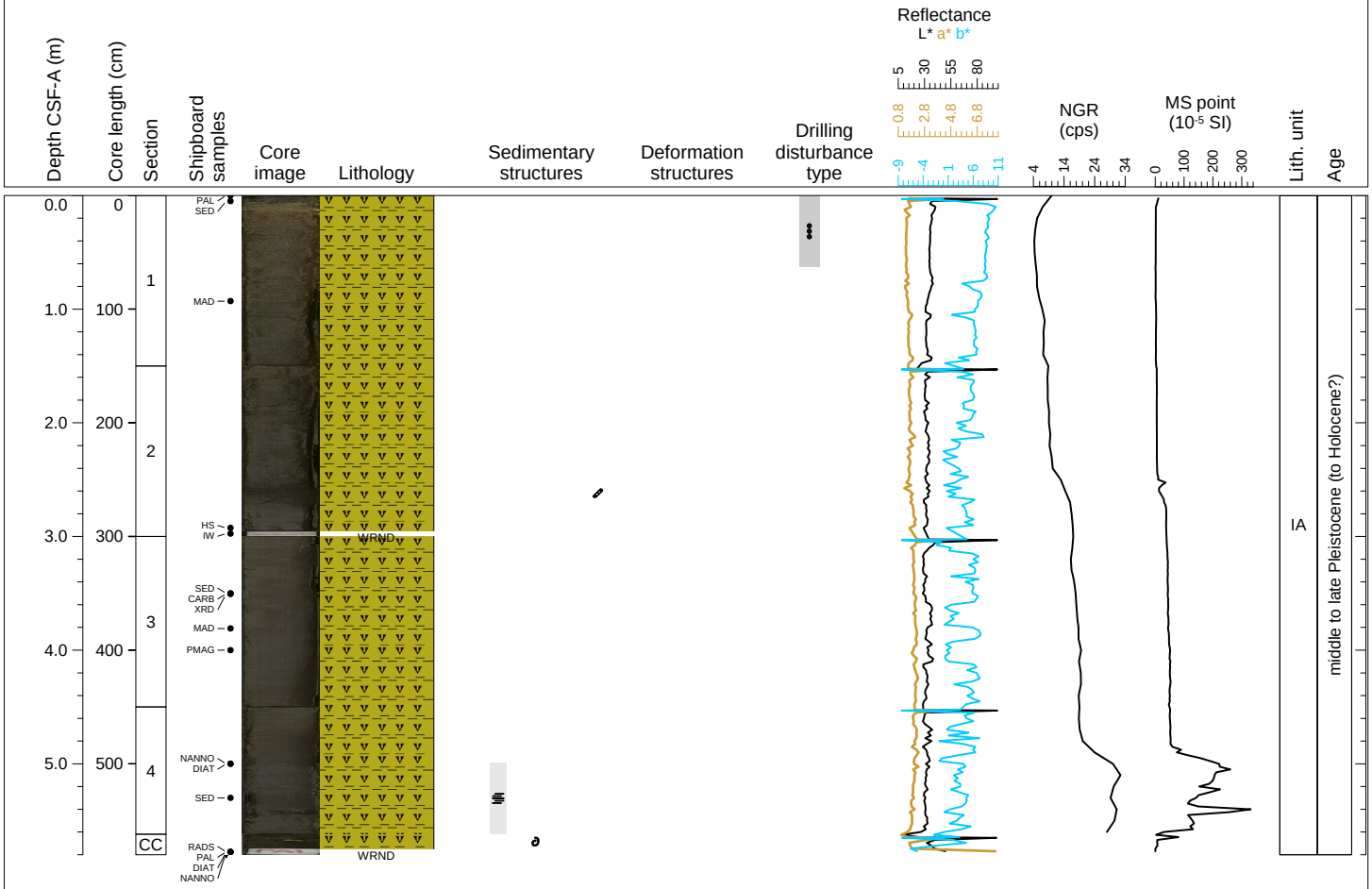
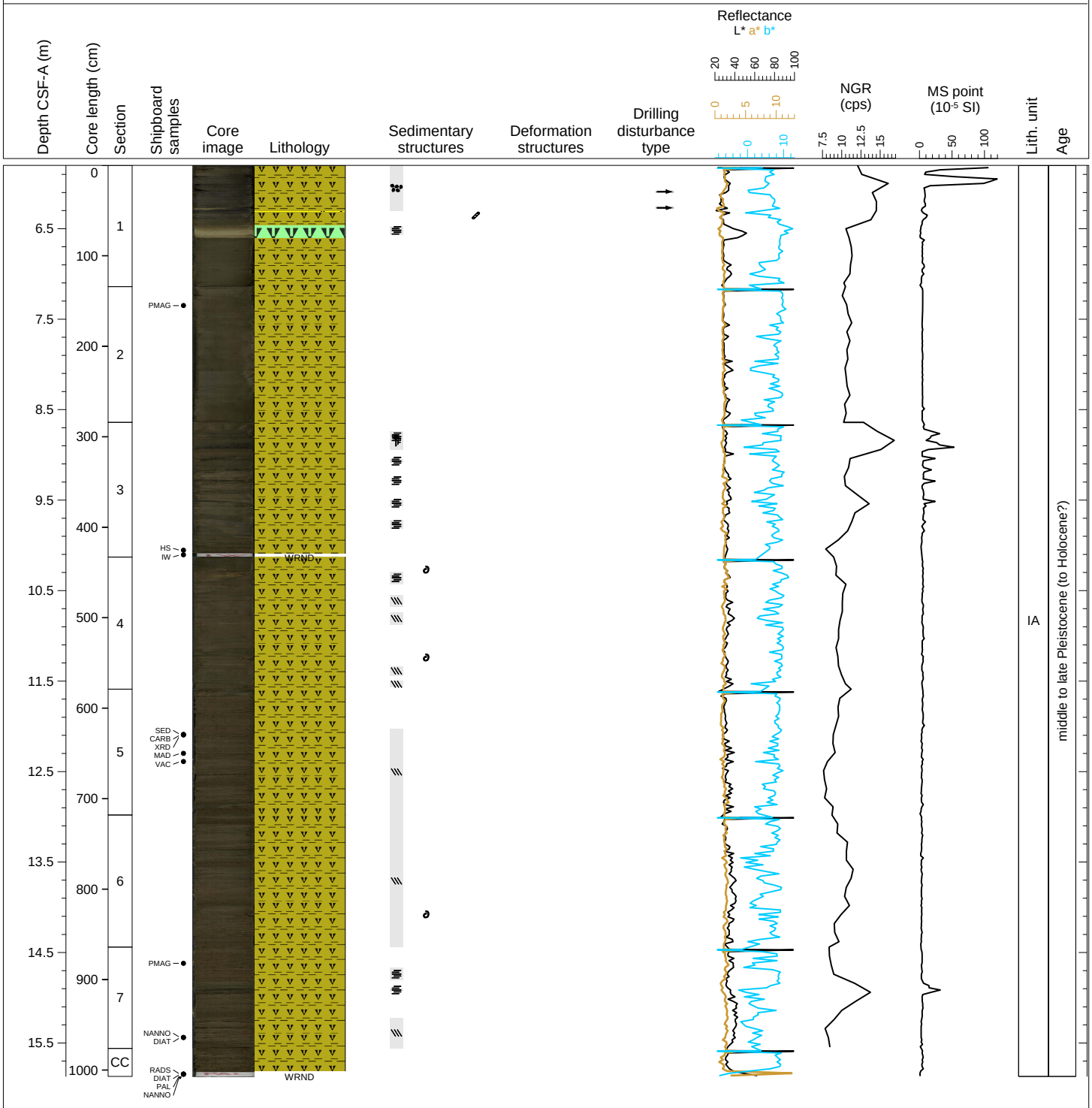
Hole 385-U1550A Core 1H, Interval 0.0-5.8 m (CSF-A)

This core consists of homogenous moderate olive brown (5Y 4/4) to olive gray (5Y 3/2) DIATOM CLAY in Section 1 and top (108 cm) of section 2 that represents a singledepositional unit. From the bottom of the section 2 to section CC, a second depositional unit is composed of dark yellowish brown (10YR 4/2) NANNOFOSSIL- and SILT-BEARING DIATOM CLAY in which medium gray (N5) SAND laminae are present between 49 and 112 cm in section 4. Shell fragments are present in section CC (5-8 cm). The top 63 cm of section 1 are highly disturbed by drilling (soupy).



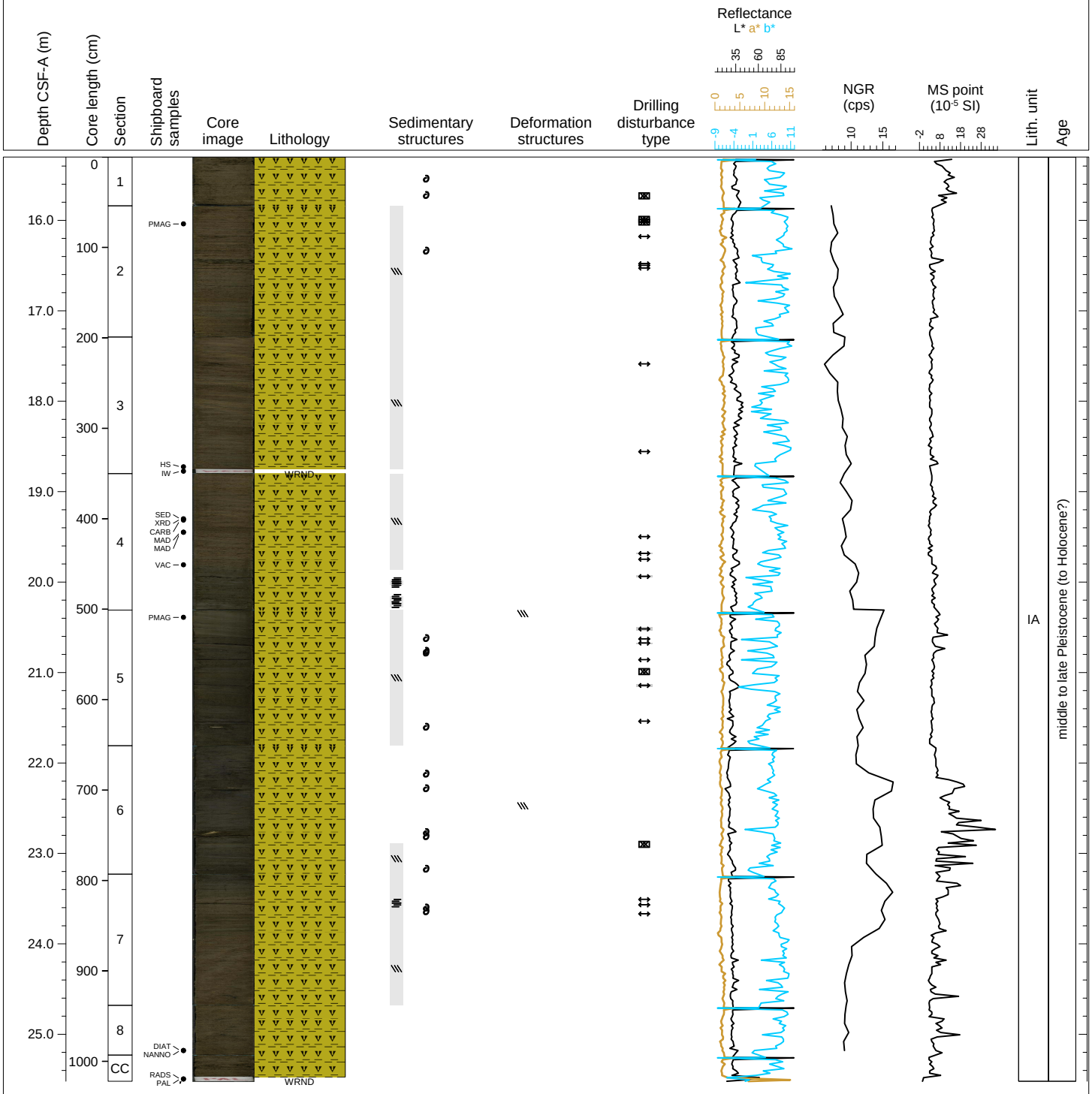
Hole 385-U1550A Core 2H, Interval 5.8-15.87 m (CSF-A)

This core consists of olive gray (5Y 3/2) NANNOFOSSIL-RICH DIATOM CLAY. Much of this core shows evidence of soft-sediment deformation, particularly in section 1 where a depositional unit (56-80 cm) is overturned. This depositional unit is composed of grayer SILTY SAND that coarsens upward overlying a pale olive (5Y 6/4) DIATOM OOZE layer. In section 3, a normally-oriented depositional unit is present including graded bed with dark SAND at the bottom. Disrupted layers made of SAND mixed with shell debris are present in section 3 (41-45 cm, 64-65 cm, 86-93 cm). Tilted and folded laminae are present in sections 4 to 7. Shell fragments are present in sections 4 (14 cm, 112 cm) and 6 (110 cm). Filled burrows are present at 54-60 cm in section 1.



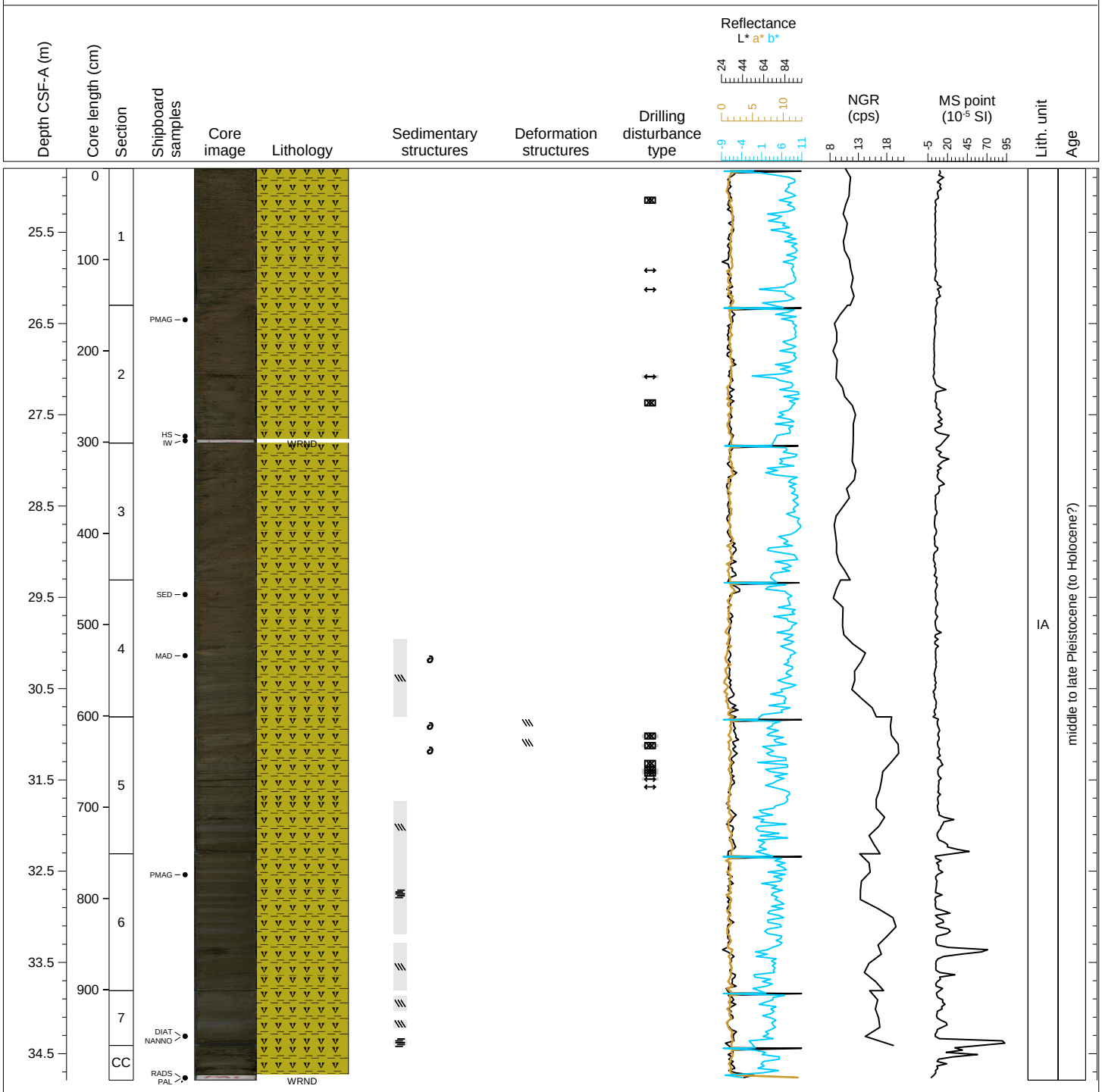
Hole 385-U1550A Core 3H, Interval 15.3-25.52 m (CSF-A)

This core consists of moderate olive brown (5Y 4/4) to olive gray (5Y 3/2) SILT-BEARING DIATOM CLAY. Tilted and folded laminae are present in sections 2 to 7. Medium gray (N5) SAND patches are present in sections 3 (138-143 cm), 6 (136-138 cm), 7 (67-70 cm, 84-87 cm, 94-96 cm, 125-143 cm), 8 (1-2 cm, 14-35 cm, 40-54 cm) and CC (22-23 cm). Shell fragments are present in sections 1 to 7.



