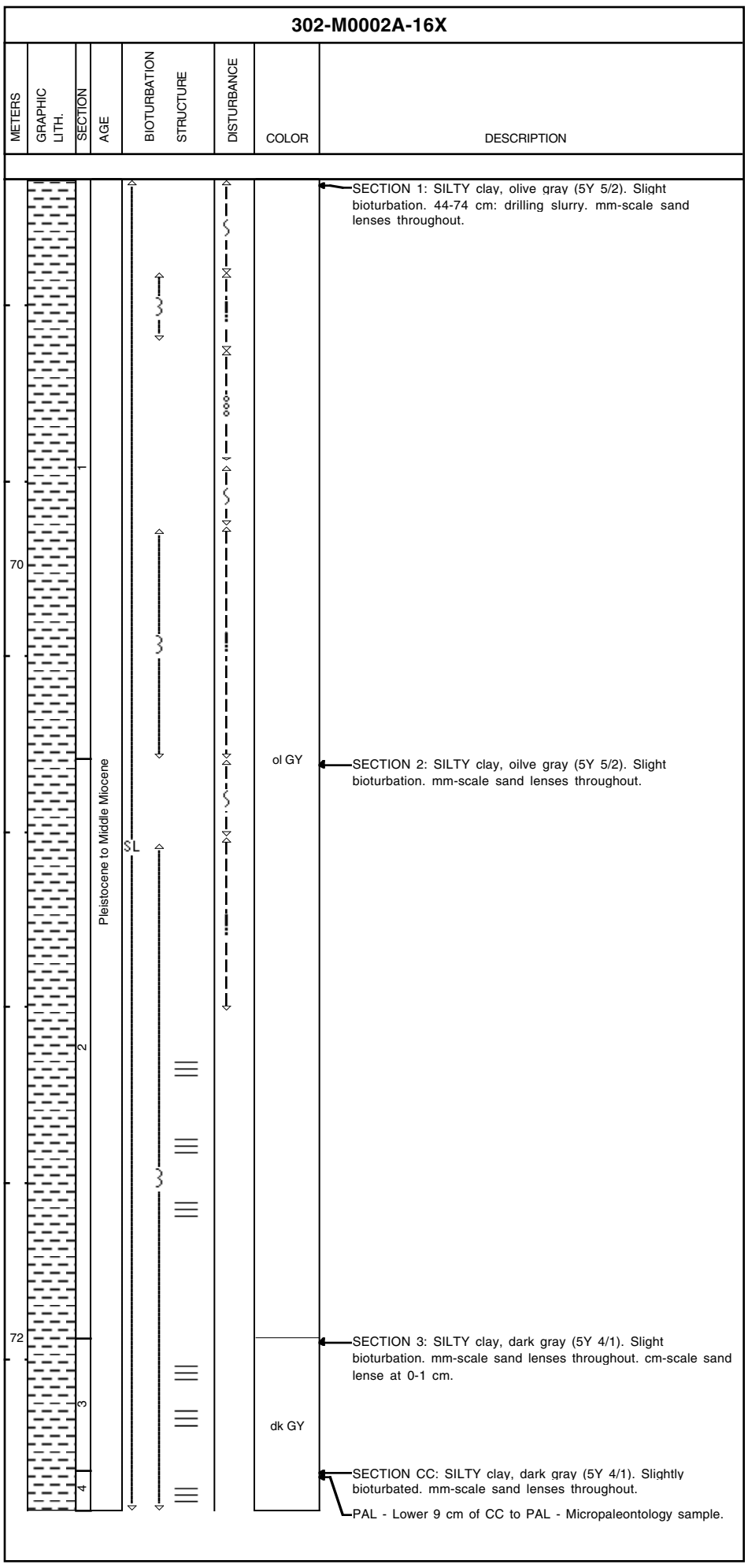
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
62
1
2
3
4
Pleistocene to Middle Miocene
SL
SL
OL
GY
OL
GY
OL
ol GY
SECTION 1: SILTY clay, olive (5Y 5/3). Slight bioturbation throughout. mm-scale sand lenses throughout.
SECTION 2: SILTY clay, olive (5Y 5/3) to gray (2.5Y N 5/0). Slight bioturbation and mm-scale sand lenses throughout. cm-scale sand lens at 91 cm.
SECTION 3: SILTY clay, olive gray (5Y 5/2). Slightly bioturbated and mm-scale sand lenses throughout. Sand lens at 56-57 cm.
SECTION CC: SILTY clay, olive gray (5Y 5/2). Slight bioturbation, mm-scale sand lenses throughout.
Half of Section CC to PAL - Micropaleontology sample.

Core Photo


302-M0002A-15X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
SECTION 1: SILTY clay, gray (2.5Y N 5/0). Slightly bioturbated, mm-scale sand lenses throughout.
GY
SECTION 2: SILTY clay olive (5Y 5/3) to gray (2.5Y N 5/0). Slightly bioturbated, mm-scale sand lenses throughout. cm-scale sand lenses at 10 cm, 42 cm, 52 cm, 58cm and 116 cm.
OL
SECTION 3: SILTY clay, gray (5Y 5/1). Slight bioturbation, mm-scale sand lenses throughout.
GY
66
68
1
2
3
SL
Pleistocene to Middle Miocene

Core Photo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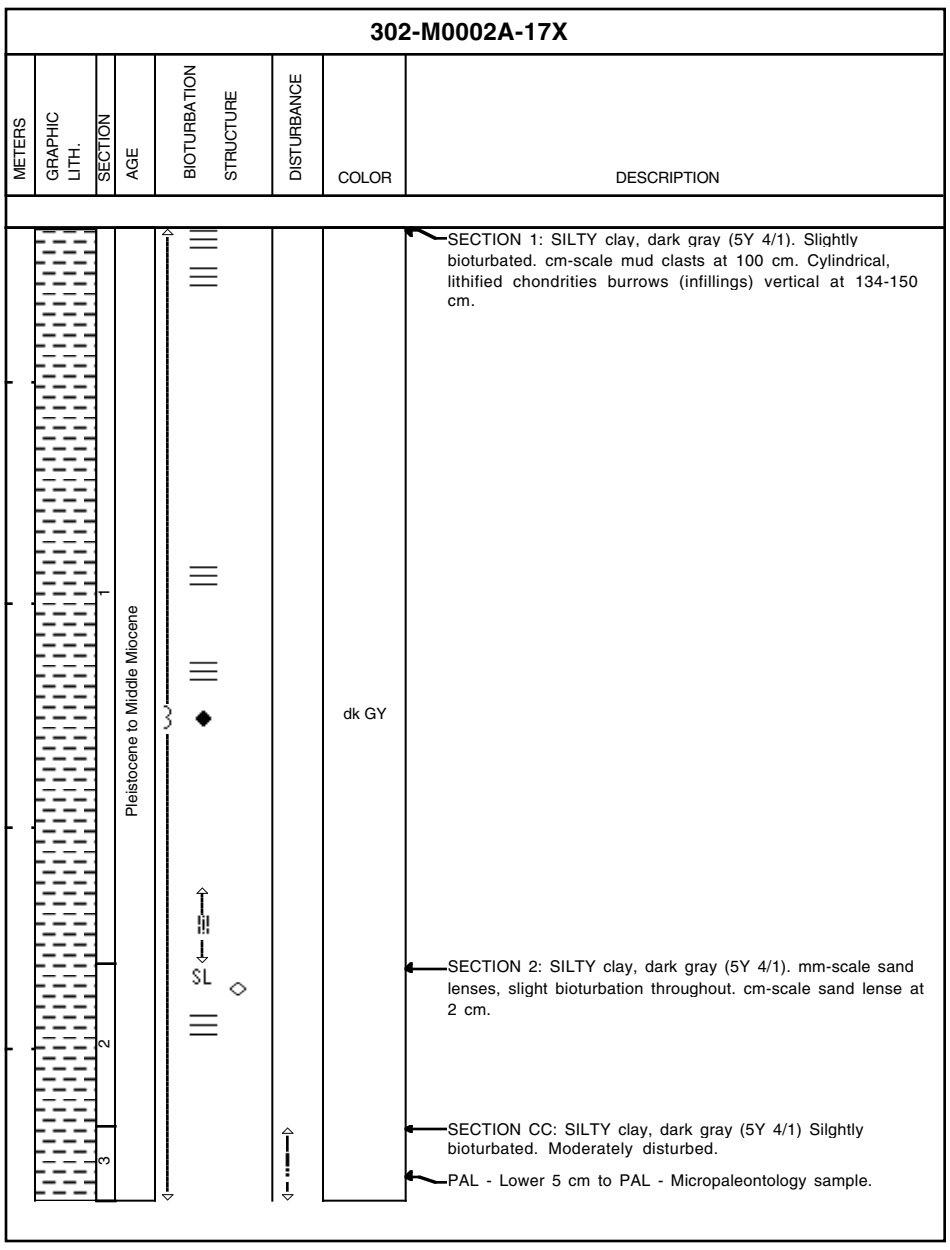
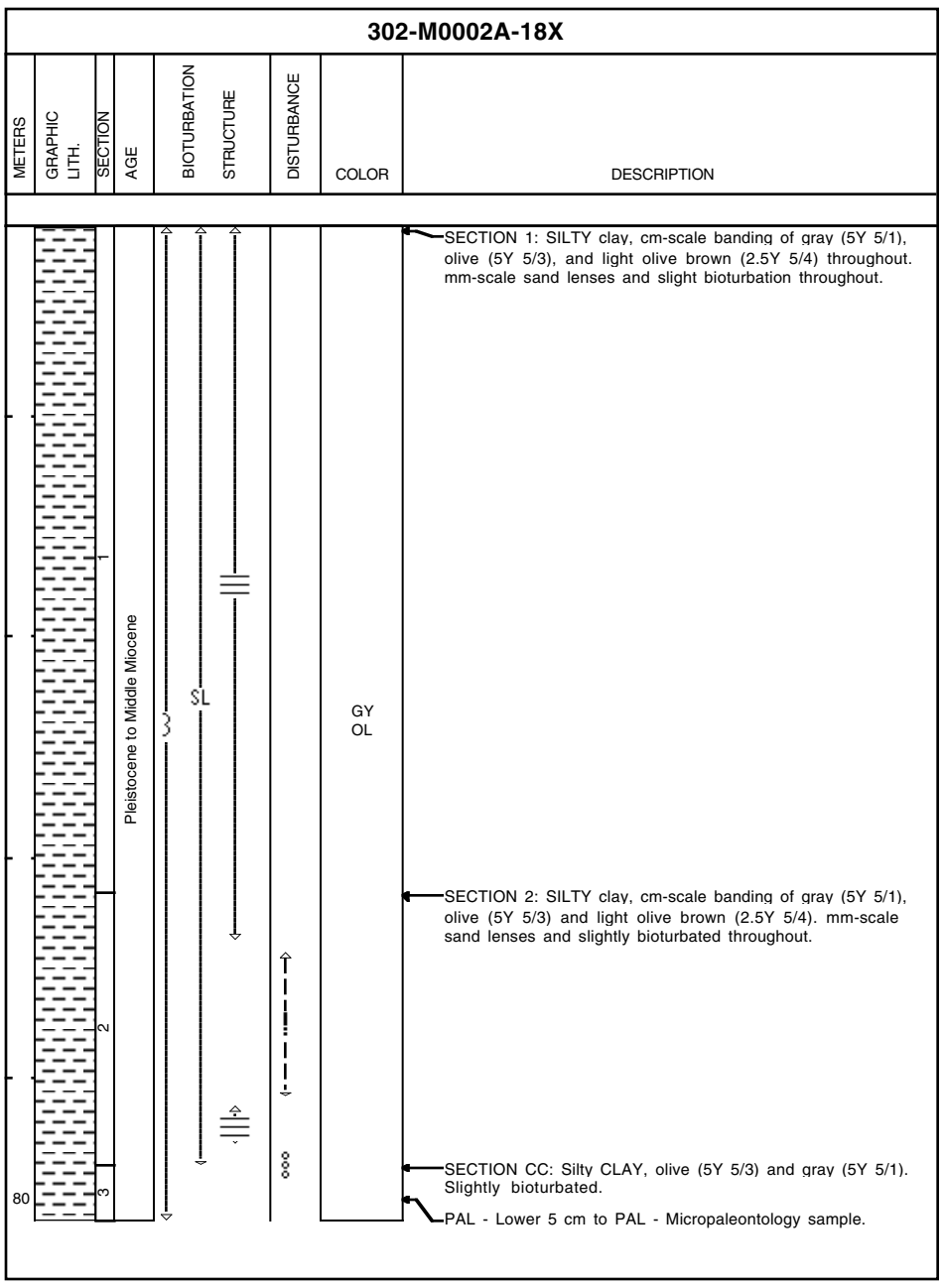
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
70
72
1
2
3
4
SL
Pleistocene to Middle Miocene
SECTION 1: SILTY clay, olive gray (5Y 5/2). Slight bioturbation. 44-74 cm: drilling slurry. mm-scale sand lenses throughout.
ol GY
SECTION 2: SILTY clay, oilve gray (5Y 5/2). Slight bioturbation. mm-scale sand lenses throughout.
SECTION 3: SILTY clay, dark gray (5Y 4/1). Slight bioturbation. mm-scale sand lenses throughout. cm-scale sand lense at 0-1 cm.
dk GY
SECTION CC: SILTY clay, dark gray (5Y 4/1). Slightly bioturbated. mm-scale sand lenses throughout.
PAL - Lower 9 cm of CC to PAL - Micropaleontology sample.

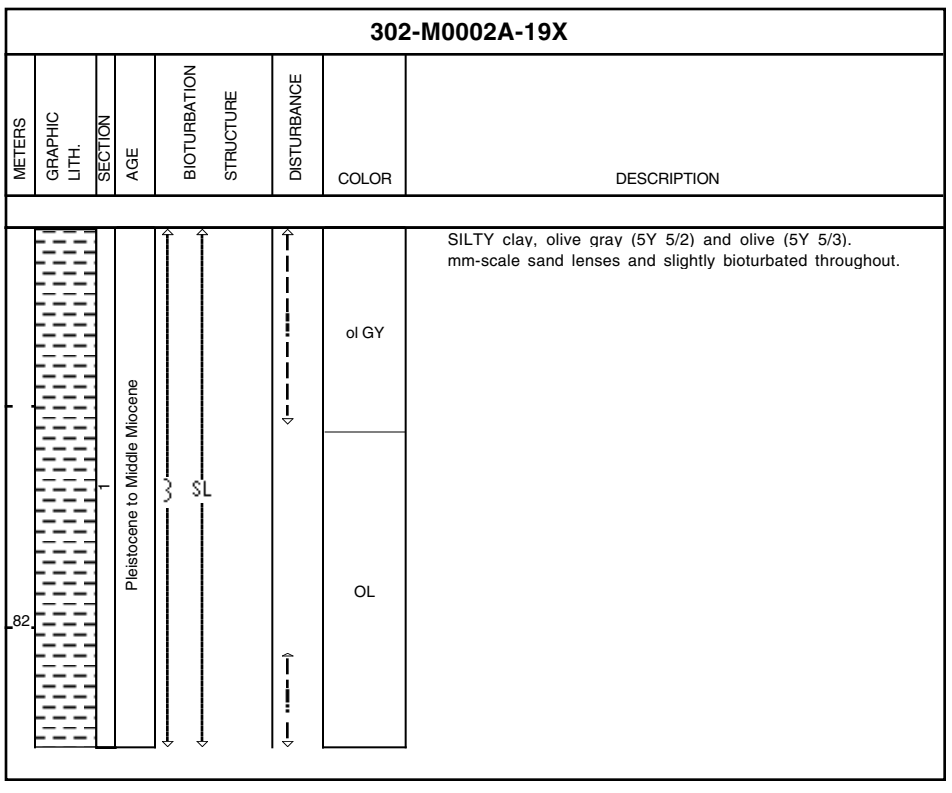
Core Photo


302-M0002A-17X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
Pleistocene to Middle Miocene
1
2
3
SL
dk GY
SECTION 1: SILTY clay, dark gray (5Y 4/1). Slightly bioturbated. cm-scale mud clasts at 100 cm. Cylindrical, lithified chondrities burrows (infillings) vertical at 134-150 cm.
SECTION 2: SILTY clay, dark gray (5Y 4/1). mm-scale sand lenses, slight bioturbation throughout. cm-scale sand lense at 2 cm.
SECTION CC: SILTY clay, dark gray (5Y 4/1) Silghtly bioturbated. Moderately disturbed.
PAL - Lower 5 cm to PAL - Micropaleontology sample.

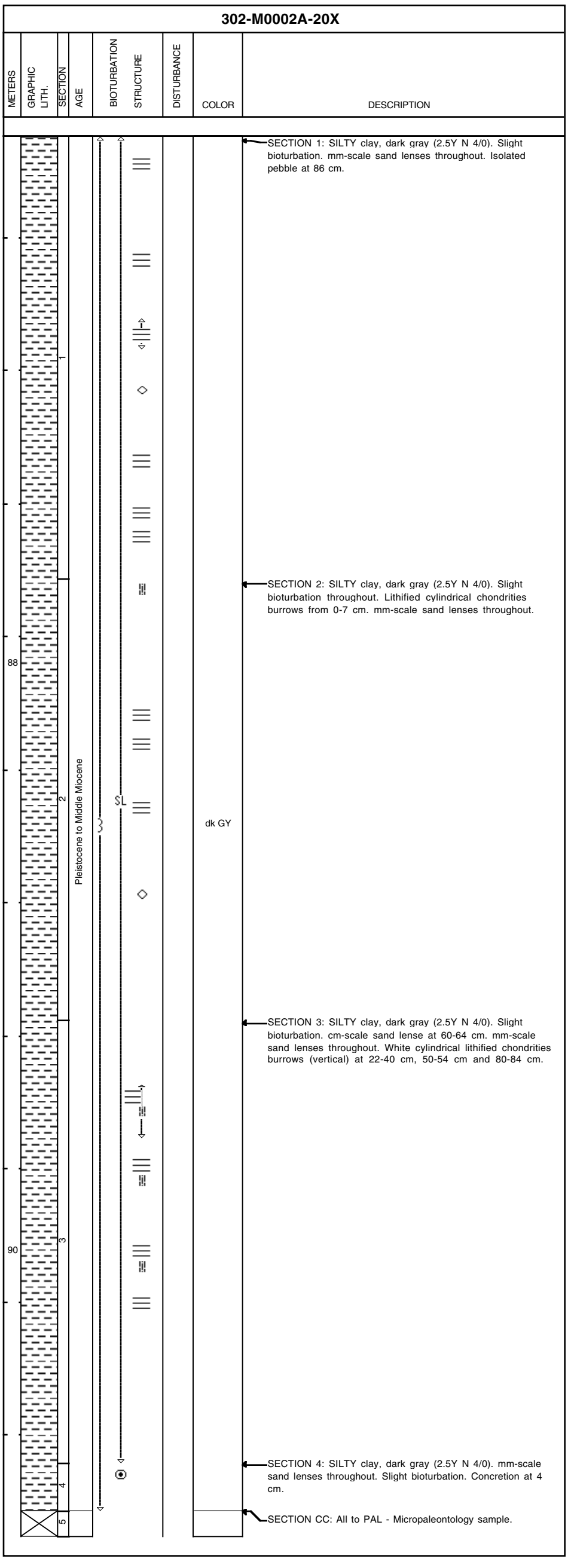
Core Photo


302-M0002A-18X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
80
1
2
3
Pleistocene to Middle Miocene
SL
GY
OL
SECTION 1: SILTY clay, cm-scale banding of gray (5Y 5/1), olive (5Y 5/3), and light olive brown (2.5Y 5/4) throughout. mm-scale sand lenses and slight bioturbation throughout.
SECTION 2: SILTY clay, cm-scale banding of gray (5Y 5/1), olive (5Y 5/3) and light olive brown (2.5Y 5/4). mm-scale sand lenses and slightly bioturbated throughout.
SECTION CC: Silty CLAY, olive (5Y 5/3) and gray (5Y 5/1). Slightly bioturbated.
PAL - Lower 5 cm to PAL - Micropaleontology sample.

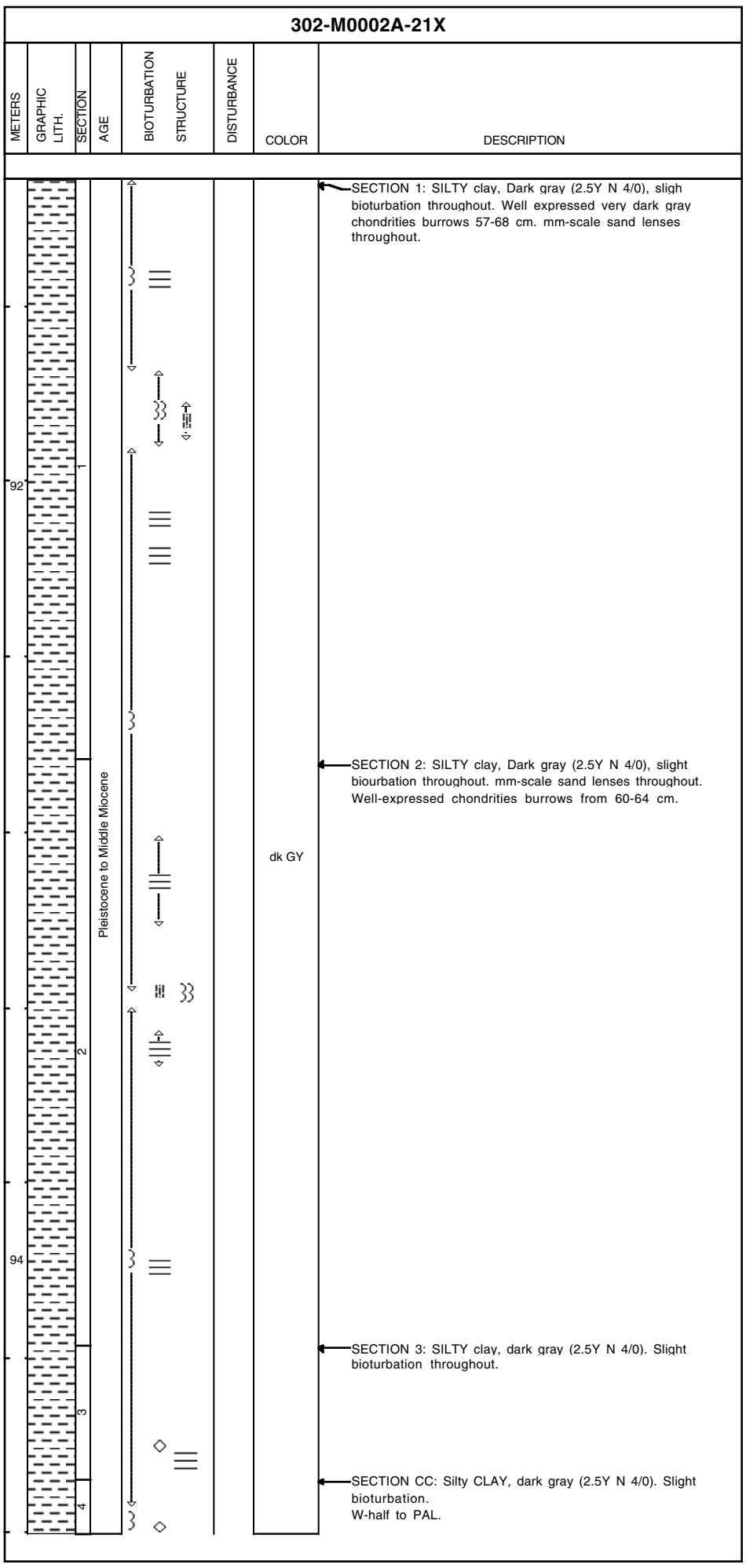
Core Photo


302-M0002A-19X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
SILTY clay, olive gray (5Y 5/2) and olive (5Y 5/3).
mm-scale sand lenses and slightly bioturbated throughout.
ol GY
OL
SL
1
82
Pleistocene to Middle Miocene

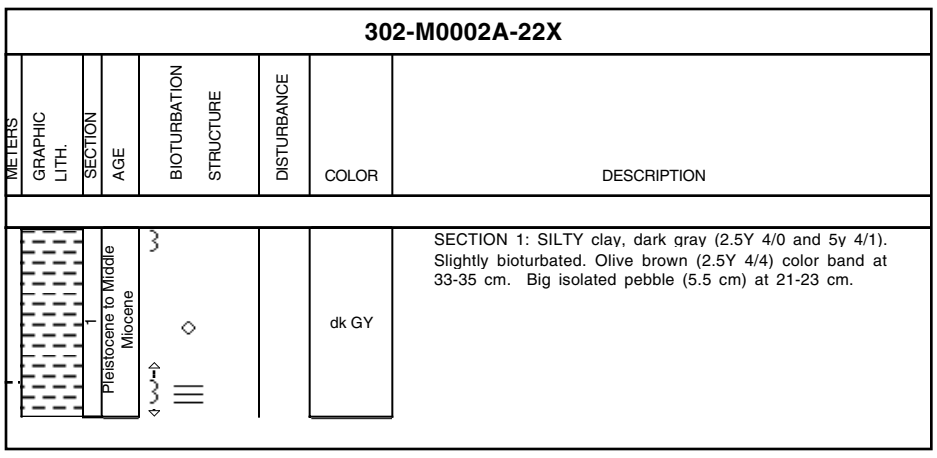
Core Photo


302-M0002A-20X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
88
90
1
2
3
4
5
Pleistocene to Middle Miocene
SL
dk GY
SECTION 1: SILTY clay, dark gray (2.5Y N 4/0). Slight bioturbation. mm-scale sand lenses throughout. Isolated pebble at 86 cm.
SECTION 2: SILTY clay, dark gray (2.5Y N 4/0). Slight bioturbation throughout. Lithified cylindrical chondrities burrows from 0-7 cm. mm-scale sand lenses throughout.
SECTION 3: SILTY clay, dark gray (2.5Y N 4/0). Slight bioturbation. cm-scale sand lense at 60-64 cm. mm-scale sand lenses throughout. White cylindrical lithified chondrities burrows (vertical) at 22-40 cm, 50-54 cm and 80-84 cm.
SECTION 4: SILTY clay, dark gray (2.5Y N 4/0). mm-scale sand lenses throughout. Slight bioturbation. Concretion at 4 cm.
SECTION CC: All to PAL - Micropaleontology sample.

Core Photo


302-M0002A-21X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
92
94
1
2
3
4
Pleistocene to Middle Miocene
dk GY
SECTION 1: SILTY clay, Dark gray (2.5Y N 4/0), sligh bioturbation throughout. Well expressed very dark gray chondrities burrows 57-68 cm. mm-scale sand lenses throughout.
SECTION 2: SILTY clay, Dark gray (2.5Y N 4/0), slight biourbation throughout. mm-scale sand lenses throughout. Well-expressed chondrities burrows from 60-64 cm.
SECTION 3: SILTY clay, dark gray (2.5Y N 4/0). Slight bioturbation throughout.
SECTION CC: Silty CLAY, dark gray (2.5Y N 4/0). Slight bioturbation.
W-half to PAL.

Core Photo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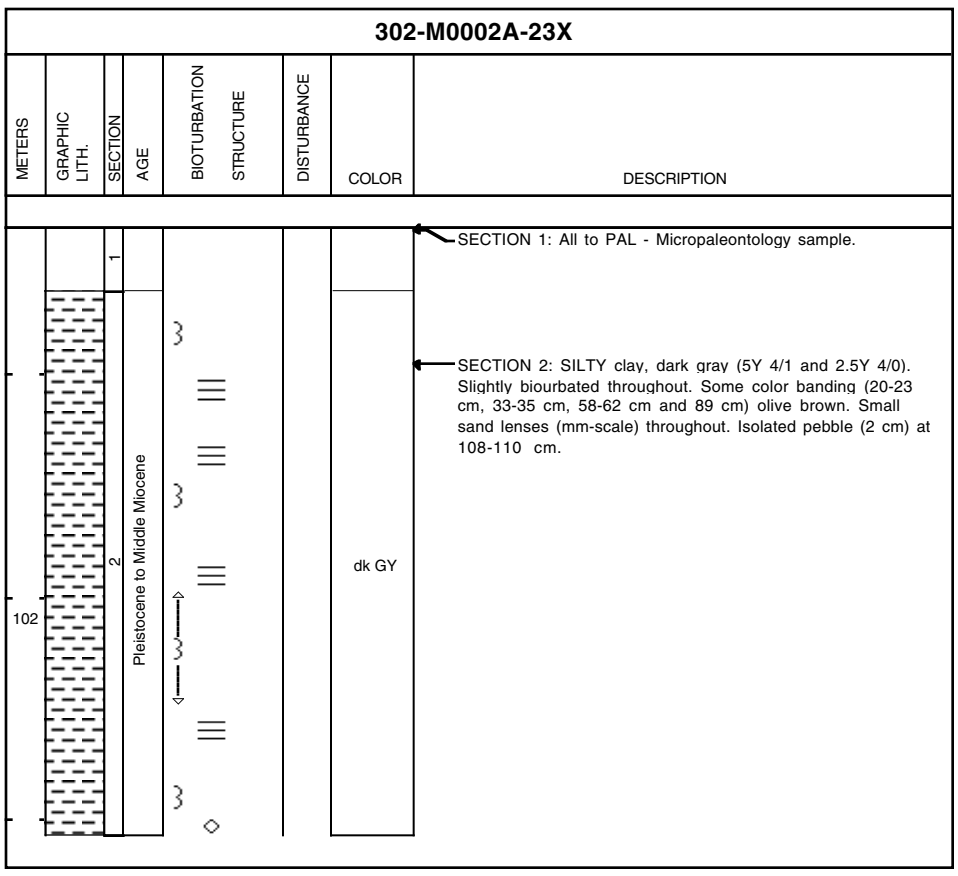
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
1
Pleistocene to Middle Miocene
dk GY
SECTION 1: SILTY clay, dark gray (2.5Y 4/0 and 5y 4/1). Slightly bioturbated. Olive brown (2.5Y 4/4) color band at 33-35 cm. Big isolated pebble (5.5 cm) at 21-23 cm.

Core Photo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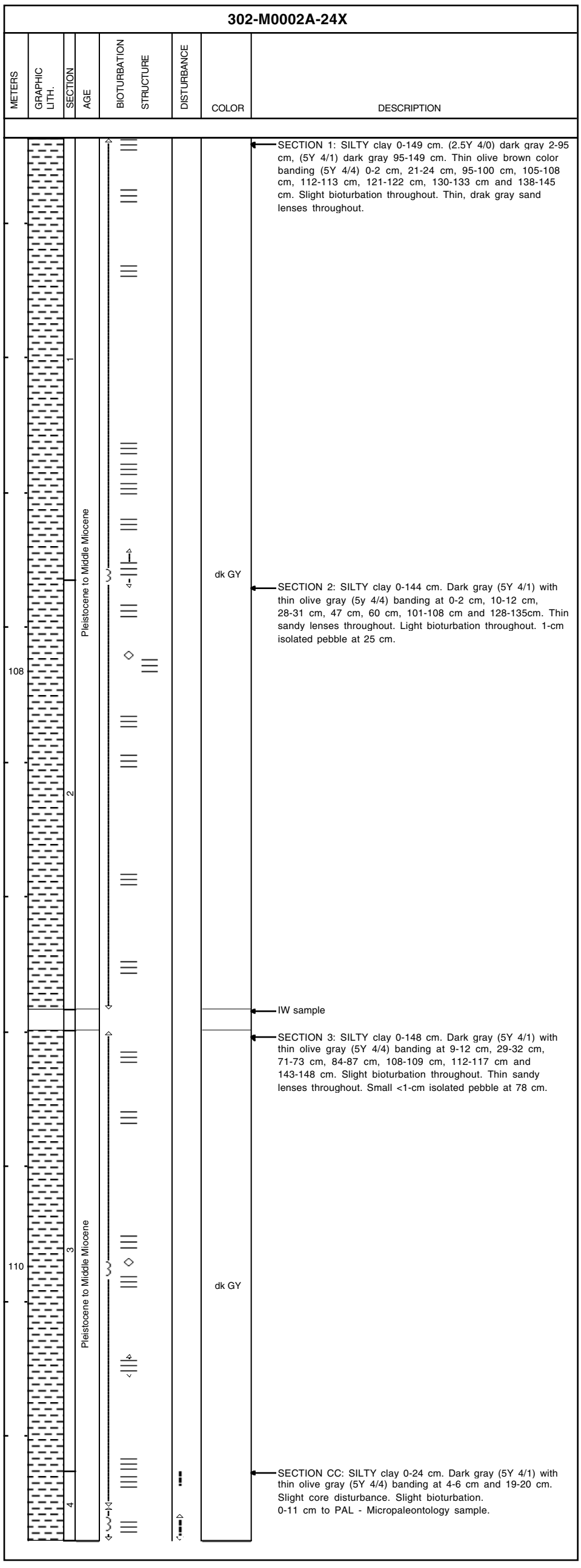
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
1
2
Pleistocene to Middle Miocene
102
dk GY
SECTION 1: All to PAL - Micropaleontology sample.
SECTION 2: SILTY clay, dark gray (5Y 4/1 and 2.5Y 4/0). Slightly biourbated throughout. Some color banding (20-23 cm, 33-35 cm, 58-62 cm and 89 cm) olive brown. Small sand lenses (mm-scale) throughout. Isolated pebble (2 cm) at 108-110 cm.

Core Photo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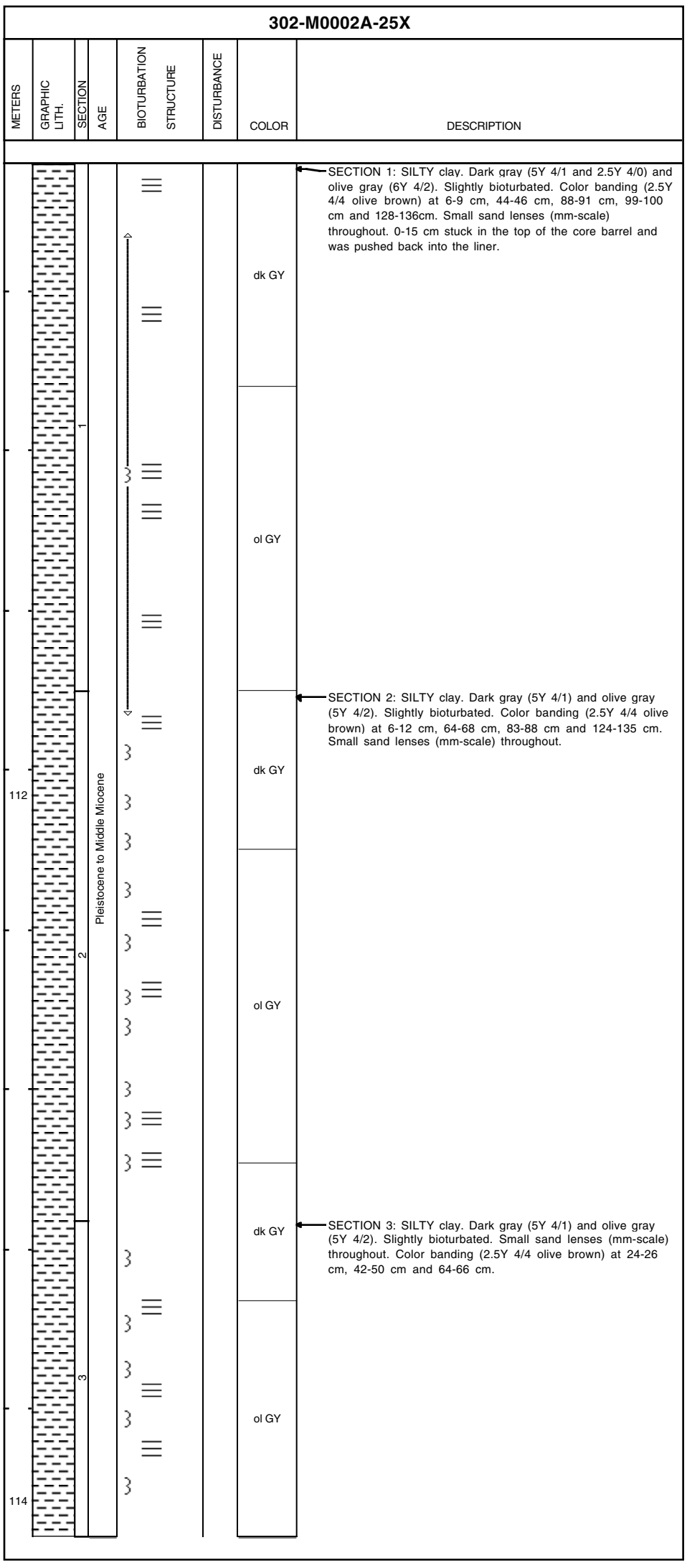
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
108
110
1
2
3
4
Pleistocene to Middle Miocene
Pleistocene to Middle Miocene
dk GY
dk GY
SECTION 1: SILTY clay 0-149 cm. (2.5Y 4/0) dark gray 2-95 cm, (5Y 4/1) dark gray 95-149 cm. Thin olive brown color banding (5Y 4/4) 0-2 cm, 21-24 cm, 95-100 cm, 105-108 cm, 112-113 cm, 121-122 cm, 130-133 cm and 138-145 cm. Slight bioturbation throughout. Thin, drak gray sand lenses throughout.
SECTION 2: SILTY clay 0-144 cm. Dark gray (5Y 4/1) with thin olive gray (5y 4/4) banding at 0-2 cm, 10-12 cm, 28-31 cm, 47 cm, 60 cm, 101-108 cm and 128-135cm. Thin sandy lenses throughout. Light bioturbation throughout. 1-cm isolated pebble at 25 cm.
IW sample
SECTION 3: SILTY clay 0-148 cm. Dark gray (5Y 4/1) with thin olive gray (5Y 4/4) banding at 9-12 cm, 29-32 cm, 71-73 cm, 84-87 cm, 108-109 cm, 112-117 cm and 143-148 cm. Slight bioturbation throughout. Thin sandy lenses throughout. Small <1-cm isolated pebble at 78 cm.
SECTION CC: SILTY clay 0-24 cm. Dark gray (5Y 4/1) with thin olive gray (5Y 4/4) banding at 4-6 cm and 19-20 cm. Slight core disturbance. Slight bioturbation.
0-11 cm to PAL - Micropaleontology sample.

Core Photo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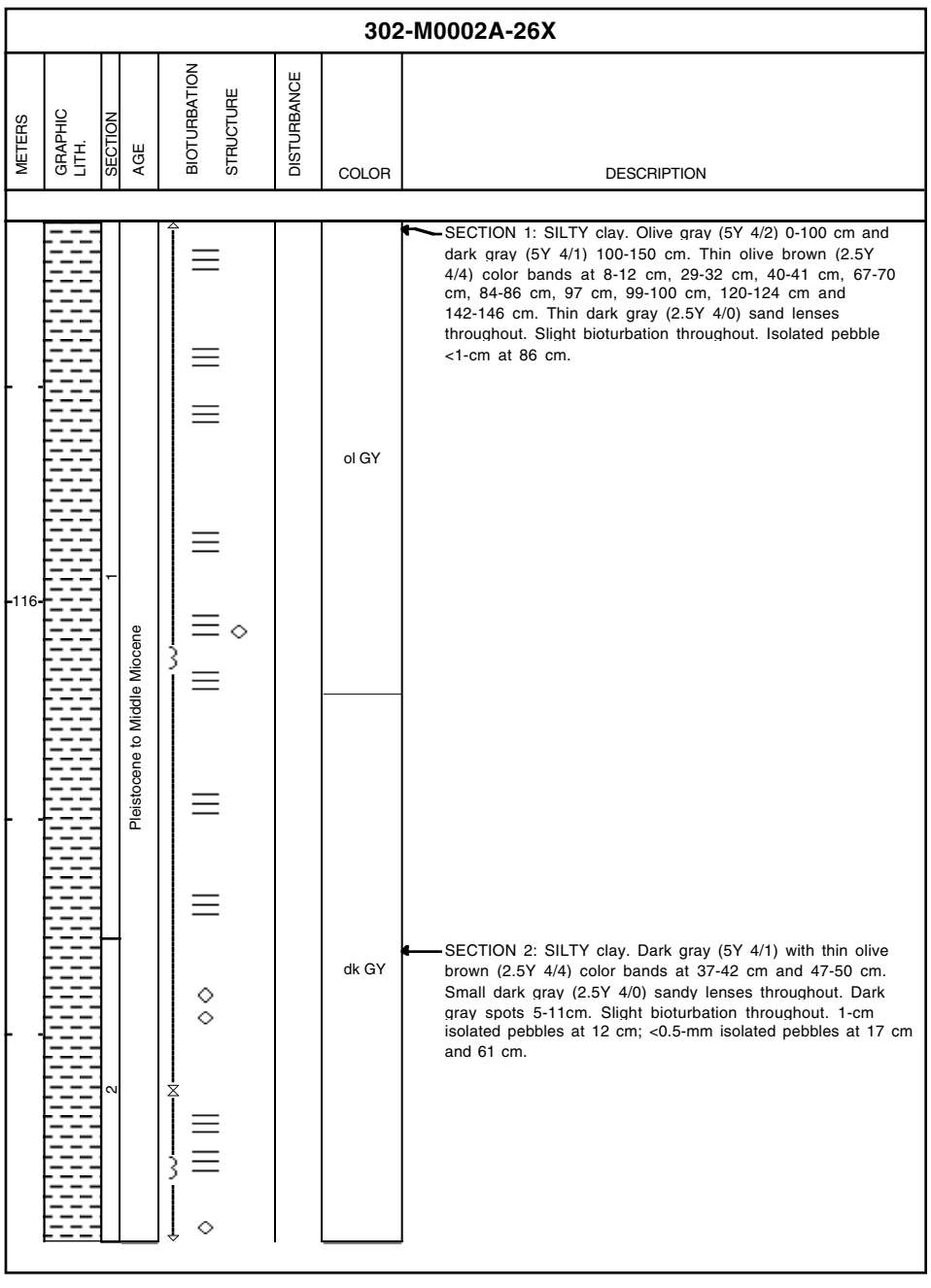
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
112
114
1
2
3
Pleistocene to Middle Miocene
SECTION 1: SILTY clay. Dark gray (5Y 4/1 and 2.5Y 4/0) and olive gray (6Y 4/2). Slightly bioturbated. Color banding (2.5Y 4/4 olive brown) at 6-9 cm, 44-46 cm, 88-91 cm, 99-100 cm and 128-136cm. Small sand lenses (mm-scale) throughout. 0-15 cm stuck in the top of the core barrel and was pushed back into the liner.
dk GY
ol GY
SECTION 2: SILTY clay. Dark gray (5Y 4/1) and olive gray (5Y 4/2). Slightly bioturbated. Color banding (2.5Y 4/4 olive brown) at 6-12 cm, 64-68 cm, 83-88 cm and 124-135 cm. Small sand lenses (mm-scale) throughout.
dk GY
ol GY
SECTION 3: SILTY clay. Dark gray (5Y 4/1) and olive gray (5Y 4/2). Slightly bioturbated. Small sand lenses (mm-scale) throughout. Color banding (2.5Y 4/4 olive brown) at 24-26 cm, 42-50 cm and 64-66 cm.
dk GY
ol GY

Core Photo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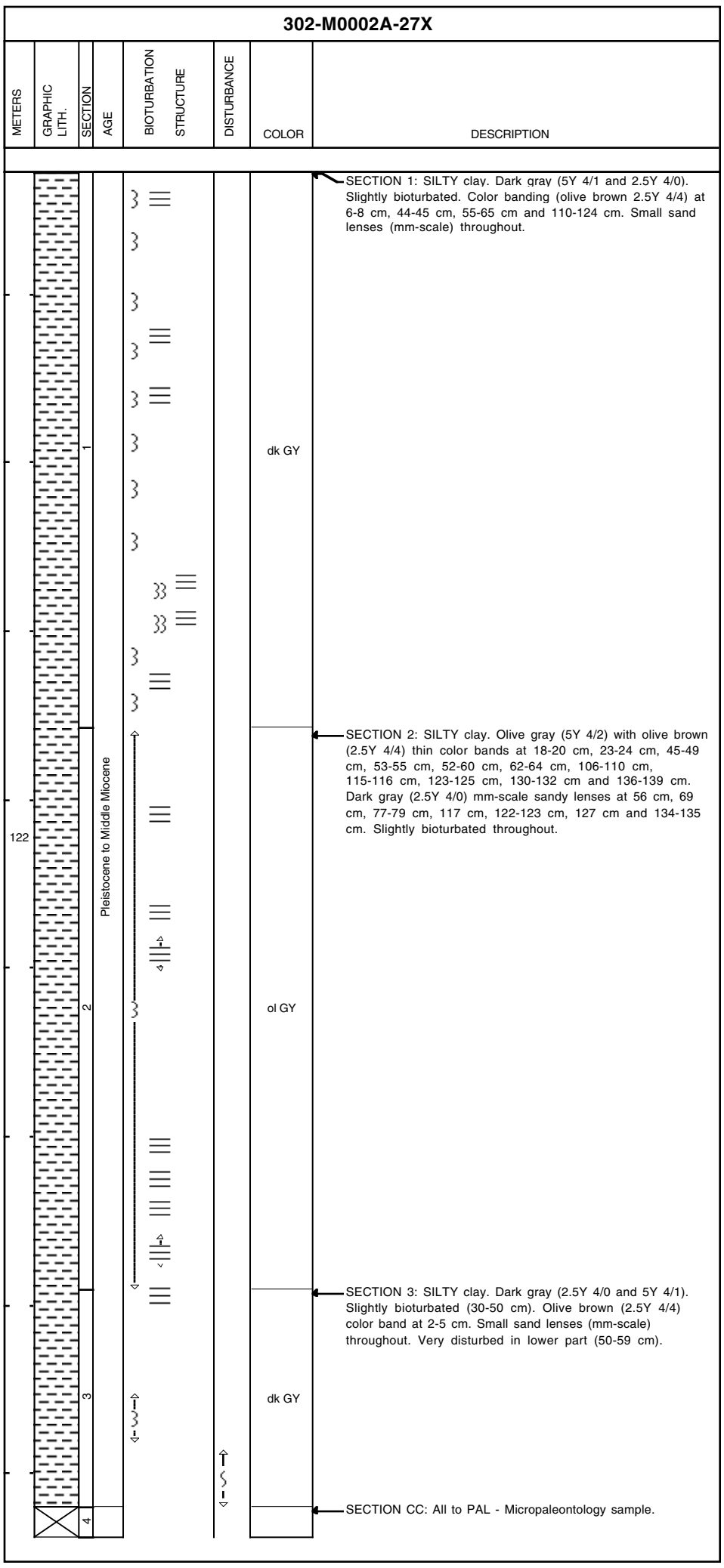
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
116
1
2
Pleistocene to Middle Miocene
ol GY
dk GY
SECTION 1: SILTY clay. Olive gray (5Y 4/2) 0-100 cm and dark gray (5Y 4/1) 100-150 cm. Thin olive brown (2.5Y 4/4) color bands at 8-12 cm, 29-32 cm, 40-41 cm, 67-70 cm, 84-86 cm, 97 cm, 99-100 cm, 120-124 cm and 142-146 cm. Thin dark gray (2.5Y 4/0) sand lenses throughout. Slight bioturbation throughout. Isolated pebble <1-cm at 86 cm.
SECTION 2: SILTY clay. Dark gray (5Y 4/1) with thin olive brown (2.5Y 4/4) color bands at 37-42 cm and 47-50 cm. Small dark gray (2.5Y 4/0) sandy lenses throughout. Dark gray spots 5-11cm. Slight bioturbation throughout. 1-cm isolated pebbles at 12 cm; <0.5-mm isolated pebbles at 17 cm and 61 cm.