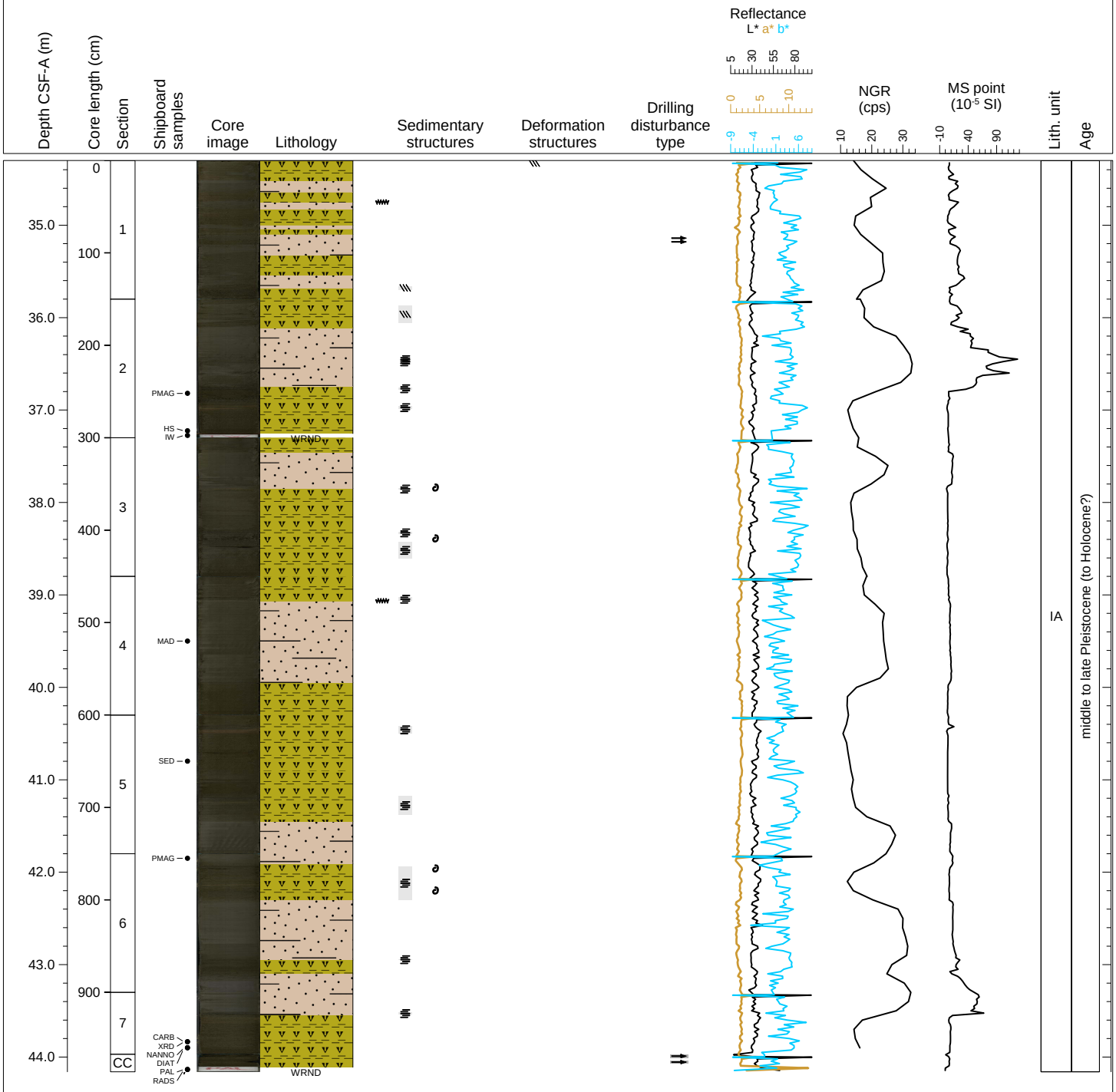
Hole 385-U1550A Core 4H, Interval 24.8-34.79 m (CSF-A)

This core consists of moderate olive brown (5Y 4/4) to olive gray (5Y 3/2) SILT-BEARING DIATOM CLAY. Tilted and folded laminae are present in sections 4 to 7. Medium gray (N5) to dark gray (N3) SAND patches and laminae are present in sections 1 to CC. Black (N1) SAND layers associated with shell debris are present in sections 4 (73-77 cm), 5 (145-148 cm), 6 (103-110 cm, 130-133 cm), 7 (54-60 cm) and CC (102 cm, 104-111 cm). Shell fragments are present in sections 4 and 5.



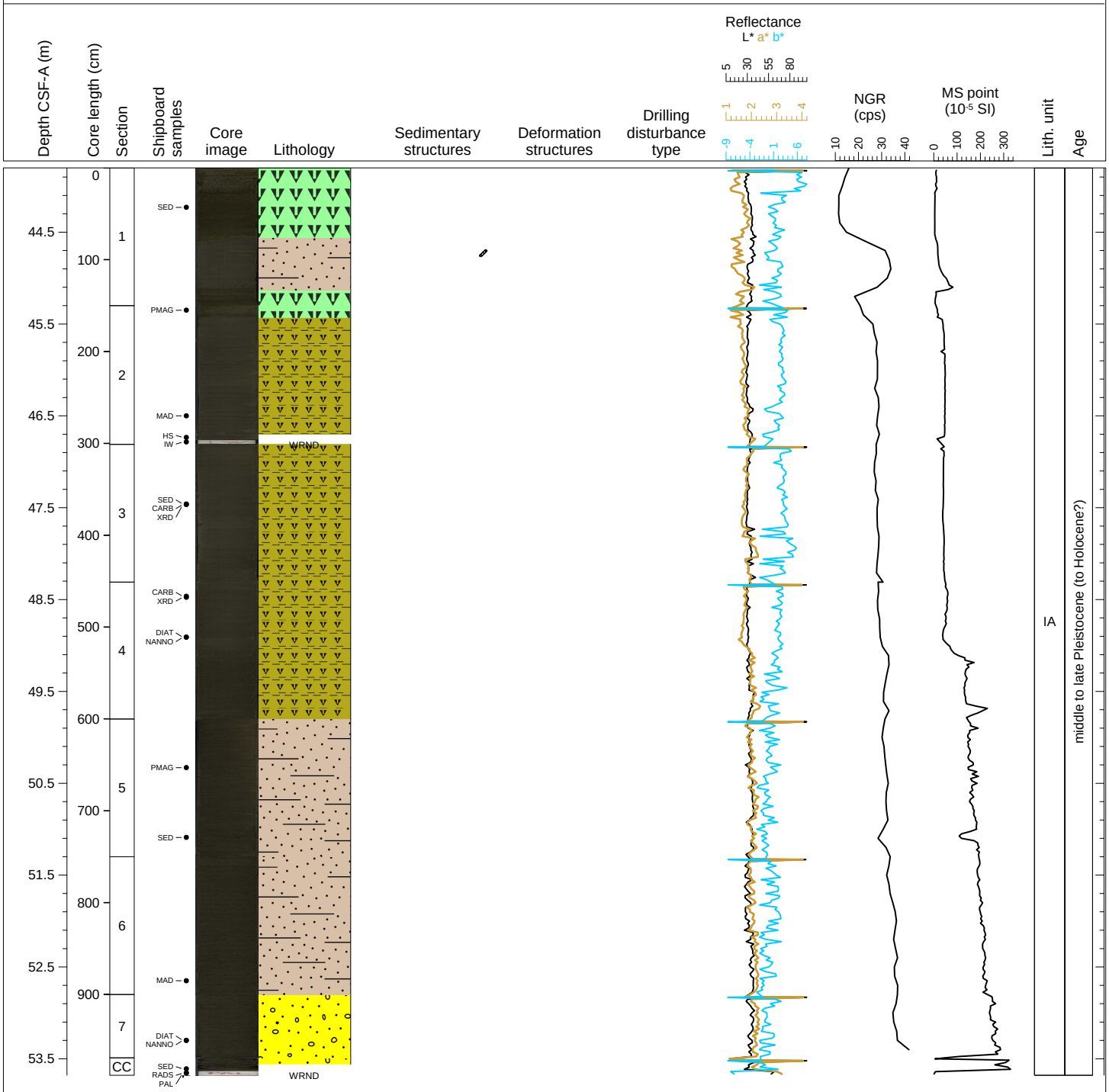
Hole 385-U1550A Core 5H, Interval 34.3-44.16 m (CSF-A)

This core consists of mainly homogenous moderate olive brown (5Y 4/4) SILT-BEARING DIATOM CLAY with intercalated light olive gray (5Y 5/2) DIATOM-RICH CLAYEY SILT intervals in sections 1 to 7. Scoured contacts are present at 45 cm in section 1 and at 26.5 cm in section 4. Slightly tilted laminae are present in sections 1 (136-140 cm) and 2 (7-26 cm). Dark gray (N3) SAND laminae are present in sections 2 (65-68 cm, 96-98 cm), 4 (115 cm), 5 (13 cm), 6 (115 cm) and 7 (22-24 cm). Shell fragments are present in section 3 (54 cm, 109 cm) and 6 (15-17 cm, 40 cm).



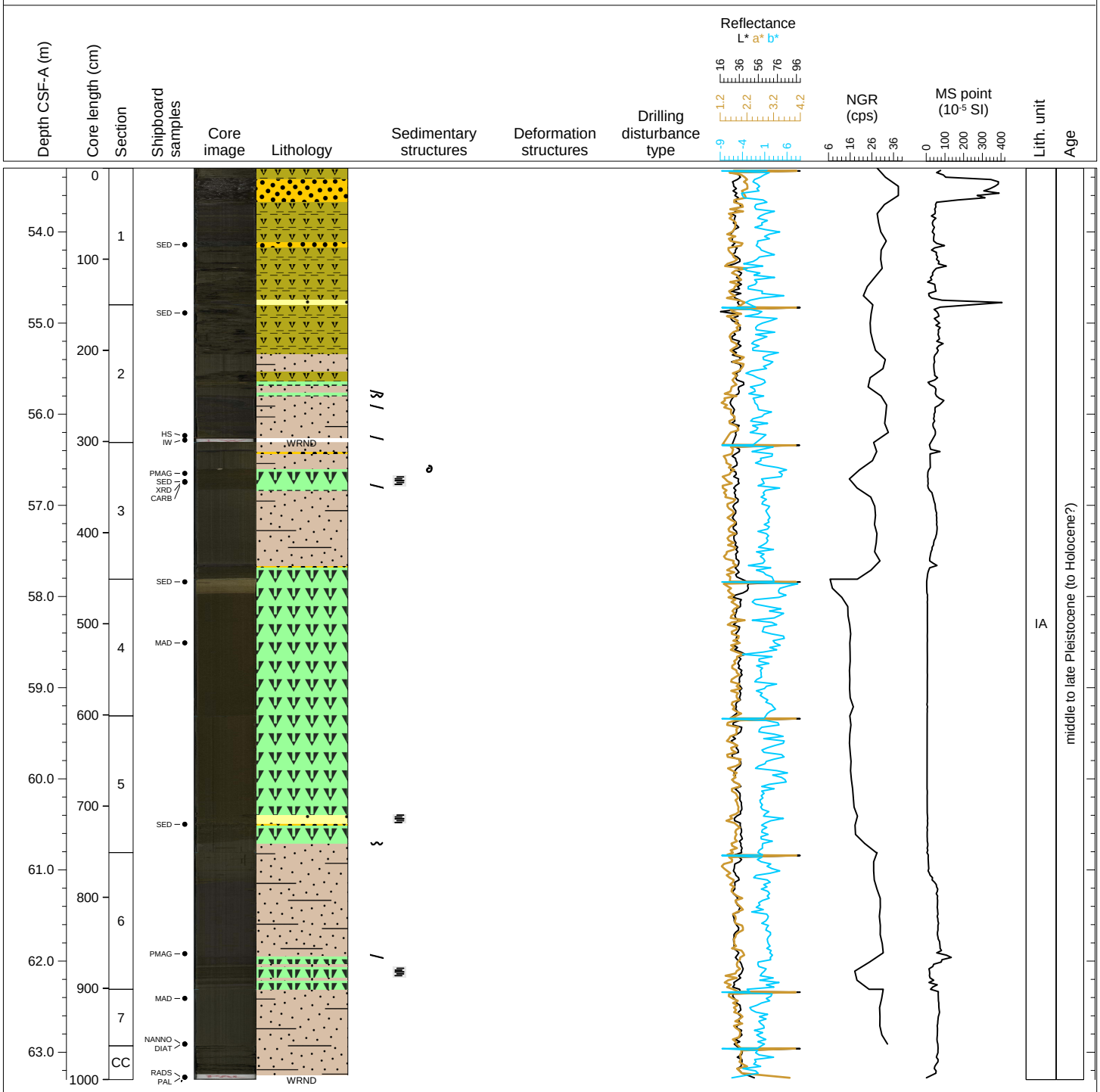
Hole 385-U1550A Core 6H, Interval 43.8-53.68 m (CSF-A)

This core consists of homogenous olive gray (5Y 3/2) CLAY-RICH DIATOM OOZE in Section 1 and top of section 2, encasing a depositional unit composed of thin SILT lamina at the base overlain by homogenous grayer layer (5Y 4/1) at 76-133 cm in section 1. Another thick depositional unit is present from section 2 at 13 cm to the CC. It is characterized by SILTY SAND at the bottom part of the unit overlain by SANDY SILT, SILT-RICH DIATOM CLAY AND DIATOM CLAY. The color changes progressively from brownish gray (5YR 4/1) to brownish black (5YR2/1) in the more sandy part of the unit.



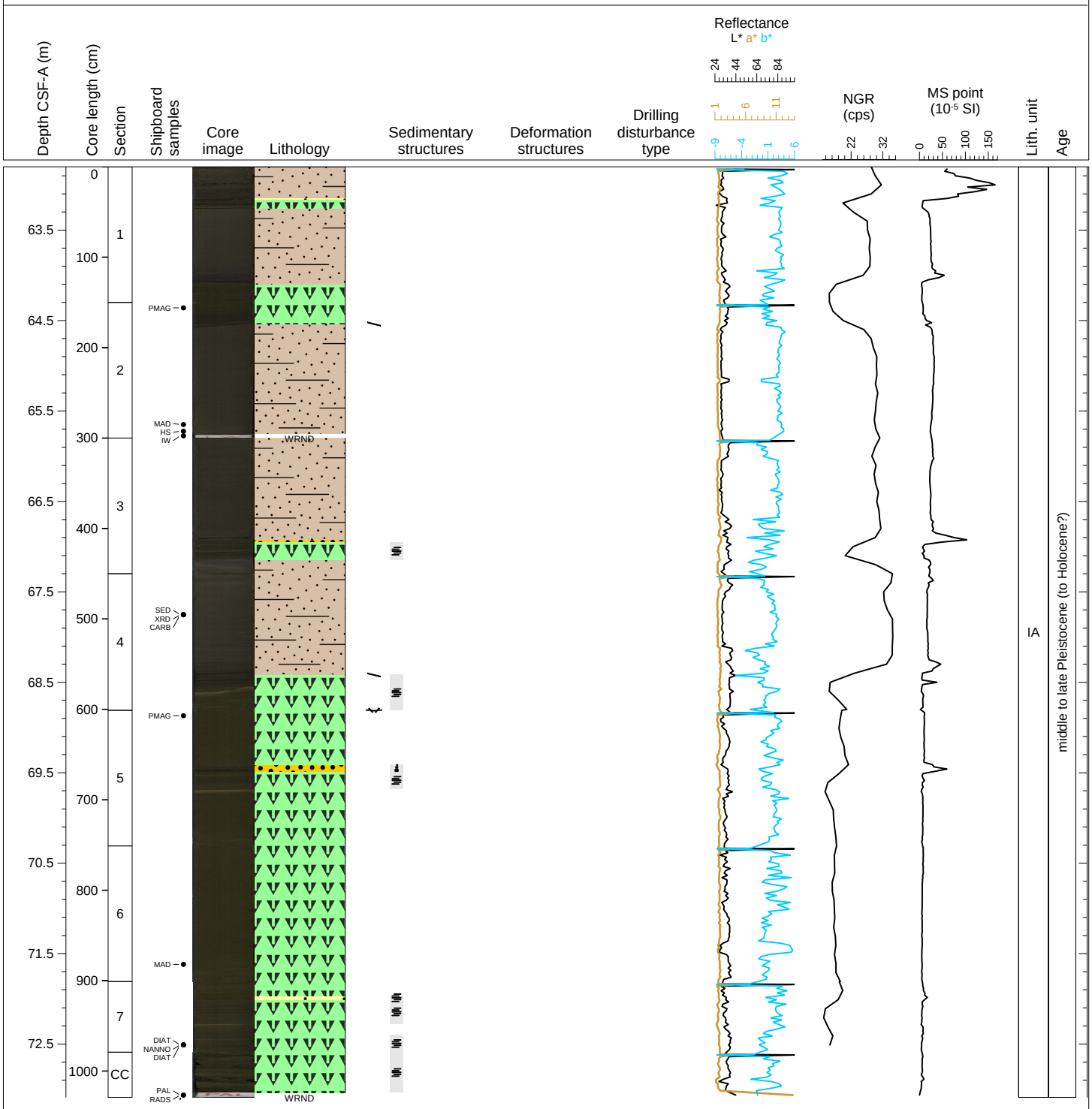
Hole 385-U1550A Core 7H, Interval 53.3-63.3 m (CSF-A)

This core consists of a series of beds with a complex mix of lithologies in several depositional units that show evidence of soft-sediment deformation and slumping. In section 1, a SAND layer is present (12-37 cm). Other SAND layers occur in section 3 (10-12 cm and 135-137 cm) and a FORAMINIFERA-RICH SAND is present in section 5 (108-120 cm). In sections 1 and 2, a thick depositional unit is composed of LAPILLI-RICH DIATOM CLAY with patches of SILT overlying grayer deformed layers of DIATOM CLAY and DIATOM-RICH CLAYEY SILT. In section 3, laminated CLAY-RICH DIATOM OOZE overlies a grayer layer with olive black (5Y2/1) fine SAND at its base. Another depositional unit is present in section 6 and bottom of section 5 that includes a deformed gray layer with patches of CLAY-RICH DIATOM OOZE.



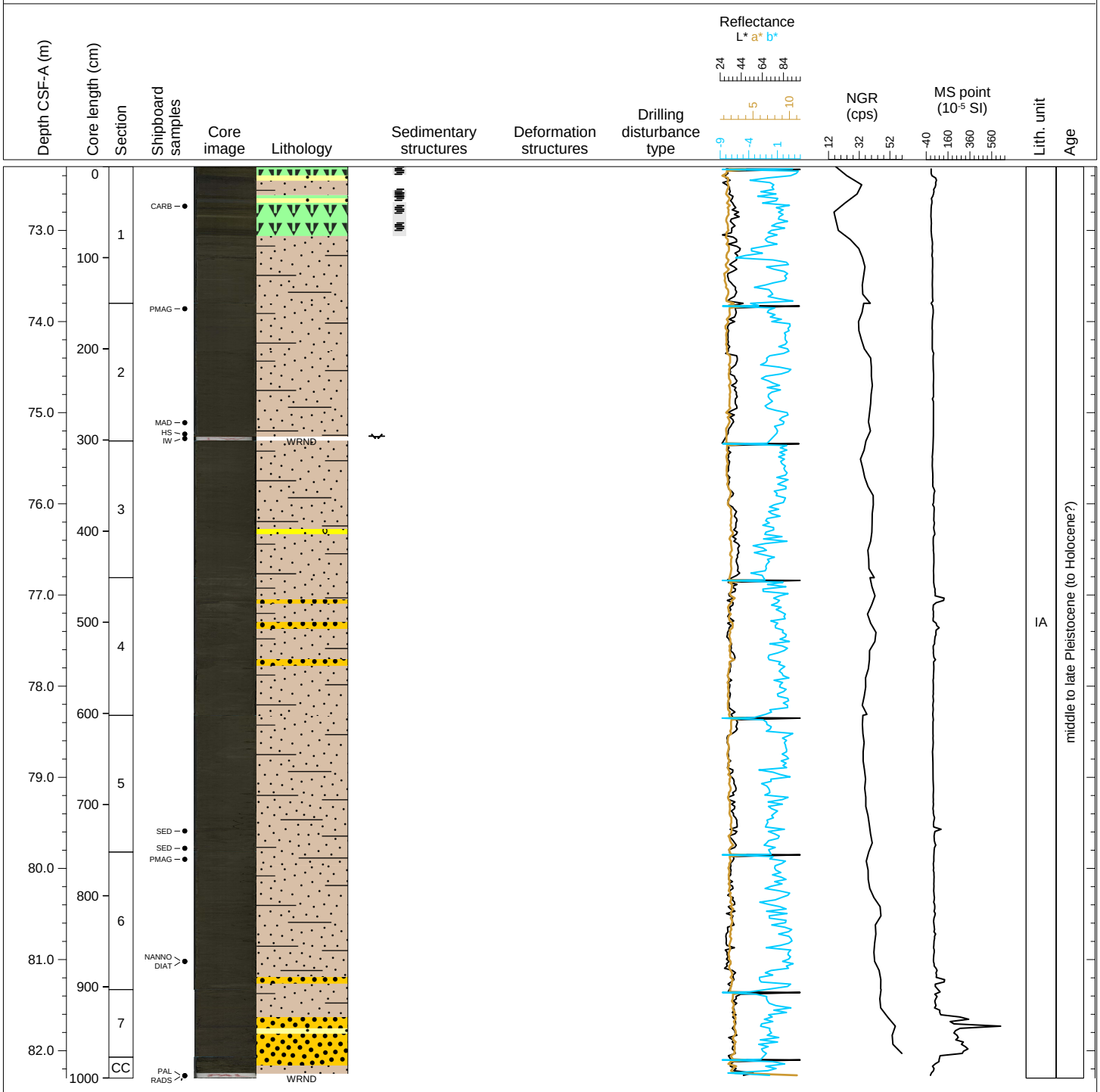
Hole 385-U1550A Core 8H, Interval 62.8-73.09 m (CSF-A)

This core consists of several depositional units intercalated with CLAY-RICH DIATOM OOZE. A gray depositional unit in section 1 is composed of DIATOM-RICH SILTY CLAY with a scoured basal contact. Another depositional unit is present in sections 2 and 3 (2.26 m thick), with SAND above the basal contact and DIATOM-SILTY CLAY on top with a tilted upper contact. Another depositional unit occurs in sections 4 and 3 starting with a graded SAND with an abrupt basal contact overlain by DIATOM-RICH SILTY CLAY (1.24 m thick). The last depositional unit in sections 5, 6 and 7 and is 2.3 m thick with a basal sandy layer and CLAY-RICH DIATOM OOZE on top. The contact on the top of this depositional unit is tilted and faulted suggesting soft-deformation during or just after deposition.



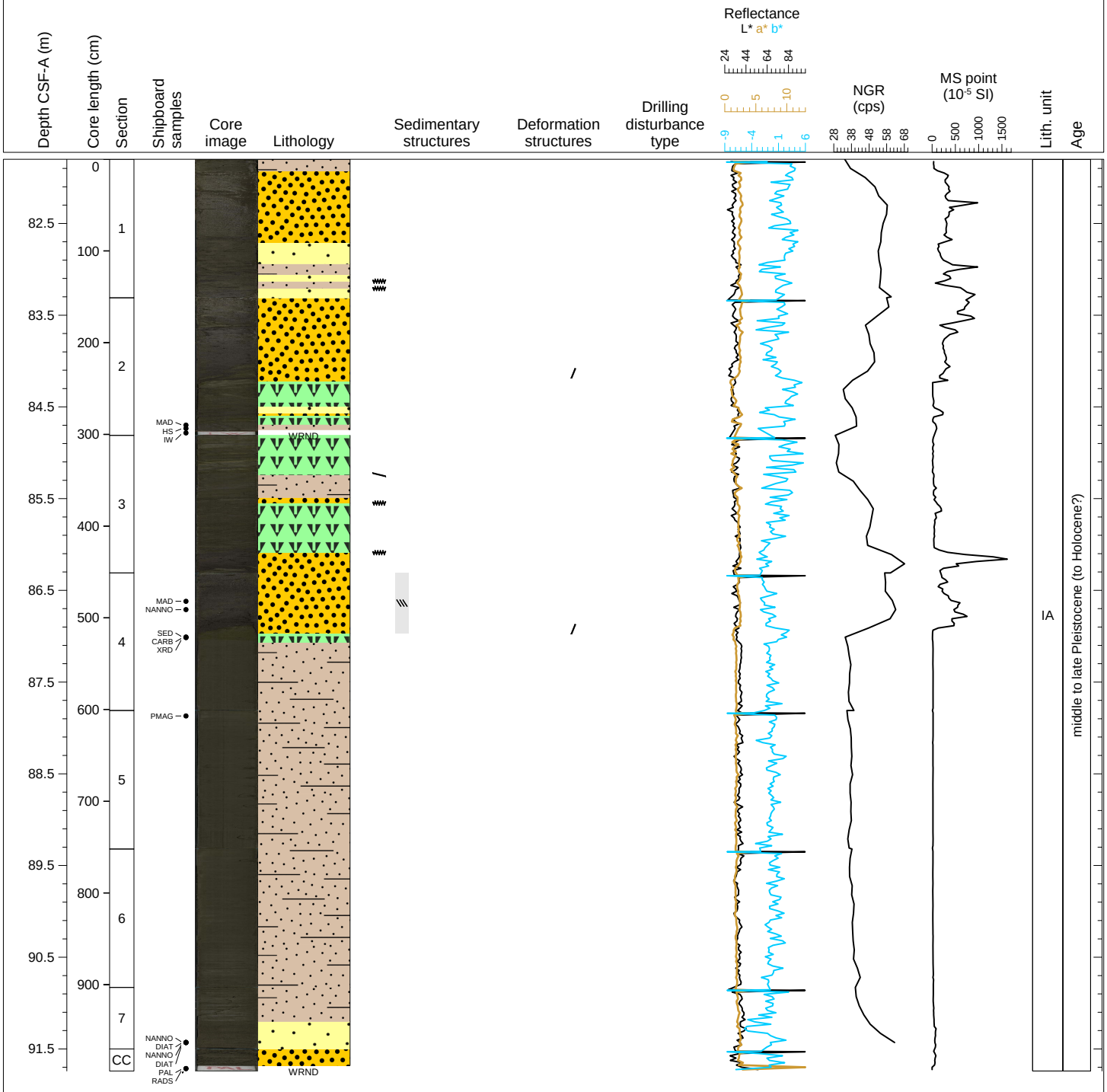
Hole 385-U1550A Core 9H, Interval 72.3-82.3 m (CSF-A)

This core consists of a mix of different sediments, dominated by olive gray (5Y 4/1) DIATOM-RICH CLAYEY SILT with soft-sediment deformation and SAND injection features in sections 3, 4, 5 and 6. The bottom part of section 7 is composed of normally graded SAND and SILT. The depositional unit is overlain in section 1 by olive gray (5Y 3/2) CLAY-RICH DIATOM OOZE alternating with dark gray (N3) SILT.