Core Photo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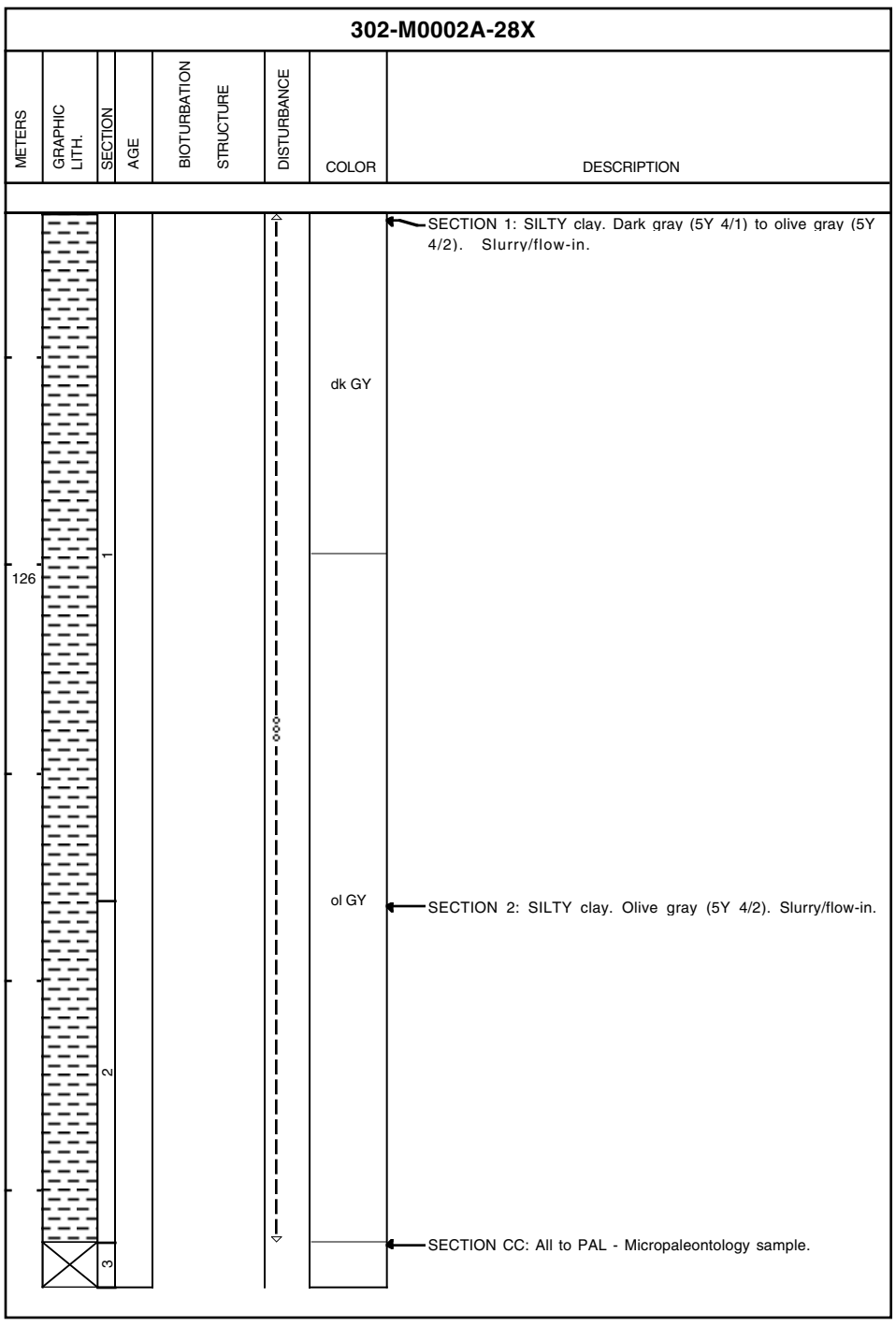
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
122
Pleistocene to Middle Miocene
1
2
3
4
dk GY
ol GY
dk GY
SECTION 1: SILTY clay. Dark gray (5Y 4/1 and 2.5Y 4/0). Slightly bioturbated. Color banding (olive brown 2.5Y 4/4) at 6-8 cm, 44-45 cm, 55-65 cm and 110-124 cm. Small sand lenses (mm-scale) throughout.
SECTION 2: SILTY clay. Olive gray (5Y 4/2) with olive brown (2.5Y 4/4) thin color bands at 18-20 cm, 23-24 cm, 45-49 cm, 53-55 cm, 52-60 cm, 62-64 cm, 106-110 cm, 115-116 cm, 123-125 cm, 130-132 cm and 136-139 cm. Dark gray (2.5Y 4/0) mm-scale sandy lenses at 56 cm, 69 cm, 77-79 cm, 117 cm, 122-123 cm, 127 cm and 134-135 cm. Slightly bioturbated throughout.
SECTION 3: SILTY clay. Dark gray (2.5Y 4/0 and 5Y 4/1). Slightly bioturbated (30-50 cm). Olive brown (2.5Y 4/4) color band at 2-5 cm. Small sand lenses (mm-scale) throughout. Very disturbed in lower part (50-59 cm).
SECTION CC: All to PAL - Micropaleontology sample.

Core Photo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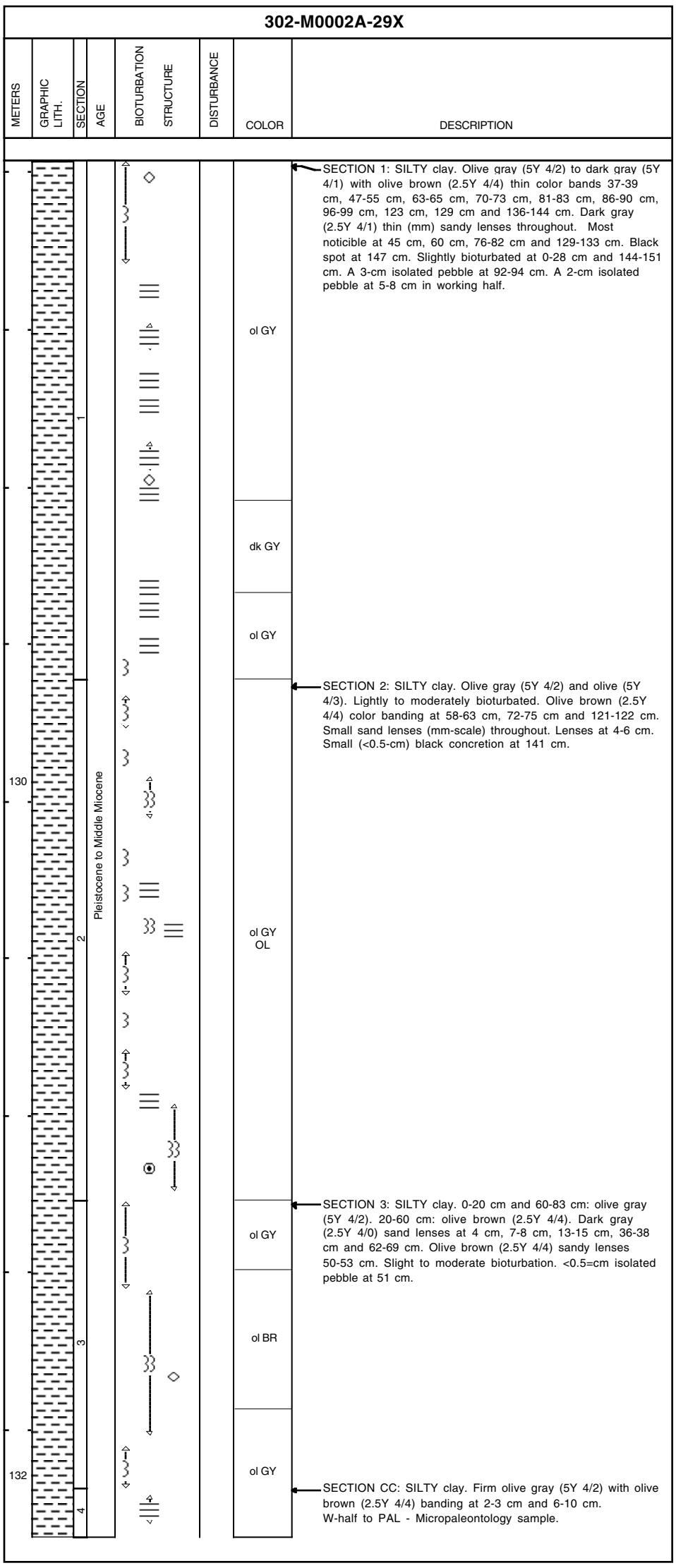
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
126
1
2
3
dk GY
ol GY
SECTION 1: SILTY clay. Dark gray (5Y 4/1) to olive gray (5Y 4/2). Slurry/flow-in.
SECTION 2: SILTY clay. Olive gray (5Y 4/2). Slurry/flow-in.
SECTION CC: All to PAL - Micropaleontology sample.

Core Photo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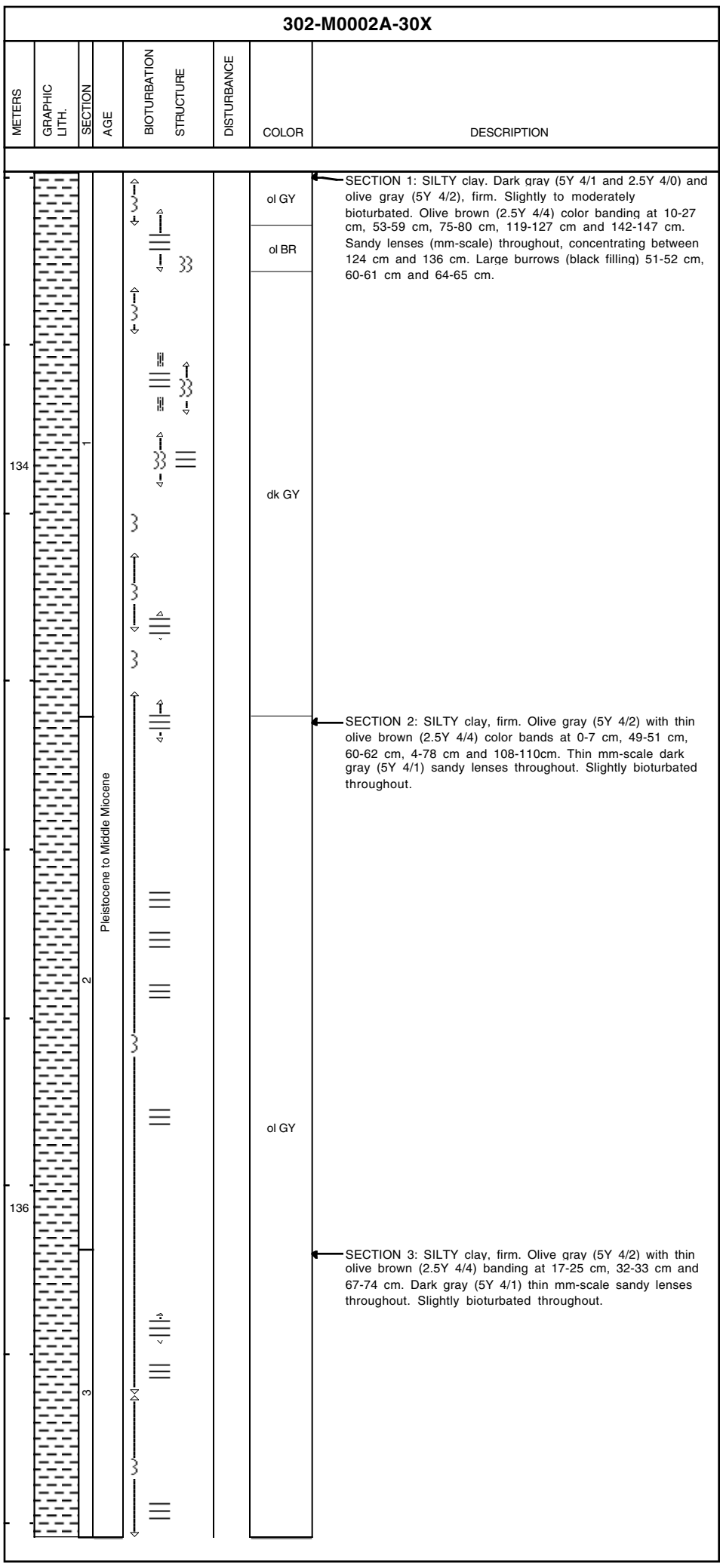
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
130
132
1
2
3
4
Pleistocene to Middle Miocene
ol GY
dk GY
ol GY
ol GY OL
ol GY
ol BR
ol GY
SECTION 1: SILTY clay. Olive gray (5Y 4/2) to dark gray (5Y 4/1) with olive brown (2.5Y 4/4) thin color bands 37-39 cm, 47-55 cm, 63-65 cm, 70-73 cm, 81-83 cm, 86-90 cm, 96-99 cm, 123 cm, 129 cm and 136-144 cm. Dark gray (2.5Y 4/1) thin (mm) sandy lenses throughout. Most noticible at 45 cm, 60 cm, 76-82 cm and 129-133 cm. Black spot at 147 cm. Slightly bioturbated at 0-28 cm and 144-151 cm. A 3-cm isolated pebble at 92-94 cm. A 2-cm isolated pebble at 5-8 cm in working half.
SECTION 2: SILTY clay. Olive gray (5Y 4/2) and olive (5Y 4/3). Lightly to moderately bioturbated. Olive brown (2.5Y 4/4) color banding at 58-63 cm, 72-75 cm and 121-122 cm. Small sand lenses (mm-scale) throughout. Lenses at 4-6 cm. Small (<0.5-cm) black concretion at 141 cm.
SECTION 3: SILTY clay. 0-20 cm and 60-83 cm: olive gray (5Y 4/2). 20-60 cm: olive brown (2.5Y 4/4). Dark gray (2.5Y 4/0) sand lenses at 4 cm, 7-8 cm, 13-15 cm, 36-38 cm and 62-69 cm. Olive brown (2.5Y 4/4) sandy lenses 50-53 cm. Slight to moderate bioturbation. <0.5=cm isolated pebble at 51 cm.
SECTION CC: SILTY clay. Firm olive gray (5Y 4/2) with olive brown (2.5Y 4/4) banding at 2-3 cm and 6-10 cm. W-half to PAL - Micropaleontology sample.

Core Photo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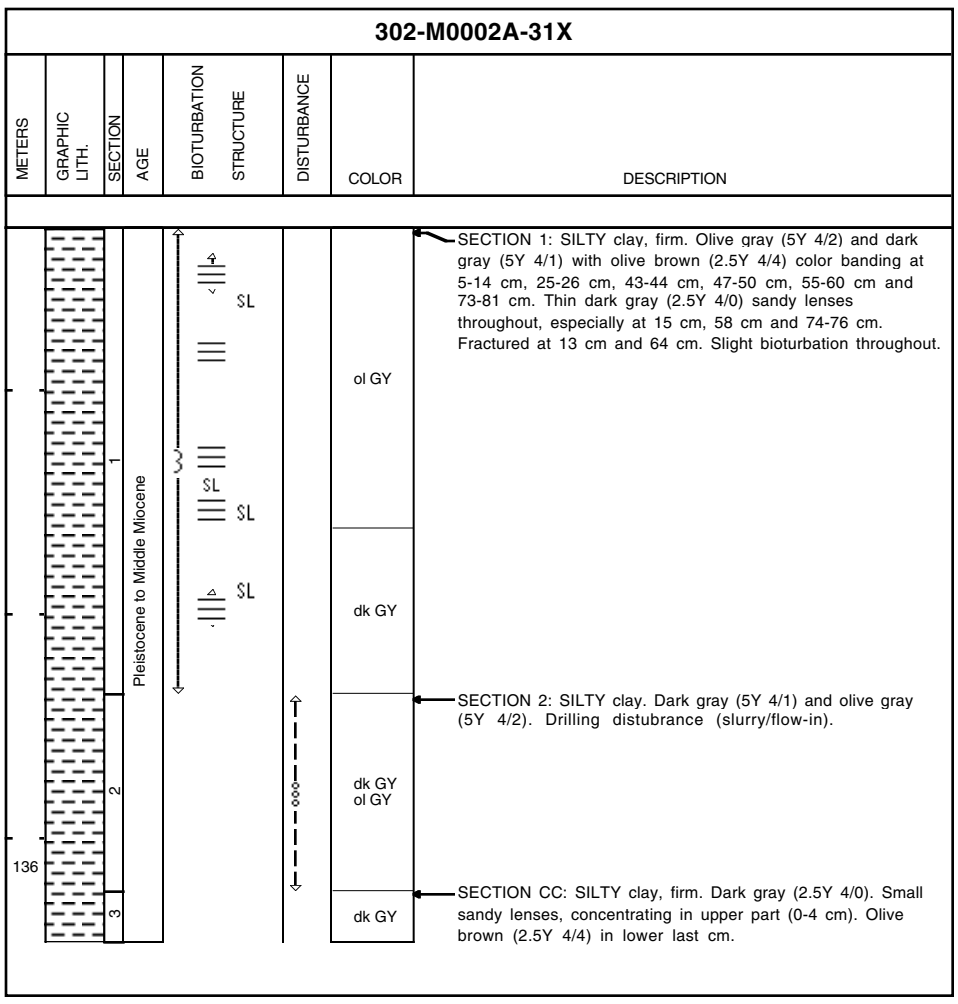
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
134
136
1
2
3
Pleistocene to Middle Miocene
ol GY
ol BR
dk GY
ol GY
SECTION 1: SILTY clay. Dark gray (5Y 4/1 and 2.5Y 4/0) and olive gray (5Y 4/2), firm. Slightly to moderately bioturbated. Olive brown (2.5Y 4/4) color banding at 10-27 cm, 53-59 cm, 75-80 cm, 119-127 cm and 142-147 cm. Sandy lenses (mm-scale) throughout, concentrating between 124 cm and 136 cm. Large burrows (black filling) 51-52 cm, 60-61 cm and 64-65 cm.
SECTION 2: SILTY clay, firm. Olive gray (5Y 4/2) with thin olive brown (2.5Y 4/4) color bands at 0-7 cm, 49-51 cm, 60-62 cm, 4-78 cm and 108-110cm. Thin mm-scale dark gray (5Y 4/1) sandy lenses throughout. Slightly bioturbated throughout.
SECTION 3: SILTY clay, firm. Olive gray (5Y 4/2) with thin olive brown (2.5Y 4/4) banding at 17-25 cm, 32-33 cm and 67-74 cm. Dark gray (5Y 4/1) thin mm-scale sandy lenses throughout. Slightly bioturbated throughout.

Core Photo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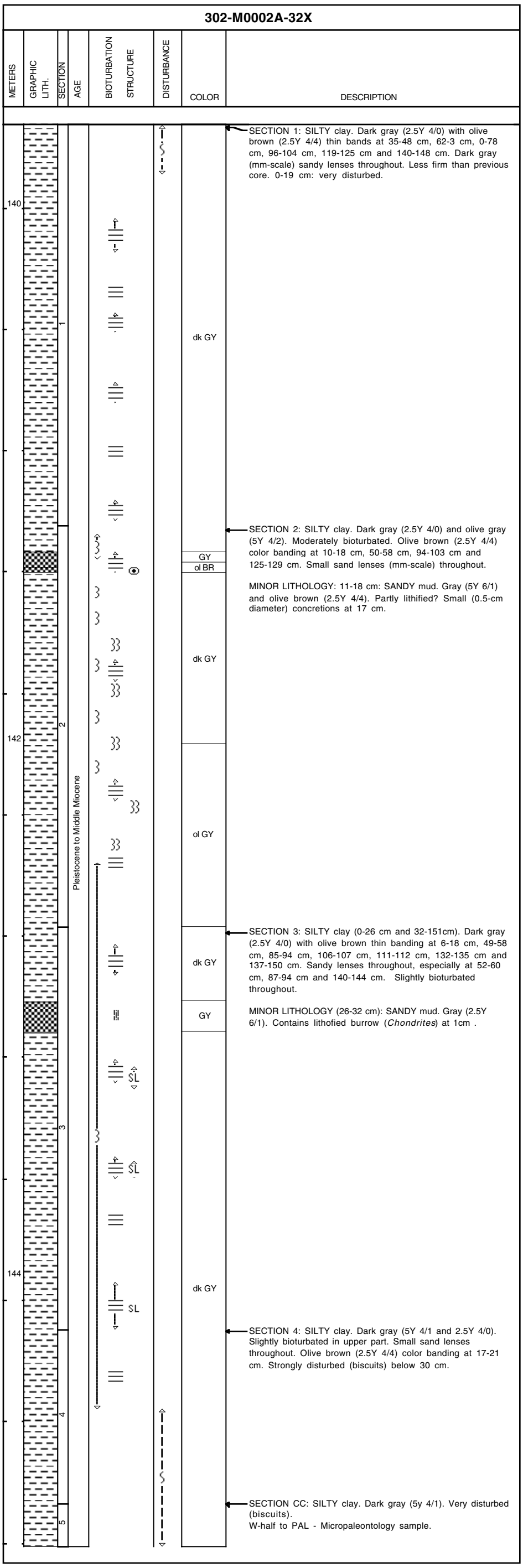
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
136
1
2
3
Pleistocene to Middle Miocene
SL
SL
SL
SL
ol GY
dk GY
dk GY
ol GY
dk GY
SECTION 1: SILTY clay, firm. Olive gray (5Y 4/2) and dark gray (5Y 4/1) with olive brown (2.5Y 4/4) color banding at 5-14 cm, 25-26 cm, 43-44 cm, 47-50 cm, 55-60 cm and 73-81 cm. Thin dark gray (2.5Y 4/0) sandy lenses throughout, especially at 15 cm, 58 cm and 74-76 cm. Fractured at 13 cm and 64 cm. Slight bioturbation throughout.
SECTION 2: SILTY clay. Dark gray (5Y 4/1) and olive gray (5Y 4/2). Drilling distubrance (slurry/flow-in).
SECTION CC: SILTY clay, firm. Dark gray (2.5Y 4/0). Small sandy lenses, concentrating in upper part (0-4 cm). Olive brown (2.5Y 4/4) in lower last cm.

Core Photo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SECTION
AGE
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STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
140
142
144
1
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3
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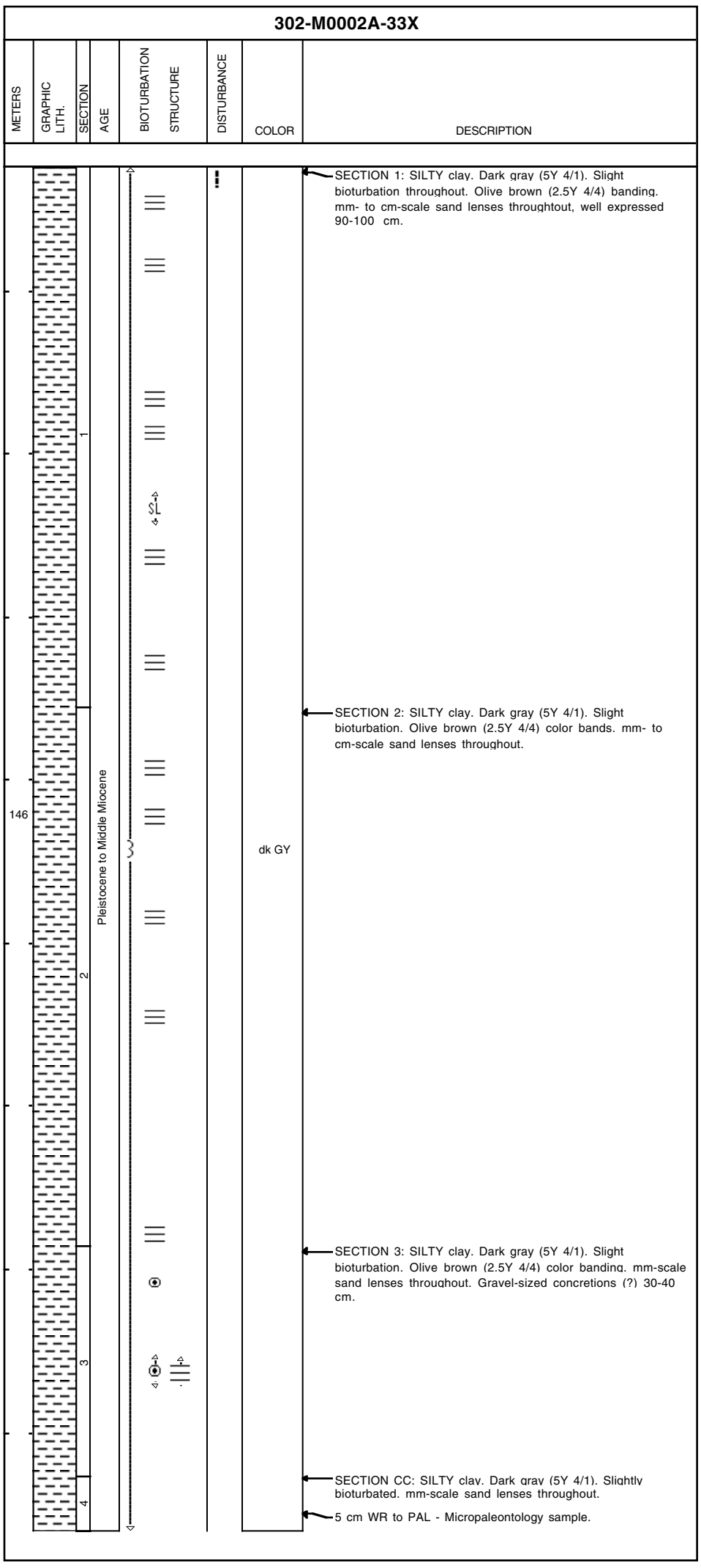
5
Pleistocene to Middle Miocene
SL
dk GY
GY
ol BR
ol GY
SECTION 1: SILTY clay. Dark gray (2.5Y 4/0) with olive brown (2.5Y 4/4) thin bands at 35-48 cm, 62-3 cm, 0-78 cm, 96-104 cm, 119-125 cm and 140-148 cm. Dark gray (mm-scale) sandy lenses throughout. Less firm than previous core. 0-19 cm: very disturbed.
SECTION 2: SILTY clay. Dark gray (2.5Y 4/0) and olive gray (5Y 4/2). Moderately bioturbated. Olive brown (2.5Y 4/4) color banding at 10-18 cm, 50-58 cm, 94-103 cm and 125-129 cm. Small sand lenses (mm-scale) throughout.
MINOR LITHOLOGY: 11-18 cm: SANDY mud. Gray (5Y 6/1) and olive brown (2.5Y 4/4). Partly lithified? Small (0.5-cm diameter) concretions at 17 cm.
SECTION 3: SILTY clay (0-26 cm and 32-151cm). Dark gray (2.5Y 4/0) with olive brown thin banding at 6-18 cm, 49-58 cm, 85-94 cm, 106-107 cm, 111-112 cm, 132-135 cm and 137-150 cm. Sandy lenses throughout, especially at 52-60 cm, 87-94 cm and 140-144 cm. Slightly bioturbated throughout.
MINOR LITHOLOGY (26-32 cm): SANDY mud. Gray (2.5Y 6/1). Contains lithofied burrow (Chondrites) at 1cm .
SECTION 4: SILTY clay. Dark gray (5Y 4/1 and 2.5Y 4/0). Slightly bioturbated in upper part. Small sand lenses throughout. Olive brown (2.5Y 4/4) color banding at 17-21 cm. Strongly disturbed (biscuits) below 30 cm.
SECTION CC: SILTY clay. Dark gray (5y 4/1). Very disturbed (biscuits).
W-half to PAL - Micropaleontology sample.

Core Photo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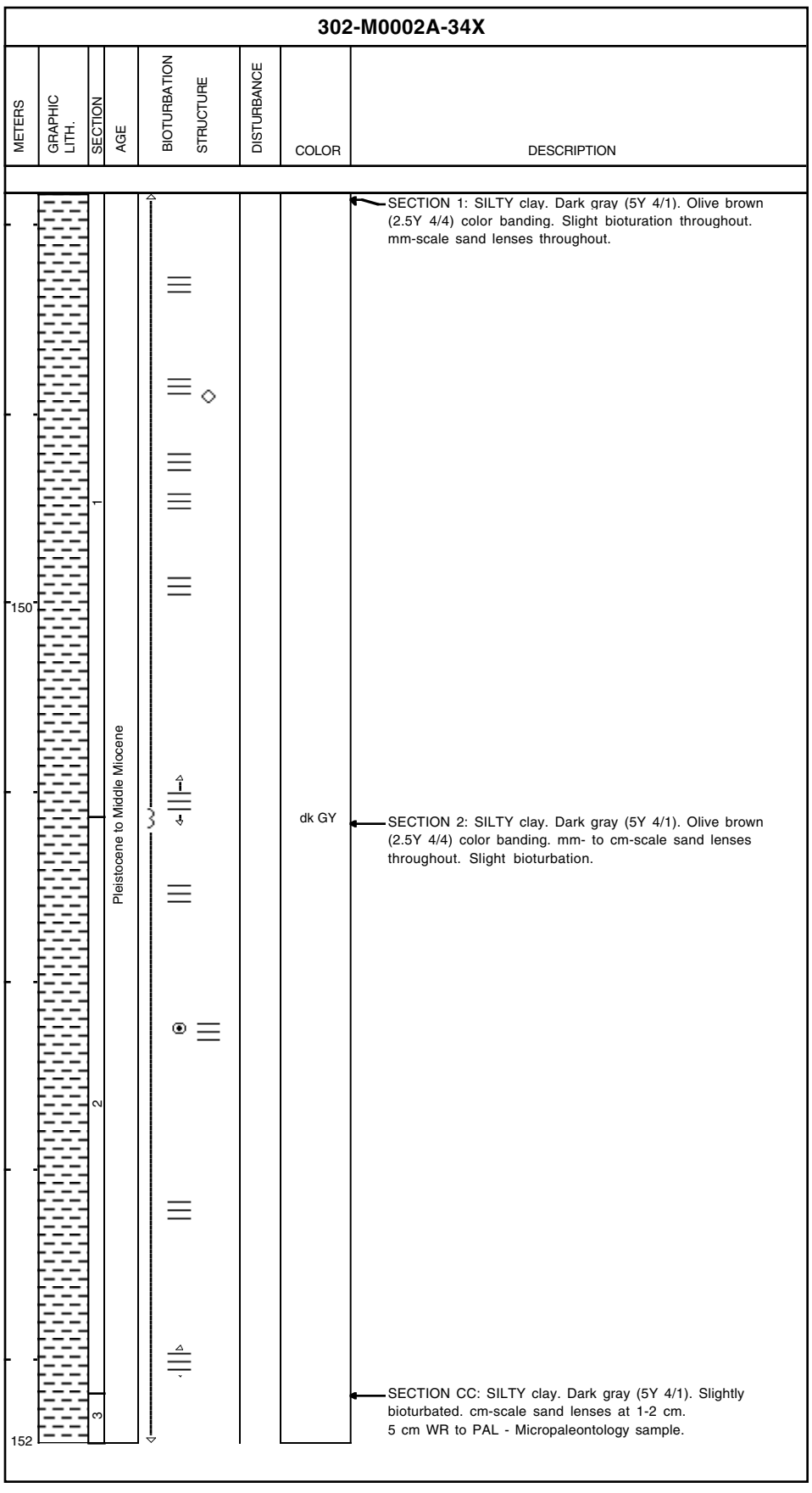
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
146
Pleistocene to Middle Miocene
1
2
3
4
SL
dk GY
SECTION 1: SILTY clay. Dark gray (5Y 4/1). Slight bioturbation throughout. Olive brown (2.5Y 4/4) banding. mm- to cm-scale sand lenses throughtout, well expressed 90-100 cm.
SECTION 2: SILTY clay. Dark gray (5Y 4/1). Slight bioturbation. Olive brown (2.5Y 4/4) color bands. mm- to cm-scale sand lenses throughout.
SECTION 3: SILTY clay. Dark gray (5Y 4/1). Slight bioturbation. Olive brown (2.5Y 4/4) color banding. mm-scale sand lenses throughout. Gravel-sized concretions (?) 30-40 cm.
SECTION CC: SILTY clay. Dark gray (5Y 4/1). Slightly bioturbated. mm-scale sand lenses throughout.
5 cm WR to PAL - Micropaleontology sample.

Core Photo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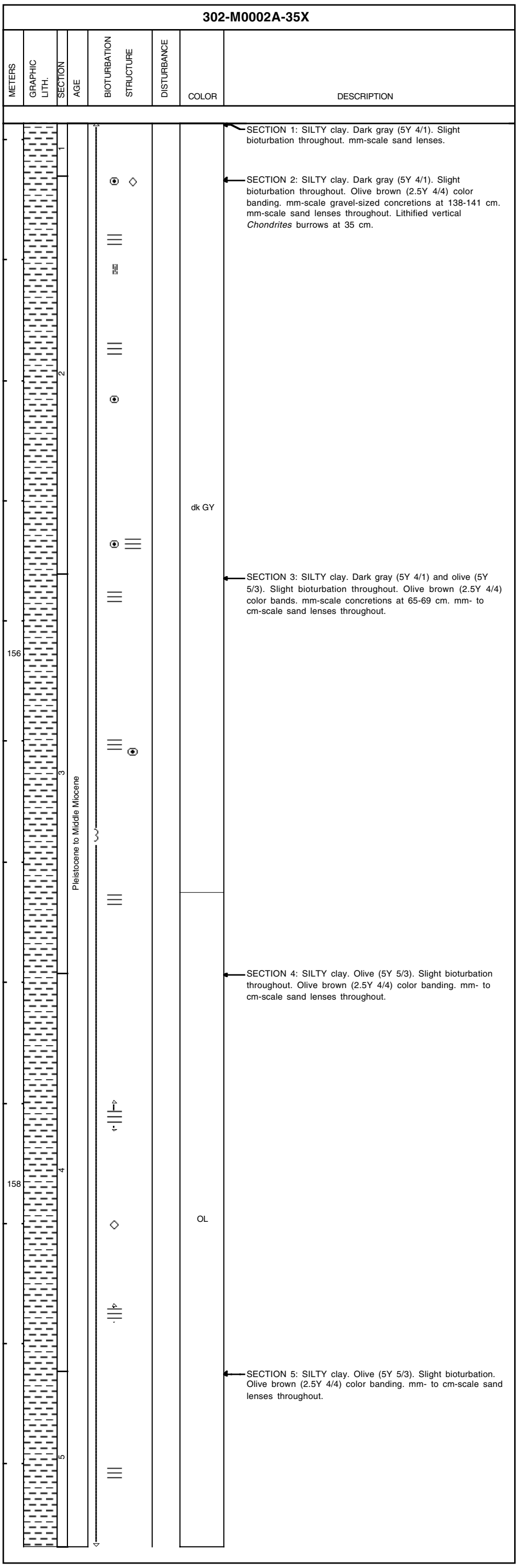
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
150
152
1
2
3
Pleistocene to Middle Miocene
SECTION 1: SILTY clay. Dark gray (5Y 4/1). Olive brown (2.5Y 4/4) color banding. Slight bioturation throughout. mm-scale sand lenses throughout.
dk GY
SECTION 2: SILTY clay. Dark gray (5Y 4/1). Olive brown (2.5Y 4/4) color banding. mm- to cm-scale sand lenses throughout. Slight bioturbation.
SECTION CC: SILTY clay. Dark gray (5Y 4/1). Slightly bioturbated. cm-scale sand lenses at 1-2 cm.
5 cm WR to PAL - Micropaleontology sample.

Core Photo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BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
156
158
1
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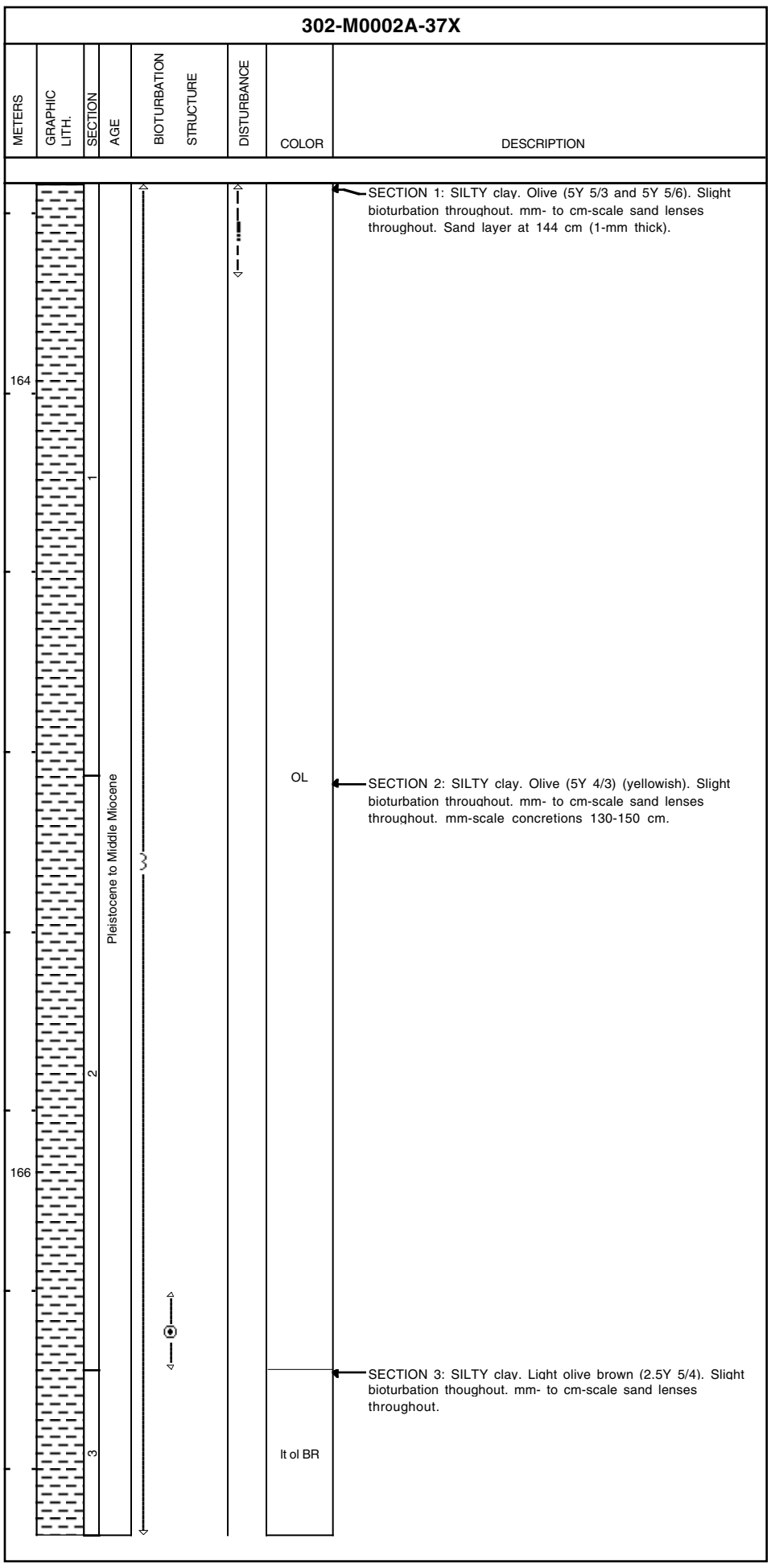
5
Pleistocene to Middle Miocene
dk GY
OL
SECTION 1: SILTY clay. Dark gray (5Y 4/1). Slight bioturbation throughout. mm-scale sand lenses.
SECTION 2: SILTY clay. Dark gray (5Y 4/1). Slight bioturbation throughout. Olive brown (2.5Y 4/4) color banding. mm-scale gravel-sized concretions at 138-141 cm. mm-scale sand lenses throughout. Lithified vertical Chondrites burrows at 35 cm.
SECTION 3: SILTY clay. Dark gray (5Y 4/1) and olive (5Y 5/3). Slight bioturbation throughout. Olive brown (2.5Y 4/4) color bands. mm-scale concretions at 65-69 cm. mm- to cm-scale sand lenses throughout.
SECTION 4: SILTY clay. Olive (5Y 5/3). Slight bioturbation throughout. Olive brown (2.5Y 4/4) color banding. mm- to cm-scale sand lenses throughout.
SECTION 5: SILTY clay. Olive (5Y 5/3). Slight bioturbation. Olive brown (2.5Y 4/4) color banding. mm- to cm-scale sand lenses throughout.

Core Photo

302-M0002A-36X

METERS	GRAPHIC LITH.	SECTION	AGE	BIOTURBATION STRUCTURE	DISTURBANCE	COLOR	DESCRIPTION
		1	Pleistoce...			OL	SECTION CC: SILTY clay. Olive (5Y 5/3). Slight bioturbation. mm- to cm-scale sand lenses thoughout. Bottom 5 cm WR to PAL - Micropaleontology sample.

Core Photo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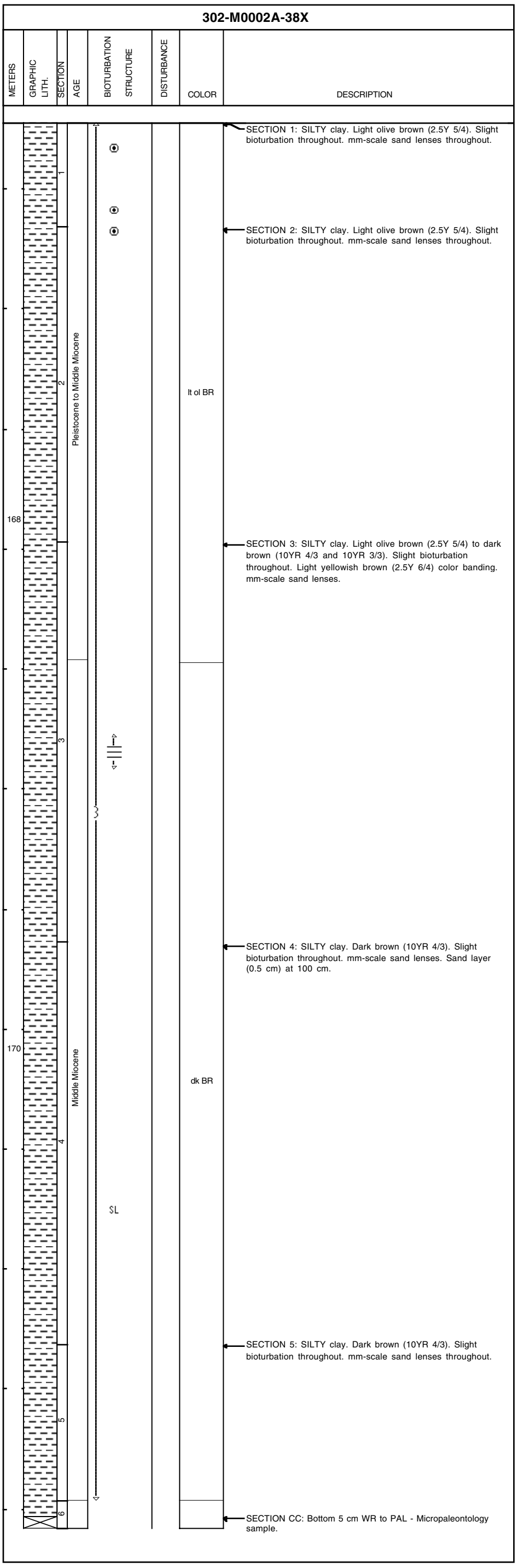
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
164
166
1
2
3
Pleistocene to Middle Miocene
SECTION 1: SILTY clay. Olive (5Y 5/3 and 5Y 5/6). Slight bioturbation throughout. mm- to cm-scale sand lenses throughout. Sand layer at 144 cm (1-mm thick).
OL
SECTION 2: SILTY clay. Olive (5Y 4/3) (yellowish). Slight bioturbation throughout. mm- to cm-scale sand lenses throughout. mm-scale concretions 130-150 cm.
SECTION 3: SILTY clay. Light olive brown (2.5Y 5/4). Slight bioturbation thoughout. mm- to cm-scale sand lenses throughout.
lt ol BR

Core Photo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DISTURBANCE
COLOR
DESCRIPTION
168
170
1
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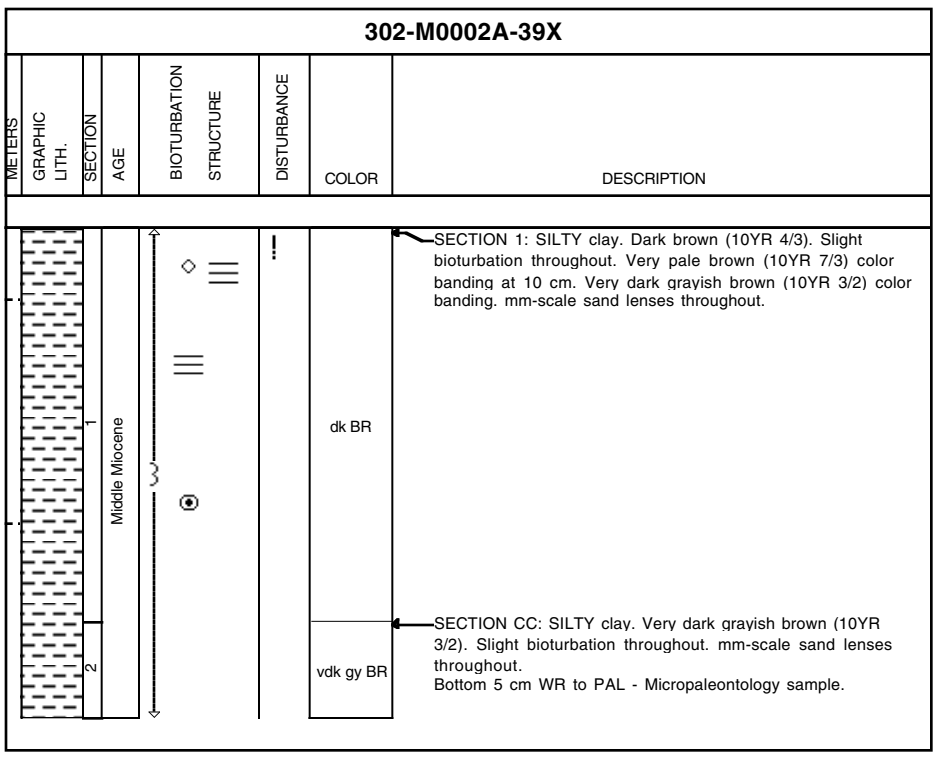
6
Pleistocene to Middle Miocene
Middle Miocene
SL
lt ol BR
dk BR
SECTION 1: SILTY clay. Light olive brown (2.5Y 5/4). Slight bioturbation throughout. mm-scale sand lenses throughout.
SECTION 2: SILTY clay. Light olive brown (2.5Y 5/4). Slight bioturbation throughout. mm-scale sand lenses throughout.
SECTION 3: SILTY clay. Light olive brown (2.5Y 5/4) to dark brown (10YR 4/3 and 10YR 3/3). Slight bioturbation throughout. Light yellowish brown (2.5Y 6/4) color banding. mm-scale sand lenses.
SECTION 4: SILTY clay. Dark brown (10YR 4/3). Slight bioturbation throughout. mm-scale sand lenses. Sand layer (0.5 cm) at 100 cm.
SECTION 5: SILTY clay. Dark brown (10YR 4/3). Slight bioturbation throughout. mm-scale sand lenses throughout.
SECTION CC: Bottom 5 cm WR to PAL - Micropaleontology sample.