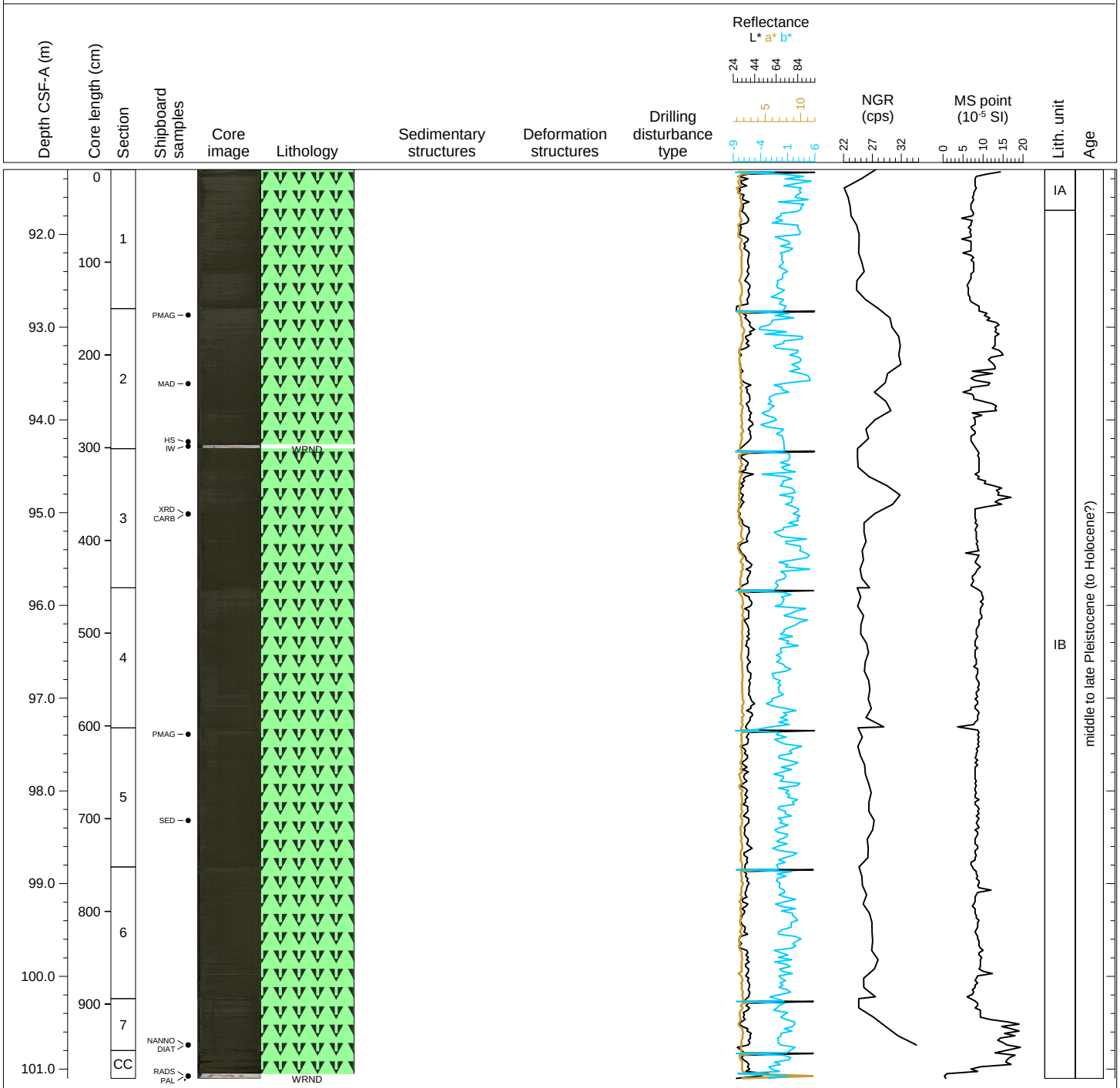
Hole 385-U1550A Core 10H, Interval 81.8-91.74 m (CSF-A)

This core consists of a mix of brownish gray (5YR 4/1) SAND and SILT, olive gray (5Y 3/2) CLAY-RICH DIATOM OOZE and olive gray (5Y 4/1) DIATOM-RICH CLAYEY SILT. Section 1 is dominated by SAND but in the bottom part the SAND is mixed with DIATOM-RICH CLAYEY SILT. Sand is also dominant in section 2, but patches of CLAY-RICH DIATOM OOZE are present; the latter lithology is dominant in the bottom part of section 2 and in section 3, where it is mixed with DIATOM OOZE and DIATOM-RICH CLAYEY SILT. Soft-sediment deformation features and SAND injection features are common in these two sections. Section 4 is composed of SAND, CLAY-RICH DIATOM OOZE and DIATOM-RICH SILTY CLAY, respectively from top to bottom. The boundary between these lithologies is deformed. The bottom of the core is composed of homogenous DIATOM-RICH SILTY CLAY overlying SILT and SAND layers in sections 7 and CC.



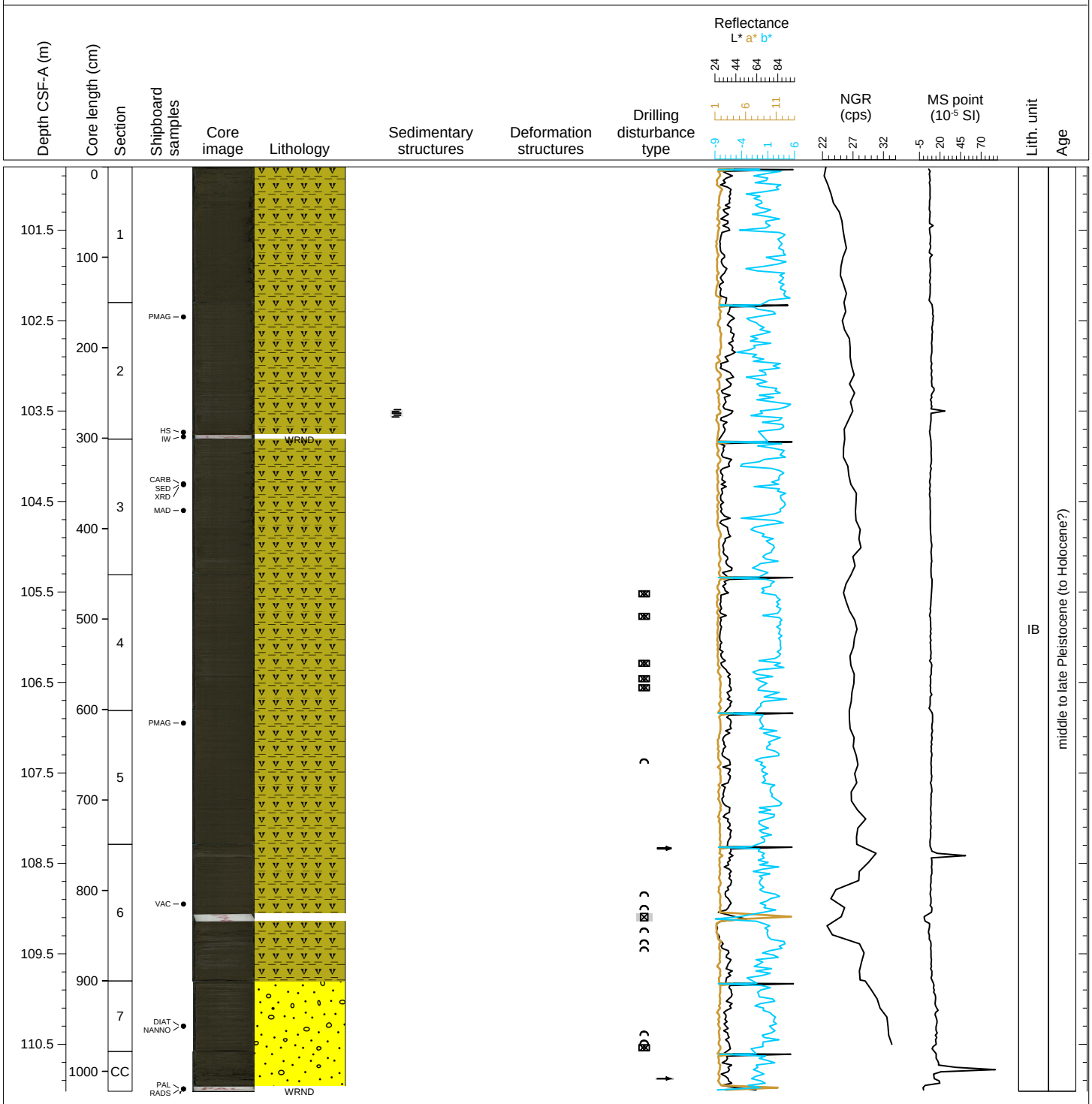
Hole 385-U1550A Core 11H, Interval 91.3-101.1 m (CSF-A)

This core consists of homogenous olive gray (5Y 3/2) CLAY-RICH DIATOM OOZE with rare, very small patches of SAND.



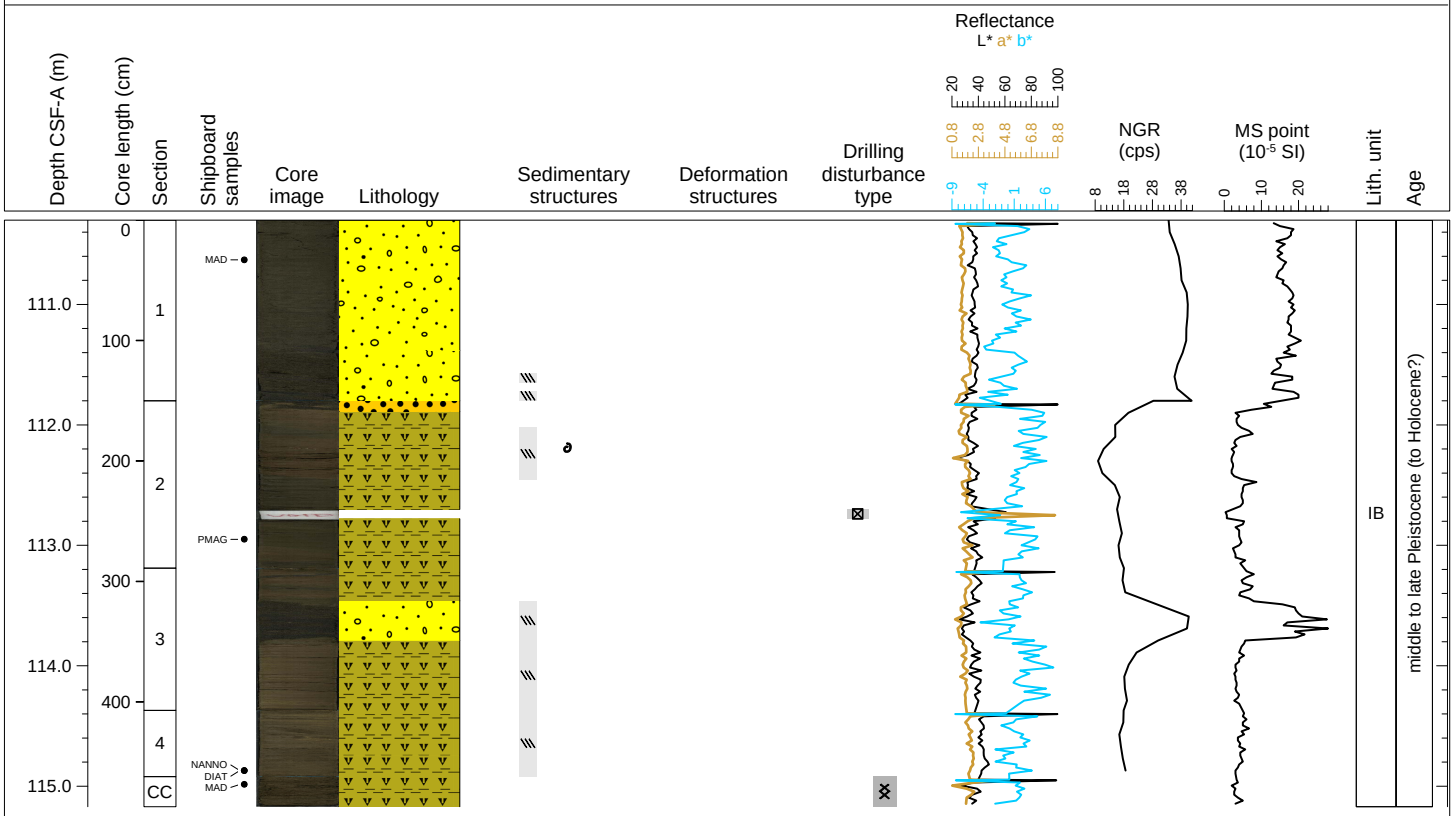
Hole 385-U1550A Core 12H, Interval 100.8-111.02 m (CSF-A)

This core consists of homogenous olive gray (5Y 3/2) NANNOFOSSIL-BEARING DIATOM CLAY and SILTY SAND. A medium gray (N6) interval of SILT is present at 119-126 cm in section 2. A pale yellowish brown (10YR 6/2) SAND layer is present at 12-14 cm in section 6.



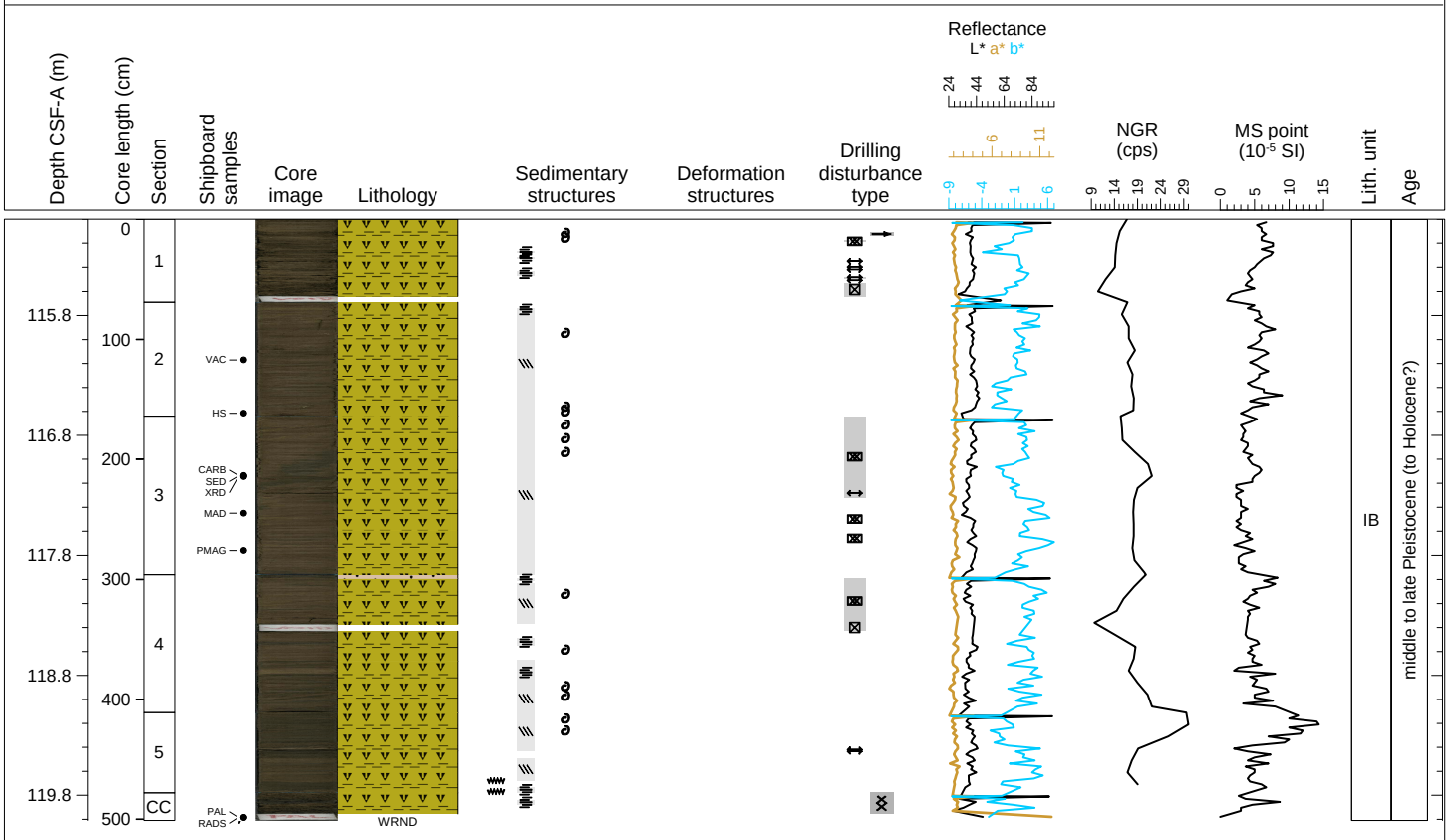
Hole 385-U1550A Core 13F, Interval 110.3-115.17 m (CSF-A)

This core consists of olive gray (5Y 3/2) NANNOFOSSIL-BEARING DIATOM CLAY and SILTY SAND. From sections 1 to 4, tilted and folded lamination is present that is characterized by an alternation between SAND and CLAY layers. Black SAND patches are present at 0-9 cm in section 2. Shell fragments are present at 39 cm in section 2. All of section CC is highly disturbed by drilling (breccia).