Core Photo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METERS
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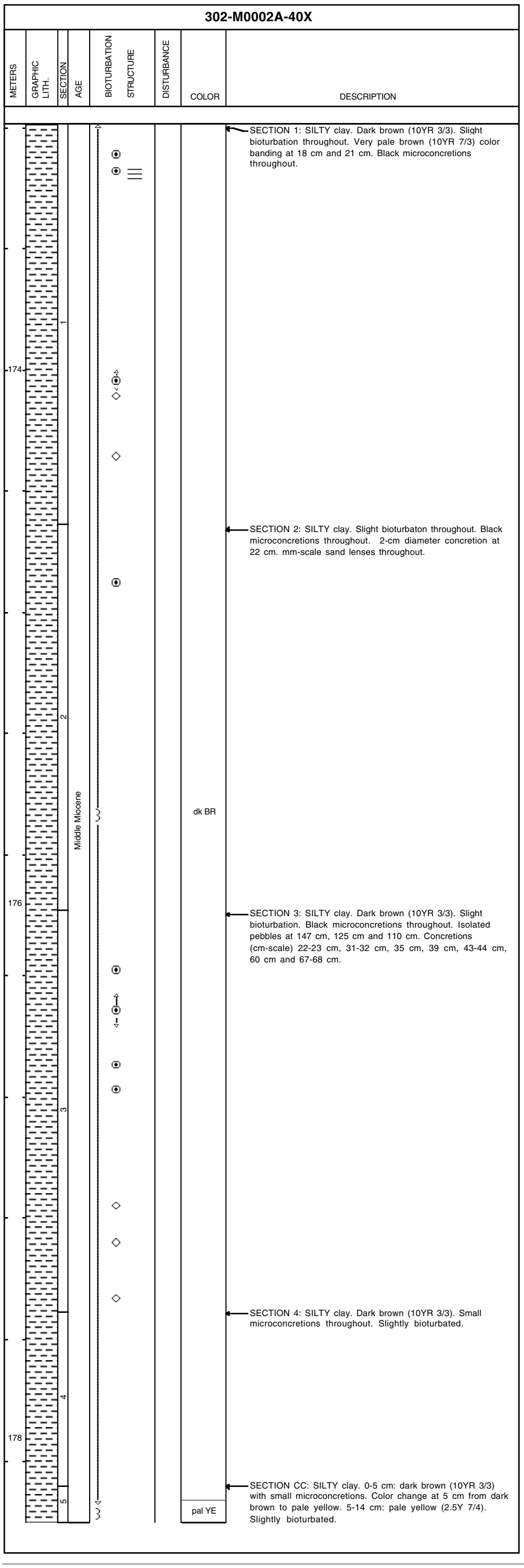
2
Middle Miocene
dk BR
vdk gy BR
SECTION 1: SILTY clay. Dark brown (10YR 4/3). Slight bioturbation throughout. Very pale brown (10YR 7/3) color banding at 10 cm. Very dark grayish brown (10YR 3/2) color banding. mm-scale sand lenses throughout.
SECTION CC: SILTY clay. Very dark grayish brown (10YR 3/2). Slight bioturbation throughout. mm-scale sand lenses throughout.
Bottom 5 cm WR to PAL - Micropaleontology sample.

Core Photo


302-M0002A-40X
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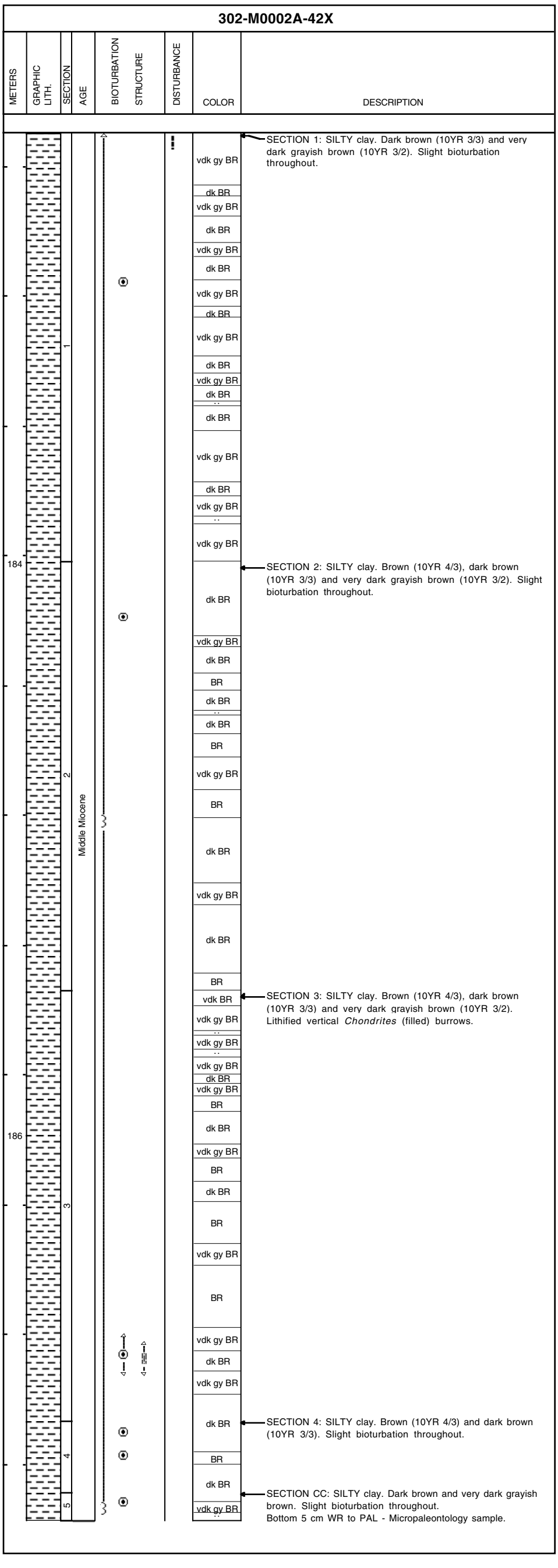
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
174
176
178
1
2
3
4
5
Middle Miocene
dk BR
pal YE
SECTION 1: SILTY clay. Dark brown (10YR 3/3). Slight bioturbation throughout. Very pale brown (10YR 7/3) color banding at 18 cm and 21 cm. Black microconcretions throughout.
SECTION 2: SILTY clay. Slight bioturbaton throughout. Black microconcretions throughout. 2-cm diameter concretion at 22 cm. mm-scale sand lenses throughout.
SECTION 3: SILTY clay. Dark brown (10YR 3/3). Slight bioturbation. Black microconcretions throughout. Isolated pebbles at 147 cm, 125 cm and 110 cm. Concretions (cm-scale) 22-23 cm, 31-32 cm, 35 cm, 39 cm, 43-44 cm, 60 cm and 67-68 cm.
SECTION 4: SILTY clay. Dark brown (10YR 3/3). Small microconcretions throughout. Slightly bioturbated.
SECTION CC: SILTY clay. 0-5 cm: dark brown (10YR 3/3) with small microconcretions. Color change at 5 cm from dark brown to pale yellow. 5-14 cm: pale yellow (2.5Y 7/4). Slightly bioturbated.

Core Photo

302-M0002A-41X

METERS	GRAPHIC LITH.	SECTION	AGE	BIOTURBATION STRUCTURE	DISTURBANCE	COLOR	DESCRIPTION
		1	Middle Miocene			pal YE dk BR	SECTION 1: SILTY clay. Pale yellow (2.5Y 7/4) to dark brown (10YR 3/3) with sharp contrast between. Slight bioturbation.

Core Photo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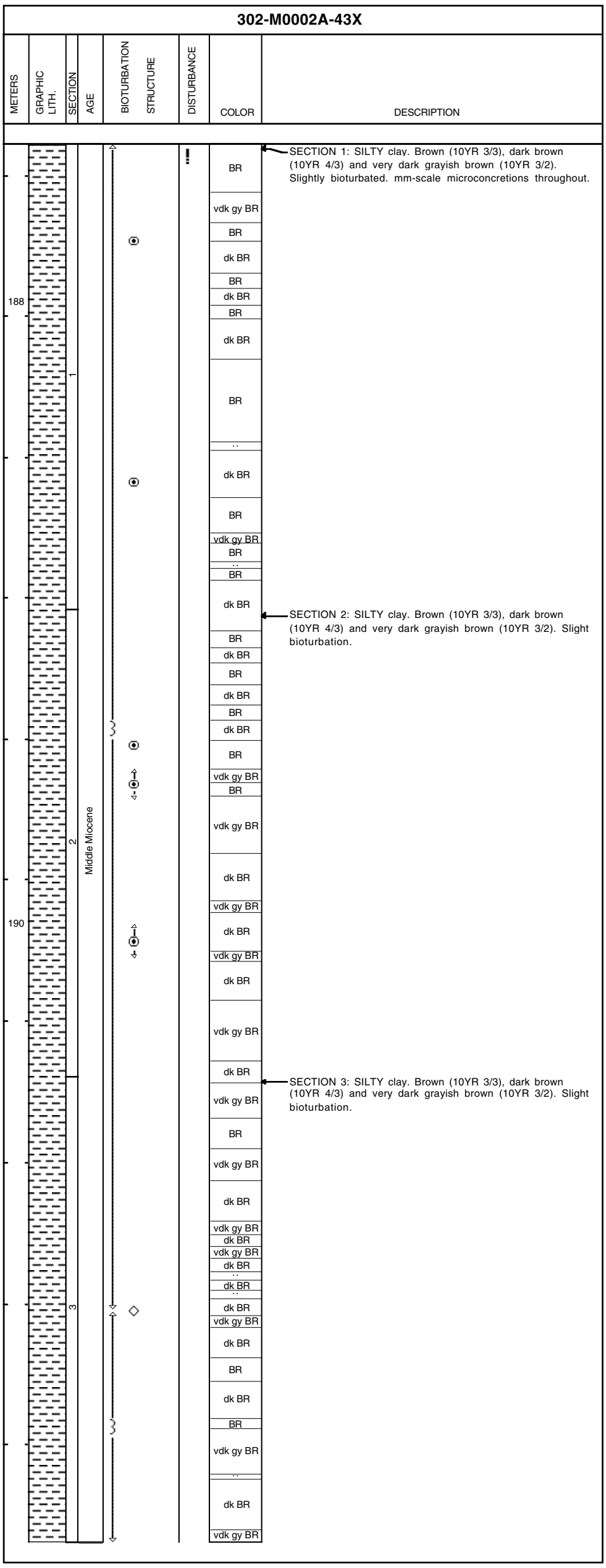
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
184
186
1
2
3
4
5
Middle Miocene
vdk gy BR
dk BR
BR
vdk BR
SECTION 1: SILTY clay. Dark brown (10YR 3/3) and very dark grayish brown (10YR 3/2). Slight bioturbation throughout.
SECTION 2: SILTY clay. Brown (10YR 4/3), dark brown (10YR 3/3) and very dark grayish brown (10YR 3/2). Slight bioturbation throughout.
SECTION 3: SILTY clay. Brown (10YR 4/3), dark brown (10YR 3/3) and very dark grayish brown (10YR 3/2). Lithified vertical *Chondrites* (filled) burrows.
SECTION 4: SILTY clay. Brown (10YR 4/3) and dark brown (10YR 3/3). Slight bioturbation throughout.
SECTION CC: SILTY clay. Dark brown and very dark grayish brown. Slight bioturbation throughout.
Bottom 5 cm WR to PAL - Micropaleontology sample.

Core Photo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METERS
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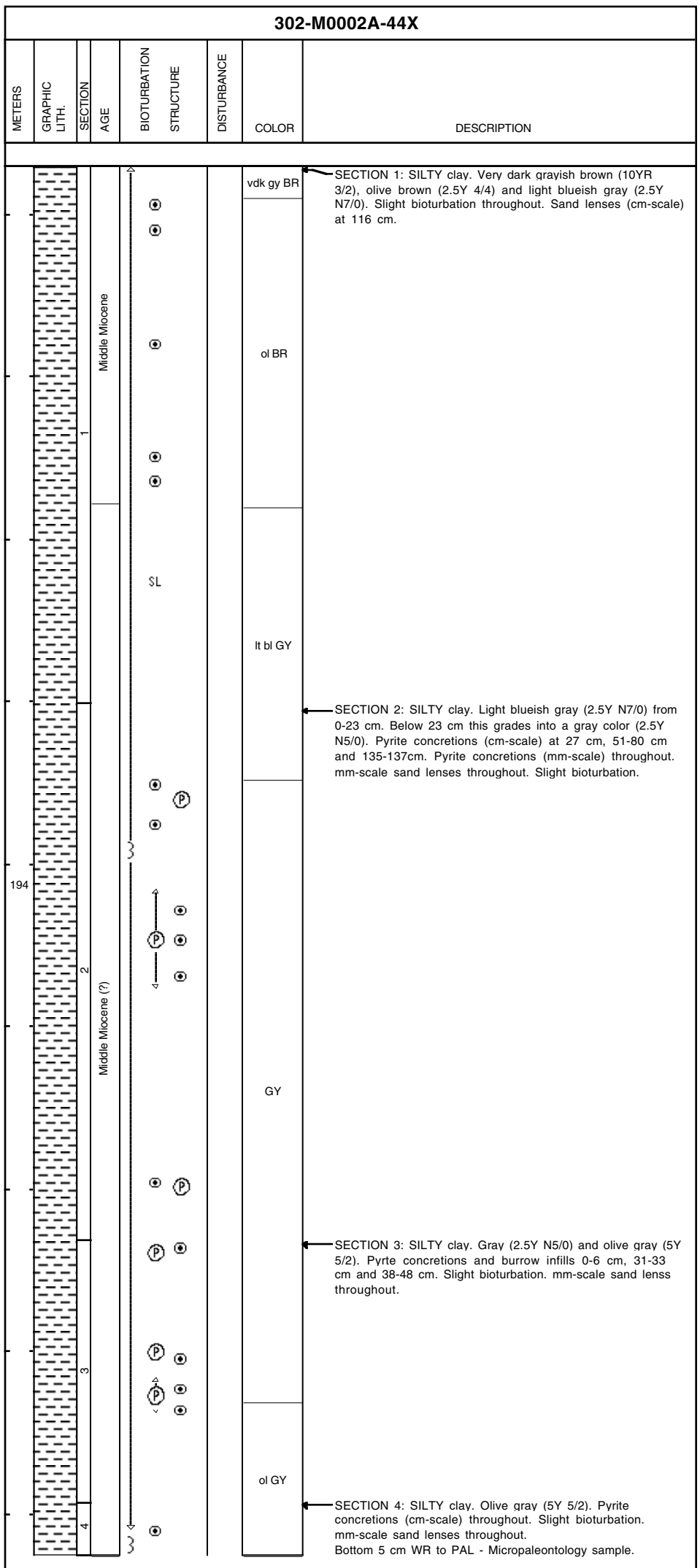
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
188
190
1
2
3
Middle Miocene
BR
vdk gy BR
dk BR
SECTION 1: SILTY clay. Brown (10YR 3/3), dark brown (10YR 4/3) and very dark grayish brown (10YR 3/2). Slightly bioturbated. mm-scale microconcretions throughout.
SECTION 2: SILTY clay. Brown (10YR 3/3), dark brown (10YR 4/3) and very dark grayish brown (10YR 3/2). Slight bioturbation.
SECTION 3: SILTY clay. Brown (10YR 3/3), dark brown (10YR 4/3) and very dark grayish brown (10YR 3/2). Slight bioturbation.

Core Photo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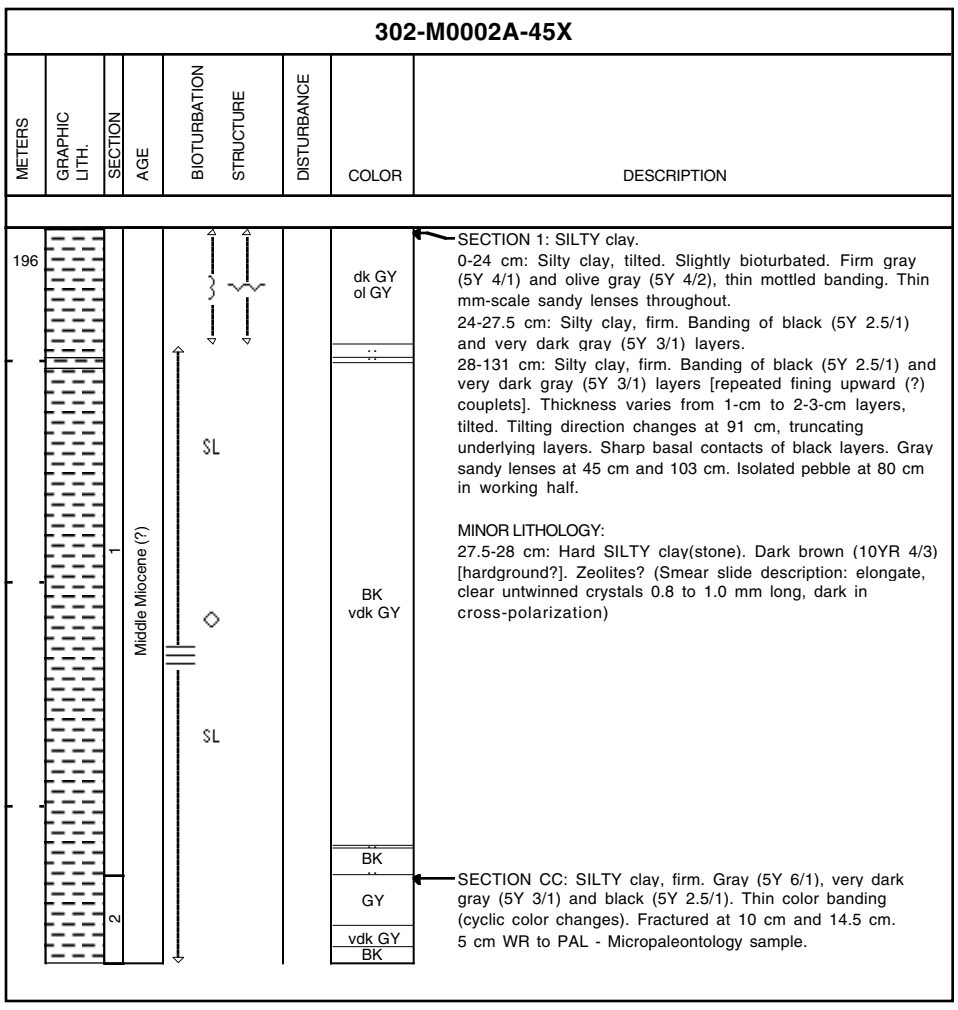
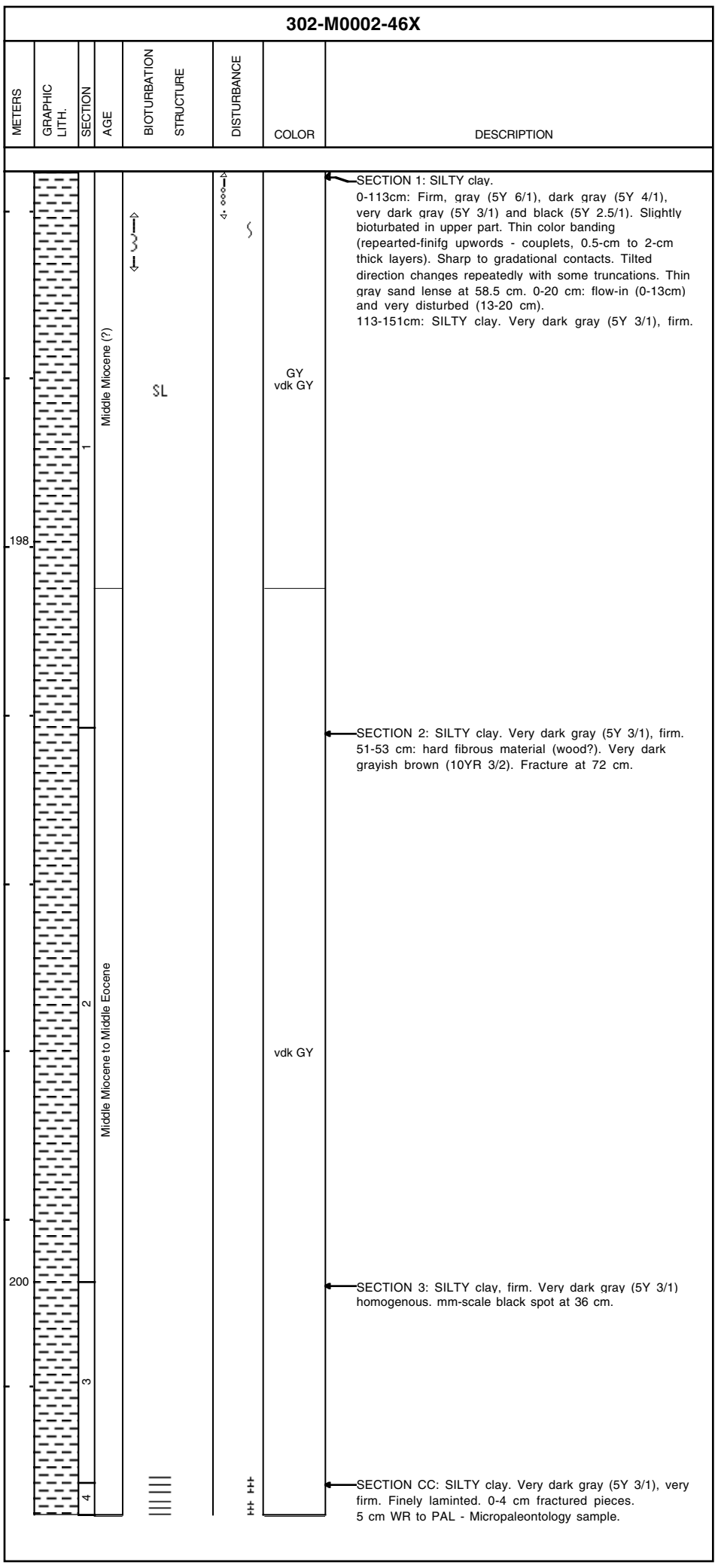
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
194
1
2
3
4
Middle Miocene
Middle Miocene (?)
SL
vdk gy BR
ol BR
lt bl GY
GY
ol GY
SECTION 1: SILTY clay. Very dark grayish brown (10YR 3/2), olive brown (2.5Y 4/4) and light blueish gray (2.5Y N7/0). Slight bioturbation throughout. Sand lenses (cm-scale) at 116 cm.
SECTION 2: SILTY clay. Light blueish gray (2.5Y N7/0) from 0-23 cm. Below 23 cm this grades into a gray color (2.5Y N5/0). Pyrite concretions (cm-scale) at 27 cm, 51-80 cm and 135-137cm. Pyrite concretions (mm-scale) throughout. mm-scale sand lenses throughout. Slight bioturbation.
SECTION 3: SILTY clay. Gray (2.5Y N5/0) and olive gray (5Y 5/2). Pyrte concretions and burrow infills 0-6 cm, 31-33 cm and 38-48 cm. Slight bioturbation. mm-scale sand lenss throughout.
SECTION 4: SILTY clay. Olive gray (5Y 5/2). Pyrite concretions (cm-scale) throughout. Slight bioturbation. mm-scale sand lenses throughout.
Bottom 5 cm WR to PAL - Micropaleontology sample.

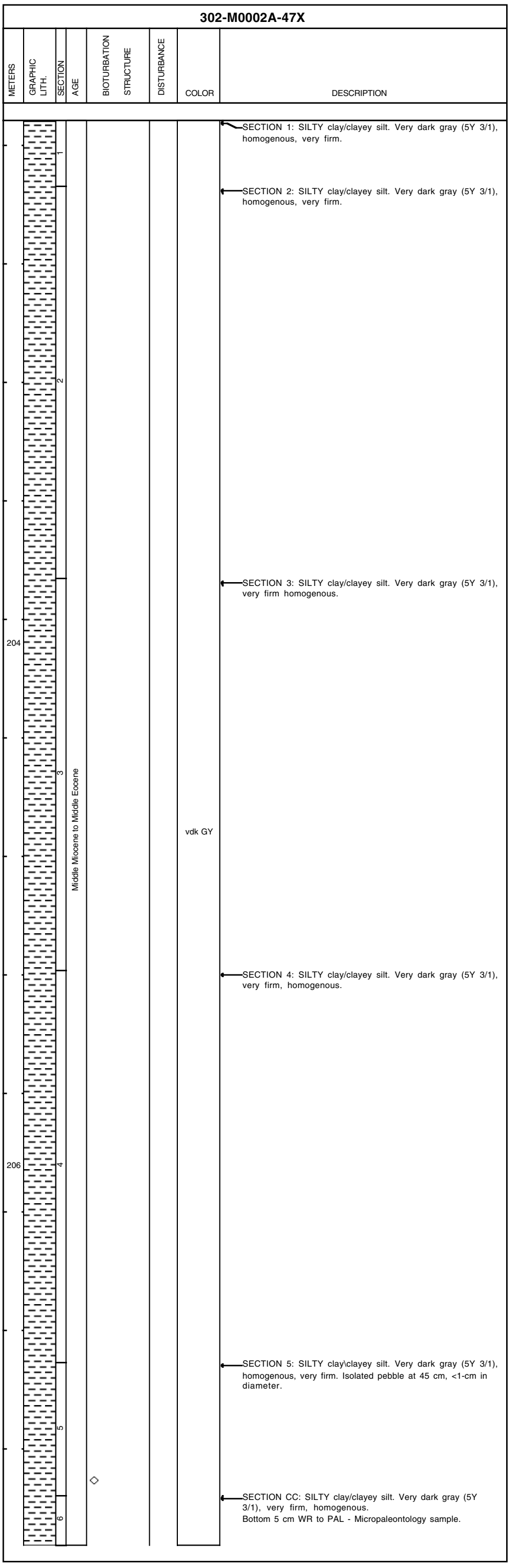
Core Photo


302-M0002A-45X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
196
1
2
Middle Miocene (?)
SL
SL
dk GY
ol GY
BK
vdk GY
BK
GY
vdk GY
BK
SECTION 1: SILTY clay.
0-24 cm: Silty clay, tilted. Slightly bioturbated. Firm gray (5Y 4/1) and olive gray (5Y 4/2), thin mottled banding. Thin mm-scale sandy lenses throughout.
24-27.5 cm: Silty clay, firm. Banding of black (5Y 2.5/1) and very dark gray (5Y 3/1) layers.
28-131 cm: Silty clay, firm. Banding of black (5Y 2.5/1) and very dark gray (5Y 3/1) layers [repeated fining upward (?) couplets]. Thickness varies from 1-cm to 2-3-cm layers, tilted. Tilting direction changes at 91 cm, truncating underlying layers. Sharp basal contacts of black layers. Gray sandy lenses at 45 cm and 103 cm. Isolated pebble at 80 cm in working half.
MINOR LITHOLOGY:
27.5-28 cm: Hard SILTY clay(stone). Dark brown (10YR 4/3) [hardground?]. Zeolites? (Smear slide description: elongate, clear untwinned crystals 0.8 to 1.0 mm long, dark in cross-polarization)
SECTION CC: SILTY clay, firm. Gray (5Y 6/1), very dark gray (5Y 3/1) and black (5Y 2.5/1). Thin color banding (cyclic color changes). Fractured at 10 cm and 14.5 cm.
5 cm WR to PAL - Micropaleontology sample.

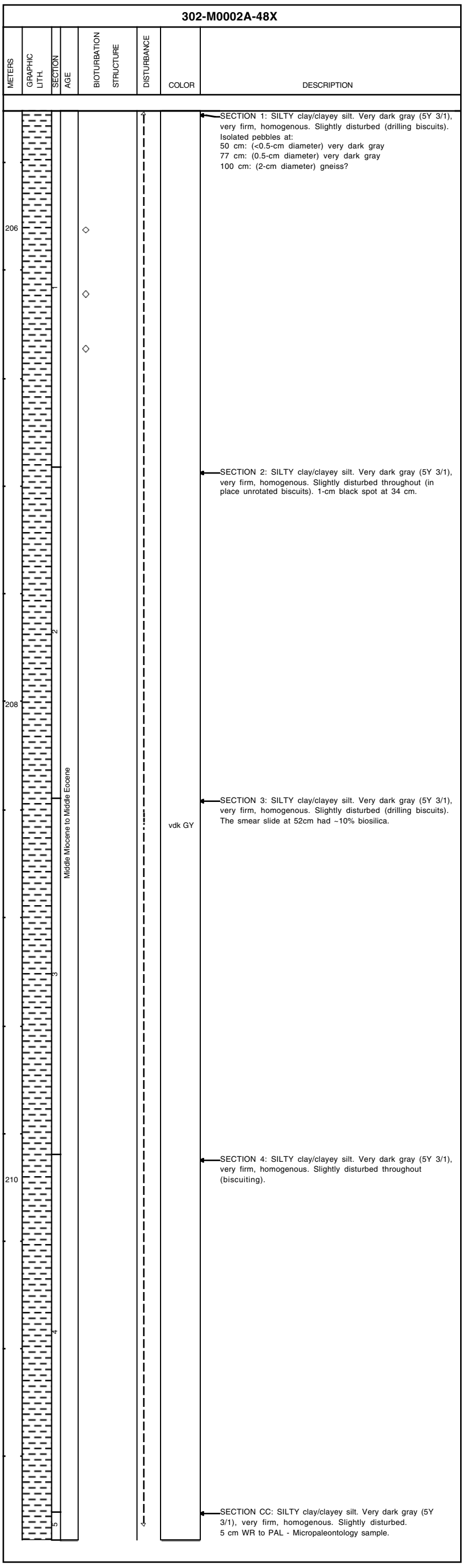
Core Photo


302-M0002-46X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
198
200
1
2
3
4
Middle Miocene (?)
Middle Miocene to Middle Eocene
SL
GY
vdk GY
vdk GY
SECTION 1: SILTY clay.
0-113cm: Firm, gray (5Y 6/1), dark gray (5Y 4/1), very dark gray (5Y 3/1) and black (5Y 2.5/1). Slightly bioturbated in upper part. Thin color banding (repearted-finifg upwords - couplets, 0.5-cm to 2-cm thick layers). Sharp to gradational contacts. Tilted direction changes repeatedly with some truncations. Thin gray sand lense at 58.5 cm. 0-20 cm: flow-in (0-13cm) and very disturbed (13-20 cm).
113-151cm: SILTY clay. Very dark gray (5Y 3/1), firm.
SECTION 2: SILTY clay. Very dark gray (5Y 3/1), firm. 51-53 cm: hard fibrous material (wood?). Very dark grayish brown (10YR 3/2). Fracture at 72 cm.
SECTION 3: SILTY clay, firm. Very dark gray (5Y 3/1) homogenous. mm-scale black spot at 36 cm.
SECTION CC: SILTY clay. Very dark gray (5Y 3/1), very firm. Finely laminted. 0-4 cm fractured pieces.
5 cm WR to PAL - Micropaleontology sample.

Core Photo


302-M0002A-47X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
SECTION 1: SILTY clay/clayey silt. Very dark gray (5Y 3/1), homogenous, very firm.
SECTION 2: SILTY clay/clayey silt. Very dark gray (5Y 3/1), homogenous, very firm.
SECTION 3: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm homogenous.
SECTION 4: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous.
SECTION 5: SILTY clay\clayey silt. Very dark gray (5Y 3/1), homogenous, very firm. Isolated pebble at 45 cm, <1-cm in diameter.
SECTION CC: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous.
Bottom 5 cm WR to PAL - Micropaleontology sample.
204
206
1
2
3
4
5
6
Middle Miocene to Middle Eocene
vdk GY

Core Photo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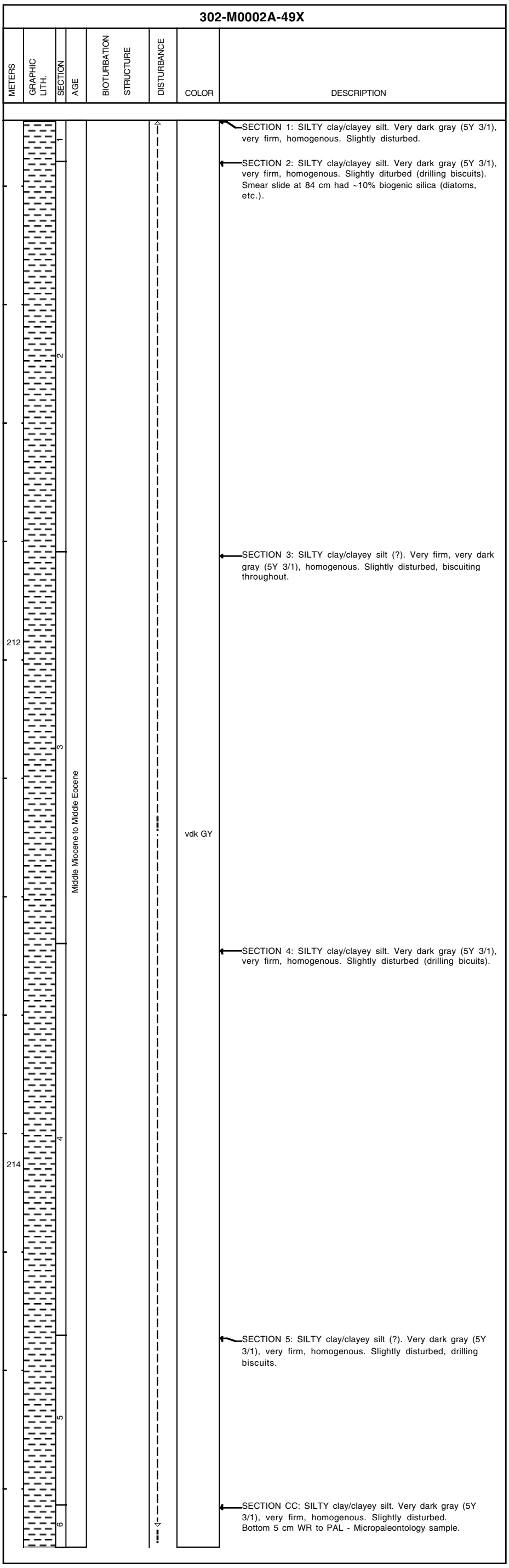
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
206
208
210
1
2
3
4
5
Middle Miocene to Middle Eocene
vdk GY
SECTION 1: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous. Slightly disturbed (drilling biscuits). Isolated pebbles at:
50 cm: (<0.5-cm diameter) very dark gray
77 cm: (0.5-cm diameter) very dark gray
100 cm: (2-cm diameter) gneiss?
SECTION 2: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous. Slightly disturbed throughout (in place unrotated biscuits). 1-cm black spot at 34 cm.
SECTION 3: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous. Slightly disturbed (drilling biscuits). The smear slide at 52cm had ~10% biosilica.
SECTION 4: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous. Slightly disturbed throughout (biscuiting).
SECTION CC: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous. Slightly disturbed.
5 cm WR to PAL - Micropaleontology sample.

Core Photo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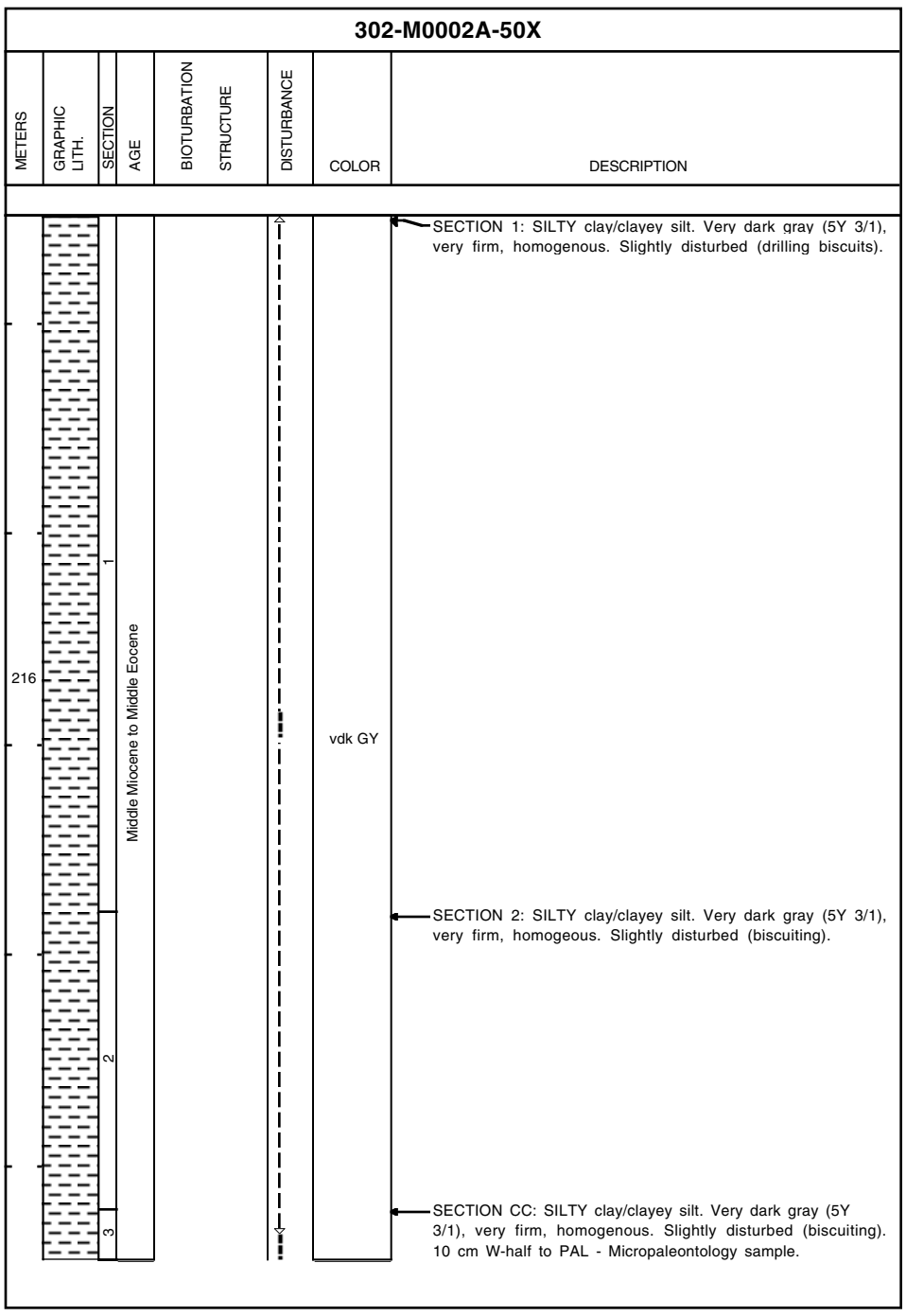
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
1
2
3
4
5
6
212
214
Middle Miocene to Middle Eocene
vdk GY
SECTION 1: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous. Slightly disturbed.
SECTION 2: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous. Slightly diturbed (drilling biscuits). Smear slide at 84 cm had ~10% biogenic silica (diatoms, etc.).
SECTION 3: SILTY clay/clayey silt (?). Very firm, very dark gray (5Y 3/1), homogenous. Slightly disturbed, biscuiting throughout.
SECTION 4: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous. Slightly disturbed (drilling bicuits).
SECTION 5: SILTY clay/clayey silt (?). Very dark gray (5Y 3/1), very firm, homogenous. Slightly disturbed, drilling biscuits.
SECTION CC: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous. Slightly disturbed.
Bottom 5 cm WR to PAL - Micropaleontology sample.

Core Photo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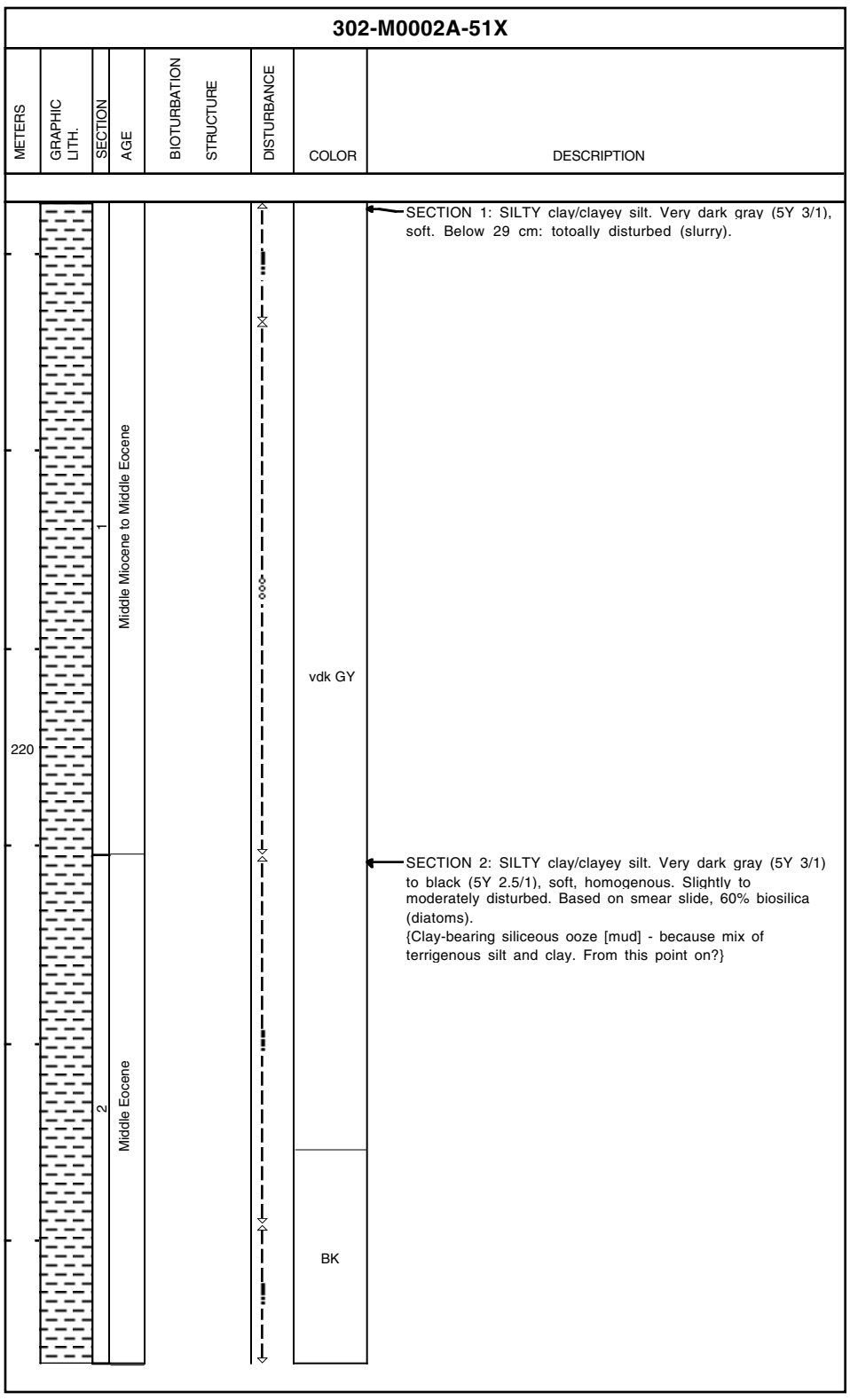
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
216
1
2
3
Middle Miocene to Middle Eocene
vdk GY
SECTION 1: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous. Slightly disturbed (drilling biscuits).
SECTION 2: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogeous. Slightly disturbed (biscuiting).
SECTION CC: SILTY clay/clayey silt. Very dark gray (5Y 3/1), very firm, homogenous. Slightly disturbed (biscuiting). 10 cm W-half to PAL - Micropaleontology sample.