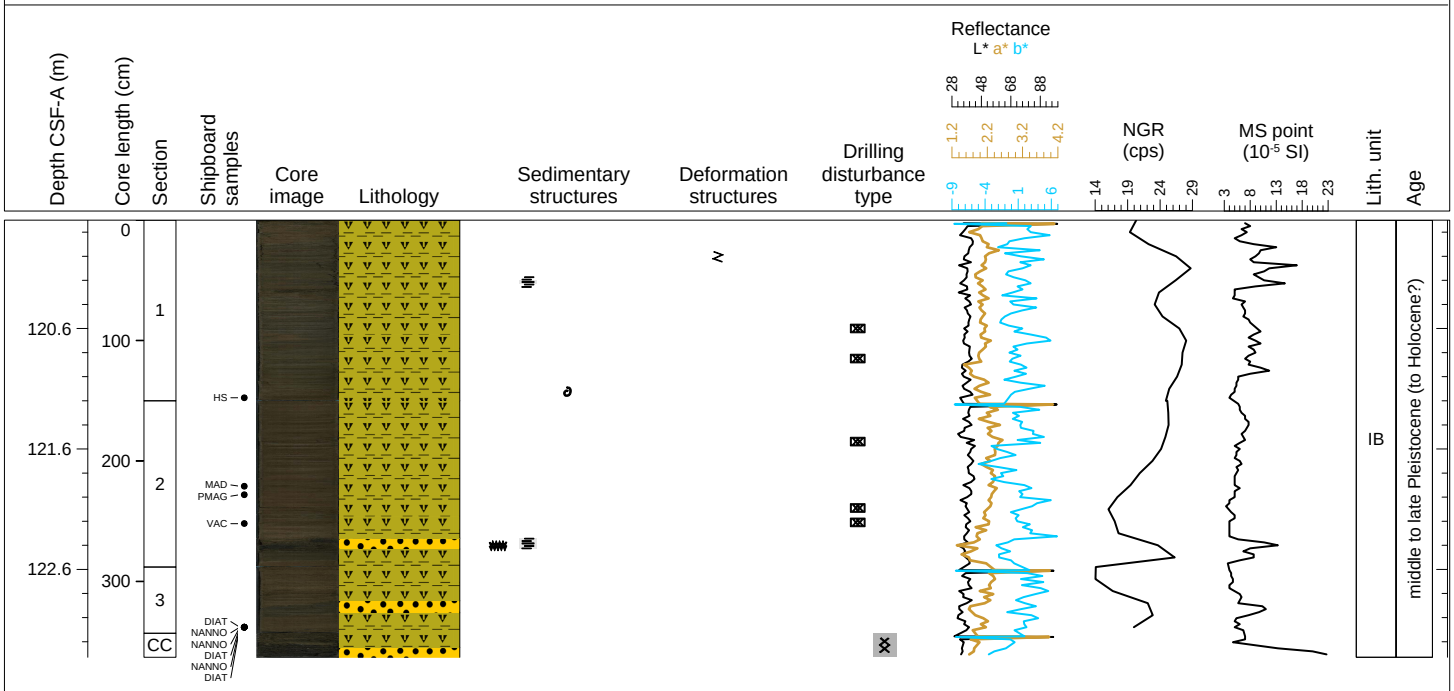
Hole 385-U1550A Core 14F, Interval 115.0-120.01 m (CSF-A)

This core consists of mainly laminated, moderate olive brown (5Y 4/4) NANNOFOSSIL-RICH DIATOM CLAY. Tilted and folded laminae are present in sections 2 (7-94 cm), 3 (0-132 cm) and 4 (7-41 cm, 72-114 cm). Shell fragments are present in sections 1 to 5. The bottom of section 1 and the whole of section CC are highly disturbed by drilling (breccia).



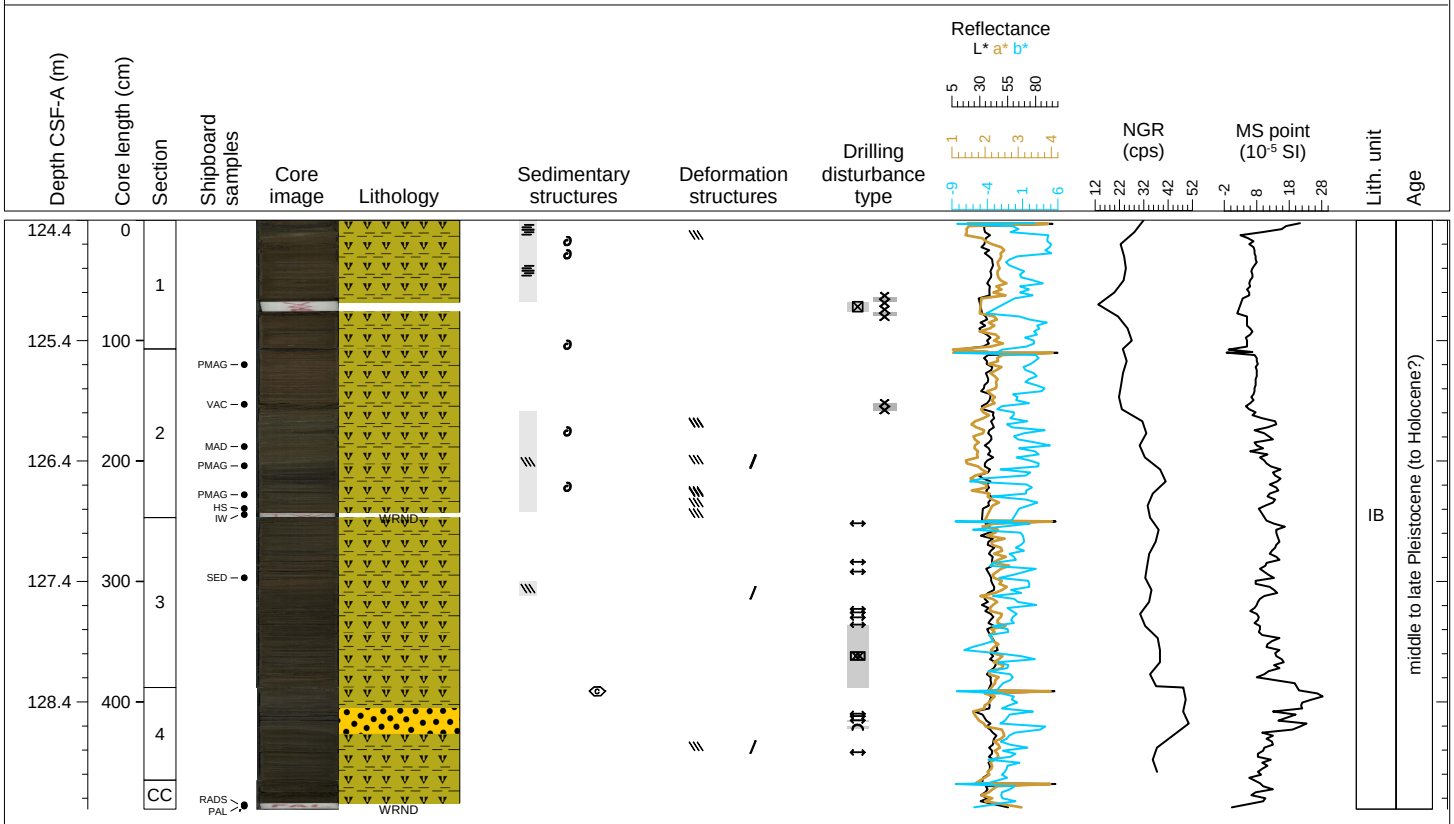
Hole 385-U1550A Core 15F, Interval 119.7-123.33 m (CSF-A)

This core consists of dark yellowish brown (10YR 4/2) to olive gray (5Y 3/2) NANNOFOSSIL-BEARING DIATOM CLAY. Dark gray (N3) laminae and patches are present in sections 1 (50-53 cm), 2 (114-121 cm), 3 (28-38 cm, 51-55 cm) and CC (12-20 cm). Shell fragments are present in sections 1 to 3. The whole section CC is highly disturbed by drilling (breccia).



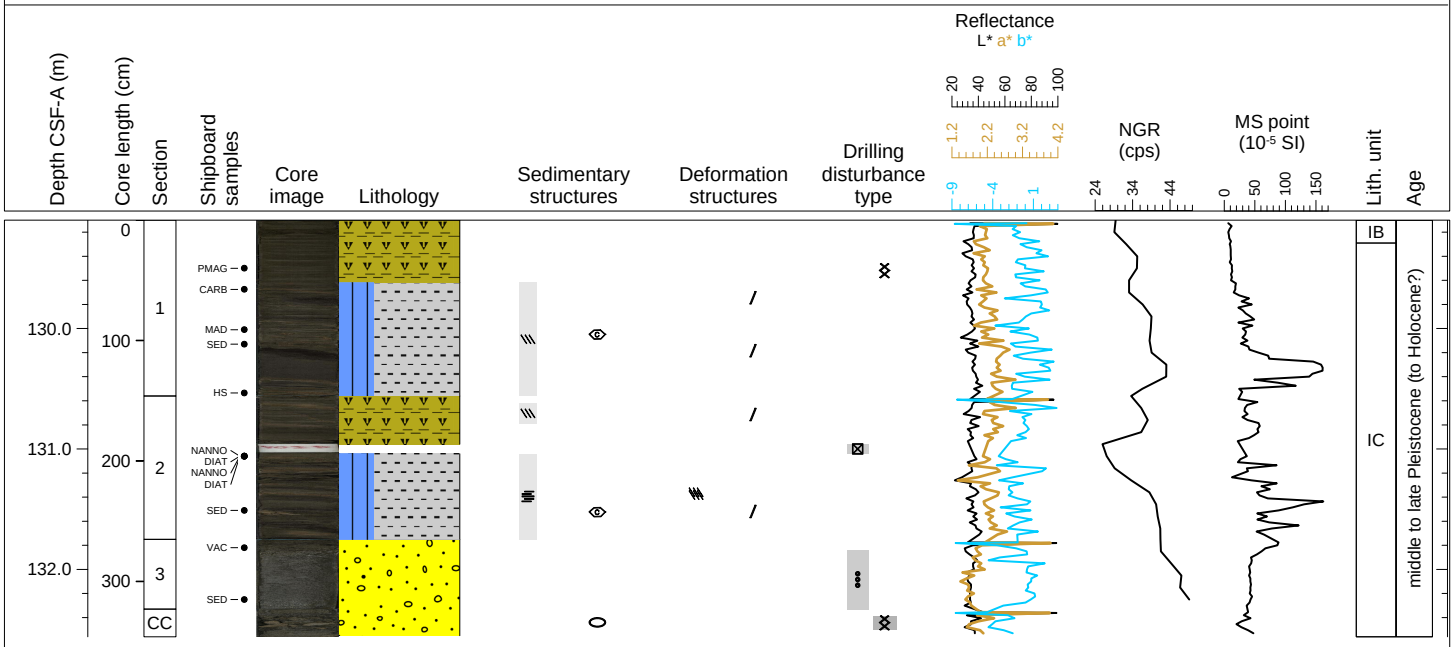
Hole 385-U1550A Core 16F, Interval 124.4-129.29 m (CSF-A)

This core consists of olive gray (5Y 3/2) SILT-BEARING NANNOFOSSIL-RICH DIATOM CLAY. Dark gray (N3) to medium dark gray (N4) laminae and patches are present in section 1 (0-7 cm). Tilted and folded laminae are present in sections 2 to 3. Shell fragments are present in sections 1 and 2. Small carbonate concretions are present at 3-3.5 cm in section 4.



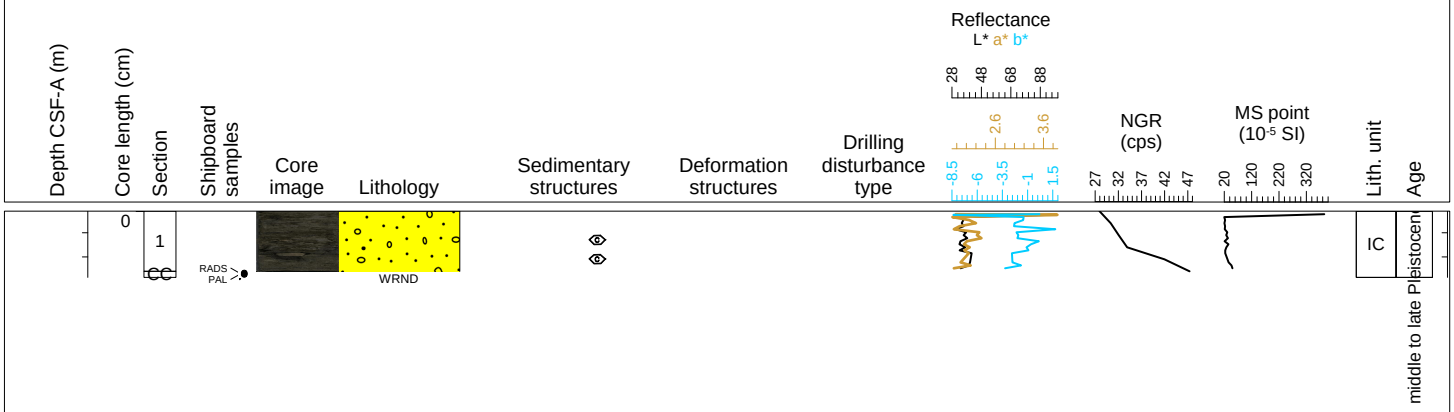
Hole 385-U1550A Core 17F, Interval 129.1-132.56 m (CSF-A)

This core consists of an alternation between dusky yellowish brown (10YR 2/2) DIATOM CLAY and dark yellowish brown (10YR 4/2) MICRITE-RICH CLAY from sections 1 to 2. Tilted and folded laminae are present in sections 1 and 2. Black SAND patches and pale yellowish brown (10YR 6/2) micrite-rich patches are also present in sections 1 and 2. Sections 3 to CC are composed of medium dark gray (N4) SILTY SAND. Several pieces of sandstone with carbonate cement are present at 7-15 cm in section CC.



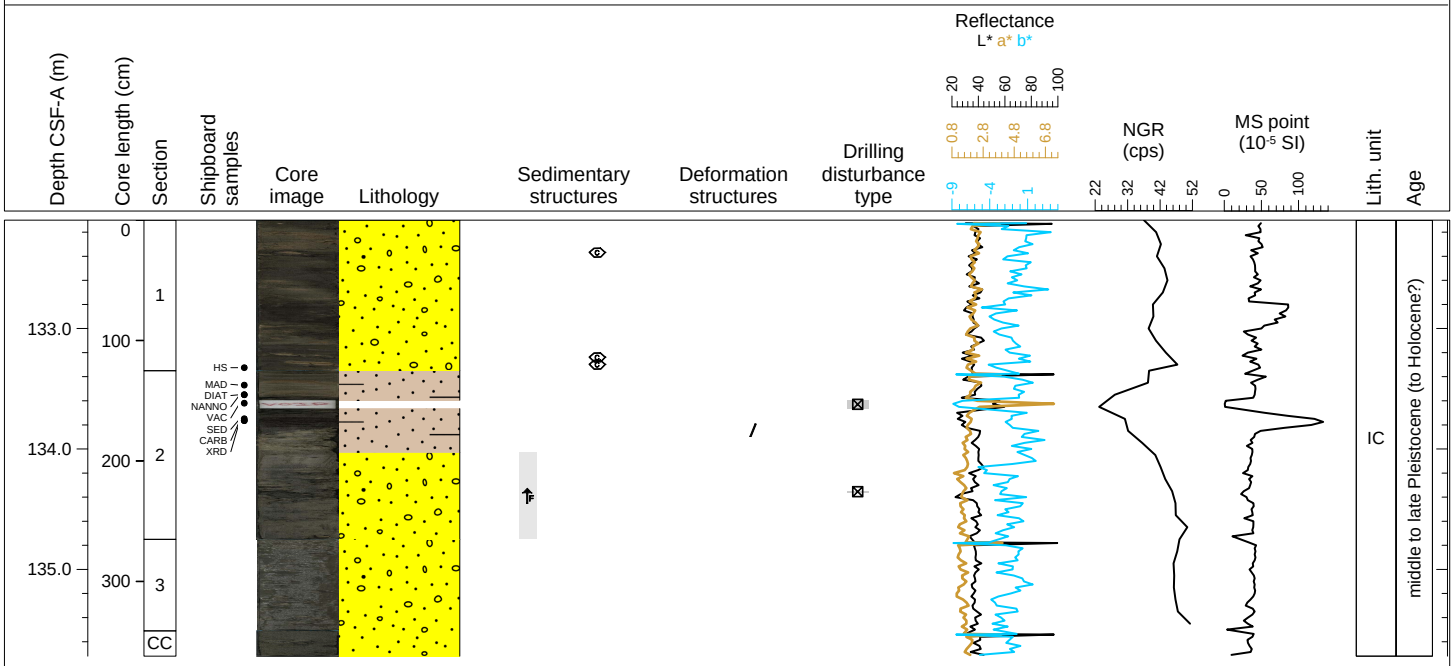
Hole 385-U1550A Core 18X, Interval 131.1-131.65 m (CSF-A)

This core consists of homogeneous dusky yellowish brown (10YR 2/2) SILTY SAND. Carbonate concretions are present at 24-44 cm in section 1.