Core Photo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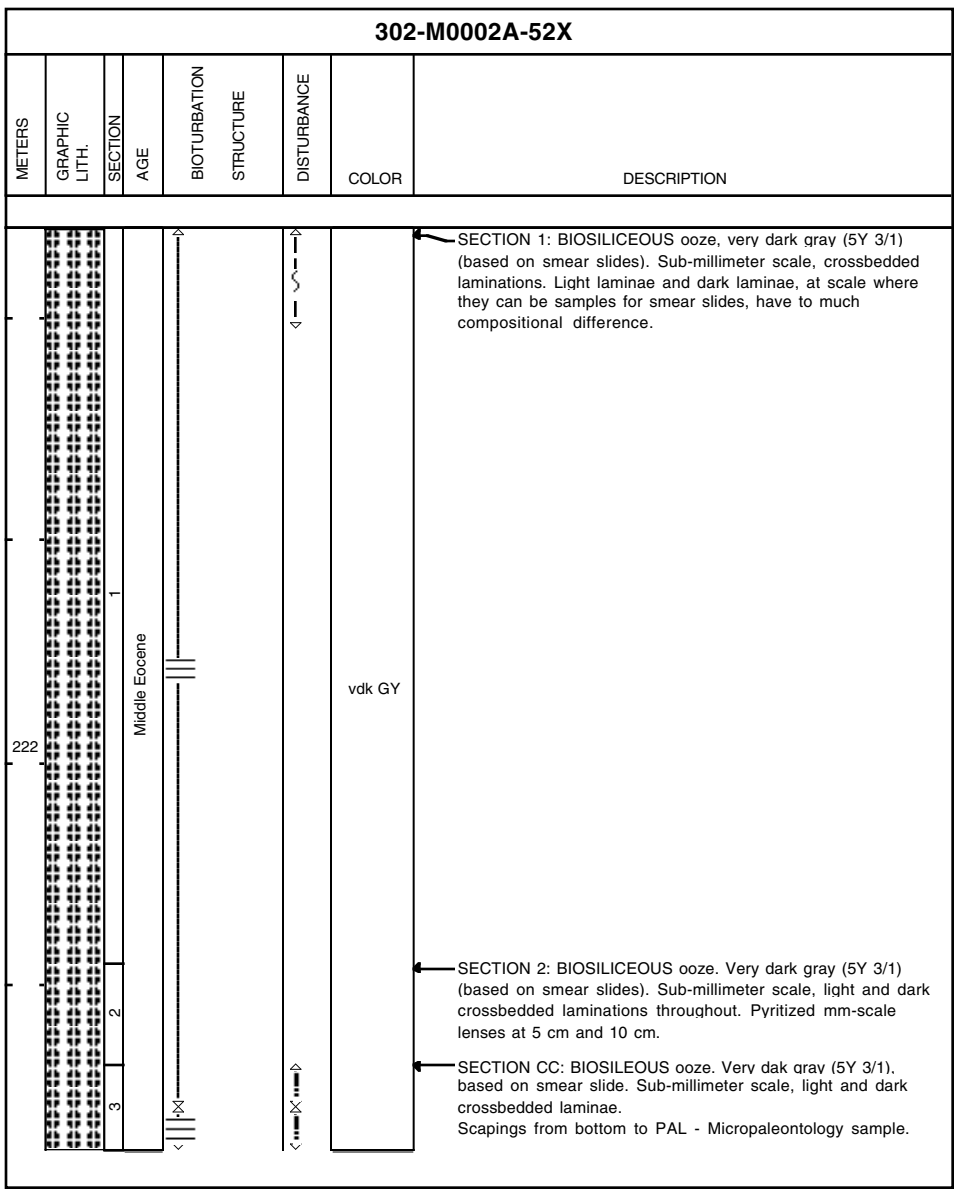
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
220
1
Middle Miocene to Middle Eocene
2
Middle Eocene
SECTION 1: SILTY clay/clayey silt. Very dark gray (5Y 3/1), soft. Below 29 cm: totoally disturbed (slurry).
vdk GY
SECTION 2: SILTY clay/clayey silt. Very dark gray (5Y 3/1) to black (5Y 2.5/1), soft, homogenous. Slightly to moderately disturbed. Based on smear slide, 60% biosilica (diatoms).
{Clay-bearing siliceous ooze [mud] - because mix of terrigenous silt and clay. From this point on?}
BK

Core Photo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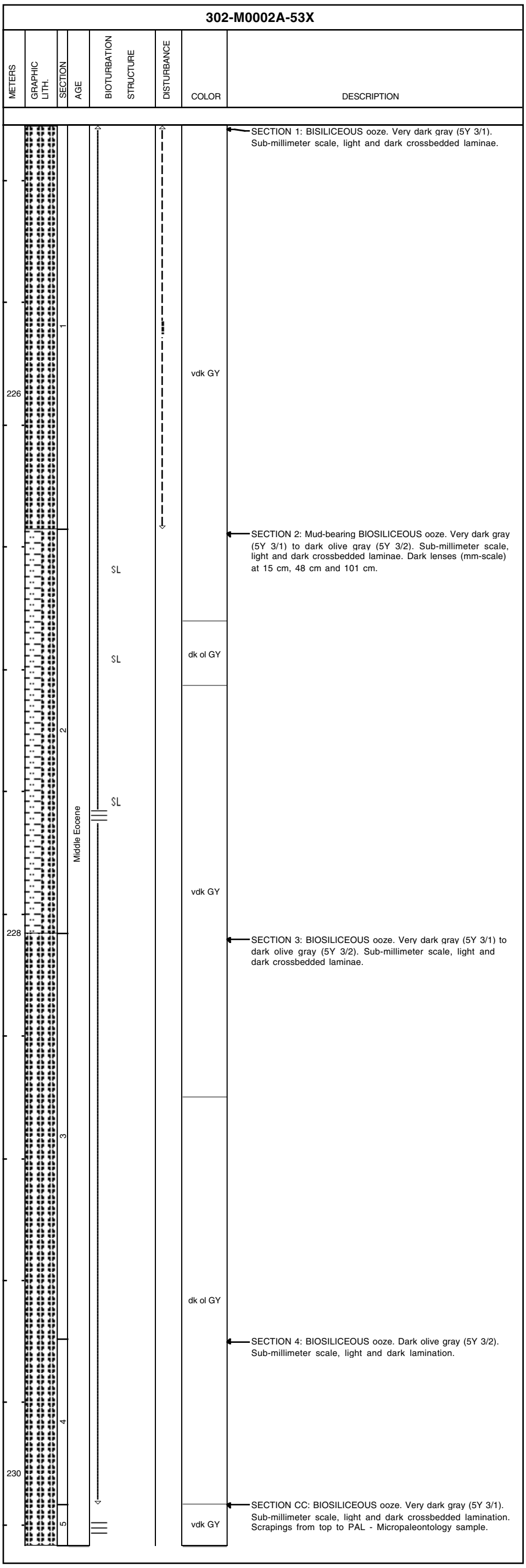
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
222
1
2
3
Middle Eocene
vdk GY
SECTION 1: BIOSILICEOUS ooze, very dark gray (5Y 3/1) (based on smear slides). Sub-millimeter scale, crossbedded laminations. Light laminae and dark laminae, at scale where they can be samples for smear slides, have to much compositional difference.
SECTION 2: BIOSILICEOUS ooze. Very dark gray (5Y 3/1) (based on smear slides). Sub-millimeter scale, light and dark crossbedded laminations throughout. Pyritized mm-scale lenses at 5 cm and 10 cm.
SECTION CC: BIOSILEOUS ooze. Very dak gray (5Y 3/1), based on smear slide. Sub-millimeter scale, light and dark crossbedded laminae.
Scapings from bottom to PAL - Micropaleontology sample.

Core Photo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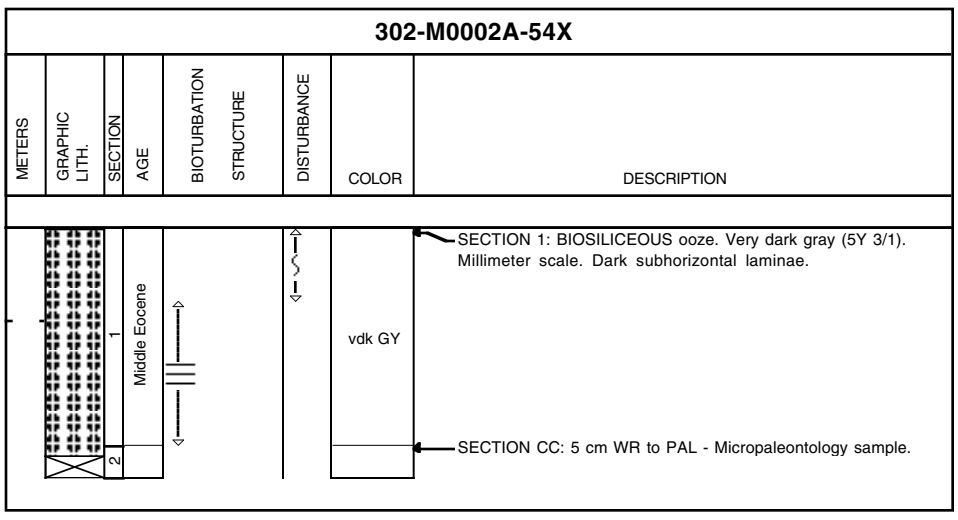
COLOR
DESCRIPTION
226
228
230
1
2
3
4
5
Middle Eocene
SL
SL
SL
vdk GY
dk ol GY
vdk GY
dk ol GY
vdk GY
SECTION 1: BISILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, light and dark crossbedded laminae.
SECTION 2: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1) to dark olive gray (5Y 3/2). Sub-millimeter scale, light and dark crossbedded laminae. Dark lenses (mm-scale) at 15 cm, 48 cm and 101 cm.
SECTION 3: BIOSILICEOUS ooze. Very dark gray (5Y 3/1) to dark olive gray (5Y 3/2). Sub-millimeter scale, light and dark crossbedded laminae.
SECTION 4: BIOSILICEOUS ooze. Dark olive gray (5Y 3/2). Sub-millimeter scale, light and dark lamination.
SECTION CC: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, light and dark crossbedded lamination. Scrapings from top to PAL - Micropaleontology sample.

Core Photo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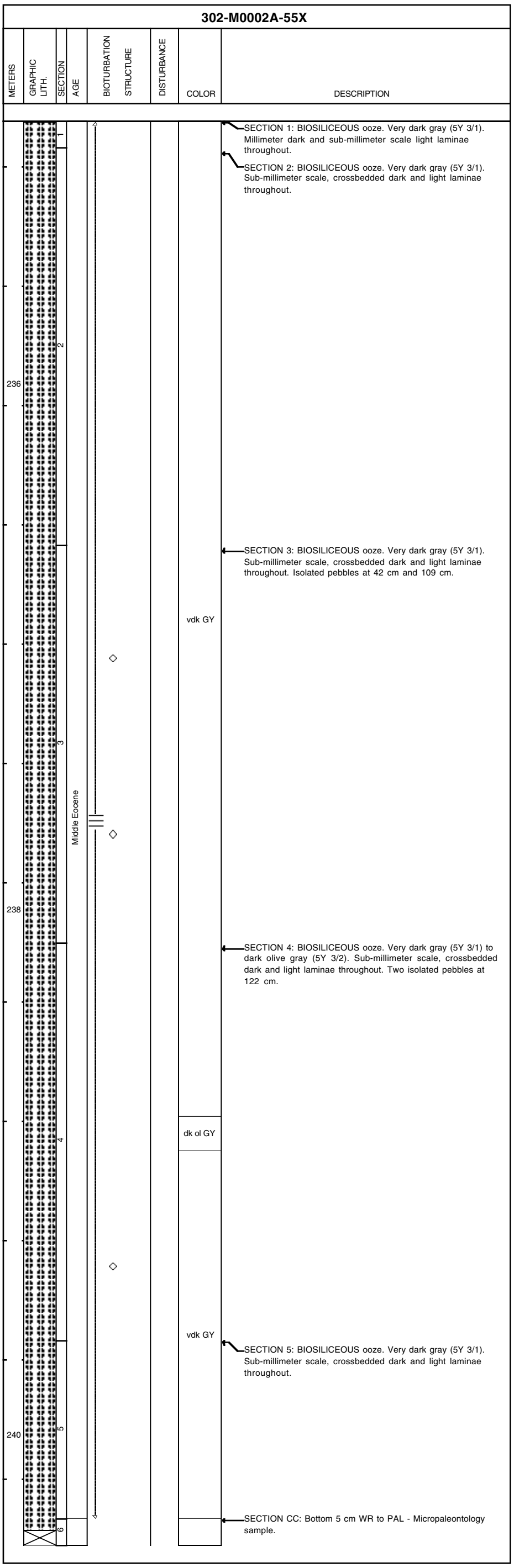
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
1
2
Middle Eocene
vdk GY
SECTION 1: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Millimeter scale. Dark subhorizontal laminae.
SECTION CC: 5 cm WR to PAL - Micropaleontology sample.

Core Photo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GRAPHIC LITH.
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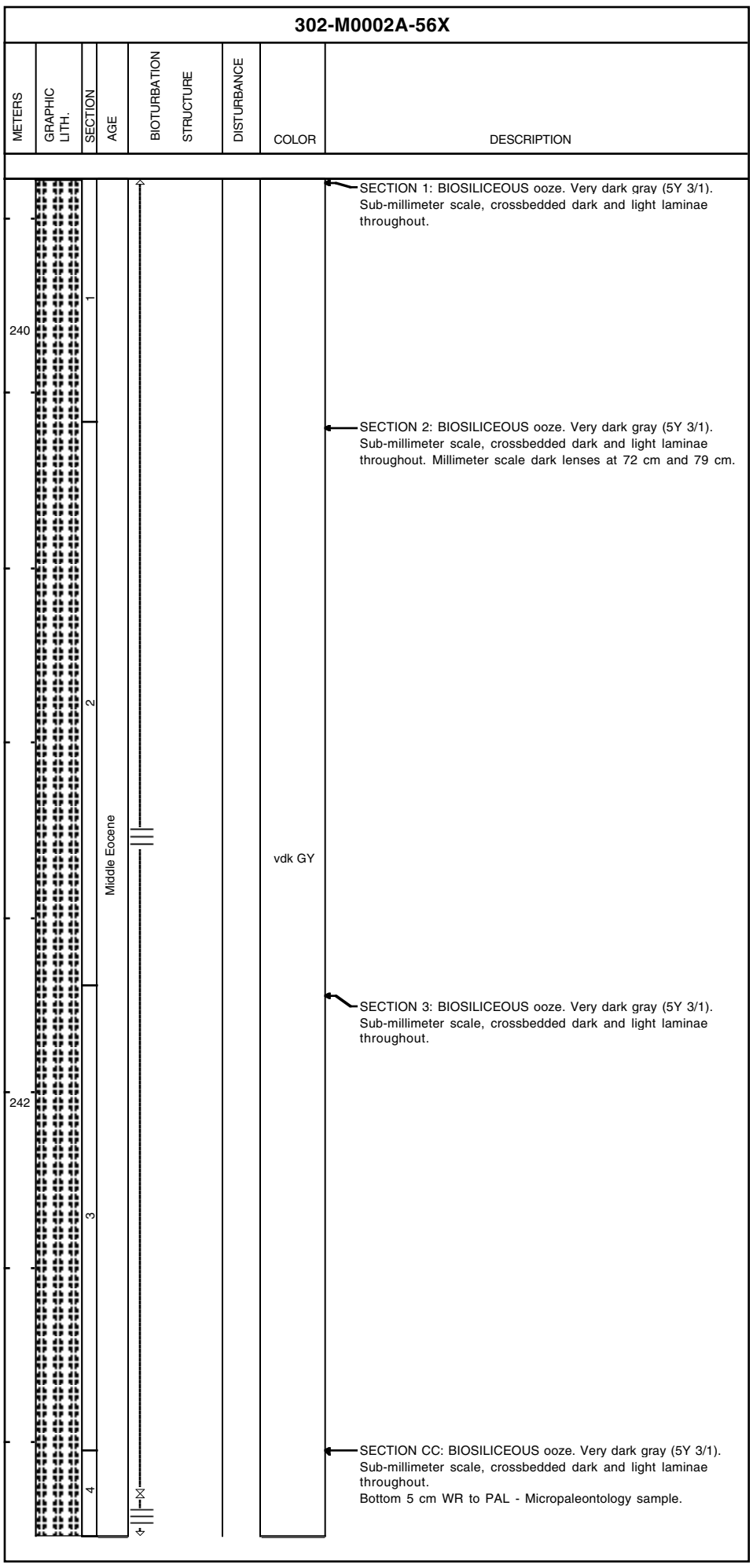
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
236
238
240
Middle Eocene
1
2
3
4
5
6
CC
SECTION 1: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Millimeter dark and sub-millimeter scale light laminae throughout.
SECTION 2: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminae throughout.
SECTION 3: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminae throughout. Isolated pebbles at 42 cm and 109 cm.
vdk GY
SECTION 4: BIOSILICEOUS ooze. Very dark gray (5Y 3/1) to dark olive gray (5Y 3/2). Sub-millimeter scale, crossbedded dark and light laminae throughout. Two isolated pebbles at 122 cm.
dk ol GY
vdk GY
SECTION 5: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminae throughout.
SECTION CC: Bottom 5 cm WR to PAL - Micropaleontology sample.

Core Photo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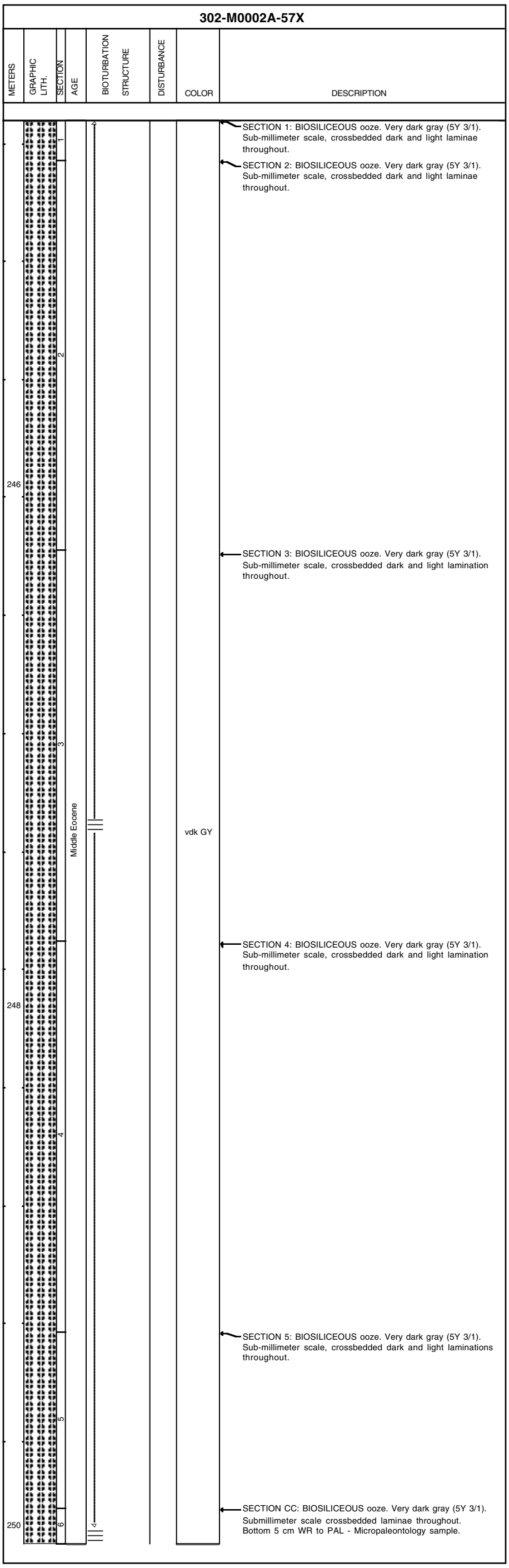
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
240
242
1
2
3
4
Middle Eocene
vdk GY
SECTION 1: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminae throughout.
SECTION 2: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminae throughout. Millimeter scale dark lenses at 72 cm and 79 cm.
SECTION 3: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminae throughout.
SECTION CC: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminae throughout.
Bottom 5 cm WR to PAL - Micropaleontology sample.

Core Photo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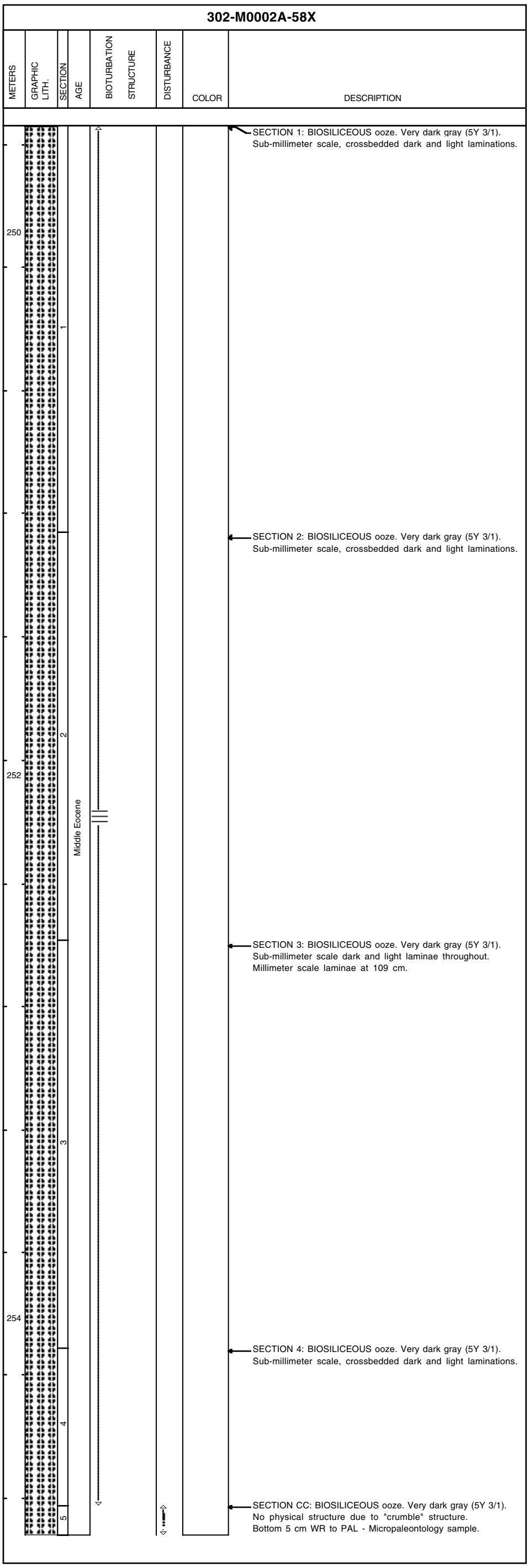
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
246
248
250
Middle Eocene
vdk GY
SECTION 1: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminae throughout.
SECTION 2: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminae throughout.
SECTION 3: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light lamination throughout.
SECTION 4: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light lamination throughout.
SECTION 5: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminations throughout.
SECTION CC: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Submillimeter scale crossbedded laminae throughout. Bottom 5 cm WR to PAL - Micropaleontology sample.

Core Photo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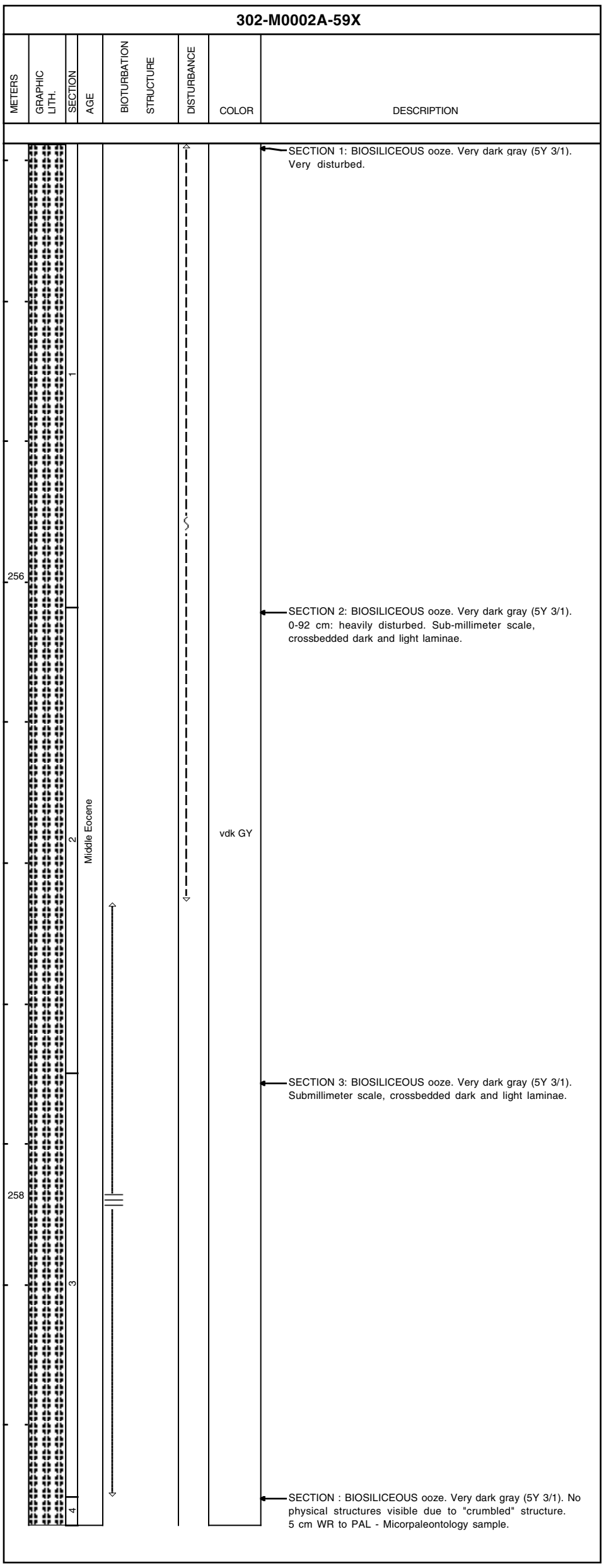
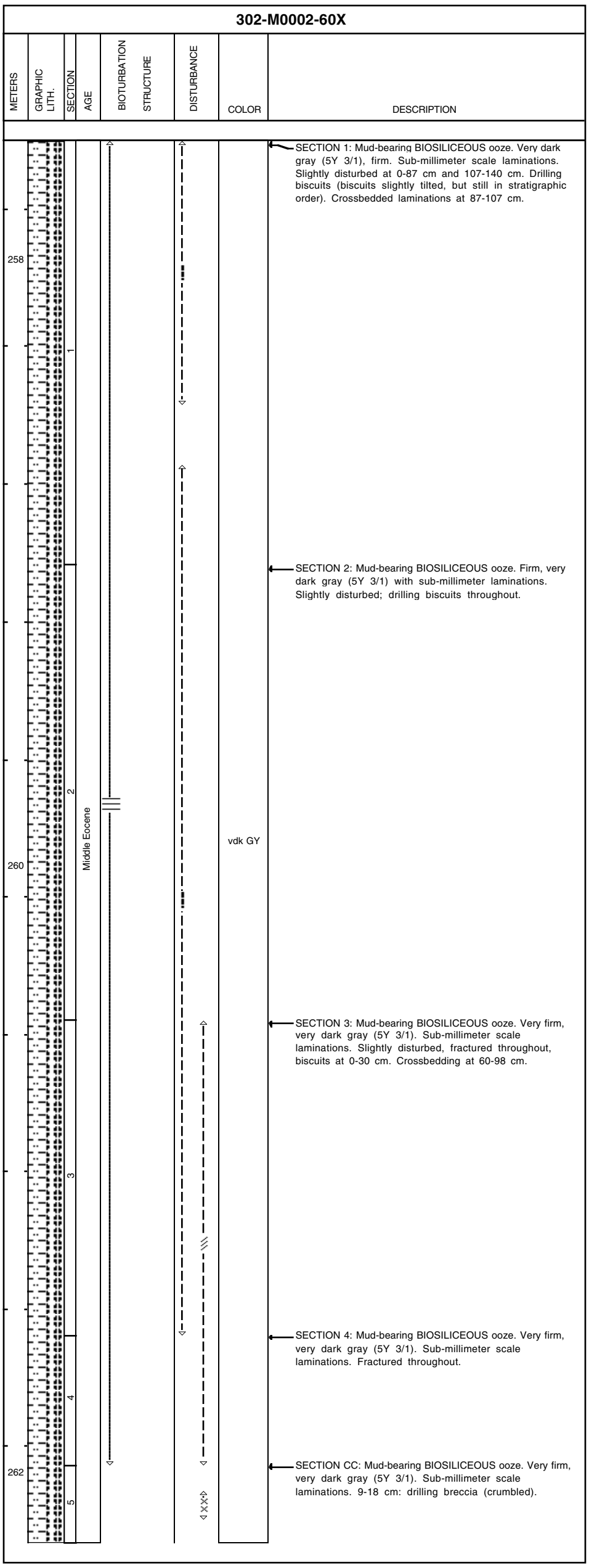
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
250
252
254
1
2
3
4
5
Middle Eocene
SECTION 1: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminations.
SECTION 2: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminations.
SECTION 3: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale dark and light laminae throughout. Millimeter scale laminae at 109 cm.
SECTION 4: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale, crossbedded dark and light laminations.
SECTION CC: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). No physical structure due to "crumble" structure. Bottom 5 cm WR to PAL - Micropaleontology sample.

Core Photo


302-M0002A-59X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
256
258
1
2
3
4
Middle Eocene
vdk GY
SECTION 1: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Very disturbed.
SECTION 2: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). 0-92 cm: heavily disturbed. Sub-millimeter scale, crossbedded dark and light laminae.
SECTION 3: BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Submillimeter scale, crossbedded dark and light laminae.
SECTION : BIOSILICEOUS ooze. Very dark gray (5Y 3/1). No physical structures visible due to "crumbled" structure. 5 cm WR to PAL - Micorpaleontology sample.

Core Photo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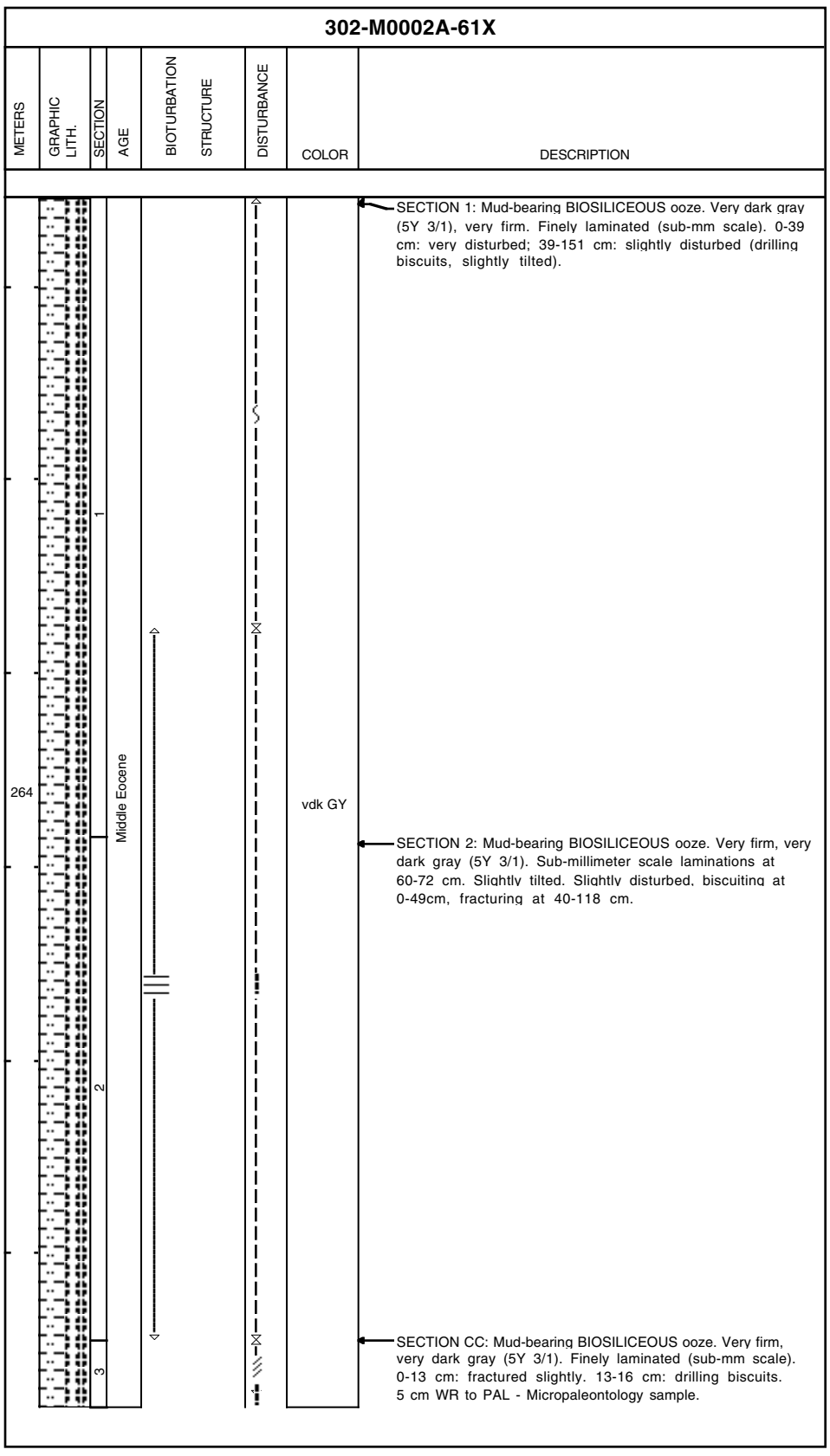
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
258
260
262
1
2
3
4
5
Middle Eocene
vdk GY
SECTION 1: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1), firm. Sub-millimeter scale laminations. Slightly disturbed at 0-87 cm and 107-140 cm. Drilling biscuits (biscuits slightly tilted, but still in stratigraphic order). Crossbedded laminations at 87-107 cm.
SECTION 2: Mud-bearing BIOSILICEOUS ooze. Firm, very dark gray (5Y 3/1) with sub-millimeter laminations. Slightly disturbed; drilling biscuits throughout.
SECTION 3: Mud-bearing BIOSILICEOUS ooze. Very firm, very dark gray (5Y 3/1). Sub-millimeter scale laminations. Slightly disturbed, fractured throughout, biscuits at 0-30 cm. Crossbedding at 60-98 cm.
SECTION 4: Mud-bearing BIOSILICEOUS ooze. Very firm, very dark gray (5Y 3/1). Sub-millimeter scale laminations. Fractured throughout.
SECTION CC: Mud-bearing BIOSILICEOUS ooze. Very firm, very dark gray (5Y 3/1). Sub-millimeter scale laminations. 9-18 cm: drilling breccia (crumbled).

Core Photo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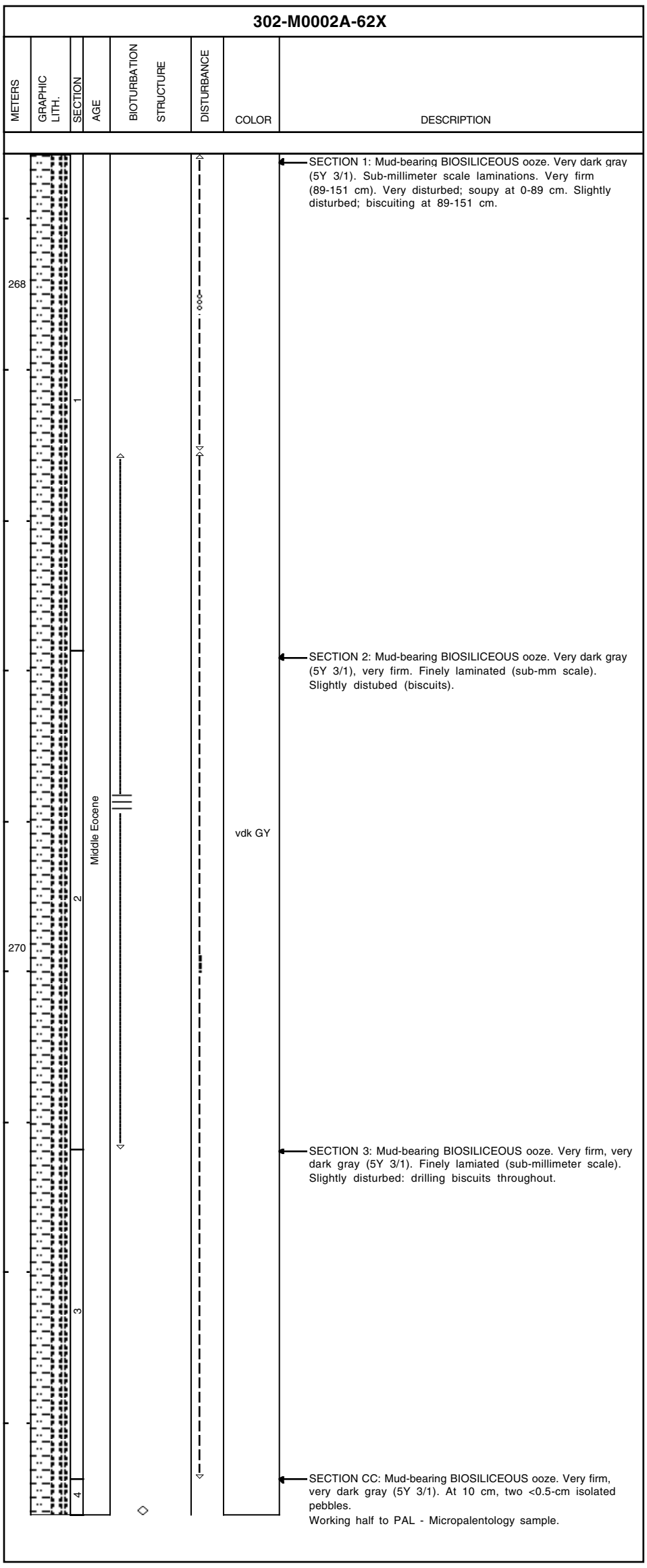
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
264
1
2
3
Middle Eocene
vdk GY
SECTION 1: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1), very firm. Finely laminated (sub-mm scale). 0-39 cm: very disturbed; 39-151 cm: slightly disturbed (drilling biscuits, slightly tilted).
SECTION 2: Mud-bearing BIOSILICEOUS ooze. Very firm, very dark gray (5Y 3/1). Sub-millimeter scale laminations at 60-72 cm. Slightly tilted. Slightly disturbed, biscuiting at 0-49cm, fracturing at 40-118 cm.
SECTION CC: Mud-bearing BIOSILICEOUS ooze. Very firm, very dark gray (5Y 3/1). Finely laminated (sub-mm scale). 0-13 cm: fractured slightly. 13-16 cm: drilling biscuits. 5 cm WR to PAL - Micropaleontology sample.

Core Photo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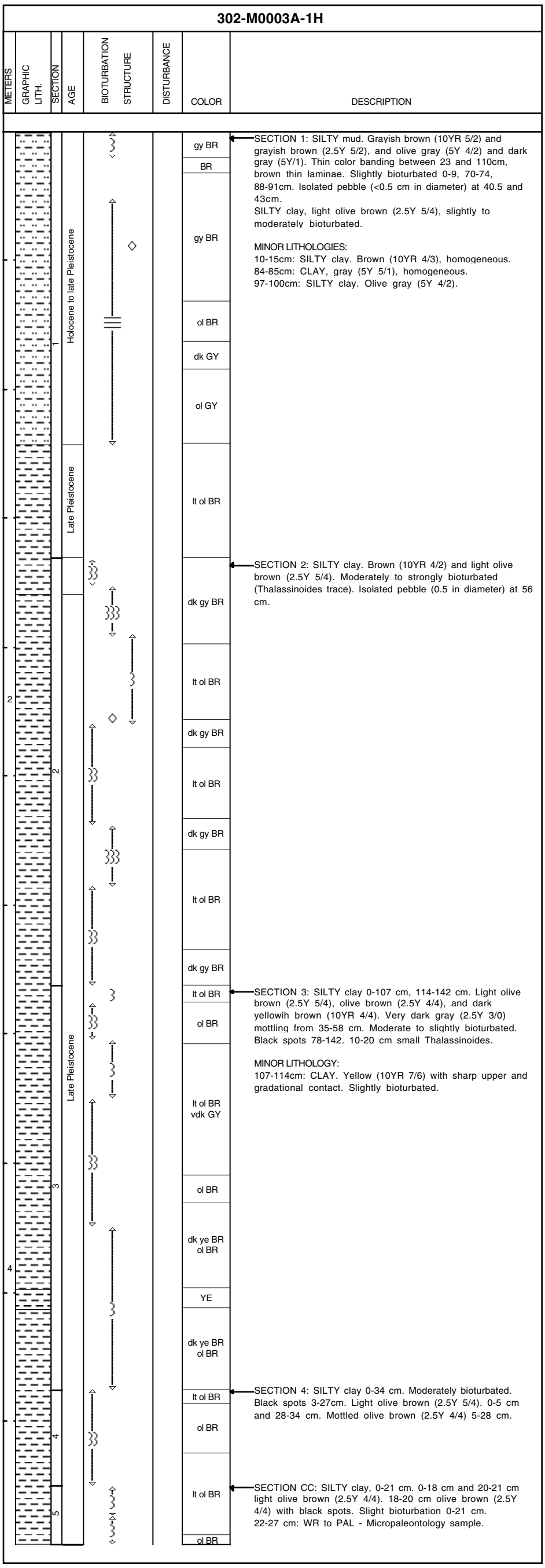
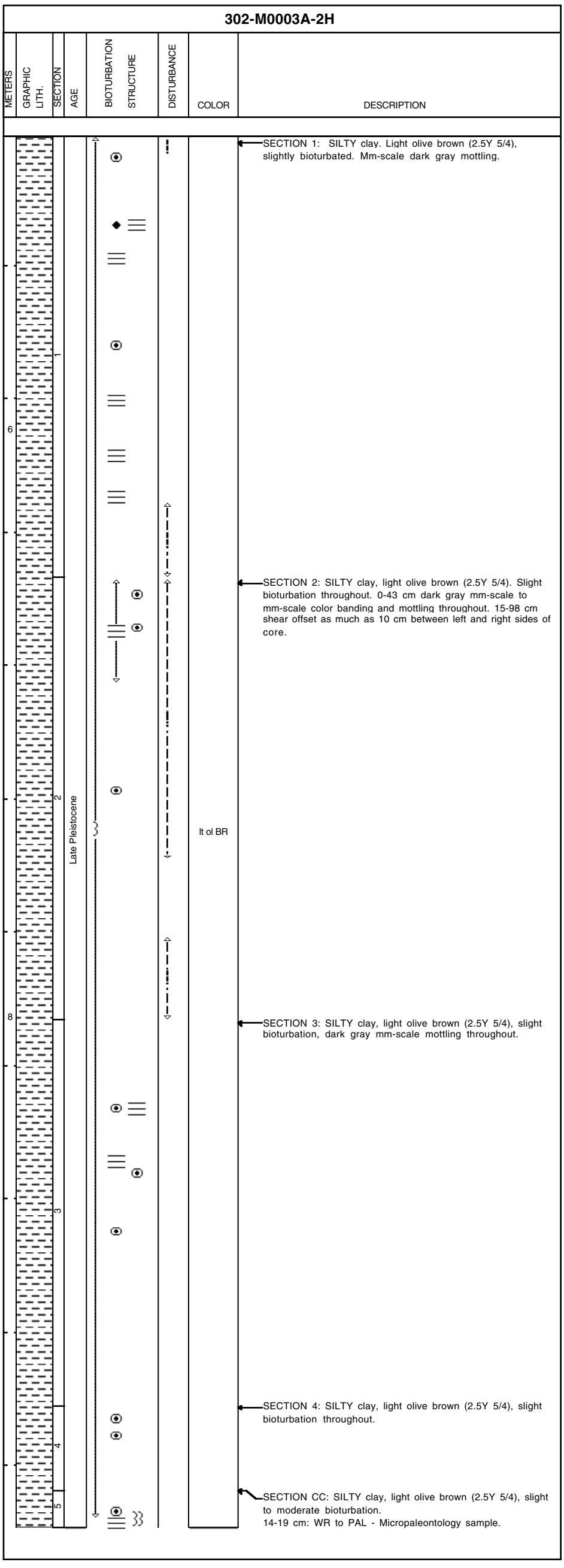
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
268
270
1
2
3
4
Middle Eocene
vdk GY
SECTION 1: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Sub-millimeter scale laminations. Very firm (89-151 cm). Very disturbed; soupy at 0-89 cm. Slightly disturbed; biscuiting at 89-151 cm.
SECTION 2: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1), very firm. Finely laminated (sub-mm scale). Slightly distubed (biscuits).
SECTION 3: Mud-bearing BIOSILICEOUS ooze. Very firm, very dark gray (5Y 3/1). Finely lamiated (sub-millimeter scale). Slightly disturbed: drilling biscuits throughout.
SECTION CC: Mud-bearing BIOSILICEOUS ooze. Very firm, very dark gray (5Y 3/1). At 10 cm, two <0.5-cm isolated pebbles.
Working half to PAL - Micropalentology sample.

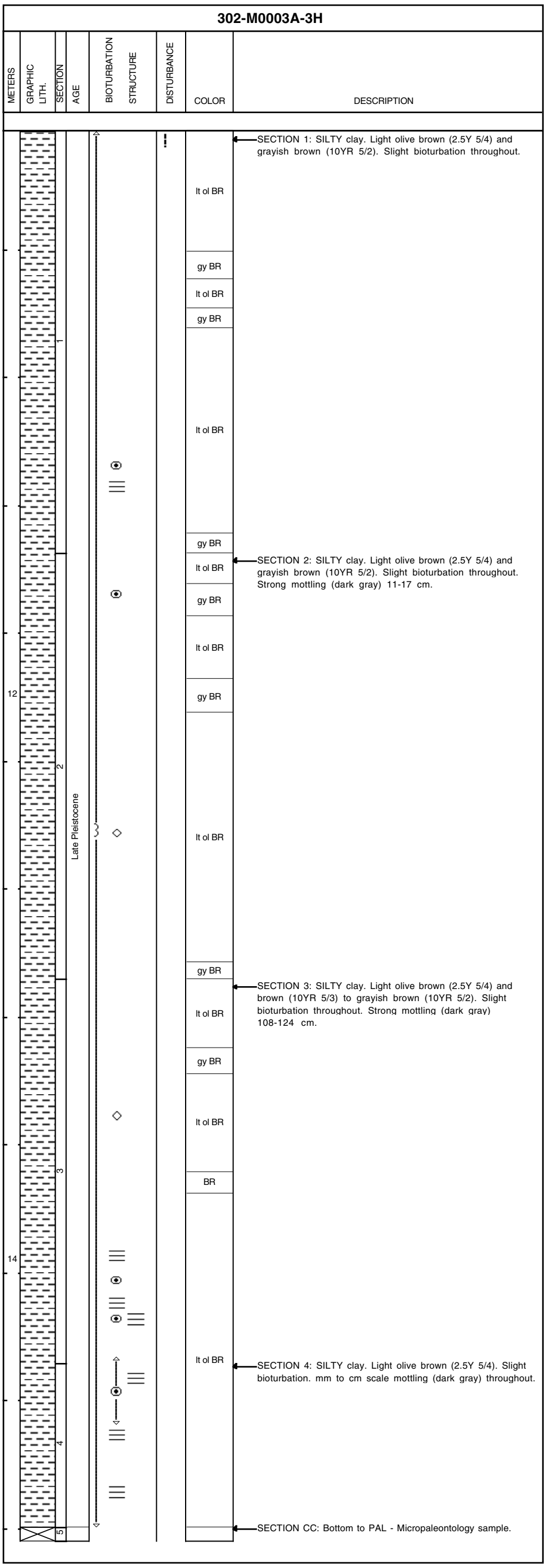
Core Photo


302-M0003A-1H
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
Holocene to late Pleistocene
Late Pleistocene
Late Pleistocene
gy BR
BR
gy BR
ol BR
dk GY
ol GY
lt ol BR
dk gy BR
lt ol BR
dk gy BR
lt ol BR
dk gy BR
lt ol BR
dk gy BR
lt ol BR
ol BR
lt ol BR
vdk GY
ol BR
dk ye BR
ol BR
YE
dk ye BR
ol BR
lt ol BR
ol BR
lt ol BR
ol BR
SECTION 1: SILTY mud. Grayish brown (10YR 5/2) and grayish brown (2.5Y 5/2), and olive gray (5Y 4/2) and dark gray (5Y/1). Thin color banding between 23 and 110cm, brown thin laminae. Slightly bioturbated 0-9, 70-74, 88-91cm. Isolated pebble (<0.5 cm in diameter) at 40.5 and 43cm.
SILTY clay, light olive brown (2.5Y 5/4), slightly to moderately bioturbated.
MINOR LITHOLOGIES:
10-15cm: SILTY clay. Brown (10YR 4/3), homogeneous.
84-85cm: CLAY, gray (5Y 5/1), homogeneous.
97-100cm: SILTY clay. Olive gray (5Y 4/2).
SECTION 2: SILTY clay. Brown (10YR 4/2) and light olive brown (2.5Y 5/4). Moderately to strongly bioturbated (Thalassinoides trace). Isolated pebble (0.5 in diameter) at 56 cm.
SECTION 3: SILTY clay 0-107 cm, 114-142 cm. Light olive brown (2.5Y 5/4), olive brown (2.5Y 4/4), and dark yellowih brown (10YR 4/4). Very dark gray (2.5Y 3/0) mottling from 35-58 cm. Moderate to slightly bioturbated. Black spots 78-142. 10-20 cm small Thalassinoides.
MINOR LITHOLOGY:
107-114cm: CLAY. Yellow (10YR 7/6) with sharp upper and gradational contact. Slightly bioturbated.
SECTION 4: SILTY clay 0-34 cm. Moderately bioturbated. Black spots 3-27cm. Light olive brown (2.5Y 5/4). 0-5 cm and 28-34 cm. Mottled olive brown (2.5Y 4/4) 5-28 cm.
SECTION CC: SILTY clay, 0-21 cm. 0-18 cm and 20-21 cm light olive brown (2.5Y 4/4). 18-20 cm olive brown (2.5Y 4/4) with black spots. Slight bioturbation 0-21 cm.
22-27 cm: WR to PAL - Micropaleontology sample.

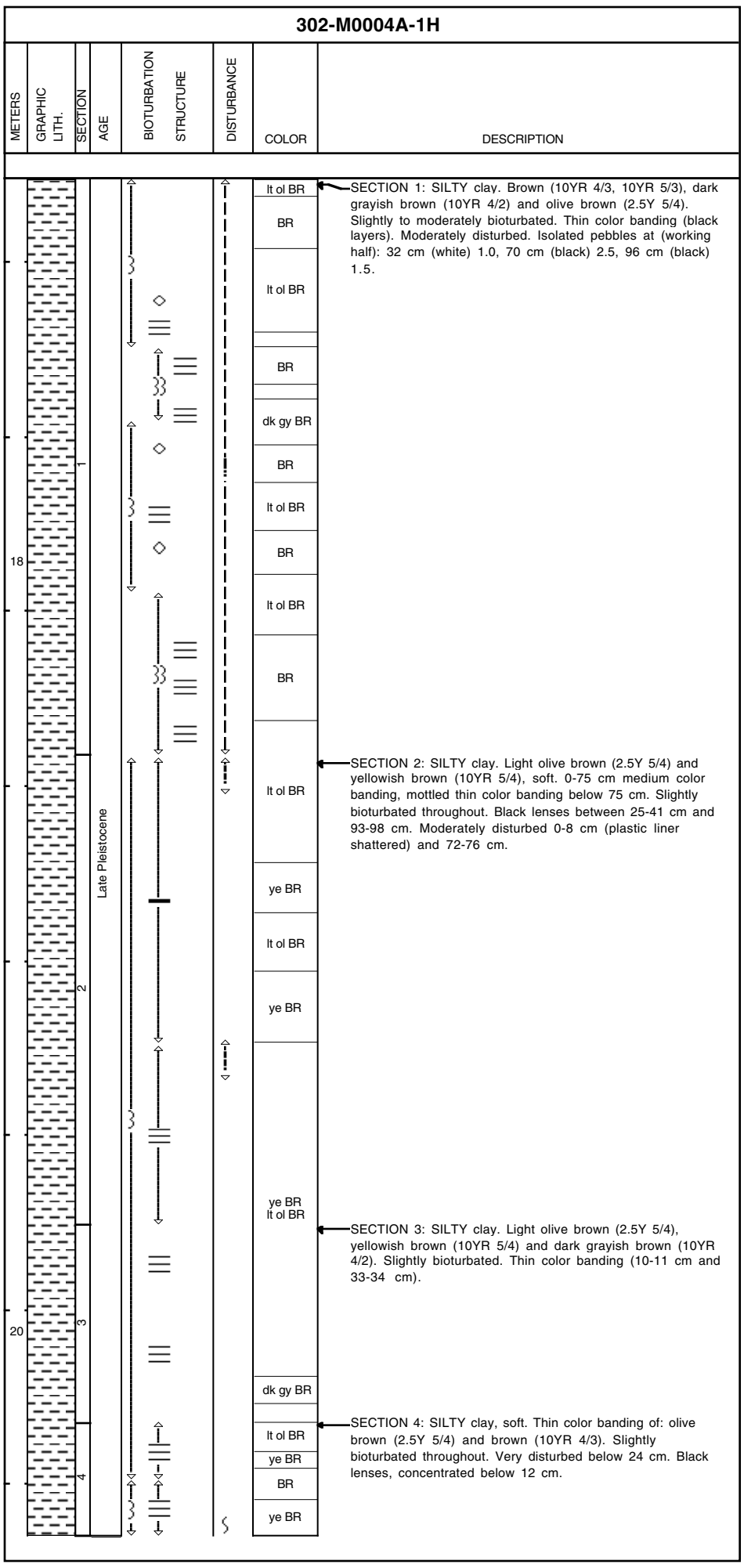
Core Photo


302-M0003A-2H
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
6
1
2
3
4
5
8
Late Pleistocene
lt ol BR
SECTION 1: SILTY clay. Light olive brown (2.5Y 5/4), slightly bioturbated. Mm-scale dark gray mottling.
SECTION 2: SILTY clay, light olive brown (2.5Y 5/4). Slight bioturbation throughout. 0-43 cm dark gray mm-scale to mm-scale color banding and mottling throughout. 15-98 cm shear offset as much as 10 cm between left and right sides of core.
SECTION 3: SILTY clay, light olive brown (2.5Y 5/4), slight bioturbation, dark gray mm-scale mottling throughout.
SECTION 4: SILTY clay, light olive brown (2.5Y 5/4), slight bioturbation throughout.
SECTION CC: SILTY clay, light olive brown (2.5Y 5/4), slight to moderate bioturbation.
14-19 cm: WR to PAL - Micropaleontology sample.

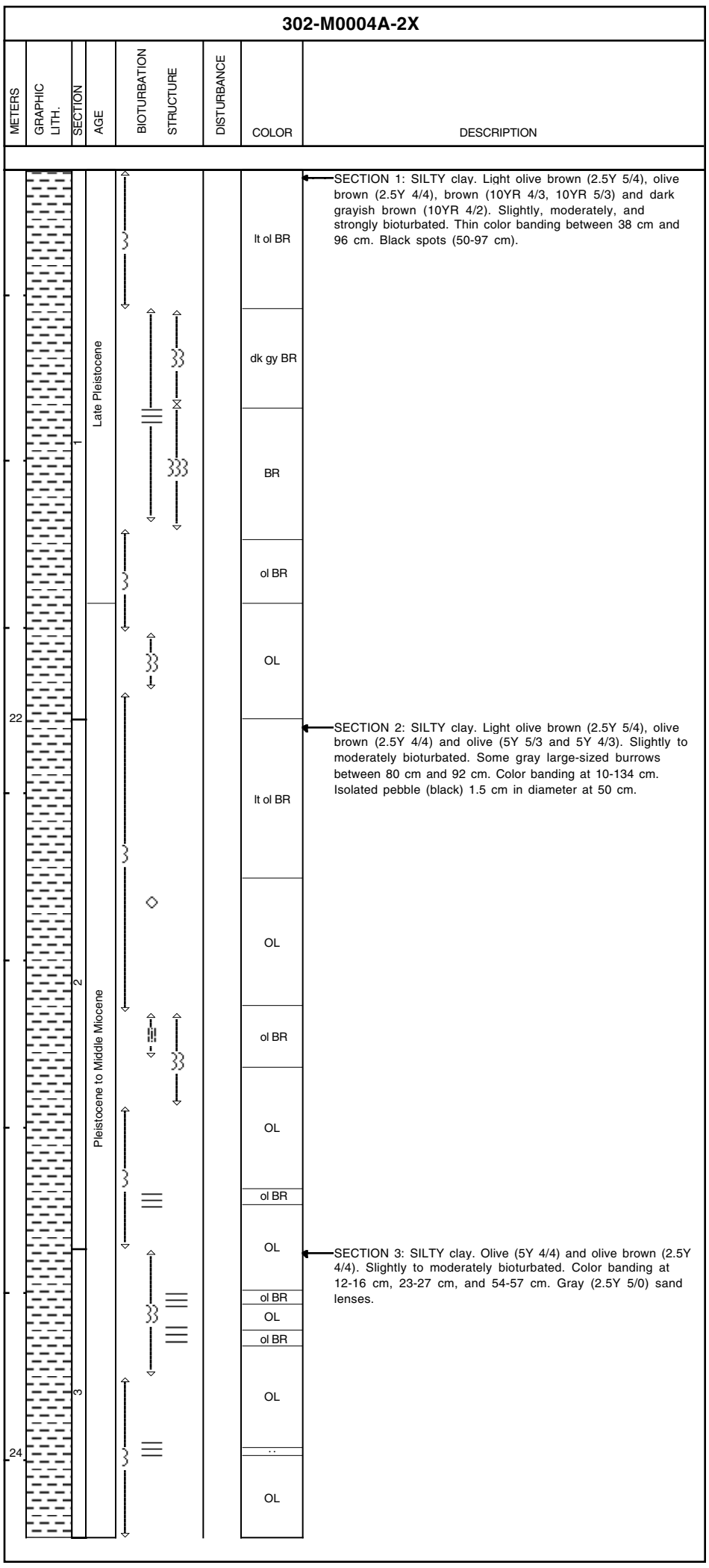
Core Photo


302-M0003A-3H
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
12
14
1
2
3
4
5
Late Pleistocene
lt ol BR
gy BR
lt ol BR
gy BR
lt ol BR
gy BR
lt ol BR
gy BR
lt ol BR
gy BR
lt ol BR
BR
lt ol BR
lt ol BR
SECTION 1: SILTY clay. Light olive brown (2.5Y 5/4) and grayish brown (10YR 5/2). Slight bioturbation throughout.
SECTION 2: SILTY clay. Light olive brown (2.5Y 5/4) and grayish brown (10YR 5/2). Slight bioturbation throughout. Strong mottling (dark gray) 11-17 cm.
SECTION 3: SILTY clay. Light olive brown (2.5Y 5/4) and brown (10YR 5/3) to grayish brown (10YR 5/2). Slight bioturbation throughout. Strong mottling (dark gray) 108-124 cm.
SECTION 4: SILTY clay. Light olive brown (2.5Y 5/4). Slight bioturbation. mm to cm scale mottling (dark gray) throughout.
SECTION CC: Bottom to PAL - Micropaleontology sample.

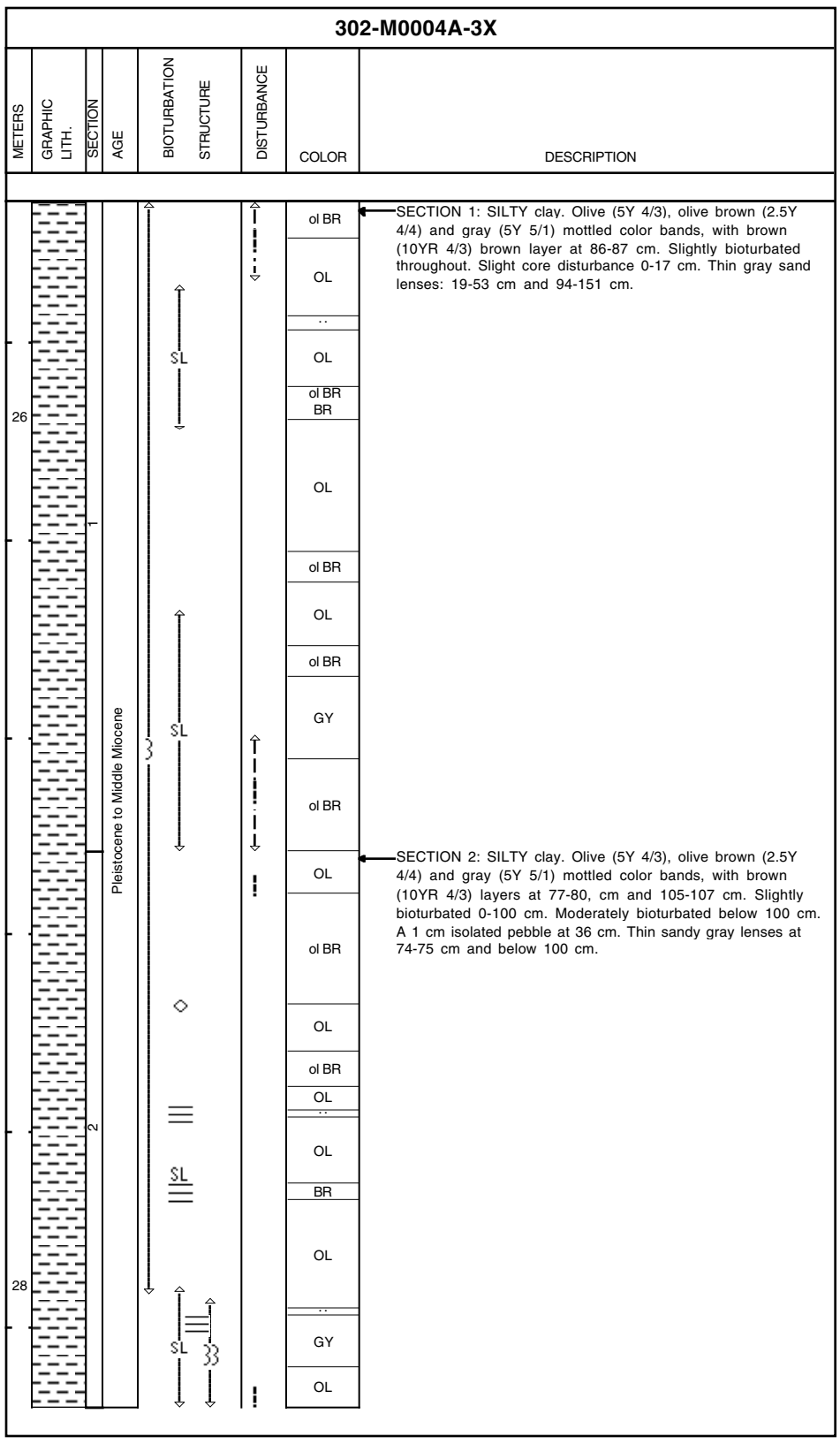
Core Photo


302-M0004A-1H
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
18
20
Late Pleistocene
1
2
3
4
lt ol BR
BR
lt ol BR
BR
dk gy BR
BR
lt ol BR
BR
lt ol BR
BR
ye BR
lt ol BR
ye BR
lt ol BR
ye BR
ye BR
lt ol BR
dk gy BR
lt ol BR
ye BR
BR
ye BR
SECTION 1: SILTY clay. Brown (10YR 4/3, 10YR 5/3), dark grayish brown (10YR 4/2) and olive brown (2.5Y 5/4). Slightly to moderately bioturbated. Thin color banding (black layers). Moderately disturbed. Isolated pebbles at (working half): 32 cm (white) 1.0, 70 cm (black) 2.5, 96 cm (black) 1.5.
SECTION 2: SILTY clay. Light olive brown (2.5Y 5/4) and yellowish brown (10YR 5/4), soft. 0-75 cm medium color banding, mottled thin color banding below 75 cm. Slightly bioturbated throughout. Black lenses between 25-41 cm and 93-98 cm. Moderately disturbed 0-8 cm (plastic liner shattered) and 72-76 cm.
SECTION 3: SILTY clay. Light olive brown (2.5Y 5/4), yellowish brown (10YR 5/4) and dark grayish brown (10YR 4/2). Slightly bioturbated. Thin color banding (10-11 cm and 33-34 cm).
SECTION 4: SILTY clay, soft. Thin color banding of: olive brown (2.5Y 5/4) and brown (10YR 4/3). Slightly bioturbated throughout. Very disturbed below 24 cm. Black lenses, concentrated below 12 cm.

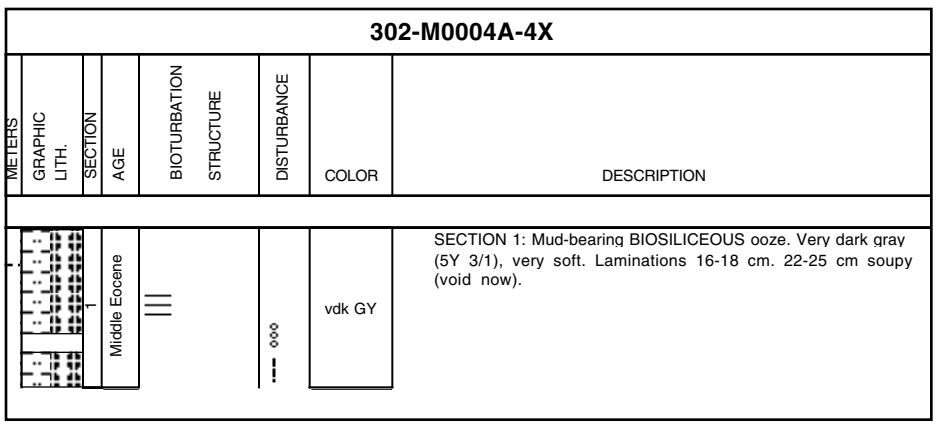
Core Photo


302-M0004A-2X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
Late Pleistocene
Pleistocene to Middle Miocene
22
24
1
2
3
lt ol BR
dk gy BR
BR
ol BR
OL
lt ol BR
OL
ol BR
OL
ol BR
OL
ol BR
OL
OL
SECTION 1: SILTY clay. Light olive brown (2.5Y 5/4), olive brown (2.5Y 4/4), brown (10YR 4/3, 10YR 5/3) and dark grayish brown (10YR 4/2). Slightly, moderately, and strongly bioturbated. Thin color banding between 38 cm and 96 cm. Black spots (50-97 cm).
SECTION 2: SILTY clay. Light olive brown (2.5Y 5/4), olive brown (2.5Y 4/4) and olive (5Y 5/3 and 5Y 4/3). Slightly to moderately bioturbated. Some gray large-sized burrows between 80 cm and 92 cm. Color banding at 10-134 cm. Isolated pebble (black) 1.5 cm in diameter at 50 cm.
SECTION 3: SILTY clay. Olive (5Y 4/4) and olive brown (2.5Y 4/4). Slightly to moderately bioturbated. Color banding at 12-16 cm, 23-27 cm, and 54-57 cm. Gray (2.5Y 5/0) sand lenses.

Core Photo


302-M0004A-3X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
26
28
1
2
Pleistocene to Middle Miocene
SL
ol BR
OL
ol BR
BR
OL
ol BR
OL
ol BR
GY
ol BR
OL
ol BR
OL
OL
BR
OL
GY
OL
SECTION 1: SILTY clay. Olive (5Y 4/3), olive brown (2.5Y 4/4) and gray (5Y 5/1) mottled color bands, with brown (10YR 4/3) brown layer at 86-87 cm. Slightly bioturbated throughout. Slight core disturbance 0-17 cm. Thin gray sand lenses: 19-53 cm and 94-151 cm.
SECTION 2: SILTY clay. Olive (5Y 4/3), olive brown (2.5Y 4/4) and gray (5Y 5/1) mottled color bands, with brown (10YR 4/3) layers at 77-80, cm and 105-107 cm. Slightly bioturbated 0-100 cm. Moderately bioturbated below 100 cm. A 1 cm isolated pebble at 36 cm. Thin sandy gray lenses at 74-75 cm and below 100 cm.

Core Photo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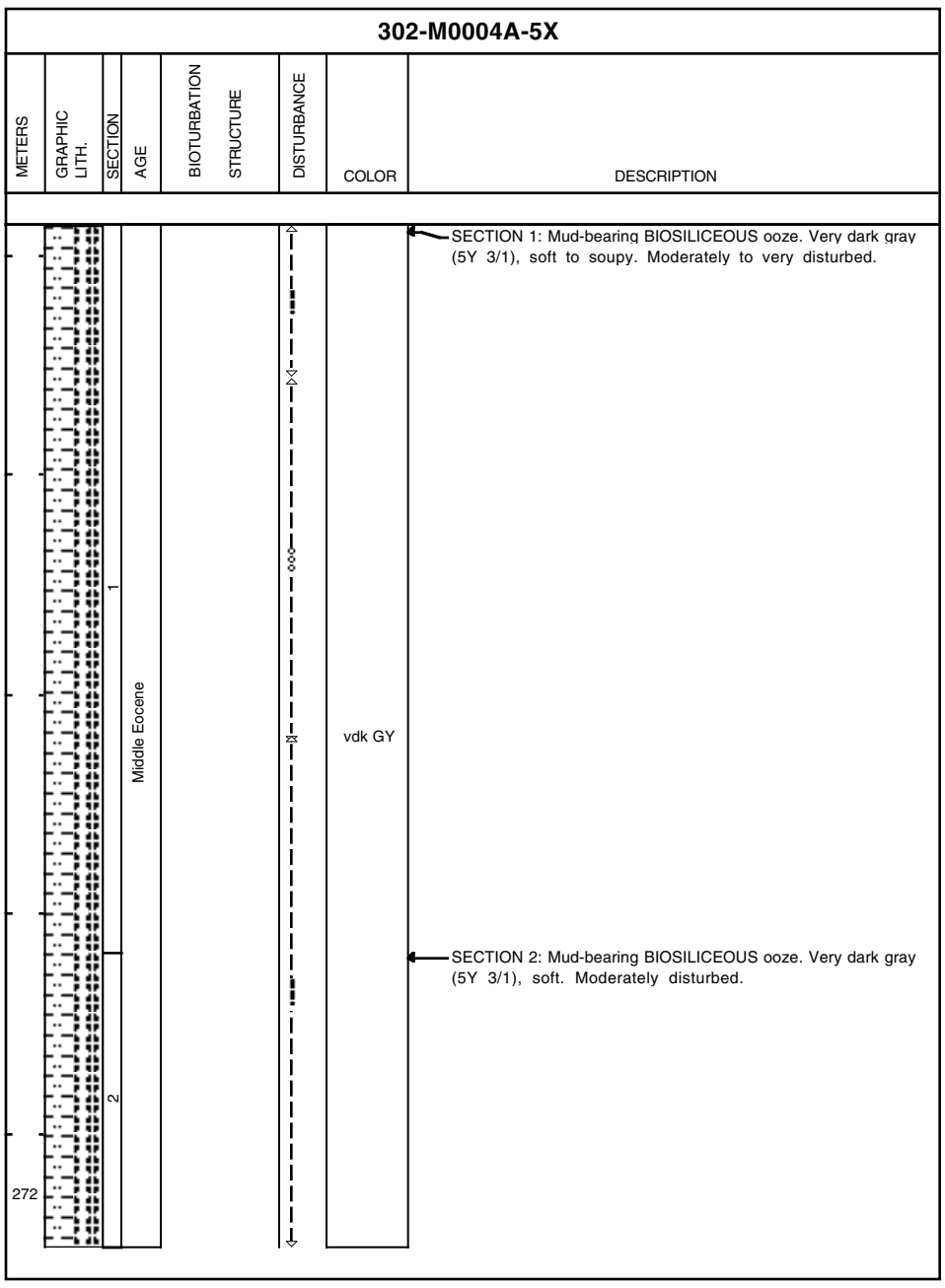
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
1
Middle Eocene
vdk GY
SECTION 1: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1), very soft. Laminations 16-18 cm. 22-25 cm soupy (void now).

Core Photo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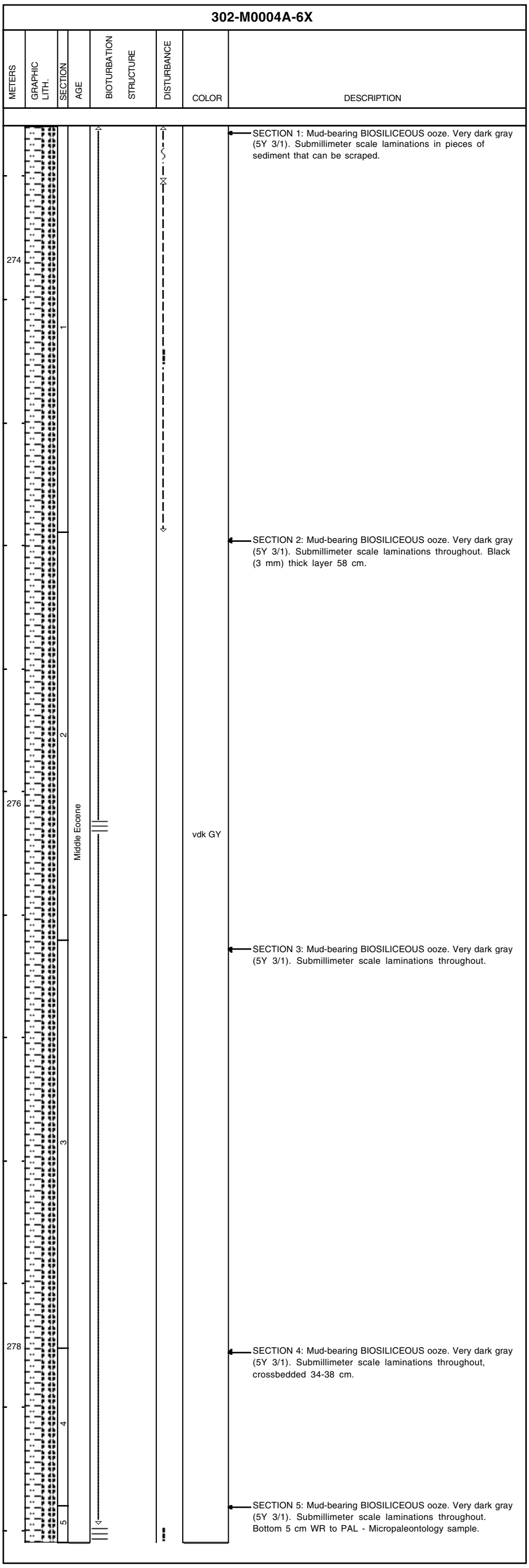
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
272
1
2
Middle Eocene
vdk GY
SECTION 1: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1), soft to soupy. Moderately to very disturbed.
SECTION 2: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1), soft. Moderately disturbed.

Core Photo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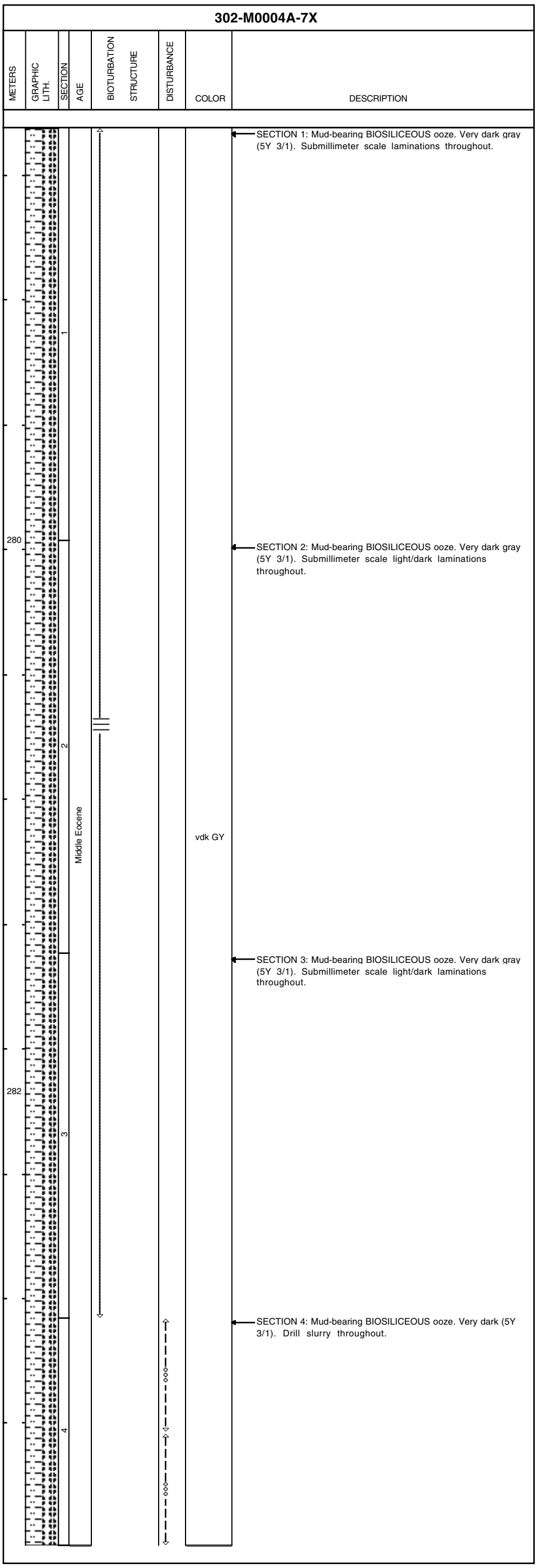
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
274
276
278
1
2
3
4
5
Middle Eocene
vdk GY
SECTION 1: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Submillimeter scale laminations in pieces of sediment that can be scraped.
SECTION 2: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Submillimeter scale laminations throughout. Black (3 mm) thick layer 58 cm.
SECTION 3: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Submillimeter scale laminations throughout.
SECTION 4: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Submillimeter scale laminations throughout, crossbedded 34-38 cm.
SECTION 5: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Submillimeter scale laminations throughout. Bottom 5 cm WR to PAL - Micropaleontology sample.

Core Photo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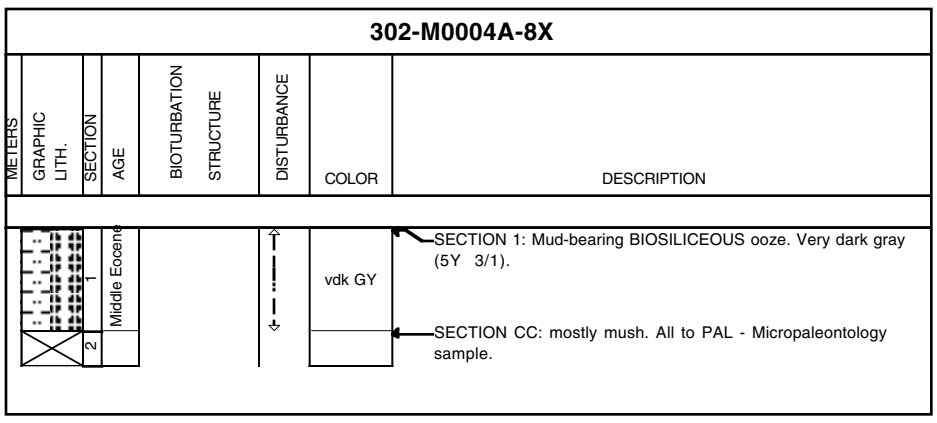
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
280
282
1
2
3
4
Middle Eocene
vdk GY
SECTION 1: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Submillimeter scale laminations throughout.
SECTION 2: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Submillimeter scale light/dark laminations throughout.
SECTION 3: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Submillimeter scale light/dark laminations throughout.
SECTION 4: Mud-bearing BIOSILICEOUS ooze. Very dark (5Y 3/1). Drill slurry throughout.

Core Photo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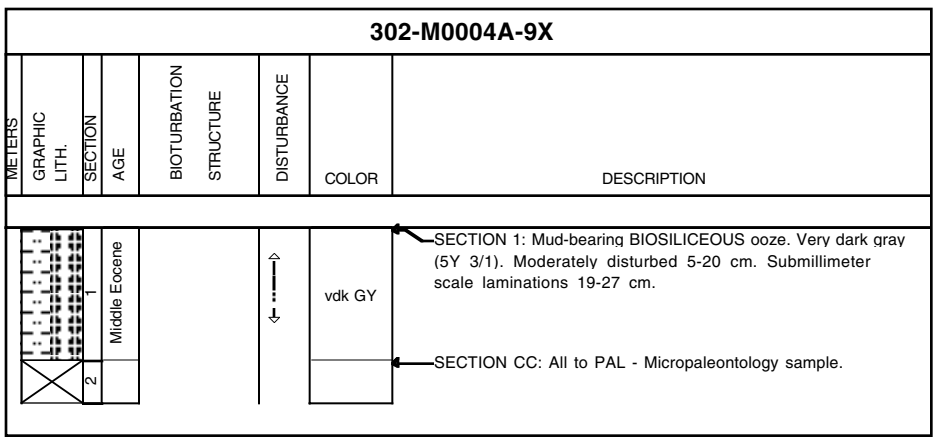
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
1
2
Middle Eocene
vdk GY
SECTION 1: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1).
SECTION CC: mostly mush. All to PAL - Micropaleontology sample.

Core Photo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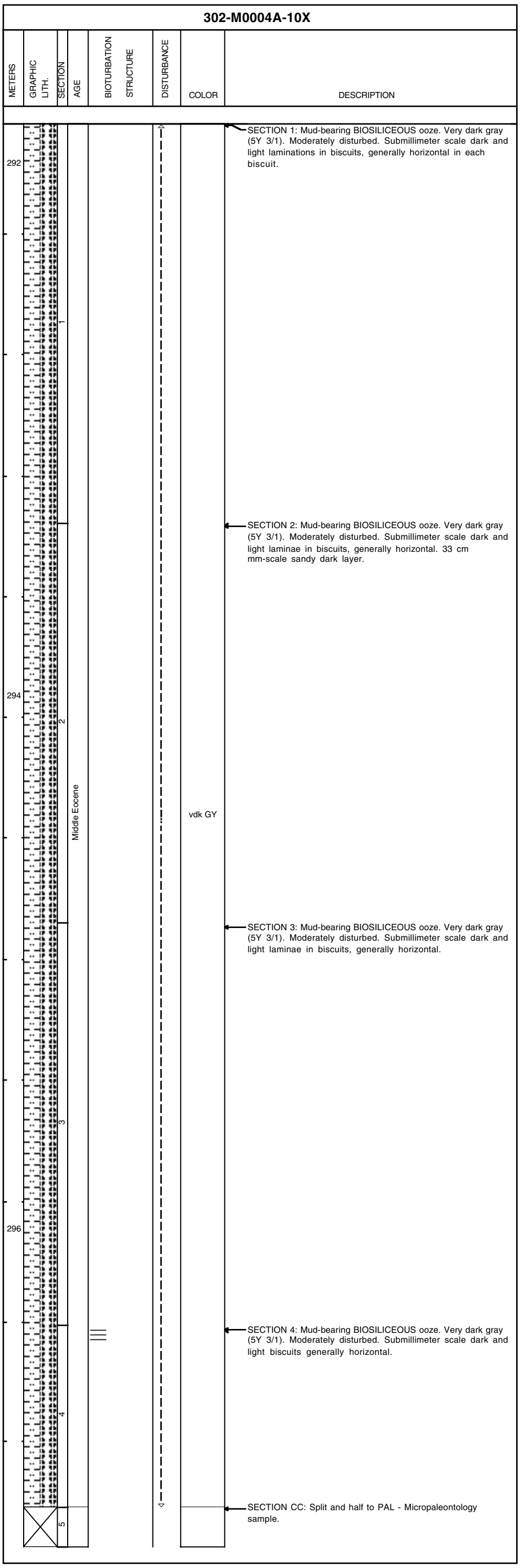
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
1
2
Middle Eocene
vdk GY
SECTION 1: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Moderately disturbed 5-20 cm. Submillimeter scale laminations 19-27 cm.
SECTION CC: All to PAL - Micropaleontology sample.

Core Photo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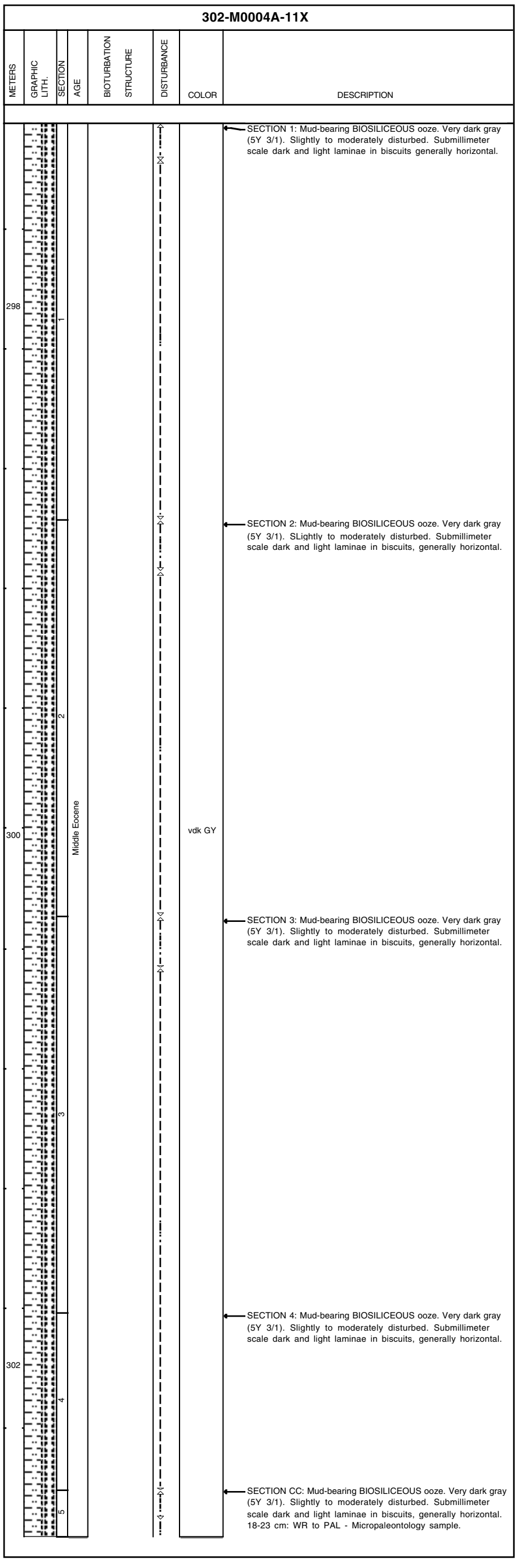
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
292
294
296
1
2
3
4
5
Middle Eocene
vdk GY
SECTION 1: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Moderately disturbed. Submillimeter scale dark and light laminations in biscuits, generally horizontal in each biscuit.
SECTION 2: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Moderately disturbed. Submillimeter scale dark and light laminae in biscuits, generally horizontal. 33 cm mm-scale sandy dark layer.
SECTION 3: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Moderately disturbed. Submillimeter scale dark and light laminae in biscuits, generally horizontal.
SECTION 4: Mud-bearing BIOSILICEOUS ooze. Very dark gray (5Y 3/1). Moderately disturbed. Submillimeter scale dark and light biscuits generally horizontal.
SECTION CC: Split and half to PAL - Micropaleontology sample.