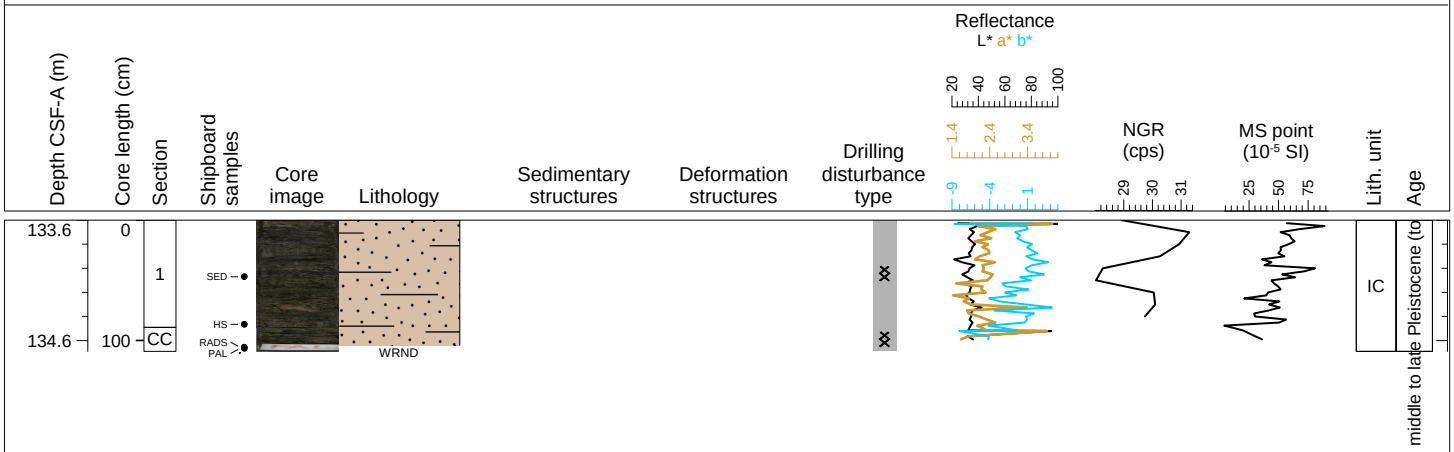
Hole 385-U1550A Core 19F, Interval 132.1-135.72 m (CSF-A)

This core consists of homogeneous dusky yellowish brown (10YR 2/2) SILTY SAND from section 1 through the top 25 cm of section 2. An underlying depositional unit below this is composed of organic matter-rich black olive (5Y 2/1) CLAYEY SILT, yellowish gray (5Y 7/2) CLAYEY SILT and light olive gray (5Y 5/2) SILTY SAND that fines upward. Carbonate concretions are present at 26-28 cm, 112-116 cm and 118-122 cm in section 1. Pebbles (locally cemented sandstone?) are also present at 135-138 cm in section 2 and throughout section 3.



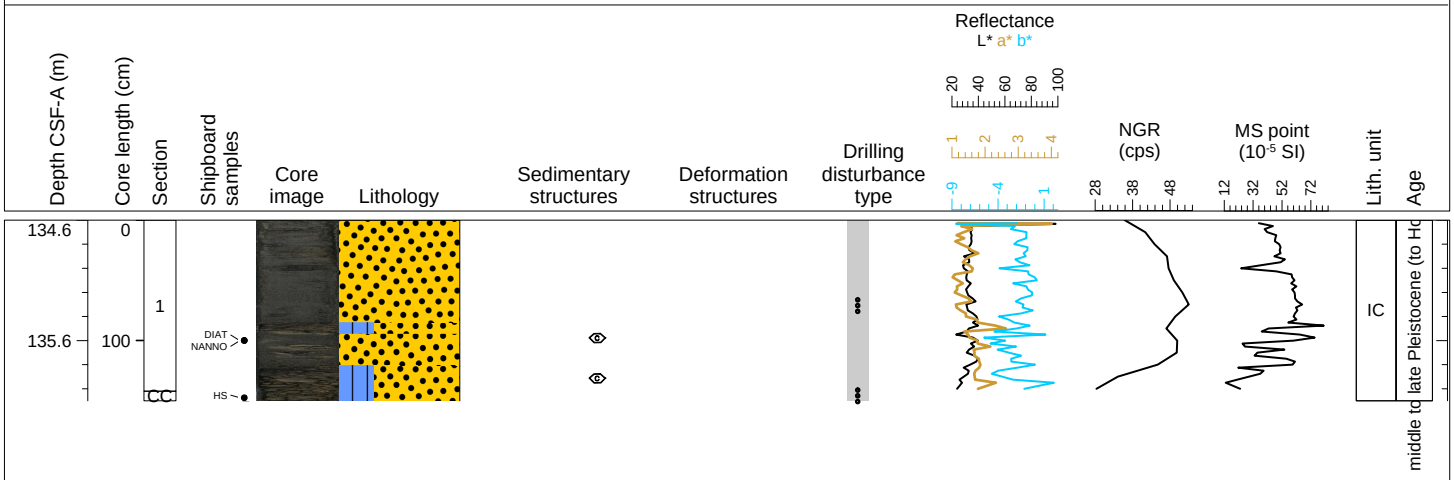
Hole 385-U1550A Core 20X, Interval 133.6-134.69 m (CSF-A)

This core is highly disturbed by drilling and is composed of olive gray (5Y 4/1) micrite- and organic matter-bearing SILTY CLAY with fragments of other indurated sediments.



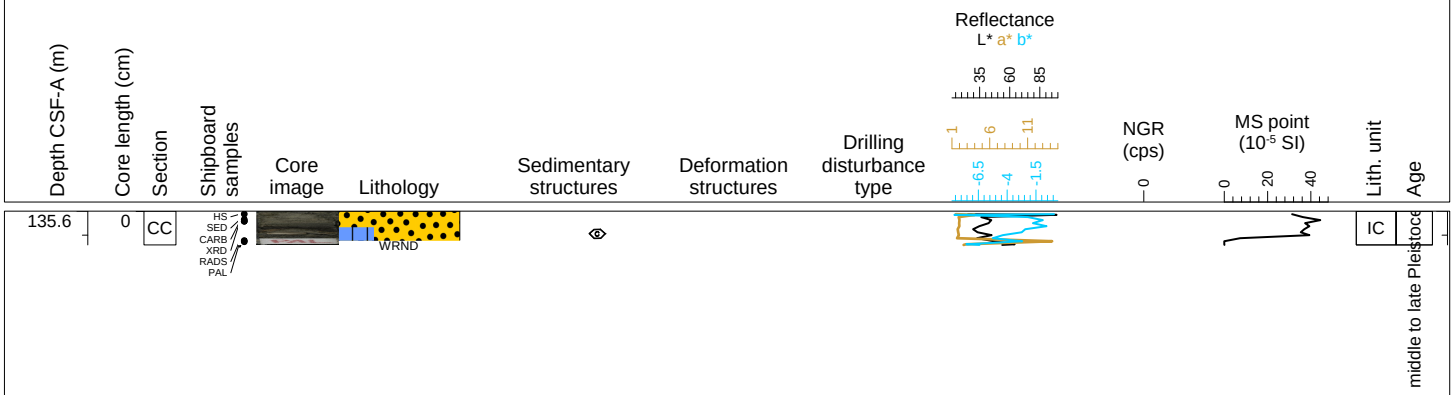
Hole 385-U1550A Core 21F, Interval 134.6-136.1 m (CSF-A)

This core, which is highly disturbed by drilling, is composed of medium dark gray (N4) SAND alternating with fragments of MICRITE-RICH SANSDTONE and CARBONATE CONCRETIONS. The core consists of these lithified fragments in a soupy SAND.



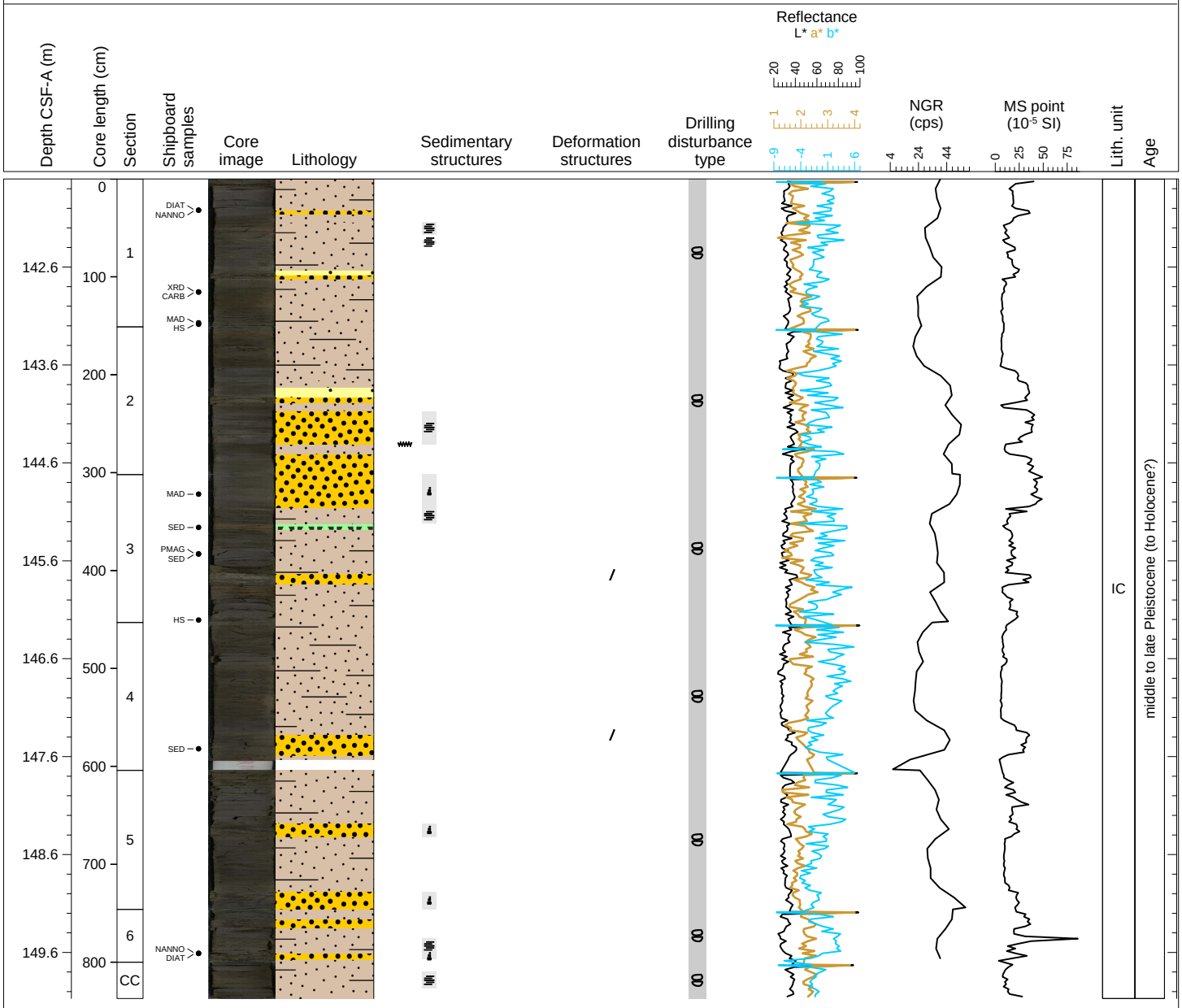
Hole 385-U1550A Core 22X, Interval 135.6-135.88 m (CSF-A)

This core consists on SAND and MICRITE-RICH SAND with carbonate concretions. A dark layer of organic matter-rich SILTY SAND is also present.



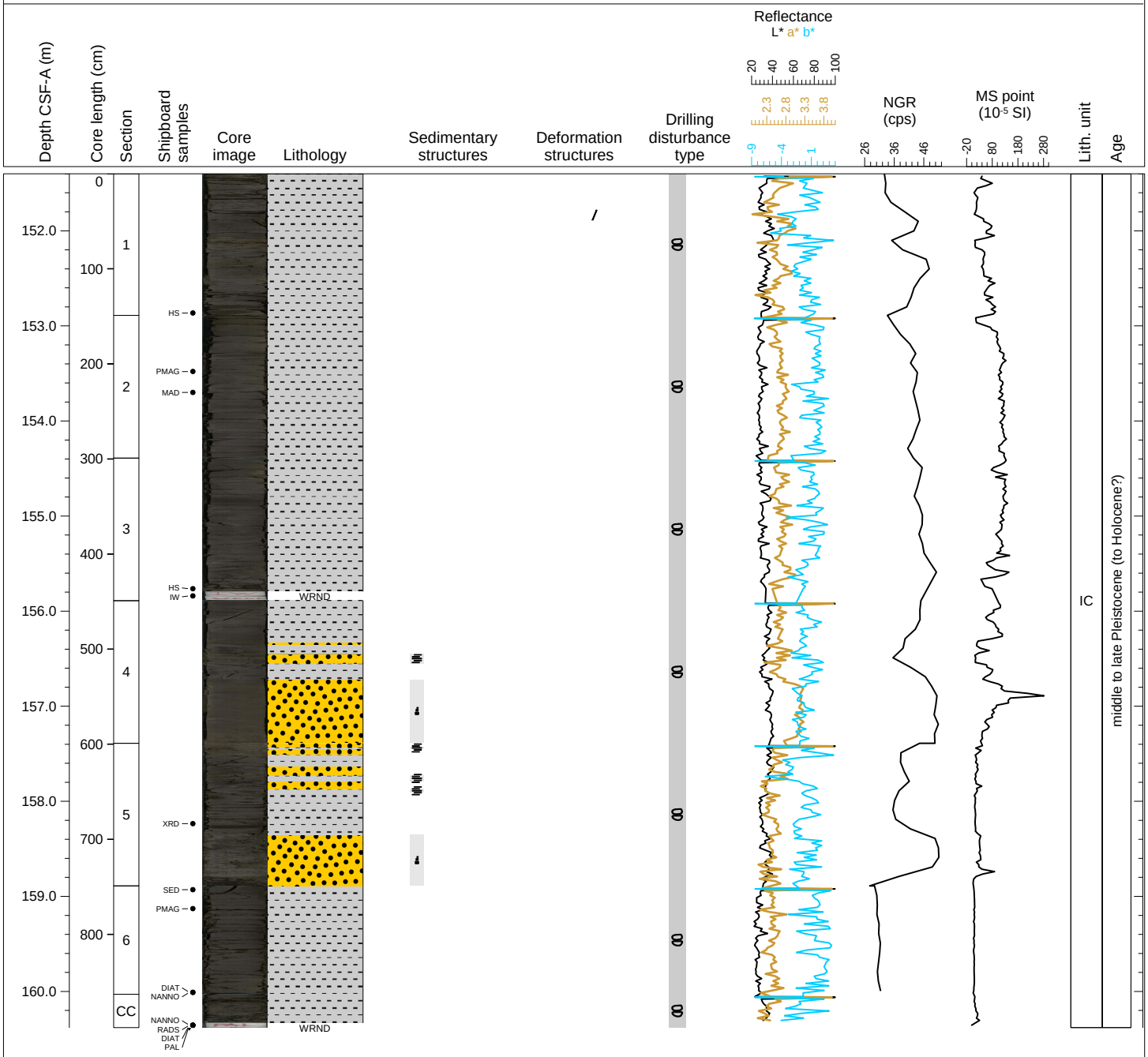
Hole 385-U1550A Core 23X, Interval 141.7-150.07 m (CSF-A)

This core consists of biscuited, dark yellowish brown DIATOM-RICH SILTY CLAY alternating with depositional units composed of normally-graded SAND at their base, ranging to CLAYEY SILT at their tops. Lamination is present in thin intervals in sections 1, 3 and CC. A lighter interval in section 3 is NANNO- AND CLAY-RICH DIATOM OOZE.