Core Photo

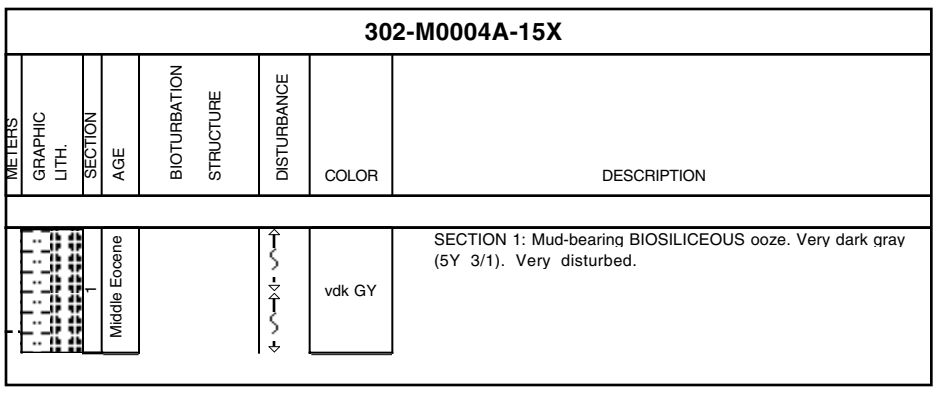


M0004A-12X Entire core taken for Paleontology sample

M0004A-13X No Recovery

M0004A-14X No Recovery

Core Photo



M0004A-16X No Recovery

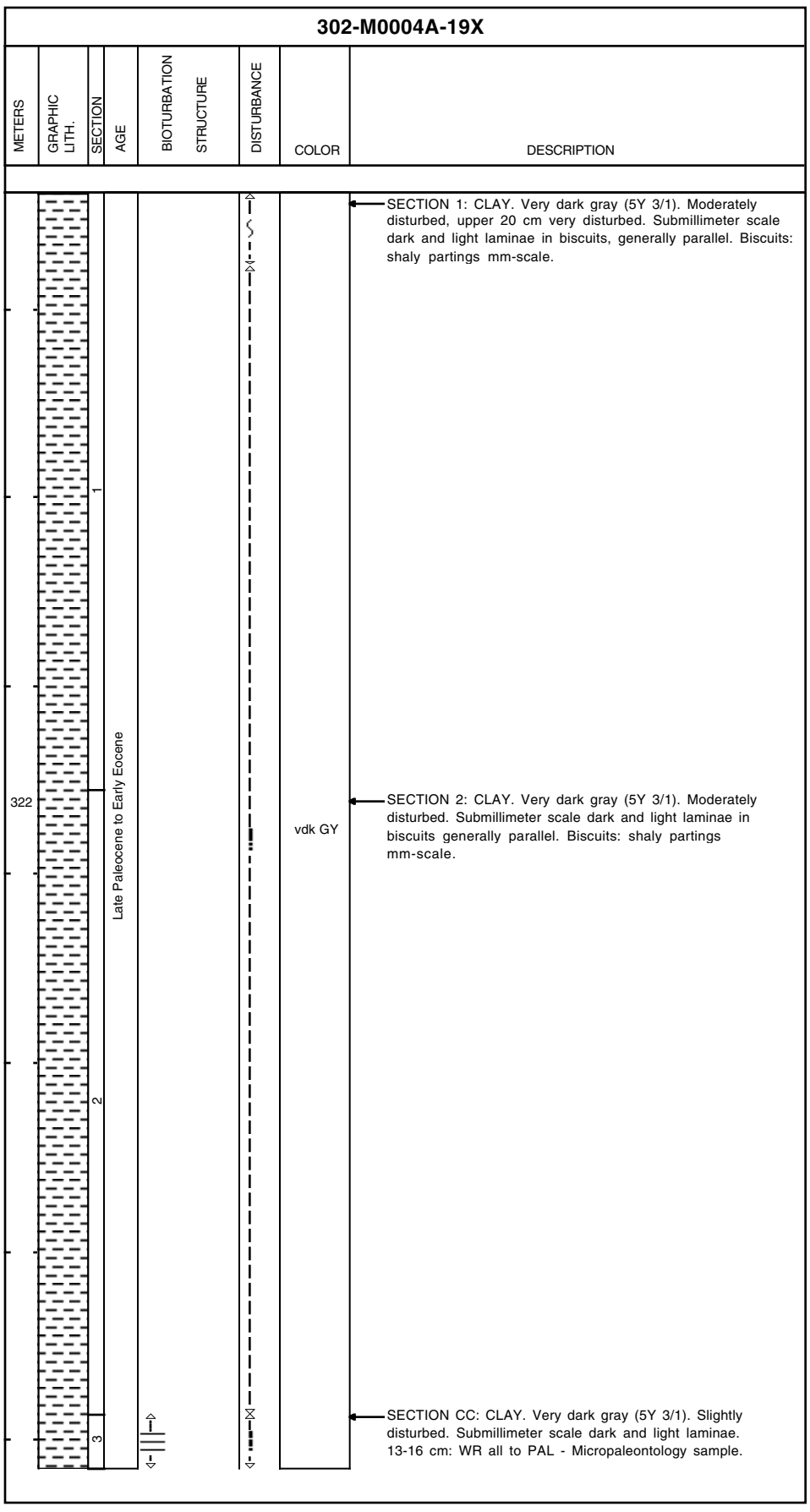
M0004A-17X No Recovery

Core Photo

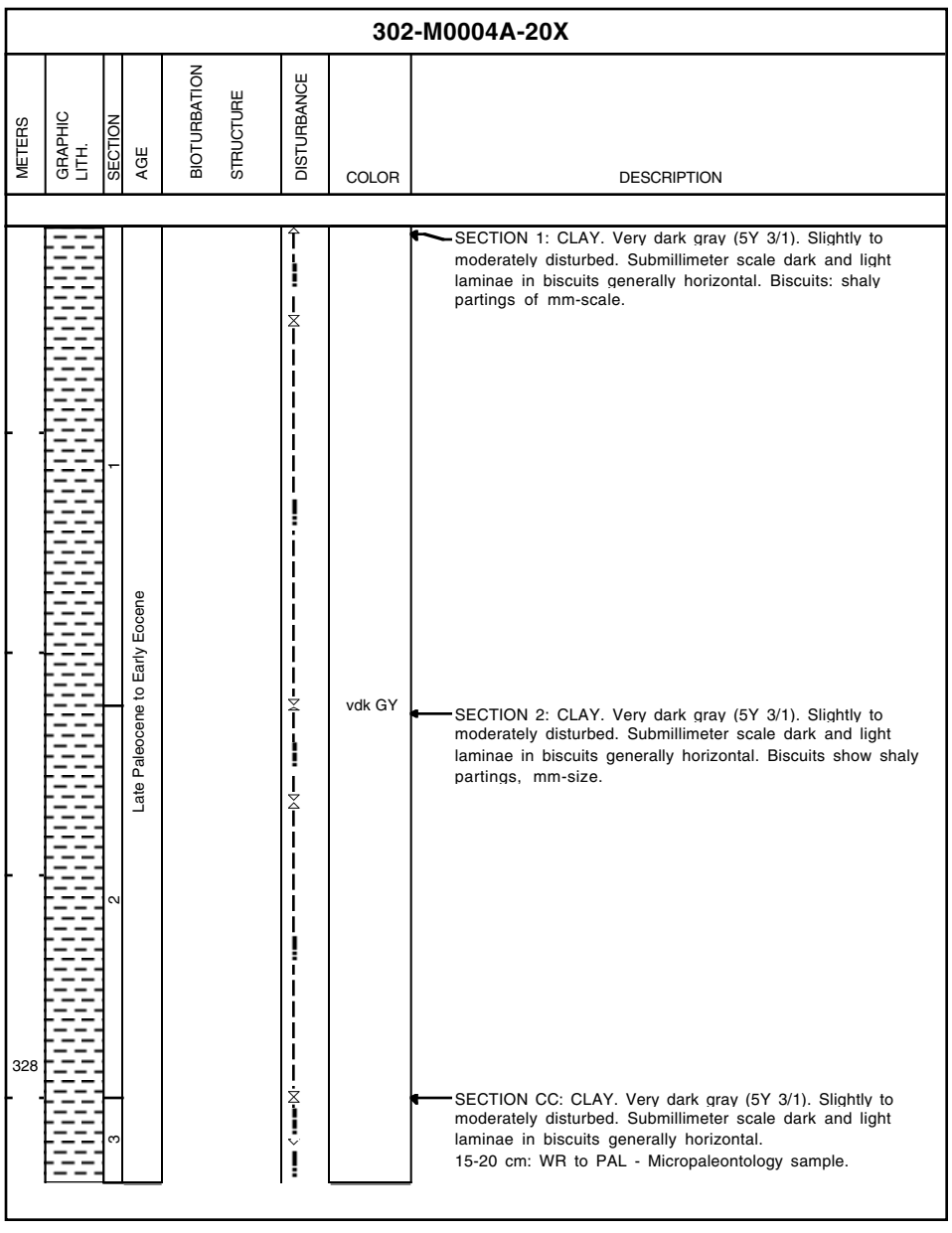
302-M0004A-18X

METERS	GRAPHIC LITH.	SECTION	AGE	BIOTURBATION STRUCTURE	DISTURBANCE	COLOR	DESCRIPTION
1		1	Late Paleocene to Early Eocene			vdk GY	SECTION CC: CLAY. Very dark gray (5Y 3/1). Moderately disturbed. Some biscuits with submillimeter scale dark and light laminae. Small pieces to PAL - Micropaleontology sample.

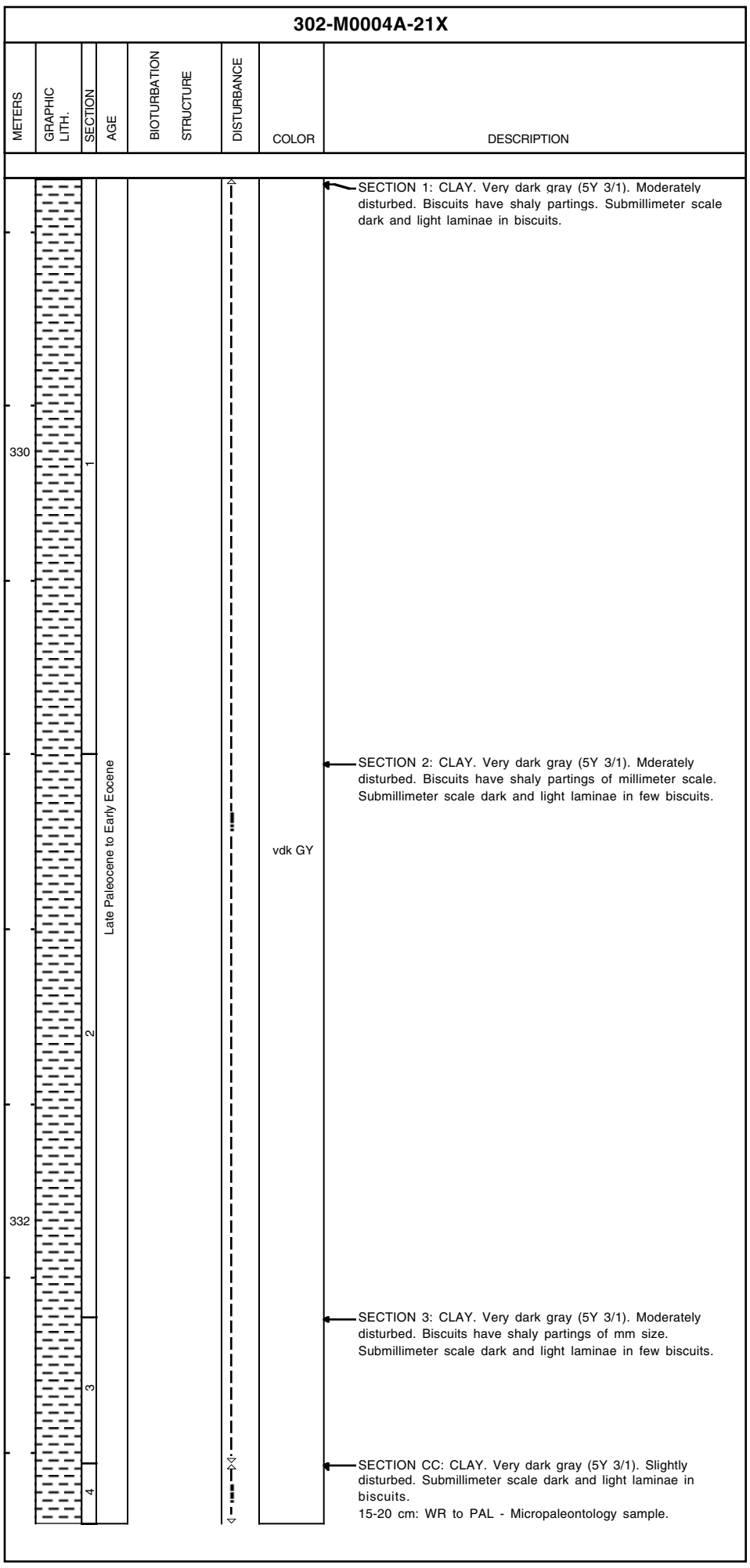
Core Photo


302-M0004A-19X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
322
1
2
3
Late Paleocene to Early Eocene
vdk GY
SECTION 1: CLAY. Very dark gray (5Y 3/1). Moderately disturbed, upper 20 cm very disturbed. Submillimeter scale dark and light laminae in biscuits, generally parallel. Biscuits: shaly partings mm-scale.
SECTION 2: CLAY. Very dark gray (5Y 3/1). Moderately disturbed. Submillimeter scale dark and light laminae in biscuits generally parallel. Biscuits: shaly partings mm-scale.
SECTION CC: CLAY. Very dark gray (5Y 3/1). Slightly disturbed. Submillimeter scale dark and light laminae. 13-16 cm: WR all to PAL - Micropaleontology sample.

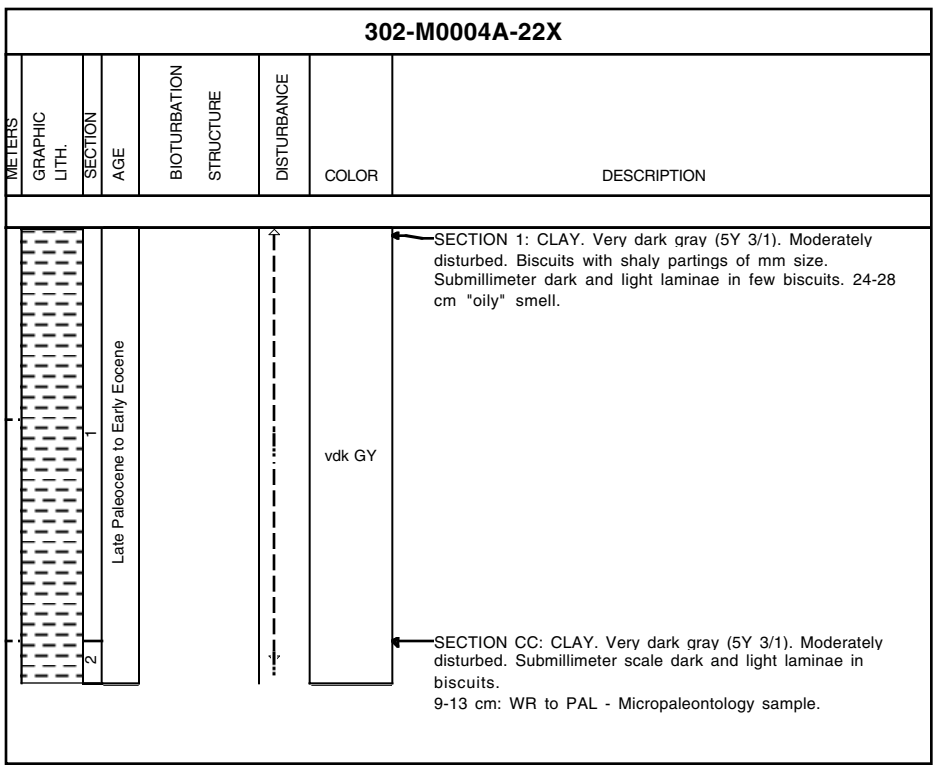
Core Photo


302-M0004A-20X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
328
1
2
3
Late Paleocene to Early Eocene
vdk GY
SECTION 1: CLAY. Very dark gray (5Y 3/1). Slightly to moderately disturbed. Submillimeter scale dark and light laminae in biscuits generally horizontal. Biscuits: shaly partings of mm-scale.
SECTION 2: CLAY. Very dark gray (5Y 3/1). Slightly to moderately disturbed. Submillimeter scale dark and light laminae in biscuits generally horizontal. Biscuits show shaly partings, mm-size.
SECTION CC: CLAY. Very dark gray (5Y 3/1). Slightly to moderately disturbed. Submillimeter scale dark and light laminae in biscuits generally horizontal.
15-20 cm: WR to PAL - Micropaleontology sample.

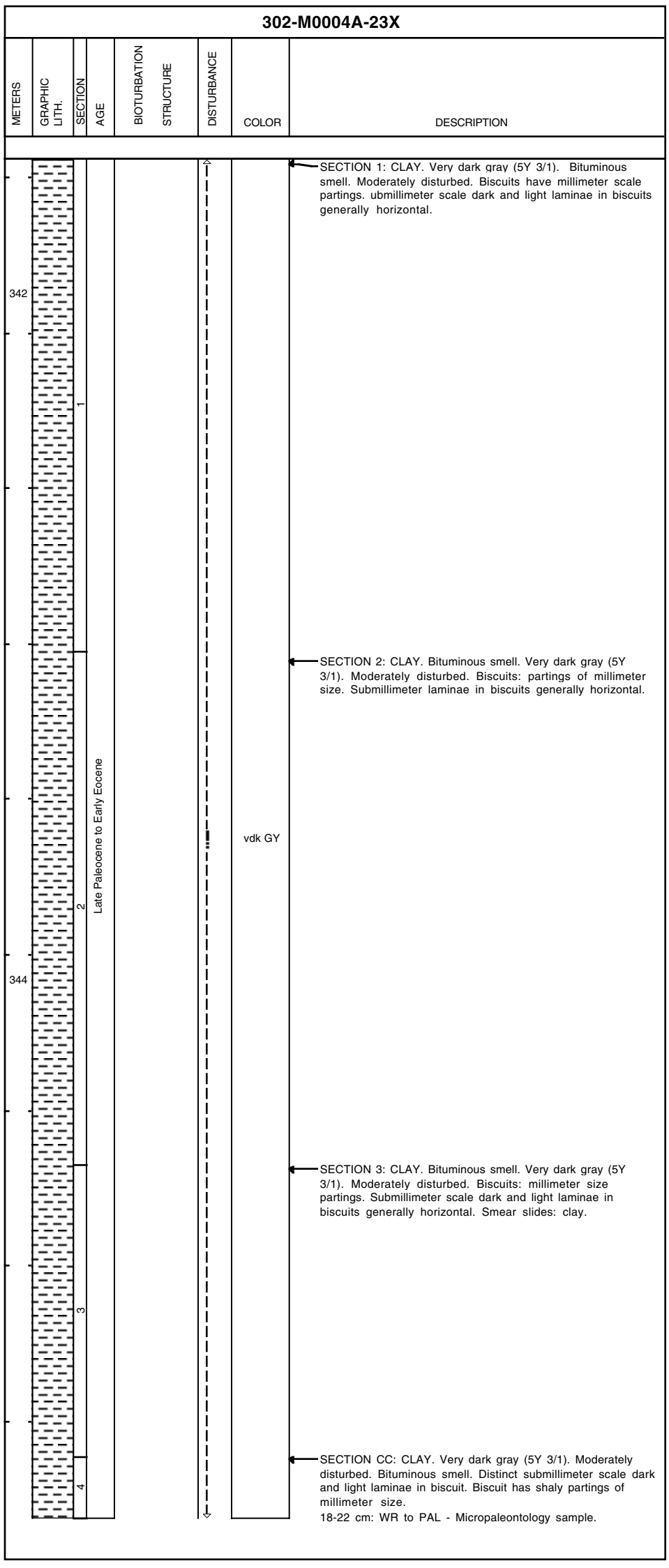
Core Photo


302-M0004A-21X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
330
332
1
2
3
4
Late Paleocene to Early Eocene
vdk GY
SECTION 1: CLAY. Very dark gray (5Y 3/1). Moderately disturbed. Biscuits have shaly partings. Submillimeter scale dark and light laminae in biscuits.
SECTION 2: CLAY. Very dark gray (5Y 3/1). Mderately disturbed. Biscuits have shaly partings of millimeter scale. Submillimeter scale dark and light laminae in few biscuits.
SECTION 3: CLAY. Very dark gray (5Y 3/1). Moderately disturbed. Biscuits have shaly partings of mm size. Submillimeter scale dark and light laminae in few biscuits.
SECTION CC: CLAY. Very dark gray (5Y 3/1). Slightly disturbed. Submillimeter scale dark and light laminae in biscuits.
15-20 cm: WR to PAL - Micropaleontology sample.

Core Photo


302-M0004A-22X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
1
2
Late Paleocene to Early Eocene
vdk GY
SECTION 1: CLAY. Very dark gray (5Y 3/1). Moderately disturbed. Biscuits with shaly partings of mm size. Submillimeter dark and light laminae in few biscuits. 24-28 cm "oily" smell.
SECTION CC: CLAY. Very dark gray (5Y 3/1). Moderately disturbed. Submillimeter scale dark and light laminae in biscuits.
9-13 cm: WR to PAL - Micropaleontology sample.

Core Photo

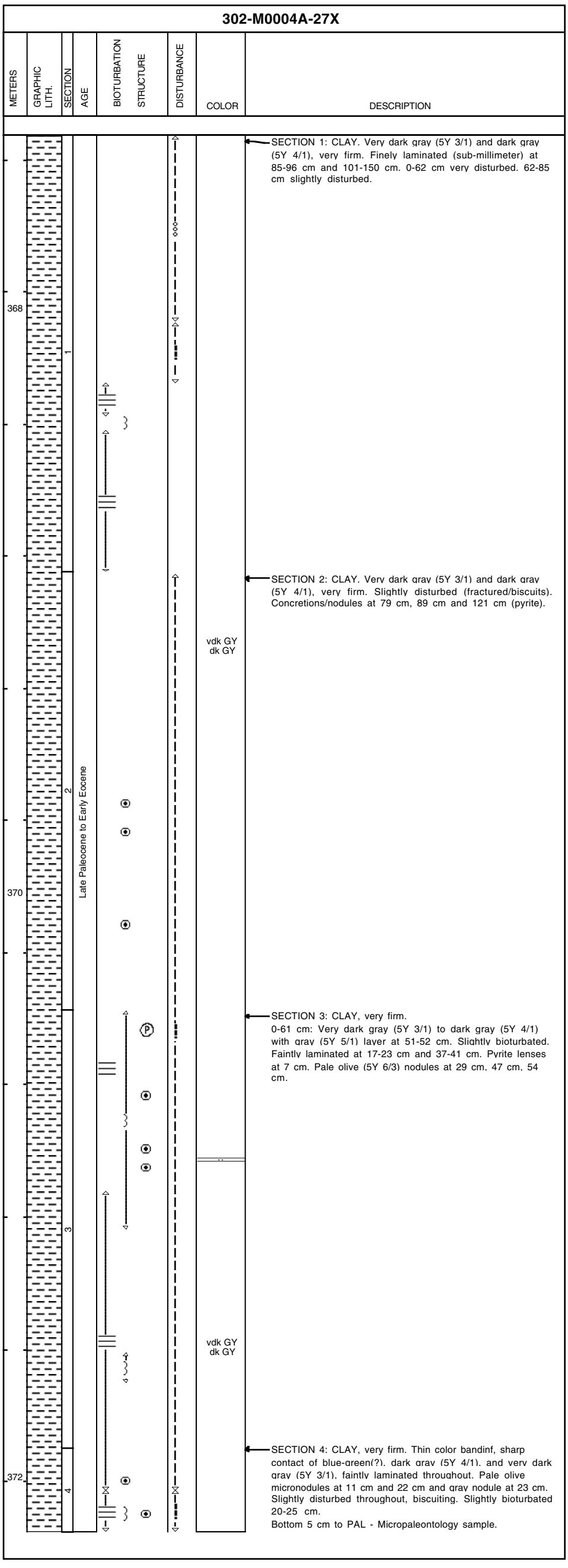


M0004A-24X No Recovery

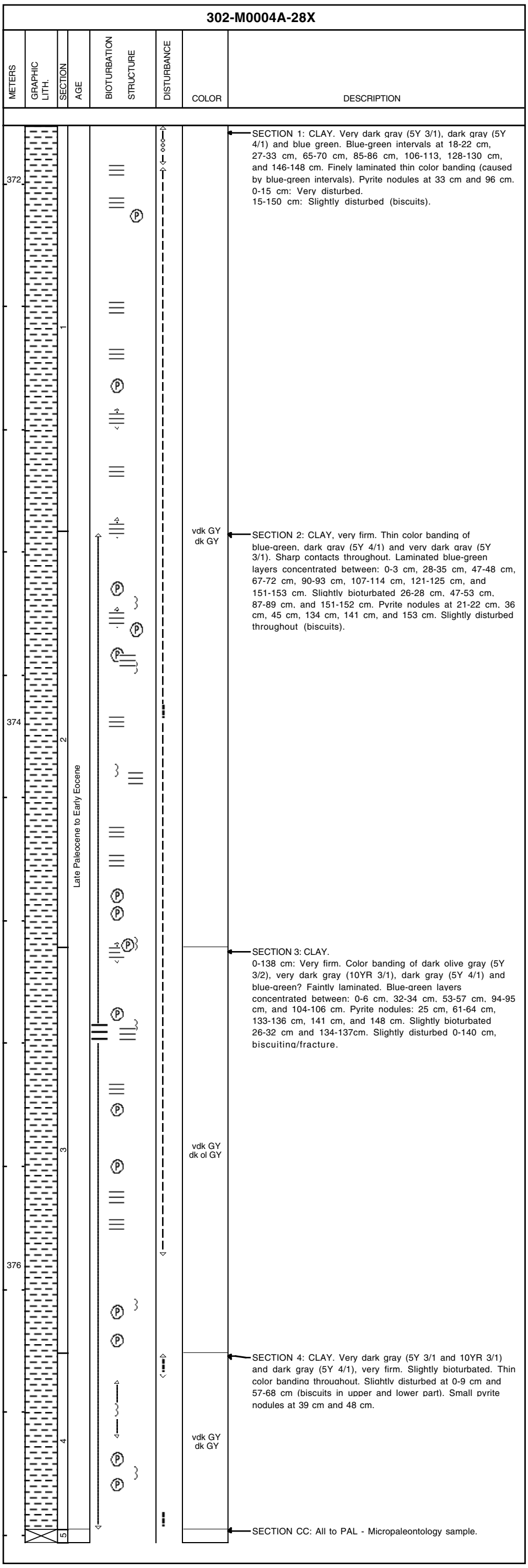
M0004A-25X No Recovery

M0004A-26X No Recovery

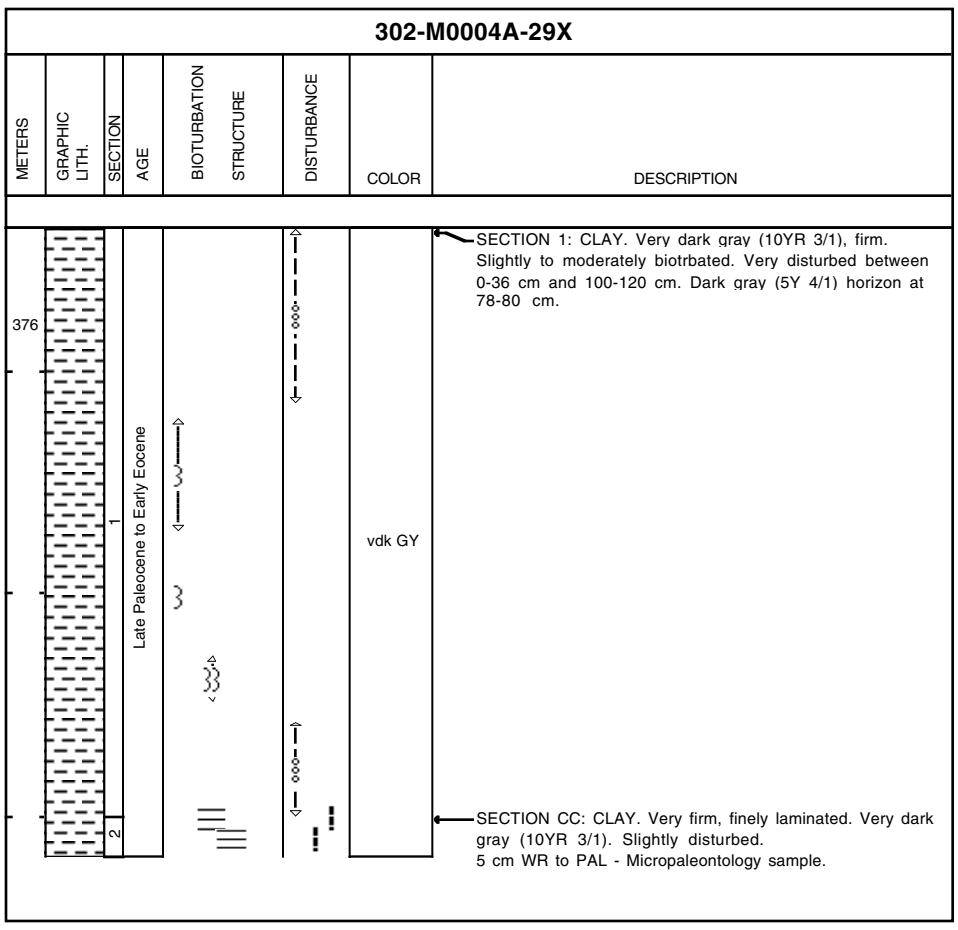
Core Photo


302-M0004A-27X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
368
370
372
1
2
3
4
Late Paleocene to Early Eocene
vdk GY
dk GY
vdk GY
dk GY
SECTION 1: CLAY. Very dark gray (5Y 3/1) and dark gray (5Y 4/1), very firm. Finely laminated (sub-millimeter) at 85-96 cm and 101-150 cm. 0-62 cm very disturbed. 62-85 cm slightly disturbed.
SECTION 2: CLAY. Very dark gray (5Y 3/1) and dark gray (5Y 4/1), very firm. Slightly disturbed (fractured/biscuits). Concretions/nodules at 79 cm, 89 cm and 121 cm (pyrite).
SECTION 3: CLAY, very firm.
0-61 cm: Very dark gray (5Y 3/1) to dark gray (5Y 4/1) with gray (5Y 5/1) layer at 51-52 cm. Slightly bioturbated. Faintly laminated at 17-23 cm and 37-41 cm. Pyrite lenses at 7 cm. Pale olive (5Y 6/3) nodules at 29 cm, 47 cm, 54 cm.
SECTION 4: CLAY, very firm. Thin color bandinf, sharp contact of blue-green(?), dark gray (5Y 4/1), and very dark gray (5Y 3/1), faintly laminated throughout. Pale olive micronodules at 11 cm and 22 cm and gray nodule at 23 cm. Slightly disturbed throughout, biscuiting. Slightly bioturbated 20-25 cm.
Bottom 5 cm to PAL - Micropaleontology sample.

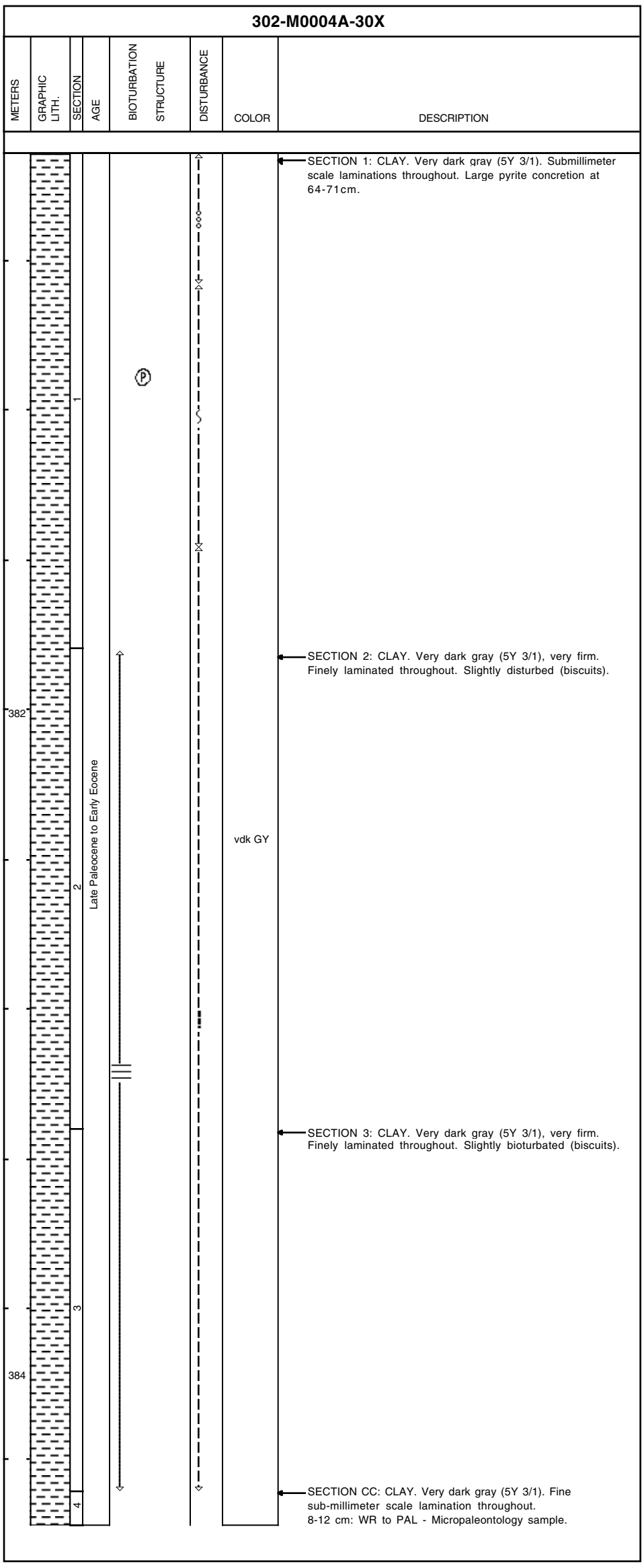
Core Photo


302-M0004A-28X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
372
374
376
1
2
3
4
5
Late Paleocene to Early Eocene
SECTION 1: CLAY. Very dark gray (5Y 3/1), dark gray (5Y 4/1) and blue green. Blue-green intervals at 18-22 cm, 27-33 cm, 65-70 cm, 85-86 cm, 106-113, 128-130 cm, and 146-148 cm. Finely laminated thin color banding (caused by blue-green intervals). Pyrite nodules at 33 cm and 96 cm.
0-15 cm: Very disturbed.
15-150 cm: Slightly disturbed (biscuits).
vdk GY
dk GY
SECTION 2: CLAY, very firm. Thin color banding of blue-green, dark gray (5Y 4/1) and very dark gray (5Y 3/1). Sharp contacts throughout. Laminated blue-green layers concentrated between: 0-3 cm, 28-35 cm, 47-48 cm, 67-72 cm, 90-93 cm, 107-114 cm, 121-125 cm, and 151-153 cm. Slightly bioturbated 26-28 cm, 47-53 cm, 87-89 cm, and 151-152 cm. Pyrite nodules at 21-22 cm, 36 cm, 45 cm, 134 cm, 141 cm, and 153 cm. Slightly disturbed throughout (biscuits).
SECTION 3: CLAY.
0-138 cm: Very firm. Color banding of dark olive gray (5Y 3/2), very dark gray (10YR 3/1), dark gray (5Y 4/1) and blue-green? Faintly laminated. Blue-green layers concentrated between: 0-6 cm, 32-34 cm, 53-57 cm, 94-95 cm, and 104-106 cm. Pyrite nodules: 25 cm, 61-64 cm, 133-136 cm, 141 cm, and 148 cm. Slightly bioturbated 26-32 cm and 134-137cm. Slightly disturbed 0-140 cm, biscuiting/fracture.
vdk GY
dk ol GY
SECTION 4: CLAY. Very dark gray (5Y 3/1 and 10YR 3/1) and dark gray (5Y 4/1), very firm. Slightly bioturbated. Thin color banding throughout. Slightly disturbed at 0-9 cm and 57-68 cm (biscuits in upper and lower part). Small pyrite nodules at 39 cm and 48 cm.
vdk GY
dk GY
SECTION CC: All to PAL - Micropaleontology sample.

Core Photo


302-M0004A-29X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
376
1
2
Late Paleocene to Early Eocene
vdk GY
SECTION 1: CLAY. Very dark gray (10YR 3/1), firm. Slightly to moderately biotrbated. Very disturbed between 0-36 cm and 100-120 cm. Dark gray (5Y 4/1) horizon at 78-80 cm.
SECTION CC: CLAY. Very firm, finely laminated. Very dark gray (10YR 3/1). Slightly disturbed.
5 cm WR to PAL - Micropaleontology sample.

Core Photo

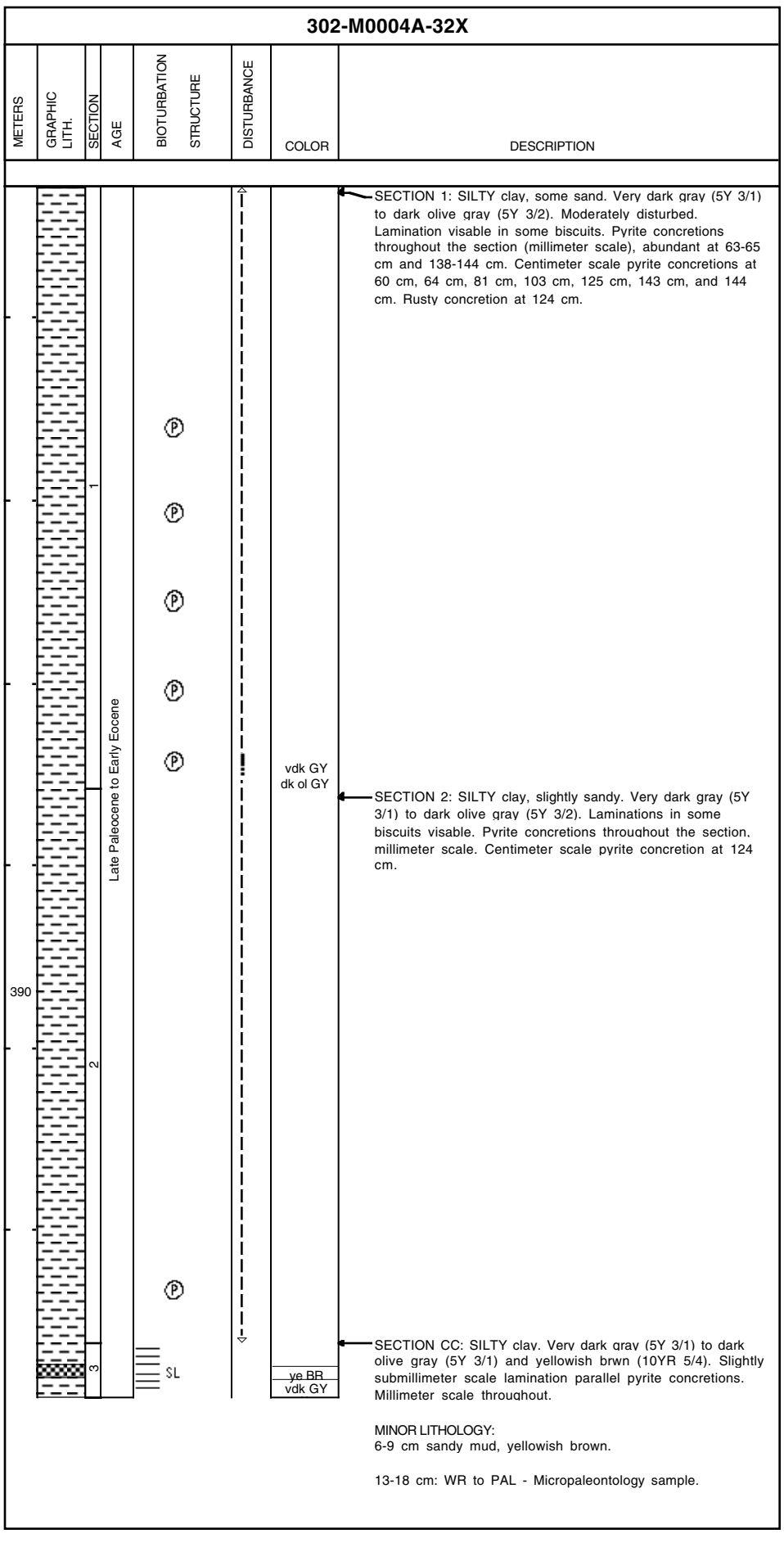

302-M0004A-30X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
382
384
1
2
3
4
Late Paleocene to Early Eocene
vdk GY
SECTION 1: CLAY. Very dark gray (5Y 3/1). Submillimeter scale laminations throughout. Large pyrite concretion at 64-71cm.
SECTION 2: CLAY. Very dark gray (5Y 3/1), very firm. Finely laminated throughout. Slightly disturbed (biscuits).
SECTION 3: CLAY. Very dark gray (5Y 3/1), very firm. Finely laminated throughout. Slightly bioturbated (biscuits).
SECTION CC: CLAY. Very dark gray (5Y 3/1). Fine sub-millimeter scale lamination throughout. 8-12 cm: WR to PAL - Micropaleontology sample.

Core Photo

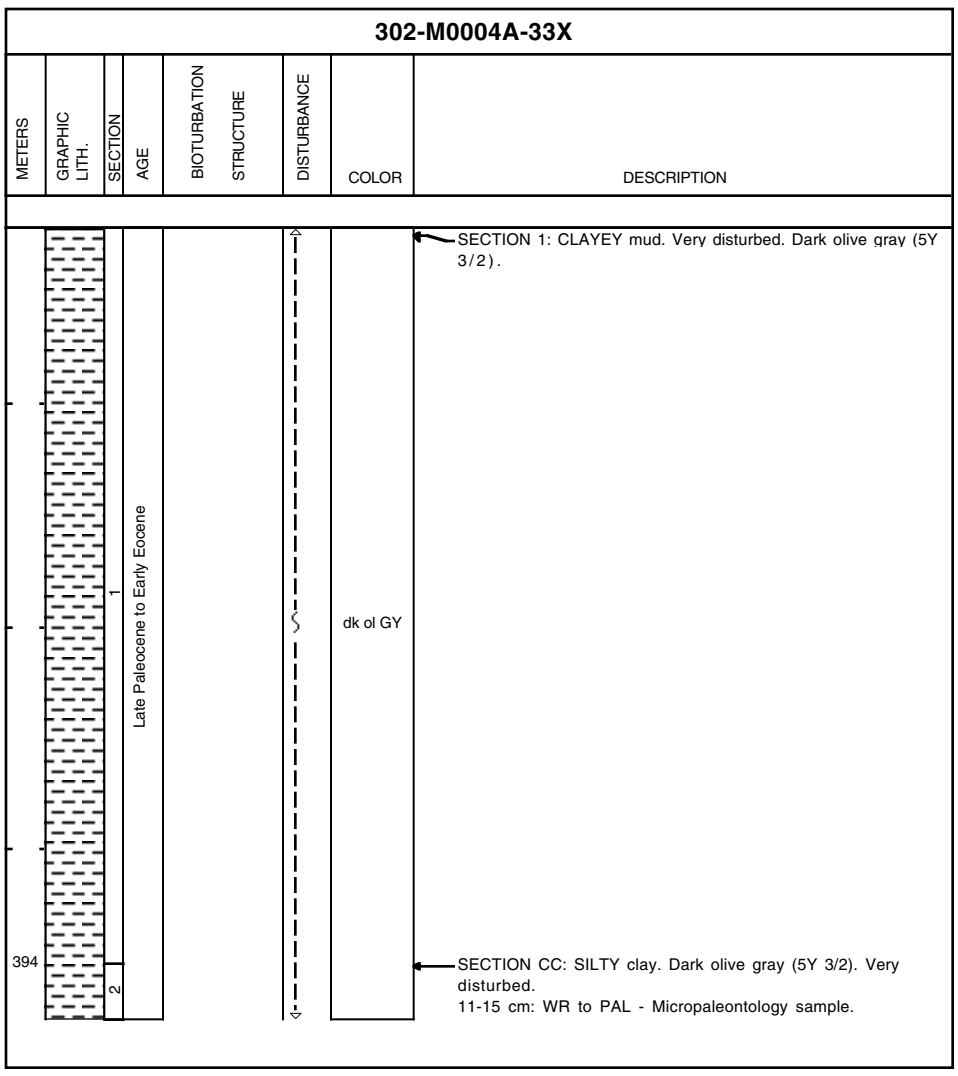
302-M0004A-31X

METERS	GRAPHIC LITH.	SECTION	AGE	BIOTURBATION STRUCTURE	DISTURBANCE	COLOR	DESCRIPTION
1		1	Late Paleocene to Early Eocene	◇		vdk GY	SECTION CC: SILTY clay. Section is very disturbed. No biscuits visable. Isolated pebble at 48-50 cm, approximately 6 x 3 cm. 50-55 cm: WR to PAL - Micropaleontology sample.

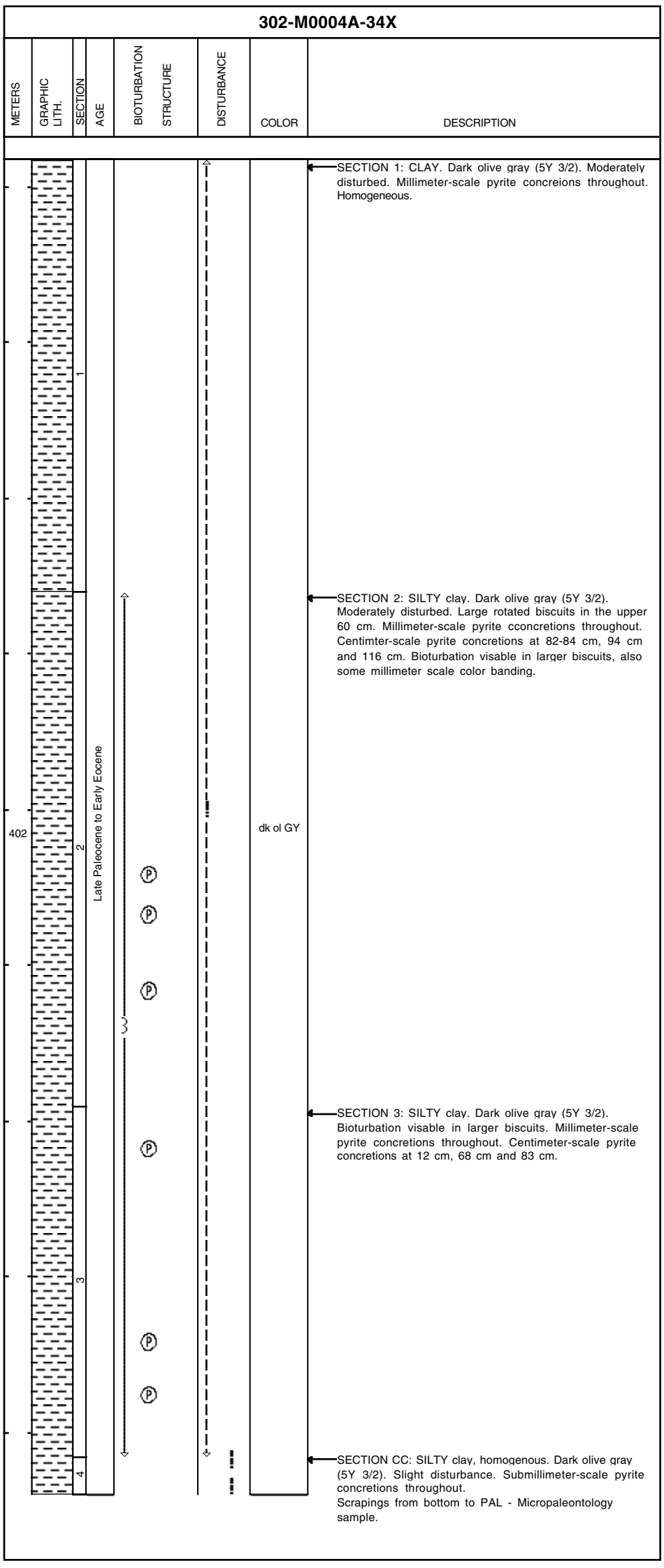
Core Photo


302-M0004A-32X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
390
1
2
3
Late Paleocene to Early Eocene
SL
vdk GY
dk ol GY
ye BR
vdk GY
SECTION 1: SILTY clay, some sand. Very dark gray (5Y 3/1) to dark olive gray (5Y 3/2). Moderately disturbed. Lamination visable in some biscuits. Pyrite concretions throughout the section (millimeter scale), abundant at 63-65 cm and 138-144 cm. Centimeter scale pyrite concretions at 60 cm, 64 cm, 81 cm, 103 cm, 125 cm, 143 cm, and 144 cm. Rusty concretion at 124 cm.
SECTION 2: SILTY clay, slightly sandy. Very dark gray (5Y 3/1) to dark olive gray (5Y 3/2). Laminations in some biscuits visable. Pyrite concretions throughout the section, millimeter scale. Centimeter scale pyrite concretion at 124 cm.
SECTION CC: SILTY clay. Very dark gray (5Y 3/1) to dark olive gray (5Y 3/1) and yellowish brwn (10YR 5/4). Slightly submillimeter scale lamination parallel pyrite concretions. Millimeter scale throughout.
MINOR LITHOLOGY:
6-9 cm sandy mud, yellowish brown.
13-18 cm: WR to PAL - Micropaleontology sample.

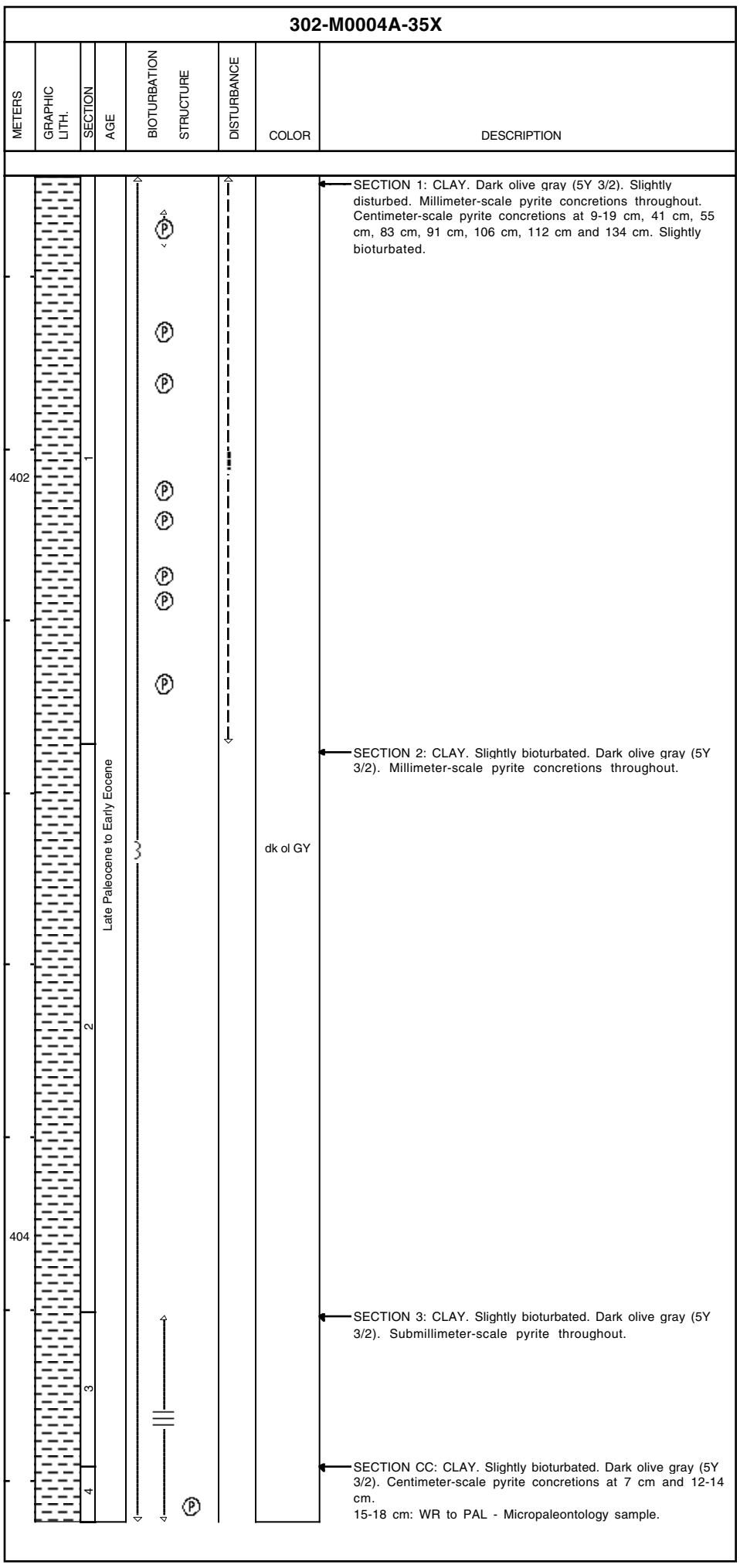
Core Photo


302-M0004A-33X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
394
1
2
Late Paleocene to Early Eocene
dk ol GY
SECTION 1: CLAYEY mud. Very disturbed. Dark olive gray (5Y 3/2).
SECTION CC: SILTY clay. Dark olive gray (5Y 3/2). Very disturbed.
11-15 cm: WR to PAL - Micropaleontology sample.

Core Photo


302-M0004A-34X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
402
1
2
3
4
Late Paleocene to Early Eocene
dk ol GY
SECTION 1: CLAY. Dark olive gray (5Y 3/2). Moderately disturbed. Millimeter-scale pyrite concreions throughout. Homogeneous.
SECTION 2: SILTY clay. Dark olive gray (5Y 3/2). Moderately disturbed. Large rotated biscuits in the upper 60 cm. Millimeter-scale pyrite cconcretions throughout. Centimter-scale pyrite concretions at 82-84 cm, 94 cm and 116 cm. Bioturbation visable in larger biscuits, also some millimeter scale color banding.
SECTION 3: SILTY clay. Dark olive gray (5Y 3/2). Bioturbation visable in larger biscuits. Millimeter-scale pyrite concretions throughout. Centimeter-scale pyrite concretions at 12 cm, 68 cm and 83 cm.
SECTION CC: SILTY clay, homogenous. Dark olive gray (5Y 3/2). Slight disturbance. Submillimeter-scale pyrite concretions throughout.
Scrapings from bottom to PAL - Micropaleontology sample.

Core Photo



M0004A-36X No Recovery

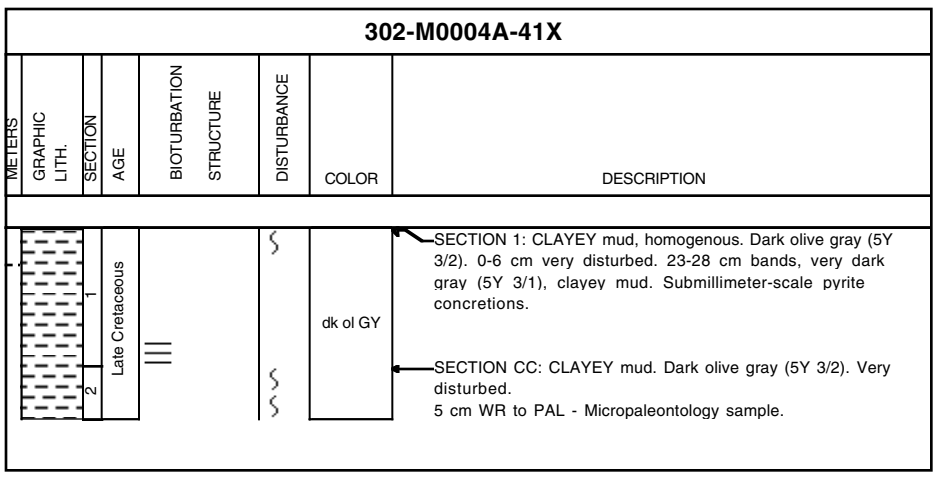
M0004A-37X No Recovery

M0004A-38X No Recovery

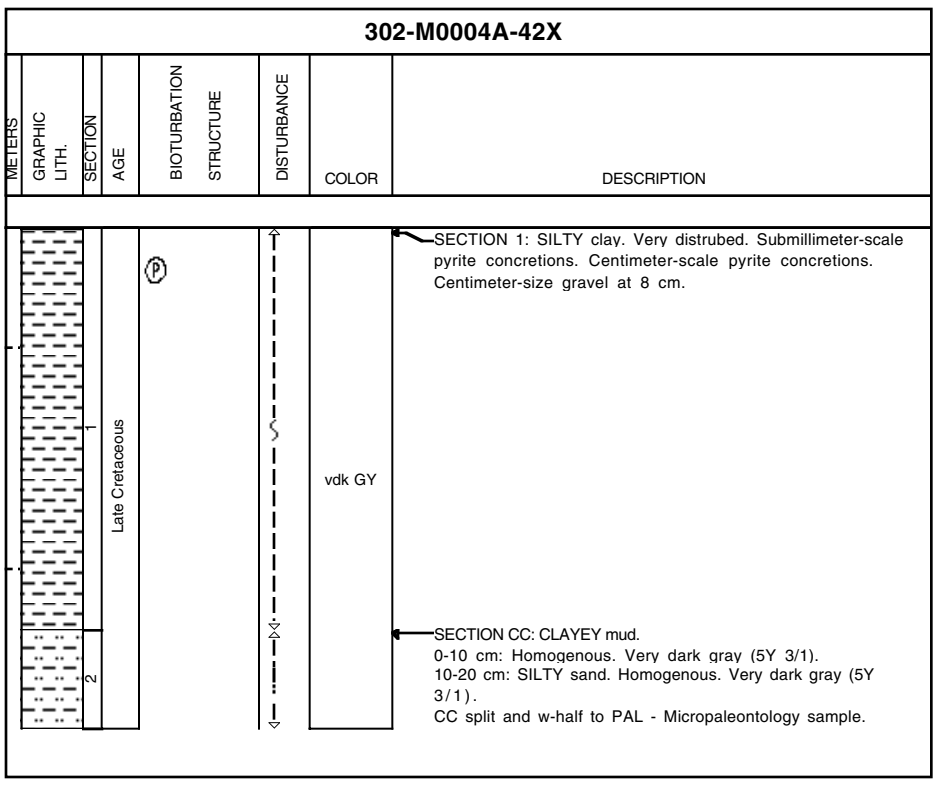
M0004A-39X No Recovery

M0004A-40X No Recovery

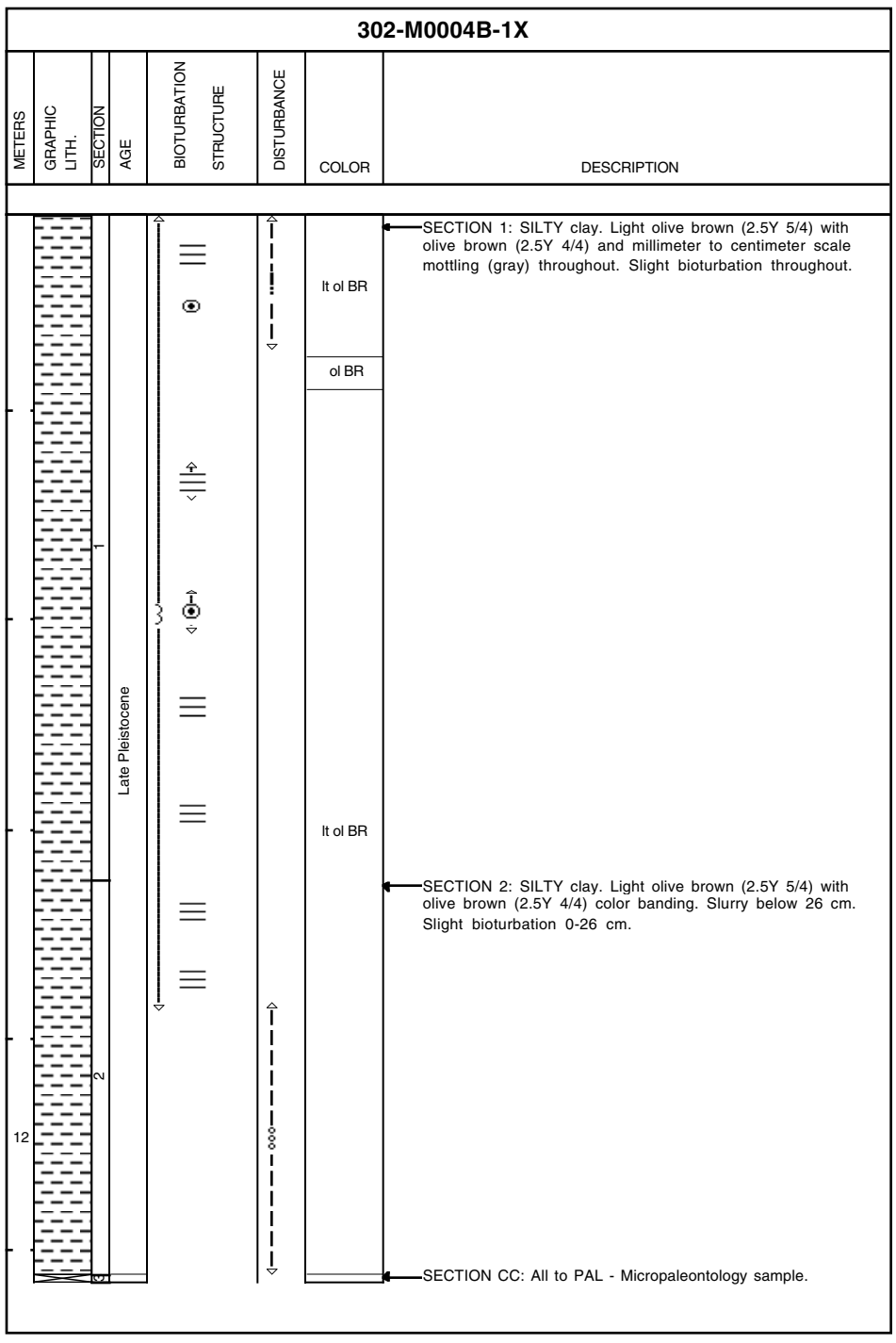
Core Photo


302-M0004A-41X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
1
2
Late Cretaceous
dk ol GY
SECTION 1: CLAYEY mud, homogenous. Dark olive gray (5Y 3/2). 0-6 cm very disturbed. 23-28 cm bands, very dark gray (5Y 3/1), clayey mud. Submillimeter-scale pyrite concretions.
SECTION CC: CLAYEY mud. Dark olive gray (5Y 3/2). Very disturbed.
5 cm WR to PAL - Micropaleontology sample.

Core Photo

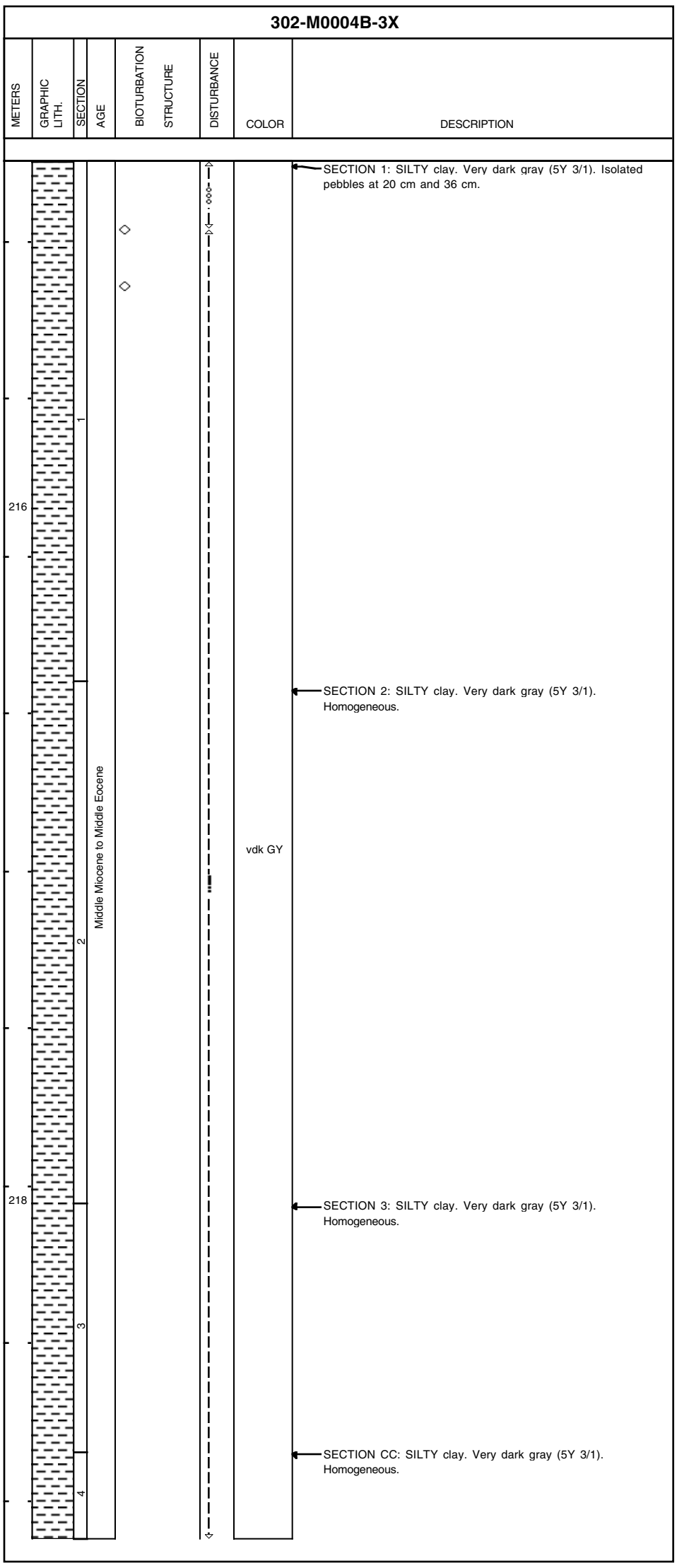

302-M0004A-42X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
1
2
Late Cretaceous
vdk GY
SECTION 1: SILTY clay. Very distrubed. Submillimeter-scale pyrite concretions. Centimeter-scale pyrite concretions. Centimeter-size gravel at 8 cm.
SECTION CC: CLAYEY mud.
0-10 cm: Homogenous. Very dark gray (5Y 3/1).
10-20 cm: SILTY sand. Homogenous. Very dark gray (5Y 3/1).
CC split and w-half to PAL - Micropaleontology sample.

Core Photo



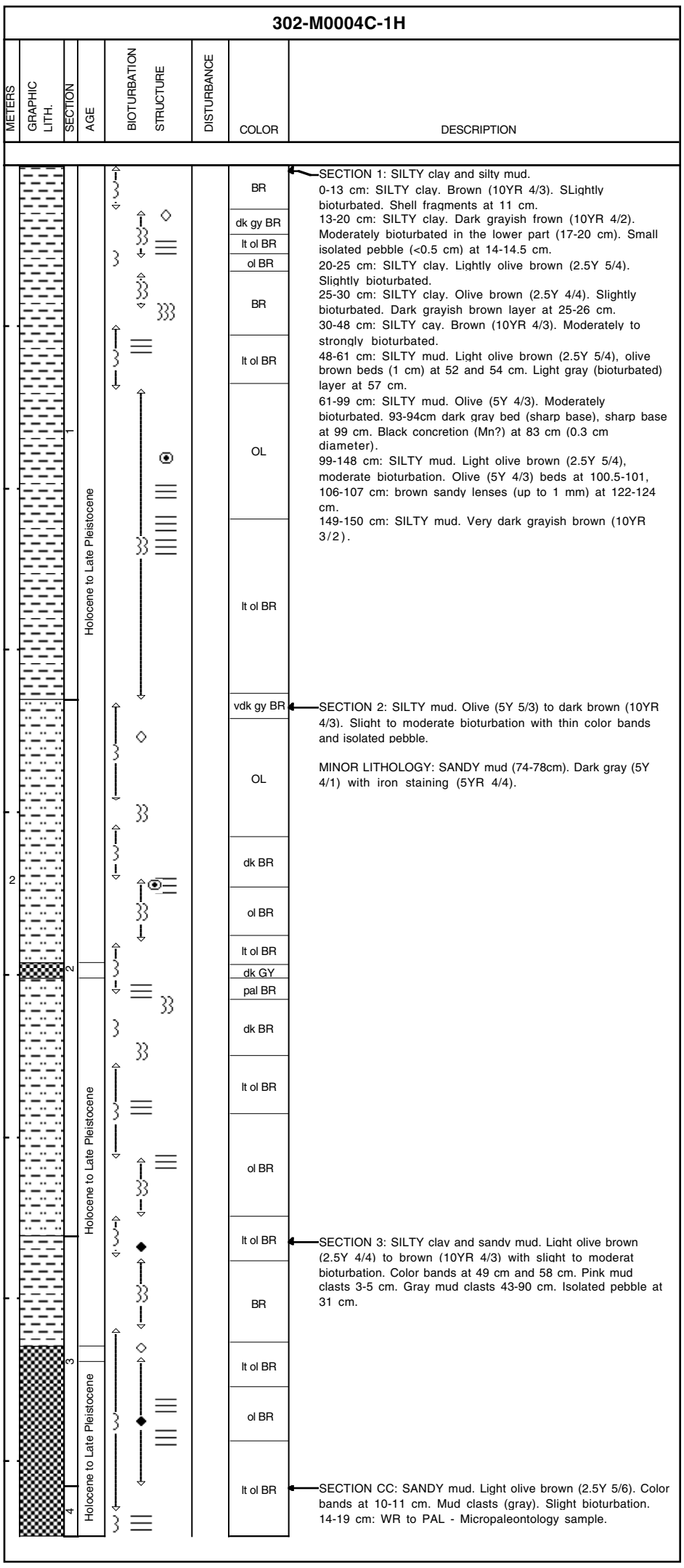
M0004B-2W Entire core taken for IW sample

Core Photo

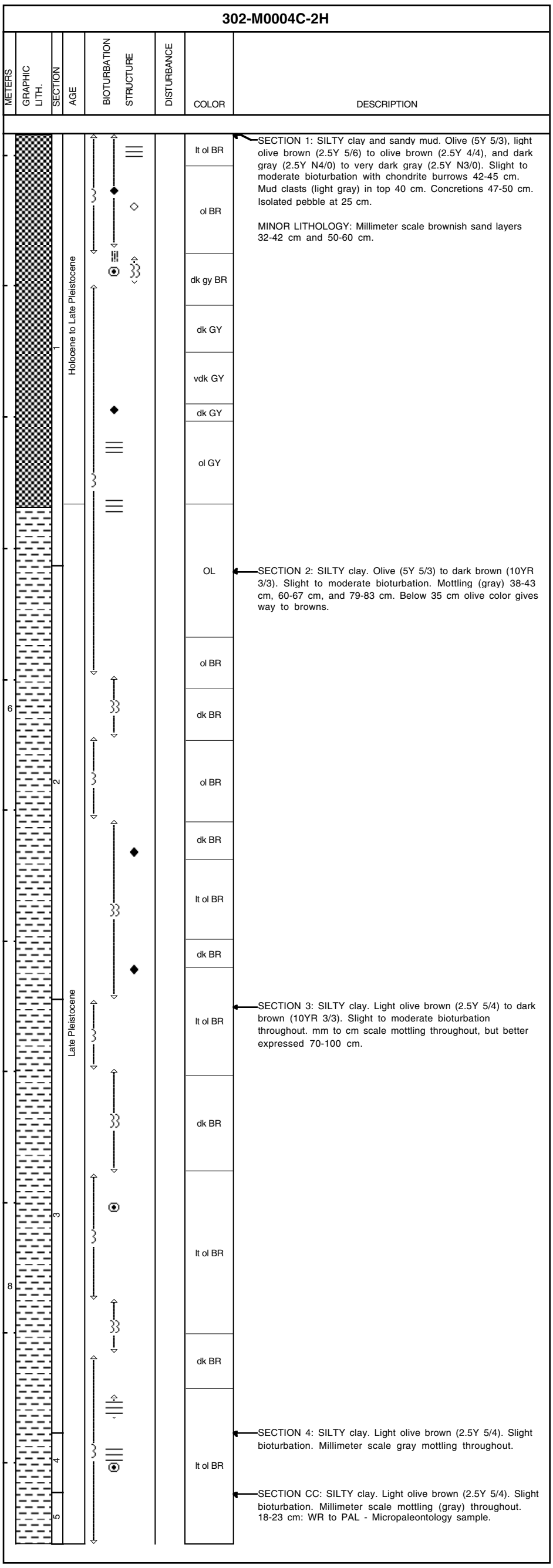


M0004B-4X No Recovery

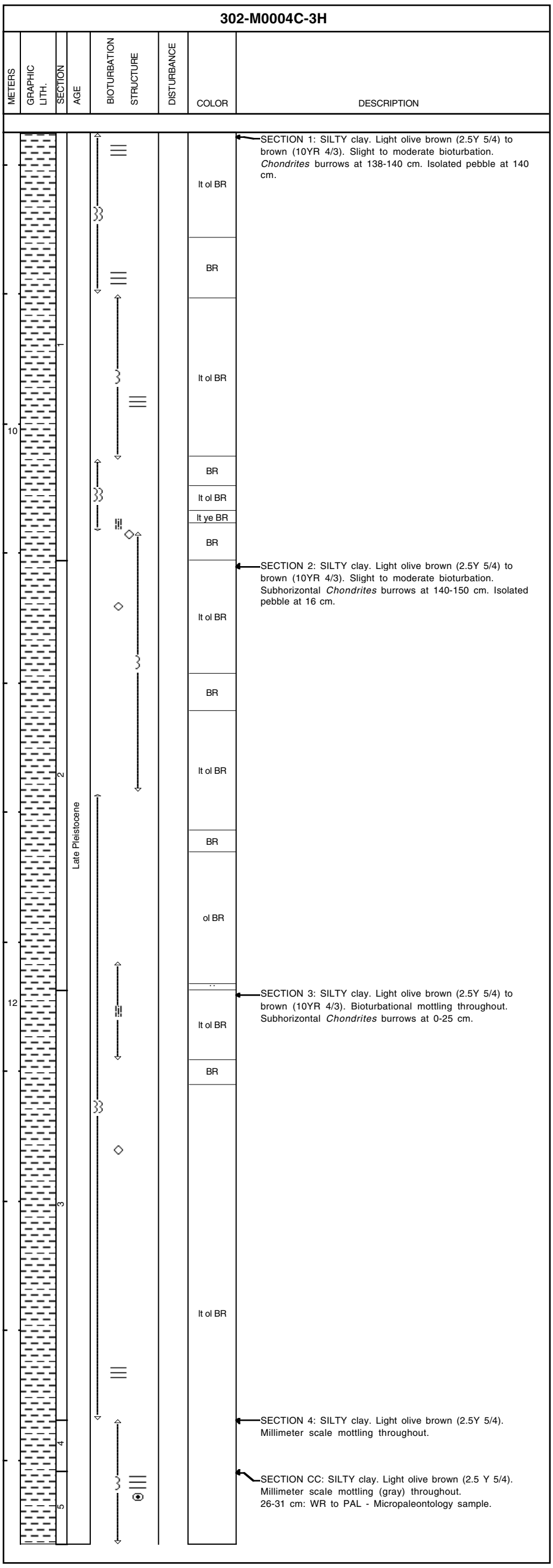
Core Photo


302-M0004C-1H
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
Holocene to Late Pleistocene
SECTION 1: SILTY clay and silty mud.
0-13 cm: SILTY clay. Brown (10YR 4/3). SLightly bioturbated. Shell fragments at 11 cm.
13-20 cm: SILTY clay. Dark grayish frown (10YR 4/2). Moderately bioturbated in the lower part (17-20 cm). Small isolated pebble (<0.5 cm) at 14-14.5 cm.
20-25 cm: SILTY clay. Lightly olive brown (2.5Y 5/4). Slightly bioturbated.
25-30 cm: SILTY clay. Olive brown (2.5Y 4/4). Slightly bioturbated. Dark grayish brown layer at 25-26 cm.
30-48 cm: SILTY cay. Brown (10YR 4/3). Moderately to strongly bioturbated.
48-61 cm: SILTY mud. Light olive brown (2.5Y 5/4), olive brown beds (1 cm) at 52 and 54 cm. Light gray (bioturbated) layer at 57 cm.
61-99 cm: SILTY mud. Olive (5Y 4/3). Moderately bioturbated. 93-94cm dark gray bed (sharp base), sharp base at 99 cm. Black concretion (Mn?) at 83 cm (0.3 cm diameter).
99-148 cm: SILTY mud. Light olive brown (2.5Y 5/4), moderate bioturbation. Olive (5Y 4/3) beds at 100.5-101, 106-107 cm: brown sandy lenses (up to 1 mm) at 122-124 cm.
149-150 cm: SILTY mud. Very dark grayish brown (10YR 3/2).
SECTION 2: SILTY mud. Olive (5Y 5/3) to dark brown (10YR 4/3). Slight to moderate bioturbation with thin color bands and isolated pebble.
MINOR LITHOLOGY: SANDY mud (74-78cm). Dark gray (5Y 4/1) with iron staining (5YR 4/4).
SECTION 3: SILTY clay and sandy mud. Light olive brown (2.5Y 4/4) to brown (10YR 4/3) with slight to moderat bioturbation. Color bands at 49 cm and 58 cm. Pink mud clasts 3-5 cm. Gray mud clasts 43-90 cm. Isolated pebble at 31 cm.
SECTION CC: SANDY mud. Light olive brown (2.5Y 5/6). Color bands at 10-11 cm. Mud clasts (gray). Slight bioturbation.
14-19 cm: WR to PAL - Micropaleontology sample.

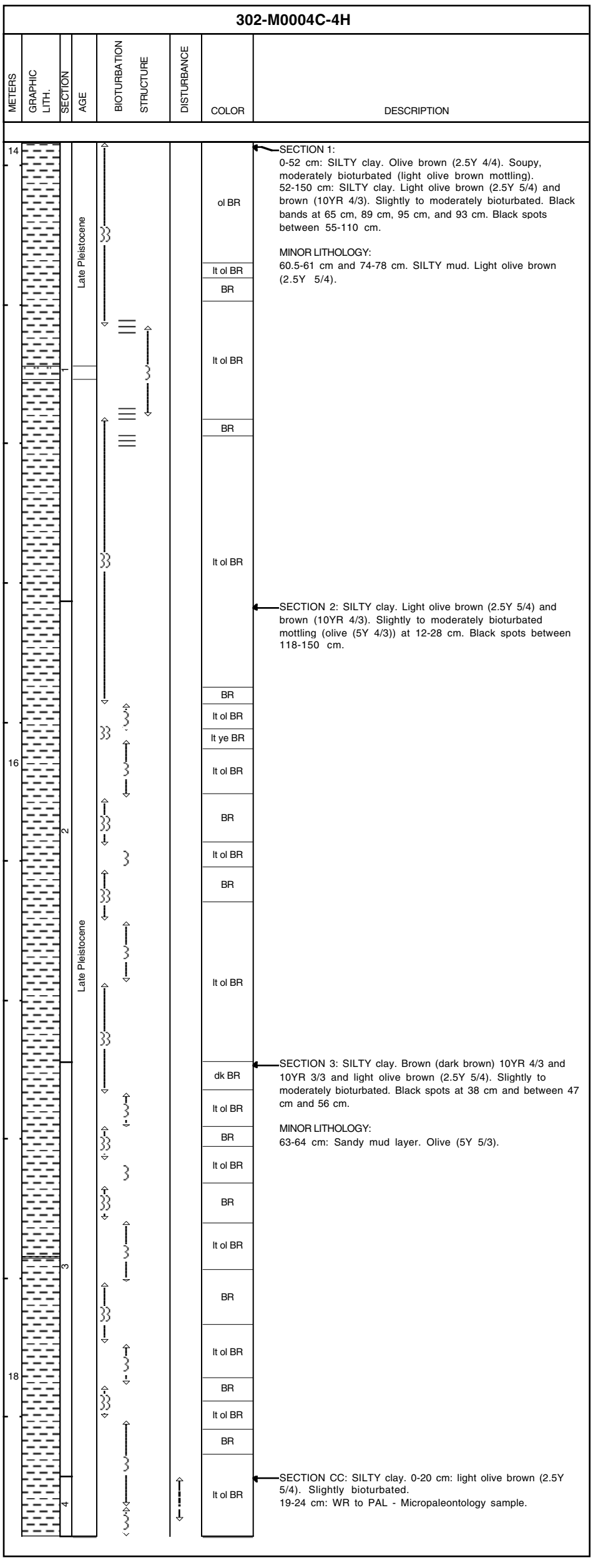
Core Photo


302-M0004C-2H
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
Holocene to Late Pleistocene
Late Pleistocene
1
2
3
4
5
6
8
lt ol BR
ol BR
dk gy BR
dk GY
vdk GY
dk GY
ol GY
OL
ol BR
dk BR
ol BR
dk BR
lt ol BR
dk BR
lt ol BR
dk BR
lt ol BR
dk BR
lt ol BR
SECTION 1: SILTY clay and sandy mud. Olive (5Y 5/3), light olive brown (2.5Y 5/6) to olive brown (2.5Y 4/4), and dark gray (2.5Y N4/0) to very dark gray (2.5Y N3/0). Slight to moderate bioturbation with chondrite burrows 42-45 cm. Mud clasts (light gray) in top 40 cm. Concretions 47-50 cm. Isolated pebble at 25 cm.
MINOR LITHOLOGY: Millimeter scale brownish sand layers 32-42 cm and 50-60 cm.
SECTION 2: SILTY clay. Olive (5Y 5/3) to dark brown (10YR 3/3). Slight to moderate bioturbation. Mottling (gray) 38-43 cm, 60-67 cm, and 79-83 cm. Below 35 cm olive color gives way to browns.
SECTION 3: SILTY clay. Light olive brown (2.5Y 5/4) to dark brown (10YR 3/3). Slight to moderate bioturbation throughout. mm to cm scale mottling throughout, but better expressed 70-100 cm.
SECTION 4: SILTY clay. Light olive brown (2.5Y 5/4). Slight bioturbation. Millimeter scale gray mottling throughout.
SECTION CC: SILTY clay. Light olive brown (2.5Y 5/4). Slight bioturbation. Millimeter scale mottling (gray) throughout. 18-23 cm: WR to PAL - Micropaleontology sample.

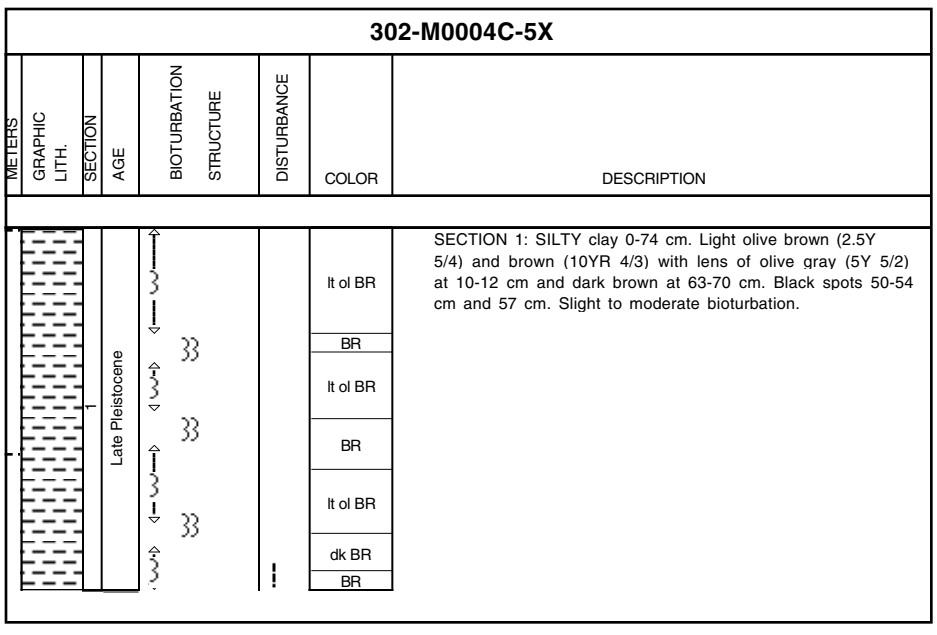
Core Photo


302-M0004C-3H
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
10
12
1
2
3
4
5
Late Pleistocene
lt ol BR
BR
lt ol BR
BR
lt ye BR
BR
lt ol BR
BR
lt ol BR
BR
ol BR
lt ol BR
BR
lt ol BR
SECTION 1: SILTY clay. Light olive brown (2.5Y 5/4) to brown (10YR 4/3). Slight to moderate bioturbation. Chondrites burrows at 138-140 cm. Isolated pebble at 140 cm.
SECTION 2: SILTY clay. Light olive brown (2.5Y 5/4) to brown (10YR 4/3). Slight to moderate bioturbation. Subhorizontal Chondrites burrows at 140-150 cm. Isolated pebble at 16 cm.
SECTION 3: SILTY clay. Light olive brown (2.5Y 5/4) to brown (10YR 4/3). Bioturbational mottling throughout. Subhorizontal Chondrites burrows at 0-25 cm.
SECTION 4: SILTY clay. Light olive brown (2.5Y 5/4). Millimeter scale mottling throughout.
SECTION CC: SILTY clay. Light olive brown (2.5 Y 5/4). Millimeter scale mottling (gray) throughout.
26-31 cm: WR to PAL - Micropaleontology sample.

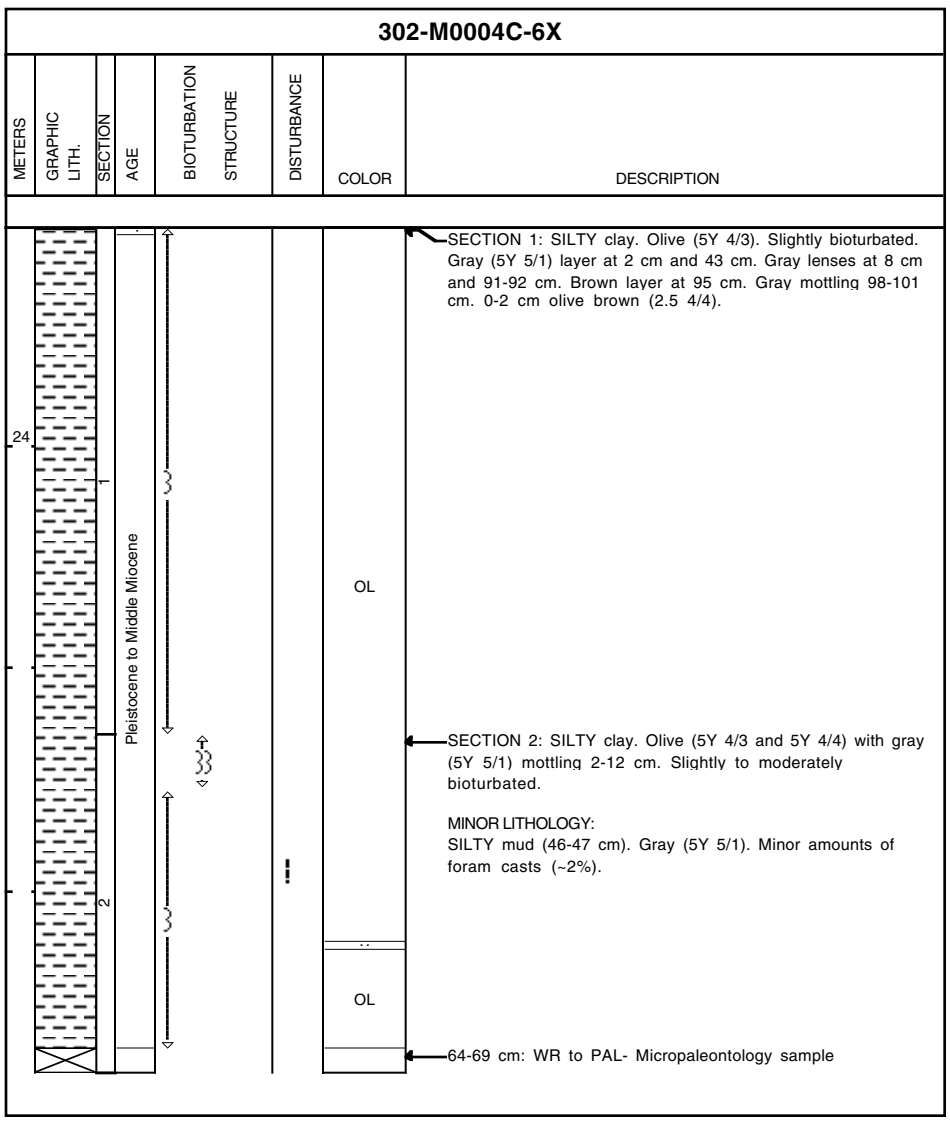
Core Photo


302-M0004C-4H
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
14
16
18
1
2
3
4
Late Pleistocene
Late Pleistocene
ol BR
lt ol BR
BR
lt ol BR
BR
lt ol BR
BR
lt ye BR
lt ol BR
BR
lt ol BR
BR
lt ol BR
dk BR
lt ol BR
BR
lt ol BR
BR
lt ol BR
BR
lt ol BR
BR
lt ol BR
SECTION 1:
0-52 cm: SILTY clay. Olive brown (2.5Y 4/4). Soupy, moderately bioturbated (light olive brown mottling).
52-150 cm: SILTY clay. Light olive brown (2.5Y 5/4) and brown (10YR 4/3). Slightly to moderately bioturbated. Black bands at 65 cm, 89 cm, 95 cm, and 93 cm. Black spots between 55-110 cm.
MINOR LITHOLOGY:
60.5-61 cm and 74-78 cm. SILTY mud. Light olive brown (2.5Y 5/4).
SECTION 2: SILTY clay. Light olive brown (2.5Y 5/4) and brown (10YR 4/3). Slightly to moderately bioturbated mottling (olive (5Y 4/3)) at 12-28 cm. Black spots between 118-150 cm.
SECTION 3: SILTY clay. Brown (dark brown) 10YR 4/3 and 10YR 3/3 and light olive brown (2.5Y 5/4). Slightly to moderately bioturbated. Black spots at 38 cm and between 47 cm and 56 cm.
MINOR LITHOLOGY:
63-64 cm: Sandy mud layer. Olive (5Y 5/3).
SECTION CC: SILTY clay. 0-20 cm: light olive brown (2.5Y 5/4). Slightly bioturbated.
19-24 cm: WR to PAL - Micropaleontology sample.

Core Photo

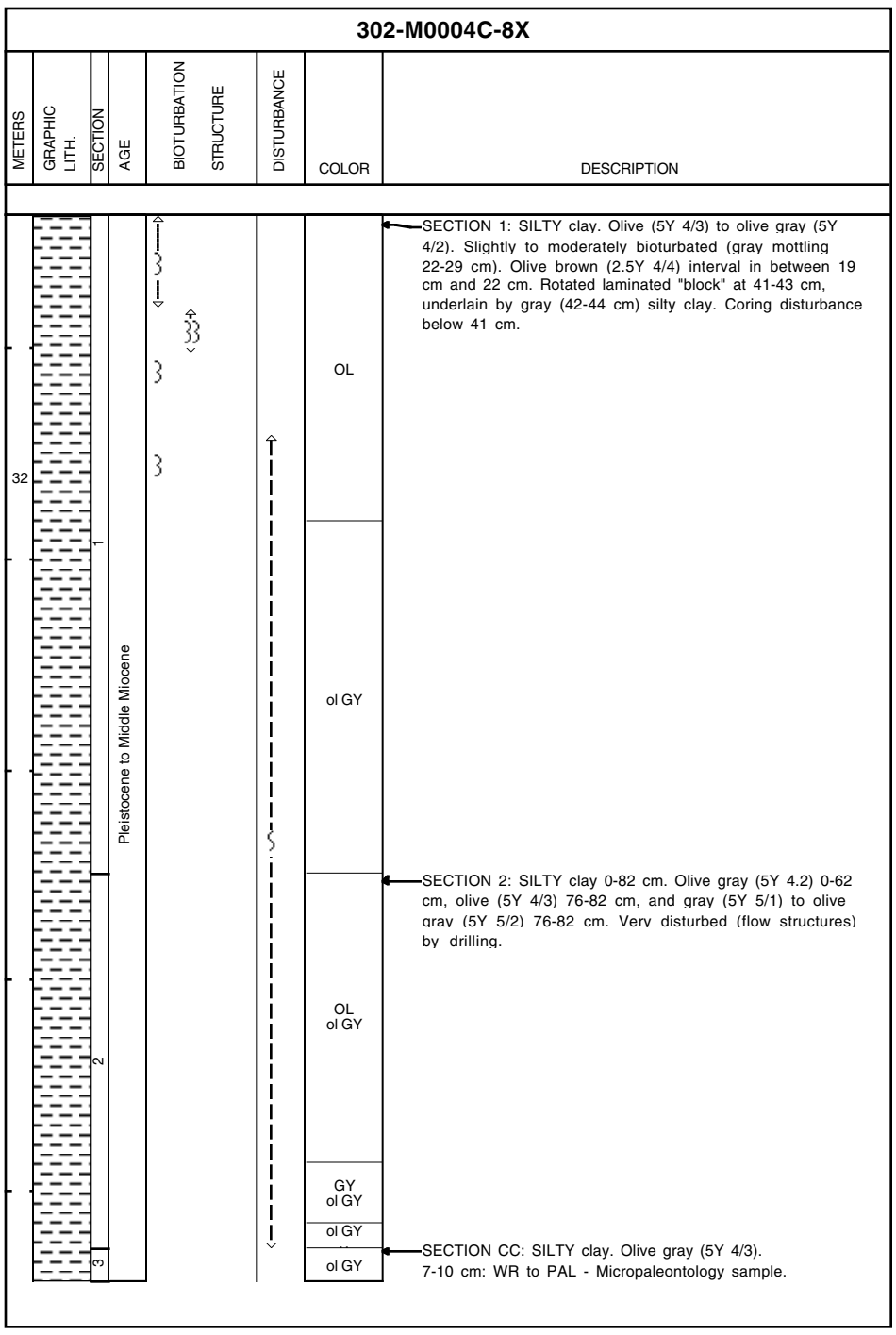

302-M0004C-5X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION
STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
1
Late Pleistocene
lt ol BR
BR
lt ol BR
BR
lt ol BR
dk BR
BR
SECTION 1: SILTY clay 0-74 cm. Light olive brown (2.5Y 5/4) and brown (10YR 4/3) with lens of olive gray (5Y 5/2) at 10-12 cm and dark brown at 63-70 cm. Black spots 50-54 cm and 57 cm. Slight to moderate bioturbation.