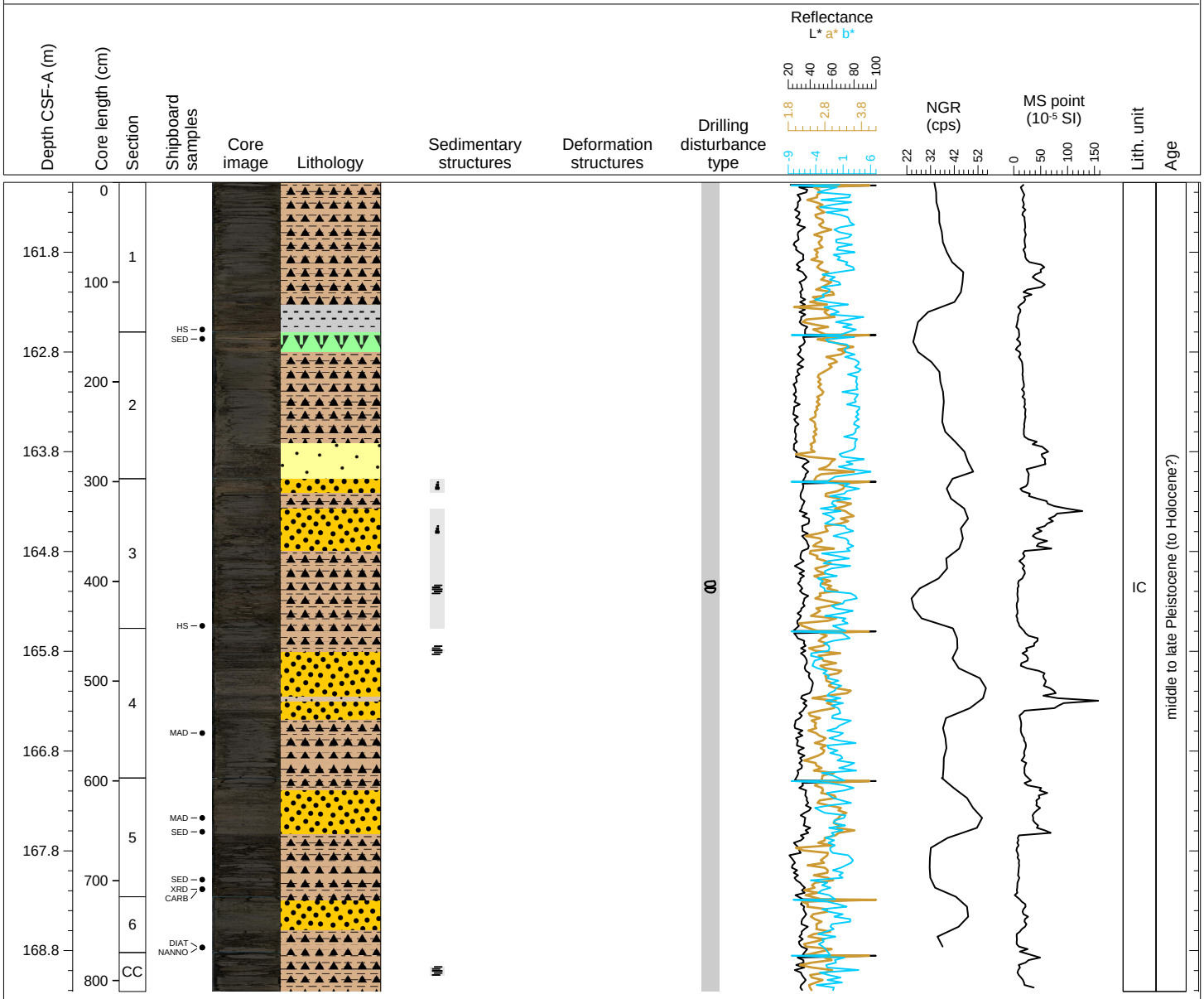
Hole 385-U1550A Core 24X, Interval 151.4-160.38 m (CSF-A)

This core is composed of biscuited, homogenous, dark yellowish brown DIATOM-RICH CLAY with SAND intervals in sections 4 and 5. The SAND interval in section 5 (96-142 cm) displays normal grading. A small soft-sediment recumbent fold occurs in section 1 (128-132 cm).



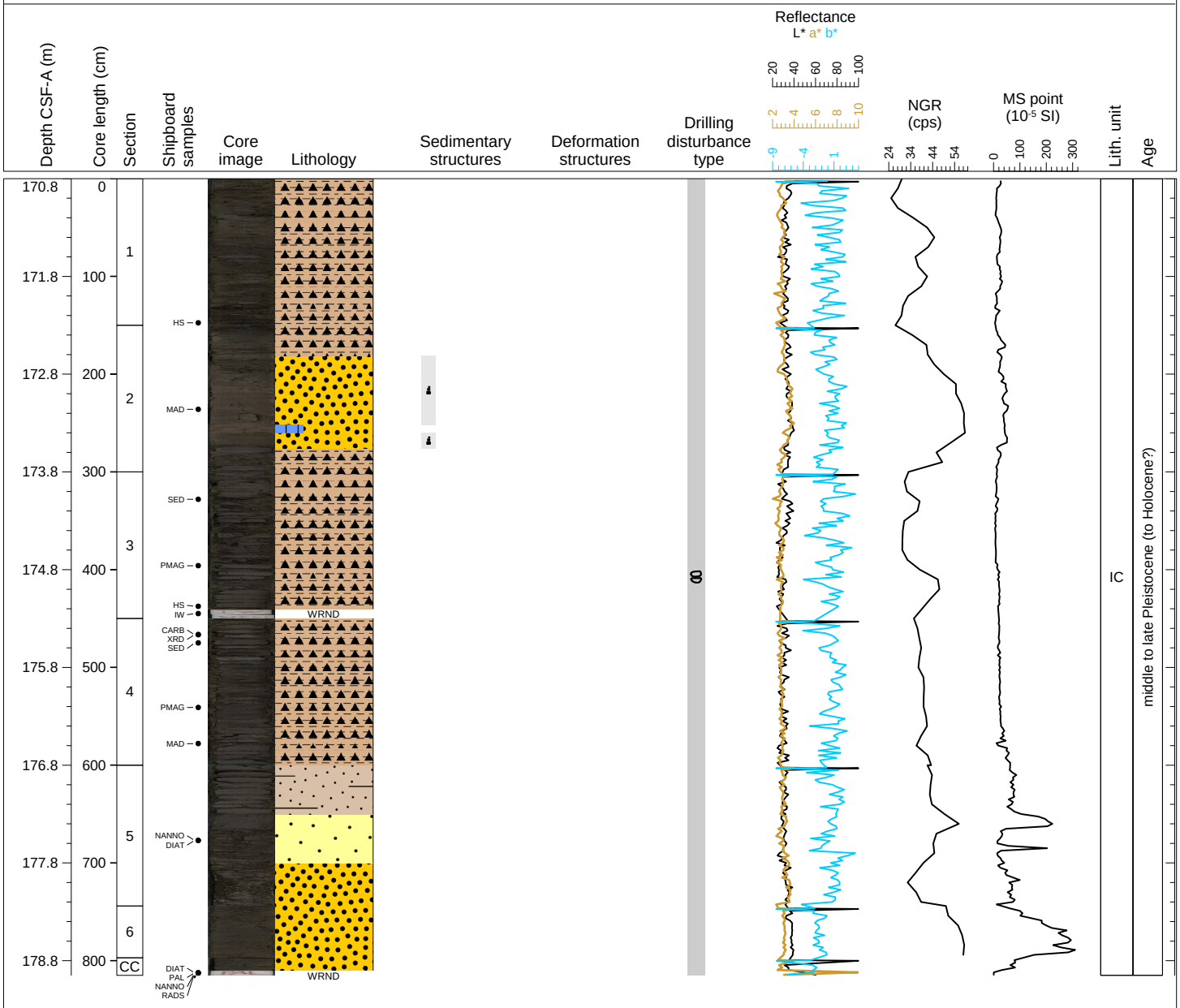
Hole 385-U1550A Core 25X, Interval 161.1-169.21 m (CSF-A)

This core is composed of biscuited dusky yellowish brown SILICEOUS CLAYSTONE with a few laminated intervals in sections 1, 3 and CC. CLAY-RICH DIATOM OOZE is present in the top of core 2. Diatoms are rare in packages of SILICEOUS CLAYSTONE, SAND and SILT. SAND is present in sections 2 (111-150) , 3 (0-114 cm and 30-72 cm), 4 (23-68 cm and 73-91 cm), 5 (12-58 cm) and 6 (3-33 cm). Some of the SAND layers display normal grading.



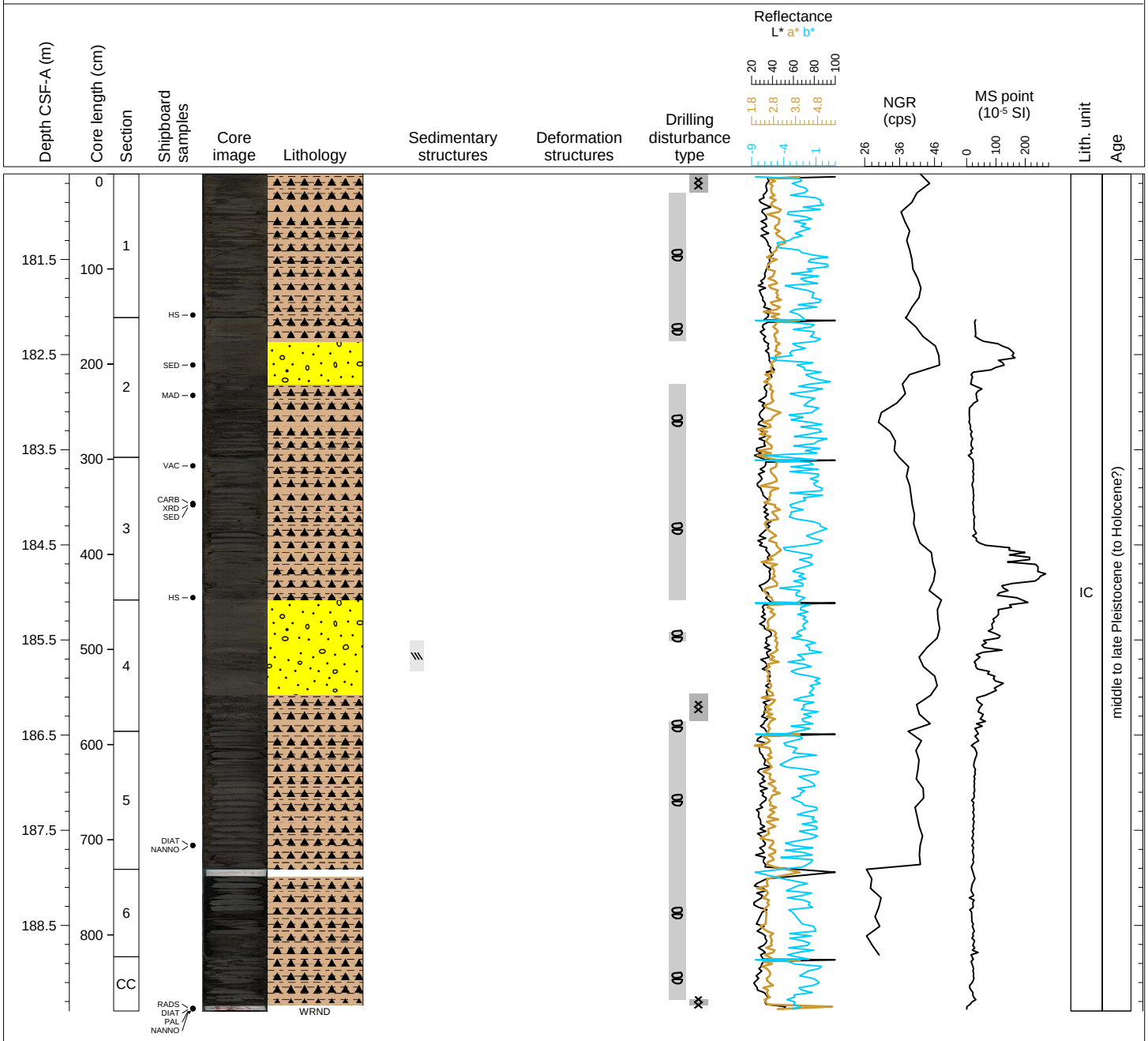
Hole 385-U1550A Core 26X, Interval 170.8-178.95 m (CSF-A)

This core consists of biscuited homogeneous dark yellowish brown SILT-RICH SILICEOUS CLAYSTONE. In section 2, a normally-graded SAND is present (31-126 cm) that becomes lighter in color between 102-110 cm where it becomes MICRITE-RICH SAND. In section 3, a thin black layer of CLAY-RICH LIGNITE occurs at 26 cm. The bottom of the core (sections 5 to CC) is composed of a thick, normally-graded SAND layer that passes up section into CLAYEY SILT.