Core Photo

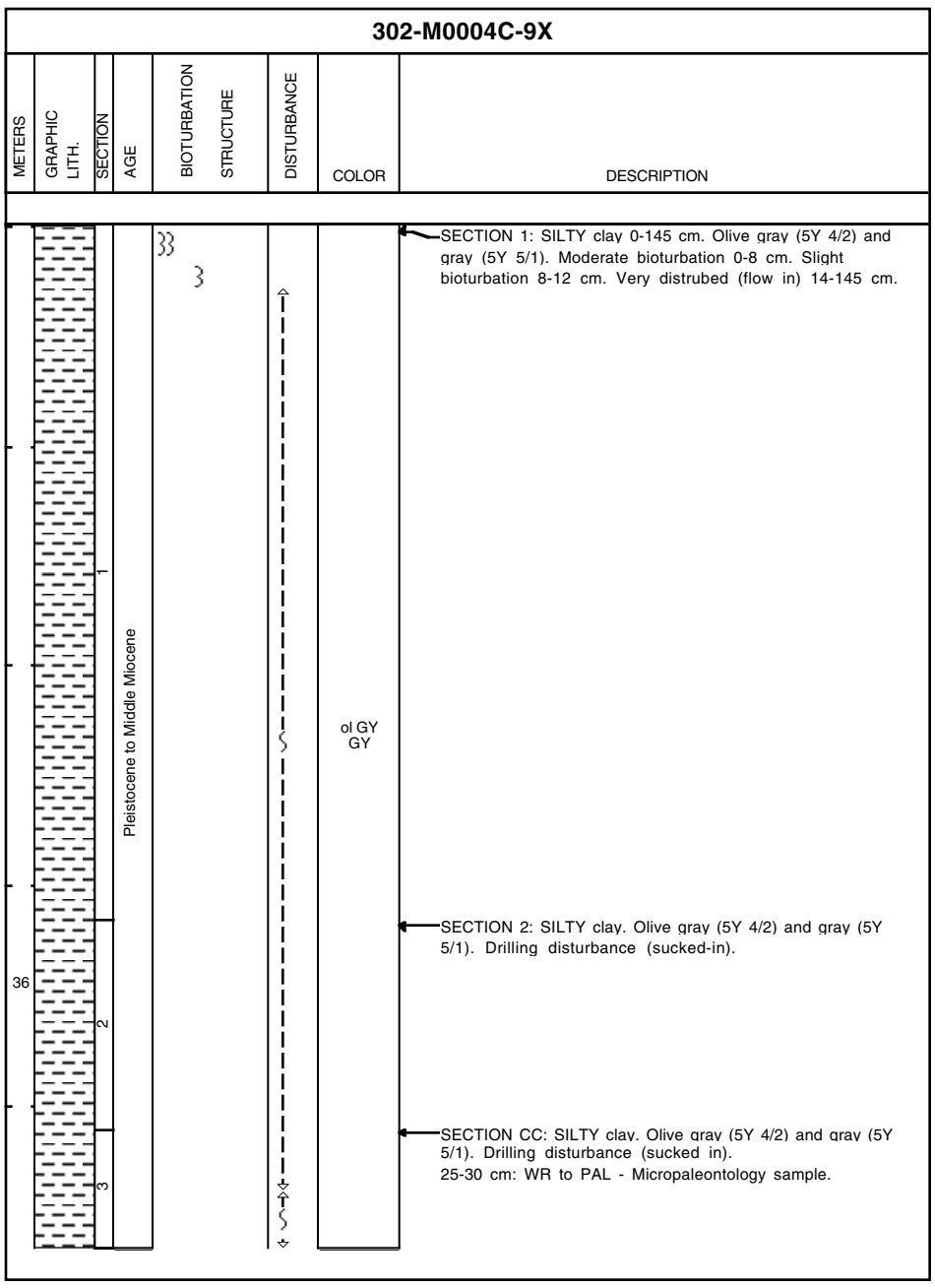


M0004C-7X No Recovery

Core Photo


302-M0004C-8X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
32
1
2
3
4
Pleistocene to Middle Miocene
SECTION 1: SILTY clay. Olive (5Y 4/3) to olive gray (5Y 4/2). Slightly to moderately bioturbated (gray mottling 22-29 cm). Olive brown (2.5Y 4/4) interval in between 19 cm and 22 cm. Rotated laminated "block" at 41-43 cm, underlain by gray (42-44 cm) silty clay. Coring disturbance below 41 cm.
OL
ol GY
SECTION 2: SILTY clay 0-82 cm. Olive gray (5Y 4.2) 0-62 cm, olive (5Y 4/3) 76-82 cm, and gray (5Y 5/1) to olive gray (5Y 5/2) 76-82 cm. Very disturbed (flow structures) by drilling.
OL
ol GY
GY
ol GY
ol GY
ol GY
SECTION CC: SILTY clay. Olive gray (5Y 4/3).
7-10 cm: WR to PAL - Micropaleontology sample.

Core Photo


302-M0004C-9X
METERS
GRAPHIC LITH.
SECTION
AGE
BIOTURBATION STRUCTURE
DISTURBANCE
COLOR
DESCRIPTION
36
1
2
3
Pleistocene to Middle Miocene
ol GY
GY
SECTION 1: SILTY clay 0-145 cm. Olive gray (5Y 4/2) and gray (5Y 5/1). Moderate bioturbation 0-8 cm. Slight bioturbation 8-12 cm. Very distrubed (flow in) 14-145 cm.
SECTION 2: SILTY clay. Olive gray (5Y 4/2) and gray (5Y 5/1). Drilling disturbance (sucked-in).
SECTION CC: SILTY clay. Olive gray (5Y 4/2) and gray (5Y 5/1). Drilling disturbance (sucked in).
25-30 cm: WR to PAL - Micropaleontology sample.

Core	Section	Smear slide	Top interval	Bottom interval	Top depth	Top depth MCD	Lithology	Sand	Silt	Clay	Accessories	Brownish undefinable	Clay	Feldspar	Inorganic calcite	Mica	Opaques	Others	Glauconite	Pyrite	Quartz	Siderite	Siliceous matrix	Unidentified mineral	Volcanic glass	Diatoms	Biosilica matrix	Silicoflagellates	Foraminifers	Organic microfossils	Ebridians	Nannofossils	Comments	Hole ID	Biogenic Silica	Biogenic Carbonate	Organics
Hole M0002A																																				
1	1	1	5	5	0.05	1.27	D	7	25	68	2	0	68	7	0	3	2	0	0	0	15	0	0	0	0	0	0	0	3	0	0	0		302M0002A	0	3	0
1	2	1	12	12	1.31	2.53	M	40	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
1	2	2	10	23	1.29	2.51	M	40	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
2	1	1	10	10	1.6	1.98	D	15	25	60	3	0	60	15	0	2	3	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	brown	302M0002A	0	0	0
2	1	2	48	48	1.98	2.36	D	10	20	70	3	0	70	7	0	1	3	0	0	0	15	0	0	0	1	0	0	0	0	0	0	0		302M0002A	0	0	0
2	1	3	55	55	2.05	2.43	D	5	15	80	2	0	80	6	0	1	1	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	olive	302M0002A	0	0	0
3	1	1	69	69	7.19	10.26	D	5	20	75	2	0	75	6	0	1	1	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	olive	302M0002A	0	0	0
4	1	1	87	67	12.37	10.5	M	40	30	30	22	55	22	77	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
4	3	1	60	60	15.1	13.23	D	7	25	68	2	0	68	11	0	2	1	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
4	4	1	48	48	16.48	14.61	D	5	20	75	2	0	75	10	0	1	1	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
5	1	1	120	120	17.7	22.33	D	7	20	73	3	0	73	8	0	4	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
5	1	2	60	60	17.1	21.73	D	3	20	77	2	0	77	8	0	1	1	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
5	2	1	48	48	18.49	23.12	D	7	30	63	3	0	63	13	0	2	2	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
6	1	1	39	39	21.89	26.52	D	3	20	77	1	0	77	7	0	1	3	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
6	1	2	133	133	22.83	27.46	D	25	25	50	3	0	50	7	0	0	10	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
6	2	1	41	41	23.28	27.91	D	3	30	67	5	0	67	10	0	1	1	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
7	2	1	26	26	28.26	32.89	D	3	30	67	3	0	67	7	0	1	7	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
7	2	2	59	59	28.59	33.22	D	3	20	77	3	0	77	10	0	1	2	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
7	2	3	100	100	29	33.63	D	1	30	69	3	0	69	5	0	3	3	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
8	2	1	60	60	33.1	37.73	D	7	20	73	3	0	73	10	0	3	1	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
8	2	2	81	81	33.31	37.94	D	2	20	78	2	0	78	7	0	2	1	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
9	1	1	3	3	36.03	40.1	D	1	10	89	1	0	89	4	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
9	1	2	53	53	36.53	40.6	D	5	25	70	2	0	70	7	0	1	2	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
9	1	3	117	117	37.17	41.24	D	3	25	72	2	0	72	7	0	1	1	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
10	3	1	15	15	44.15	47.72	D	7	20	73	2	0	73	8	0	1	1	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
11	1	1	70	70	46.7	49.15	D	3	25	72	3	0	72	6	0	0	2	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	olive	302M0002A	0	0	0
11	1	2	138	138	47.38	49.83	D	40	40	20	5	0	20	10	0	0	2	0	0	0	63	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
11	2	1	50	50	47.99	50.44	D	10	20	70	3	0	70	8	0	0	1	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
11	2	2	126	126	48.75	51.2	D	10	20	70	2	0	70	7	0	0	1	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
11	3	1	30	30	49.3	51.75	D	10	25	65	4	0	65	13	0	0	2	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
12	2	1	60	60	52.12	55.12	D	15	25	60	4	0	60	10	0	0	4	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
12	3	1	65	65	53.17	56.17	D	25	15	60	3	0	60	7	0	0	2	0	0	0	13	15	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
13	1	1	12	12	55.12	58.12	D	20	25	55	2	0	55	12	0	3	3	0	0	0	15	10	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
14	1	1	90	90	60.9	60.9	D	10	25	65	4	0	65	10	1	1	3	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
14	2	1	40	40	61.91	61.91	D	15	25	60	4	0	60	10	0	2	3	0	0	0	20	0	0	0	1	0	0	0	0	0	0	0		302M0002A	0	0	0
14	2	2	66	66	62.17	62.17	D	80	20	0	0	0	0	38	0	2	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
14	3	1	56	56	63.07	63.07	D	70	30	0	5	0	0	38	0	2	0	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
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16	2	1	110	110	71.6	72	D	5	25	70	3	0	70	8	0	1	2	0	0	0	15	0	0	0	1	0	0	0	0	0	0	0		302M0002A	0	0	0
17	1	1	40	40	74.4	74.4	D	3	25	72	4	0	72	9	0	0	1	0	0	0	13	0	0	0	1	0	0	0	0	0	0	0		302M0002A	0	0	0
17	2	1	12	12	75.63	75.63	D	7	30	63	1	0	63	12	0	0	2	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
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20	1	1	50	50	86.7	86.7	D	10	25	65	2	0	65	10	0	1	3	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
20	2	1	100	100	88.71	88.71	D	5	30	65	2	0	65	12	0	0	3	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
21	2	1	50	50	93.21	93.21	D	7	25	68	2	0	68	8	0	0	2	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
21	3	1	30	30	94.52	94.52	D	10	35	55	2	0	55	17	0	2	2	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
22	1	1	16	16	96.36	96.36	D	3	40	57	12	0	57	15	0	1	3	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
23	1	1	91	91	102.11	102.11	D	1	20	79	3	0	79	7	0	1	1	0	0	0	8	0	0	0	1	0	0	0	0	0	0	0		302M0002A	0	0	0
24	3	1	86	86	110.06	110.06	D	5	30	65	1	0	65	7	0	1	1	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
25	1	1	52	52	110.72	111.22	D	5	25	70	1	0	70	10	0	1	2	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
25	3	1	58	58	113.8	114.3	D	5	25	70	1	0	70	7	0	1	5	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
26	2	1	9	9	116.79	116.79	D	15	30	55	2	0	55	7	0	1	5	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
26	2	2	56	56	117.26	117.26	D	7	15	78	2	0	78	3	0	2	3	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
27	2	1	89	89	122.59	122.59	D	3	20	77	1	0	77	7	0	1	2	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
27	2	2	138	138	123.08	123.08	D	2	30	68	3	0	68	4	0	1	5	0	0	0	16	3	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
27	3	1	24	24	123.45	123.45	D	7	20	73	1	0	73	7	0	1	3	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
29	1	1	48	48	128.68	128.68	D	7	20	73	1	0	73	7	0	1	3	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
29	1	2	111	111	129.31	129.31	D	3	15	82	1	0	82	2	0	0	1	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
29	1	3	147	147	129.67	129.67	D	3	15	82	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	This sample was collected from the tube of a mud pipe.	302M0002A	0	0	0
29	1	4	147	147	129.67	129.67	D	7	15	78	1	0	78	2	0	2	1	0	0	0	10	6	0	0	0	0	0	0	0	0	0	0	Taken from inside a tube-like mud pipe	302M0002A	0	0	0
29	3	1	56	56	131.76	131.76	D	2	20	78	3	0	78	2	0	1	5	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	Contains small(0.1-0.4 mm) concretions	302M0002A	0	0	0
29	3	2	76	76	131.96	131.96	D	3	7	90	1	0	90	3	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
30	1	1	91	91	134.11	134.11	D	3	20	77	1	0	77	6	0	1	2	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
30	2	1	41	41	135.12	135.12	D	10	20	70	2	0	70	8	0	2	0	0	0	0	16	2	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
32	1	1	88	88	140.58	140.58	D	10	15	75	2	0	75	5	0	1	1	0	0	0	14	2	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
32	1	2	35	35	140.05	140.05	D	2	15	83	1	0	83	6	0	0	2	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
32	2	1	123	123	142.43	142.43	D	3	15	82	1	0	82	4	0	3	1	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
32	2	2	16	16	141.36	141.36	D	20	25	55	2	0	55	8	0	3	3	0	0	0	14	15	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
32	3	1	28	28	142.99	142.99	D	10	20	70	1	0	70	4	0	3	3	0	0	0	12	7	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
33	2	1	54	54	146.25	147.05	D	5	25	70	1	0	70	9	0	1	2	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
33	2	2	120	120	146.91	147.71	D	10	25	65	2	0	65	9	0	1	3	0	0	0	15	5	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
33	3	1	34	34	147.57	148.37	D	3	20	77	1	0	77	7	0	1	1	0	0	0	10	3	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
34	2	1	30	30	150.8	150.8	D	7	20	73	2	0	73	8	0	2	3	0	0	0	11	1	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
34	2	2	85	85	151.35	151.35	D	7	25	68	3	0	68	8	0	4	2	0	0	0	13	2	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0

Core	Section	Smear slide	Top interval	Bottom interval	Top depth	Top depth MCD	Lithology	Sand	Silt	Clay	Accessories	Brownish undefinable	Clay	Feldspar	Inorganic calcite	Mica	Opaques	Others	Glauconite	Pyrite	Quartz	Siderite	Siliceous matrix	Unidentified mineral	Volcanic glass	Diatoms	Biosilica matrix	Silicoflagellates	Foraminifers	Organic microfossils	Ebridians	Nannofossils	Comments	Hole ID	Biogenic Silica	Biogenic Carbonate	Organics
Hole M0002A (continued)																																				
35	2	1	60	60	154.87	154.87	D	5	25	70	1	0	70	12	0	1	2	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
35	4	1	40	40	157.67	157.67	D	15	25	60	4	0	60	13	0	1	3	0	0	0	18	1	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
35	5	1	40	40	159.19	159.19	D	7	25	68	2	0	68	8	0	2	3	0	0	0	14	3	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
37	1	1	70	70	164.2	163.2	D	5	20	75	1	0	75	7	0	2	1	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
37	3	1	20	20	166.72	165.72	D	7	20	73	2	0	73	8	0	1	1	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
38	1	1	11	11	166.61	166.61	D	7	60	33	3	35	33	9	0	3	2	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
38	2	1	60	60	167.49	167.49	D	3	20	77	2	0	77	8	0	2	1	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
38	3	1	10	10	168.18	168.18	D	10	30	60	4	0	60	14	0	3	1	0	0	0	18	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
38	3	2	60	60	168.68	168.68	D	10	20	70	2	0	70	8	0	2	1	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
38	4	1	100	100	170.59	170.59	M	50	30	20	5	7	20	18	0	2	1	0	0	0	47	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
38	4	2	90	90	170.49	170.49	D	5	15	80	1	2	80	8	0	0	1	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
39	1	1	70	70	171.38	172.58	D	7	20	73	1	3	73	8	0	1	1	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
39	2	1	0	0	171.48	172.68	D	1	10	89	1	0	89	4	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
40	2	1	60	60	175.18	175.18	D	7	15	78	2	2	78	6	0	1	1	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
40	3	1	100	100	177.09	177.09	D	12	25	63	1	5	63	9	0	2	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
40	5	1	10	10	178.34	178.34	D	7	15	78	1	0	78	9	0	1	1	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	Minerals are covered by something.	302M0002A	0	0	0
41	1	1	5	5	178.63	178.63	D	7	20	73	2	0	73	10	0	1	2	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	Minerals are covered by something.	302M0002A	0	0	0
41	1	2	13	13	178.71	178.71	D	3	15	82	0	0	82	5	0	1	1	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
42	1	1	42	42	182.91	182.91	D	5	20	75	1	0	75	9	0	1	1	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
42	4	1	12	12	187.12	187.12	D	3	25	72	1	0	72	10	0	0	1	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
43	1	1	22	22	187.71	187.71	D	2	20	78	2	2	78	7	0	2	1	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
43	2	1	22	22	189.2	189.2	D	2	15	83	1	0	83	6	0	1	1	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
44	1	1	100	100	192.99	192.99	D	5	15	80	2	0	80	7	0	0	1	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
44	1	2	5	5	192.04	192.04	D	5	15	80	2	0	80	7	0	0	1	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
44	1	3	60	60	192.59	192.59	D	5	15	80	1	0	80	7	0	1	1	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
44	2	1	60	60	194.09	194.09	D	5	15	80	2	0	80	8	0	0	3	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
44	3	1	30	30	195.3	195.3	D	3	12	85	1	0	85	6	0	0	1	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
44	4	1	10	10	195.83	195.83	D	3	20	77	1	0	77	15	0	0	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
45	1	1	22.8	22.8	196.158	196.158	D	5	15	80	1	0	80	10	0	0	1	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
45	1	2	24.7	24.7	196.177	196.177	D	12	15	73	1	0	73	8	0	1	1	0	0	5	11	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
45	1	3	26.1	26.1	196.191	196.191	M	25	15	60	3	0	60	10	0	2	1	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
45	1	4	27	27	196.2	196.2	M	5	10	85	1	0	85	4	0	1	1	3	0	0	5	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
45	1	5	27.8	27.8	196.208	196.208	D	5	30	65	1	0	15	2	0	0	1	78	0	0	3	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
45	1	6	28.6	28.6	196.216	196.216	M	12	10	78	1	0	78	7	0	1	2	0	0	0	8	0	0	3	0	0	0	0	3	0	0	0		302M0002A	0	3	0
45	1	7	72	72	196.65	196.65	D	5	20	75	1	0	76	7	0	0	1	0	0	0	8	0	0	0	0	0	0	0	0	7	0	0		302M0002A	0	0	7
45	1	8	74.5	74.5	196.675	196.675	D	3	20	77	0	0	77	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	19	0	0		302M0002A	0	0	19
46	1	1	59	59	197.59	198.22	D	7	25	68	1	0	68	10	0	0	1	0	0	0	15	0	0	0	0	0	0	0	0	5	0	0		302M0002A	0	0	5
46	1	2	111	111	198.11	198.74	D	5	25	70	1	0	70	13	0	0	2	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
46	2	1	44	44	198.94	199.57	D	60	30	10	0	0	10	2	0	0	0	0	83	3	2	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
46	2	2	51	51	199.01	199.64	D	0	15	85	0	0	85	0	0	0	0	0	0	15	3	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
47	1	1	20	20	202.2	201.7	D	0	60	40	0	0	40	1	0	0	0	0	0	5	4	0	0	51	0	0	0	0	0	2	0	0		302M0002A	0	0	2
47	5	1	30	30	207.09	206.59	D	3	25	72	0	0	72	2	0	0	0	0	0	20	3	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
48	3	1	51	51	209.02	210.22	D	2	28	70	0	0	70	2	0	0	0	0	0	17	3	0	0	0	0	5	0	1	0	2	0	0		302M0002A	6	0	2
49	2	1	82	82	210.97	213.35	D	10	23	67	0	0	67	2	0	0	0	0	0	20	3	0	0	0	0	2	0	3	0	0	3	0		302M0002A	8	0	0
49	4	1	50	50	213.66	216.04	D	5	22	73	0	0	73	2	0	0	0	0	0	15	5	0	0	0	0	2	0	0	0	5	0	0		302M0002A	2	0	5
49	5	1	48	48	215.15	217.53	D	3	20	77	1	0	77	4	0	0	0	0	0	5	5	0	0	0	0	4	0	0	0	0	4	0		302M0002A	8	0	0
50	2	1	58	58	217.09	220.03	D	5	16	79	0	0	79	5	0	0	0	0	0	7	5	0	0	0	0	2	0	0	0	0	2	0		302M0002A	4	0	0
51	1	1	25	25	218.99	220.49	D	3	17	80	0	0	83	5	0	0	0	0	0	7	4	0	0	0	0	0	0	0	0	0	0	0		302M0002A	0	0	0
51	2	1	15	15	220.4	221.9	D	10	70	20	0	0	10	4	0	0	0	0	0	2	1	0	0	0	0	63	10	7	0	0	0	0		302M0002A	70	0	0
52	1	1	90	90	221.84	224.04	D	20	70	10	0	0	5	1	0	0	0	0	0	2	1	0	0	0	0	83	5	3	0	0	0	0		302M0002A	86	0	0
52	2	2	16	16	222.61	224.81	D	20	70	10	0	0	2	1	0	0	0	0	0	2	2	0	0	0	0	83	8	3	0	0	0	0	black laminae	302M0002A	86	0	0
52	2	3	16	16	222.61	224.81	D	20	70	10	0	0	5	2	0	0	0	0	0	2	1	0	0	0	0	81	5	3	0	0	0	0	white laminae	302M0002A	84	0	0
53	1	1	100	100	226	226	D	25	65	10	0	0	5	1	0	0	0	0	0	2	1	0	0	0	0	83	5	3	0	0	0	0		302M0002A	86	0	0
53	2	1	37	37	226.89	226.89	D	25	65	10	0	0	2	1	0	0	0	0	0	2	2	0	0	0	0	81	8	5	0	0	0	0		302M0002A	86	0	0
53	3	1	100	100	229.02	229.02	D	15	65	20	0	0	15	2	0	0	0	0	1	2	1	0	0	0	0	69	5	5	0	0	0	0		302M0002A	74	0	0
54	1	1	30	30	230.3	230.5	D	10	65	25	0	0	17	1	0	0	0	0	0	1	4	0	0	0	0	65	8	7	0	0	0	0		302M0002A	72	0	0
55	1	1	5	5	235.05	234.3	D	15	65	20	0	0	10	4	0	0	0	0	0	1	0	0	0	0	0	66	10	5	0	0	0	0		302M0002A	71	0	0
55	3	1	100	100	237.61	236.86	D	20	70	10	0	0	5	1	0	0	0	0	0	1	2	0	0	0	0	83	5	2	0	0	0	0		302M0002A	85	0	0
55	4	1	100	100	239.12	238.37	D	15	65	20	0	0	15	2	0	0	0	0	0	1	2	0	0	0	0	71	5	3	0	0	1	0		302M0002A	75	0	0
55	5	1	50	50	240.13	239.38	D	20	60	20	0	0	15	4	0	0	0	0	1	1	4	0	0	0	0	65	5	3	0	0	2	0		302M0002A	70	0	0
56	1	1	30	30	239.9	239.9	D	20	65	15	0	0	8	1	0	0	0	0	0	1	1	0	0	0	0	78	7	3	0	0	1	0		302M0002A	82	0	0
56	2	1	100	100	241.23	241.23	D	20	65	15	0	0	8	4	0	0	0	0	0	1	4	0	0	0	0	70	7	4	0	0	2	0		302M0002A	76	0	0
57	1	1	7	7	244.67	244.67	D	5	70	25	0	0	15	2	0	0	0	0	0	1	2	0	0	0	0	58	10	7	0	0	5	0		302M0002A	70	0	0
57	2	1	100	100	245.73	245.73	D	15	70	15	0	0	10	2	0	0	0	0	0	1	2	0	0	0	0	78	5	2	0	0	0	0		302M0002A	80	0	0
57	3	1	100	100	247.23	247.23	D	7	78	15	0	0	5	1	0	0	0	0	0	1	1	0	0	0	0	78	10	3	0	0	1	0		302M0002A	82	0	0
57	4	1	100	100	248.74	248.74	D	5	78	17	0	0	5	1	0	0	0	0	0	1	1	0	12	0	0	76	0	3	0	0	1	0		302M0002A	80	0	0
57	5	1	50	50	249.76	249.76	D	7	78	15	0	0	8	1	0	0	0	0	0	1	1	0	0	0	0	78	7	3	0	0	1	0		302M0002A	82	0	0
58	1	1	100	100	250.6	250.6	D	7	78	15	0	0	8	1	0	0	0	0	0	1	1	0	0	0	0	78	7	3	0	0	1	0		302M0002A	82	0	0
58	2	1	100	100	252.1	252.1	D	5	78	17	0	0	5	1	0	0	0	0	0	1	1	0	0	0	0	76	12	3	0	0	1	0		302M0002A	80	0	0
58	4	1	50	50	254.62	254.62	D	7	78	15	0	0	5	1	0	0	0	0	0	1	1	0	0	0	0	76	10	3	0	0	3	0		302M0002A	82	0	0
59	2	1	40	40	256.5	256.5	D	15	70	15	0	15	8	2	0	0	0	0	0	1	7	0	0	0	0	50	7	5	0	0	5	0		302M0002A	60	0	0
59	3	1	100	100	258.61	258.61	D	5	78	17	0	2	7	1	0	0	0	0	0	3	1	0	0	0	0	73	10	1	0	0	2	0		302M0002A	76	0	0
60	1	1	34.5	34.5	257.945	259.065	D	5	78	17	0	2	7	1	0	0	0	0	0	1	1	0	0	0	0	75	10	1	0	0	2	0		302M0002A	78	0	0
60	2	1	83	83	259.94	261.06	D	5	78	17	0	3	7	1	0	0	0	0	0	1	1	0	0	0	0	74	10	1	0	0	2	0		302M0002A	77	0	0
60	3	1	24	24	260.86	261.98	D	5	78	17	0	0	10	1	0	0	0	0	0	1	2	0	0	0	0	71	7	3	0	0	5	0		302M0002A	79	0	0
61	1	1	79	79	263.39	263.45	D	12	70	18	0	3	6	2	0	0	0	0	0	1	5	0	0	0	0	65	12	3	0	0	3	0		302M0002A	71	0	0

Core	Section	Smear slide	Top interval	Bottom interval	Top depth	Top depth MCD	Lithology	Sand	Silt	Clay	Accessories	Brownish undefinable	Clay	Feldspar	Inorganic calcite	Mica	Opaques	Others	Glauconite	Pyrite	Quartz	Siderite	Siliceous matrix	Unidentified mineral	Volcanic glass	Diatoms	Biosilica matrix	Silicoflagellates	Foraminifers	Organic microfossils	Ebridians	Nannofossils	Comments	Hole ID	Biogenic Silica	Biogenic Carbonate	Organics
Hole M0002A (continued)																																				
61	2	1	71	71	264.82	264.88	D	5	78	17	0	3	7	1	0	0	0	0	0	1	1	0	0	0	0	73	10	1	0	0	3	0		302M0002A	77	0	0
62	1	1	125	125	268.85	268.85	D	3	80	17	0	5	8	1	0	0	0	0	0	2	1	0	0	0	0	63	9	1	0	5	5	0		302M0002A	69	0	5
62	2	1	52	52	269.63	269.63	D	3	80	17	0	5	8	1	0	0	0	0	0	2	1	0	0	0	0	63	9	1	0	5	5	0		302M0002A	69	0	5
62	3	1	90	90	271.51	271.51	D	3	80	17	0	5	8	1	0	0	0	0	0	2	1	0	0	0	0	63	9	1	0	0	5	0		302M0002A	69	0	0
Hole M0003A																																				
1	1	1	22	22	0.22	5.27	D	5	20	75	2	0	75	8	0	1	1	0	0	13	0	0	0	0										302M0003A	0	0	0
1	1	2	79	79	0.79	5.84	D	5	20	75	2	0	75	6	0	1	2	0	0	14	0	0	0	0										302M0003A	0	0	0
1	1	3	133	133	1.33	6.38	D	2	10	88	1	0	88	2	1	0	2	0	0	6	0	0	0	0										302M0003A	0	0	0
1	2	1	58	58	2.08	7.13	D	1	10	89	1	0	89	3	0	1	1	0	0	5	0	0	0	0										302M0003A	0	0	0
1	2	2	49	49	1.99	7.04	D	5	25	70	2	0	70	10	0	2	2	0	0	14	0	0	0	0										302M0003A	0	0	0
1	3	1	111	111	4.12	9.17	D	2	25	73	1	0	73	2	14	0	0	0	0	3	0	0	0	7										302M0003A	0	0	0
1	3	2	42	42	3.43	8.48	D	2	20	78	2	0	78	8	0	1	2	0	0	9	0	0	0	0										302M0003A	0	0	0
3	1	1	89	89	10.89	16.9	D	3	25	72	1	0	72	7	0	1	0	0	0	19	0	0	0	0										302M0003A	0	0	0
3	2	1	47	47	11.97	17.98	D	5	25	70	2	0	70	6	0	1	3	0	0	18	0	0	0	0	brown									302M0003A	0	0	0
3	2	2	14.5	14.5	11.645	17.655	D	5	12	83	1	0	83	3	0	0	1	0	0	12	0	0	0	0	black									302M0003A	0	0	0
3	3	1	44.5	44.5	13.455	19.465	D	5	20	75	2	0	75	8	0	0	1	0	0	14	0	0	0	0	Olive									302M0003A	0	0	0
3	3	2	66	66	13.67	19.68	D	3	20	77	2	0	77	8	0	0	1	0	0	12	0	0	0	0	brown									302M0003A	0	0	0
Hole M0004A																																				
1	1	1	68	68	17.68	16.95	D	2	25	73	1	0	73	5	0	1	3	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
2	1	1	78	78	21.28	20.07	D	3	25	72	1	0	72	5	0	1	15	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
2	1	2	80	80	21.3	20.09	D	3	20	77	1	0	77	3	0	2	3	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
2	1	3	108	108	21.58	20.37	D	2	20	78	1	0	79	3	0	1	3	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
2	1	4	145	145	21.95	20.74	D	3	22	75	1	0	76	6	0	1	2	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
2	2	1	14	14	22.14	20.93	D	7	20	73	2	0	73	7	0	1	3	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
2	3	1	43	43	23.93	22.72	D	2	25	73	1	0	73	6	0	1	3	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
2	3	2	69	69	24.19	22.98	D	15	70	15	5	0	15	30	0	0	4	0	0	0	46	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
5	1	1	9	9	270.09	265.37	D	3	82	15	0	0	8	1	0	0	1	0	0	2	1	0	0	0	0	74	10	2	0	0	1	0		302M0004A	77	0	0
5	1	2	16	16	270.16	265.44	D	2	83	15	0	0	8	1	0	0	1	0	0	2	1	0	0	0	0	76	7	2	0	0	2	0		302M0004A	80	0	0
6	1	1	100	100	274.5	269.06	D	3	77	20	0	0	10	1	0	1	1	0	0	1	1	0	0	0	0	68	10	5	0	0	2	0		302M0004A	75	0	0
6	2	1	100	100	276	270.56	D	3	77	20	0	0	10	1	0	0	1	0	0	1	1	0	0	0	0	68	10	7	0	0	1	0		302M0004A	76	0	0
6	3	1	100	100	277.51	272.07	D	3	82	15	0	0	5	1	0	0	1	0	0	1	1	0	0	0	0	67	10	7	0	0	7	0		302M0004A	81	0	0
6	4	1	50	50	278.53	273.09	D	3	82	15	0	0	5	0	0	0	0	0	0	3	0	0	0	0	0	74	10	4	0	0	4	0		302M0004A	82	0	0
7	1	1	100	100	279.5	275.56	D	5	75	20	1	0	13	1	0	0	0	0	0	3	1	0	0	0	0	70	7	2	0	0	2	0		302M0004A	74	0	0
7	2	1	100	100	281.02	277.08	D	4	81	15	1	0	7	1	0	0	0	0	0	2	1	0	0	0	0	63	8	2	0	0	15	0		302M0004A	80	0	0
7	3	1	100	100	282.53	278.59	D	3	72	25	0	0	16	1	0	0	0	0	0	4	1	0	0	0	0	62	9	2	0	0	5	0		302M0004A	69	0	0
9	1	1	22	22	287.52	284.58	D	7	63	30	1	0	15	2	0	0	0	0	0	5	2	0	0	0	0	47	15	3	0	0	10	0		302M0004A	60	0	0
10	1	1	100	100	292.85	292.35	D	3	72	25	0	0	15	1	0	0	0	0	0	3	1	0	0	0	0	55	10	5	0	0	10	0		302M0004A	70	0	0
10	2	1	100	100	294.35	293.85	D	3	67	30	0	0	15	1	0	0	0	0	0	3	1	0	0	0	0	59	15	1	0	0	5	0		302M0004A	65	0	0
10	3	1	100	100	295.85	295.35	D	5	65	30	1	0	15	2	0	0	0	0	0	3	2	0	0	0	0	37	15	5	0	0	20	0		302M0004A	62	0	0
10	3	2	33.5	33.5	295.185	294.685	M	80	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	0	1	0	3	0	0	1	0		302M0004A	5	0	0
10	4	1	50	50	296.86	296.36	D	3	57	40	1	0	25	2	0	0	1	0	0	3	3	0	0	0	0	19	15	10	0	0	20	0		302M0004A	49	0	0
11	1	1	100	100	298.3	298.3	D	3	78	19	0	0	13	1	0	0	0	0	0	4	1	0	0	0	0	50	1	5	0	0	25	0		302M0004A	80	0	0
11	2	1	100	100	299.8	299.8	D	2	23	75	0	0	60	1	0	0	0	0	0	7	1	0	0	0	0	6	15	3	0	0	7	0		302M0004A	16	0	0
11	3	1	100	100	301.31	301.31	D	5	27	68	1	0	63	3	0	0	1	0	0	7	3	0	0	0	0	7	5	5	0	0	5	0		302M0004A	17	0	0
11	4	1	50	50	302.33	302.33	D	5	30	65	1	0	60	2	0	0	0	0	0	5	3	0	0	0	0	7	5	5	0	0	12	0		302M0004A	24	0	0
15	1	1	10	10	313.45	313.45	D	3	82	15	0	0	5	1	0	0	1	0	0	5	0	0	0	0	0	58	10	5	0	0	15	0		302M0004A	78	0	0
19	1	1	100	100	321.53	321.53	D	5	10	85	1	0	85	3	0	2	1	0	0	5	3	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
19	2	1	100	100	323.03	323.03	D	2	5	93	0	0	93	2	0	1	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
20	1	1	50	50	326.78	326.78	D	3	7	90	1	0	90	2	0	1	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
20	2	1	50	50	327.77	327.77	D	3	7	90	0	0	90	2	0	1	0	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
21	1	1	100	100	330.28	330.28	D	3	10	87	1	0	87	3	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
21	2	1	100	100	331.81	331.81	D	2	5	93	0	0	93	2	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
21	3	1	20	20	332.48	332.48	D	2	10	88	1	0	88	2	0	0	0	0	0	7	2	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
22	1	1	50	50	339.5	339.5	D	2	5	93	0	0	93	1	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
23	1	1	100	100	342.6	342.6	D	3	7	90	0	0	90	2	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
23	2	1	100	100	344.11	344.11	D	2	7	91	0	0	91	1	0	0	0	0	0	7	1	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
23	3	1	50	50	345.11	345.11	D	2	7	91	0	0	91	3	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
27	1	1	100	100	368.4	367.4	D	0	7	93	0	0	93	3	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
27	1	2	92	92	368.32	367.32	D	5	2	93	0	0	93	0	0	0	5	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	This sample was collected from a laminated part	302M0004A	0	0	0
27	2	1	104	104	369.94	368.94	D	5	2	93	0	0	93	0	0	0	5	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
27	3	1	69	69	371.09	370.09	D	7	10	83	0	0	83	2	0	0	7	0	0	1	7	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
28	4	1	63	63	376.96	376.96	D	3	7	90	0	0	90	1	0	0	5	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
28	4	2	14	14	376.47	376.47	D	7	10	83	1	0	83	2	0	0	9	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0		302M0004A	0	0	0
30	1	1	100	100	381.3	381.3	D	2	7	91			91	3		1				3	2													302M0004A	0	0	0
30	2	1	100	100	382.81	382.81	D	1	12	87			87	3		1				7	2													302M0004A	0	0	0
30	3	1	50	50	383.83	383.83	D	2	12	86			86	3		1				7	3													302M0004A	0	0	0
31	1	1	30	30	383.5	383.5	D	7	80	13			13	7							80												This sample is collected from a white patch.	302M0004A	0	0	0
31	1	2	20	20	383.4	383.4	D	2	30	68			68	1						30	1													302M0004A	0	0	0
32	1	1	100	100	389	389	D	7	20	73	2		73	8		1	1			5	10													302M0004A	0	0	0
32	3	1	8	8	390.94	390.94	M	0	100	0														100										302M0004A	0	0	0
33	1	1	100	100	393.5	393.5	D	10	20	70	2		70	9		1	1			3	14													302M0004A	0	0	0
34	1	1	100	100	397.25	397.25	D	5	15	80	1		75	6			1			3	14													302M0004A	0	0	0
34	2	1	100	100	398.51	398.51	D	3	25	72			72	3			1			20	4													302M0004A	0	0	0
34	3	1	60	60	399.61	399.61	D	5	30	65	1		65	8			4			10	12													302M0004A	0	0	0
35	1	1	100	100	402.2	402.2	D	5	20	75	1		75	6			2			3	13													302M0004A	0	0	0
35	2	1	100	100	403.7	403.7	D	1	15	84	1		84	4			1			3	7													302M0004A	0	0	0

Core	Section	Smear slide	Top interval	Bottom interval	Top depth	Top depth MCD	Lithology	Sand	Silt	Clay	Accessories	Brownish undefinable	Clay	Feldspar	Inorganic calcite	Mica	Opaques	Others	Glauconite	Pyrite	Quartz	Siderite	Siliceous matrix	Unidentified mineral	Volcanic glass	Diatoms	Biosilica matrix	Siliciflagellates	Foraminifers	Organic microfossils	Ebridians	Nannofossils	Comments	Hole ID	Biogenic Silica	Biogenic Carbonate	Organics
Hole M0004A (continued)																																				
35	3	1	30	30	404.51	404.51	D	2	15	83	1		83	4			1			3	8													302M0004A	0	0	0
41	1	1	25	25	424.75	424.75	D	2	18	80	1		80	6		1				2	10													302M0004A	0	0	0
41	1	2	10	10	424.6	424.6	D	15	40	45	2		45	7			2			7	37													302M0004A	0	0	0
41	2	1	10	10	424.88	424.88	D	15	20	65	1		65	7						3	24													302M0004A	0	0	0
42	1	1	25	25	426.85	426.85	D	7	30	63	1		63	7						5	24													302M0004A	0	0	0
42	1	2	55	55	427.15	427.15	D	7	35	58	1		58	7						2	32													302M0004A	0	0	0
42	2	1	10	10	427.53	427.53	D	15	40	45	2		45	10		1				2	40													302M0004A	0	0	0
42	2	2	20	20	427.63	427.63	D	45	45	10	3		10	13			7			2	65													302M0004A	0	0	0
Hole M0004B																																				
1	1	1	30	30	10.3	12.93	D	3	20	77	1	0	77	8	1	0	1	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	brown	302M0004B	0	0	0
1	2	1	50	50	11.94	14.57	D	2	25	73	1	0	0	9	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		302M0004B	0	0	0
1	2	2	50	50	11.94	14.57	D	2	25	73	0	0	73	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0		302M0004B	0	0	0
3	1	1	100	100	216	209.71	D	30	25	45	0	0	45	3	0	0	15	0	0	30	7	0	0	0	0	0	0	0	0	0	0	0	0		302M0004B	0	0	0
3	2	1	100	100	217.51	211.22	D	5	15	80	0	0	70	2	0	2	0	0	0	5	4	0	0	0	0	0	10	0	0	0	0	0	0		302M0004B	0	0	0
3	3	1	50	50	218.52	212.23	D	2	25	73	0	0	63	2	0	0	1	0	0	7	2	0	0	0	0	0	0	0	0	0	0	0	0		302M0004B	0	0	0
Hole M0004C																																				
1	1	1	5	5	0.05	0.05	D	7	25	68	2	0	68	7	0	3	2	0	0	15	0	0	3	0										302M0004C	0	0	0
1	1	2	23.5	23.5	0.235	0.235	D	1	20	79	2	0	79	5	0	1	1	0	0	10	0	0	2	0										302M0004C	0	0	0
1	1	3	38	38	0.38	0.38	D	5	20	75	2	0	75	8	0	1	1	0	0	11	0	0	2	0										302M0004C	0	0	0
1	1	4	64	64	0.64	0.64	D	5	20	75	1	0	75	6	0	1	4	0	0	13	0	0	0	0										302M0004C	0	0	0
1	1	5	93.5	93.5	0.935	0.935	D	7	23	70	2	0	70	10	0	1	2	0	0	15	0	0	0	0										302M0004C	0	0	0
1	1	6	109	109	1.09	1.09	D	12	20	68	1	0	68	9	0	2	4	0	0	15	0	0	1	0										302M0004C	0	0	0
1	2	1	1	1	1.52	1.52	D	7	20	73	1	0	73	7	0	1	1	0	0	17	0	0	0	0										302M0004C	0	0	0
1	2	2	17.5	17.5	1.685	1.685	D	1	15	84	1	0	84	4	0	0	1	0	0	10	0	0	0	0										302M0004C	0	0	0
1	2	3	75	75	2.26	2.26	M	25	65	10	2	0	10	17	0	0	1	0	0	70	0	0	0	0										302M0004C	0	0	0
1	2	4	90	90	2.41	2.41	D	5	20	75	2	0	75	6	0	0	1	0	0	16	0	0	0	0										302M0004C	0	0	0
2	1	1	36	36	4.36	5.03	D	7	20	73	3	0	73	6	0	1	5	0	0	11	0	1	0	0										302M0004C	0	0	0
2	1	2	142	142	5.42	6.09	D	5	15	80	1	0	80	7	0	0	2	0	0	10	0	0	0	0										302M0004C	0	0	0
2	1	3	86	86	4.86	5.53	D	3	15	82	1	0	83	4	0	0	3	0	0	9	0	0	0	0										302M0004C	0	0	0
2	2	1	96	96	6.46	7.13		3	16	81	7	0	81	4	0	0	1	0	0	7	0	0	0	0										302M0004C	0	0	0
2	2	2	126	126	6.76	7.43	D	5	20	75	2	0	75	7	0	1	1	0	0	12	0	2	0	0										302M0004C	0	0	0
2	3	1	77	77	7.78	8.45	D	7	20	73	2	0	73	8	2	1	2	0	0	12	0	0	0	0										302M0004C	0	0	0
2	3	2	131	131	8.32	8.99	D	10	20	70	0	0	70	6	0	1	4	0	0	19	0	0	0	0										302M0004C	0	0	0
3	1	1	43	43	9.38	10	D	7	20	73	0	0	73	4	0	0	3	0	0	20	0	0	0	0										302M0004C	0	0	0
3	1	2	110	110	10.05	10.67	D	3	15	82	1	0	82	7	0	0	2	0	0	8	0	0	0	0										302M0004C	0	0	0
4	1	1	19	19	14.16	14.38	D	3	20	77	0	0	77	7	0	0	0	0	0	16	0	0	0	0										302M0004C	0	0	0
4	1	2	78	78	14.75	14.97	M	25	15	60	0	0	60	3	0	0	1	0	0	36	0	0	0	0										302M0004C	0	0	0
4	1	3	114	114	15.11	15.33	D	1	10	89	0	0	89	3	0	0	1	0	0	7	0	0	0	0										302M0004C	0	0	0
4	1	4	120	120	15.17	15.39		1	20	79	0	0	79	5	0	0	1	0	0	15	0	0	0	0										302M0004C	0	0	0
4	2	1	51	51	15.98	16.2	D	1	15	84	1	0	84	5	0	0	1	0	0	9	0	0	0	0										302M0004C	0	0	0
4	3	1	44	44	17.41	17.63	D	5	15	80	0	0	80	7	0	1	0	0	0	12	0	0	0	0										302M0004C	0	0	0
4	3	2	64	64	17.61	17.83	M	25	20	55	0	0	55	5	0	0	3	0	0	37	0	0	0	0										302M0004C	0	0	0
4	4	1	0	0	18.32	18.54	D	5	30	65	3	0	65	7	0	0	3	0	0	22	0	0	0	0										302M0004C	0	0	0
6	1	1	68	68	24.25	24.25	D	3	15	82	1	0	82	5	0	0	1	0	0	11	0	0	0	0										302M0004C	0	0	0
6	1	2	91	91	24.48	24.48	D	15	25	60	7	0	60	5	0	0	1	0	0	27	0	0	0	0										302M0004C	0	0	0
6	2	1	46	46	25.06	25.06	M	20	40	40	2	0	40	3	0	0	2	0	0	53	0	0	0	0										302M0004C	0	0	0
6	2	2	51	51	25.11	25.11	D	5	30	65	2	0	65	10	0	0	1	0	0	22	0	0	0	0										302M0004C	0	0	0