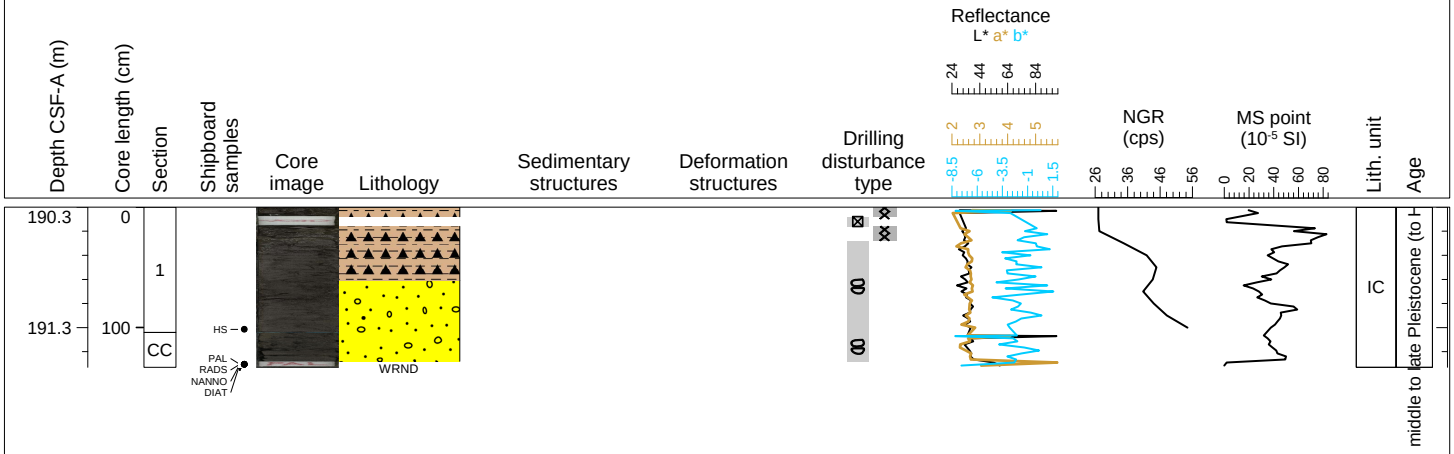
Hole 385-U1550A Core 27X, Interval 180.6-189.4 m (CSF-A)

This core consists of mainly homogeneous grayish brown (5YR 3/2) SILT-RICH SILICEOUS CLAYSTONE. Grayish brown (5YR 3/2) SANDY SILT intervals are also present at 25-70 cm in section 2 and at 0-99 cm in section 4. Folded lamination occurs at 43-75 cm in section 4. The whole core is highly disturbed by drilling (breccia, biscuits).



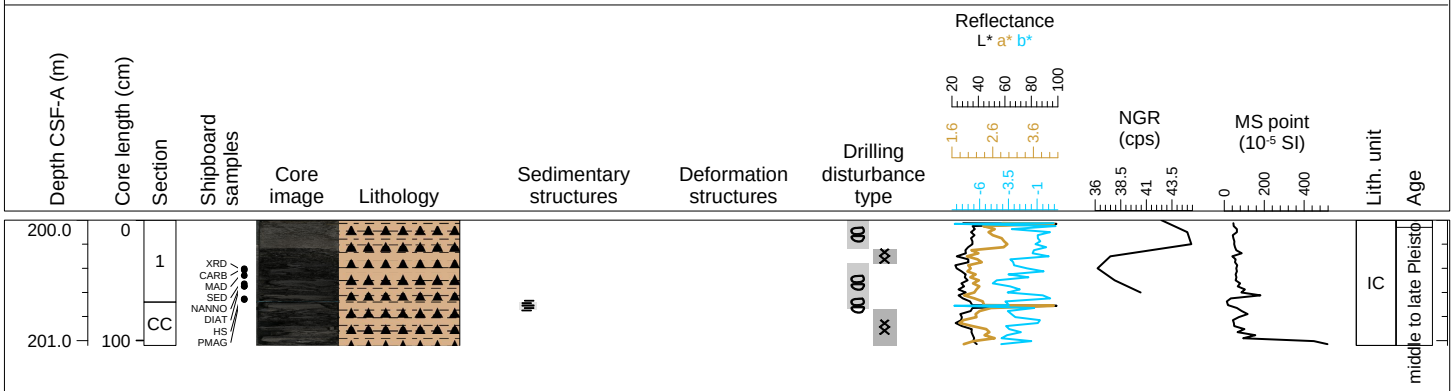
Hole 385-U1550A Core 28X, Interval 190.3-191.63 m (CSF-A)

This core consists of homogeneous grayish brown (5YR 3/2) SILT-RICH SILICEOUS CLAYSTONE and SANDY SILT. The whole core is highly disturbed by drilling (breccia, biscuits).

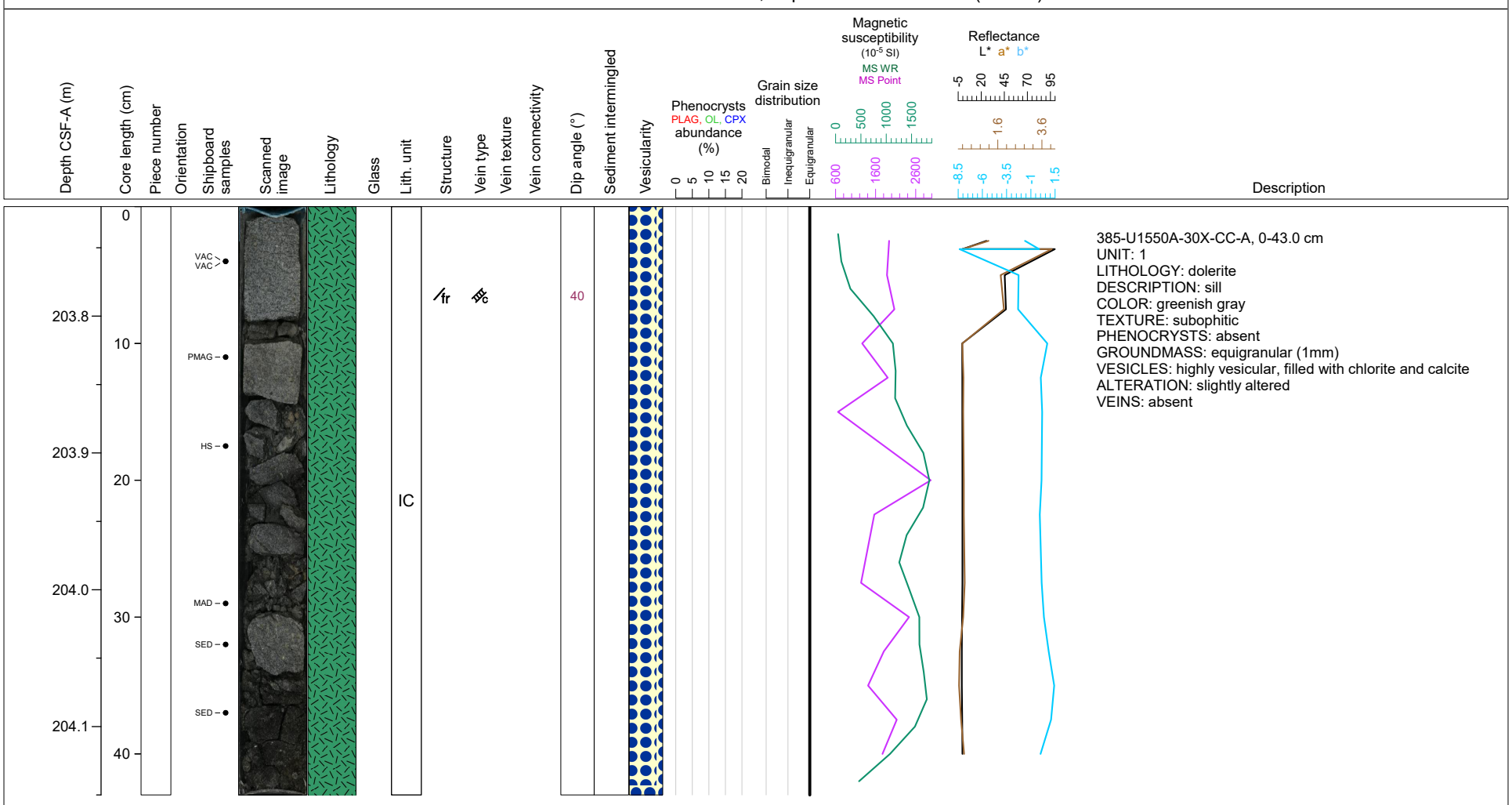


Hole 385-U1550A Core 29X, Interval 200.0-201.04 m (CSF-A)

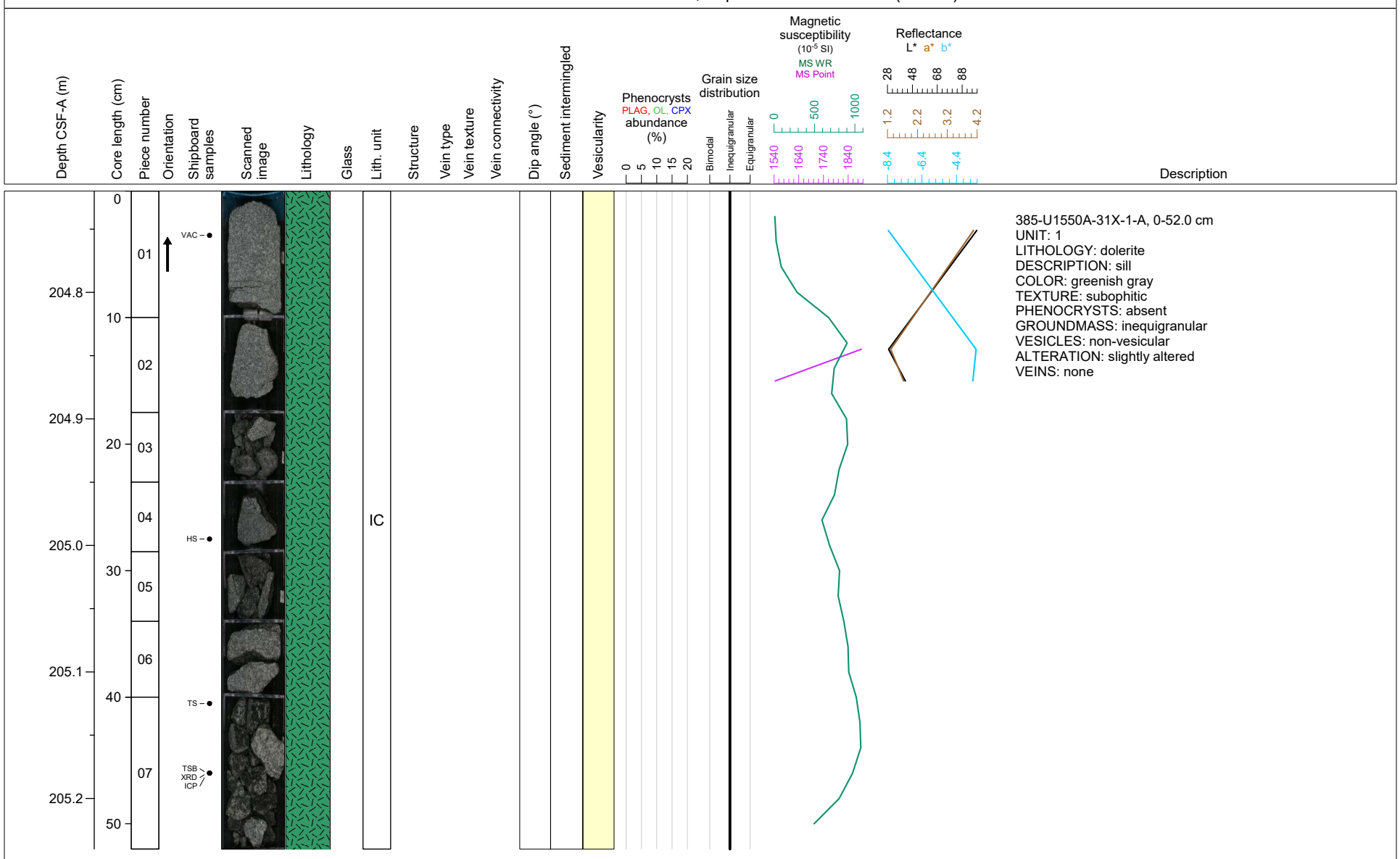
This core consists of homogeneous grayish brown (5YR 3/2) to dark gray (N3) SILT-RICH SILICEOUS CLAYSTONE. Laminae are present at 0-6 cm in section CC. The whole core is highly disturbed by drilling (breccia, biscuits).



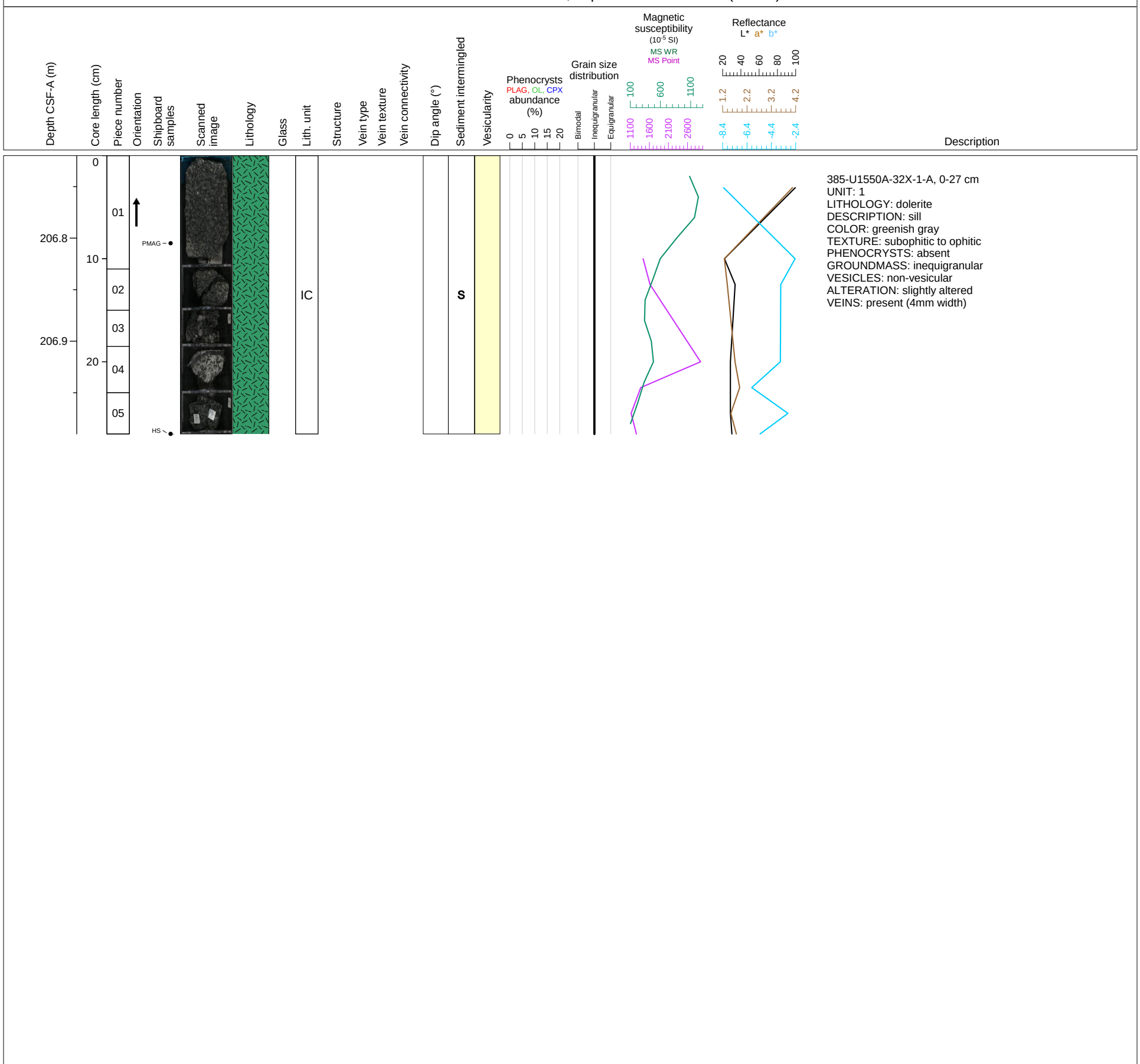
Hole 385-U1550A-30X Section CC, Top of Section: 203.7 m (CSF-A)



Hole 385-U1550A-31X Section 1, Top of Section: 204.7 m (CSF-A)

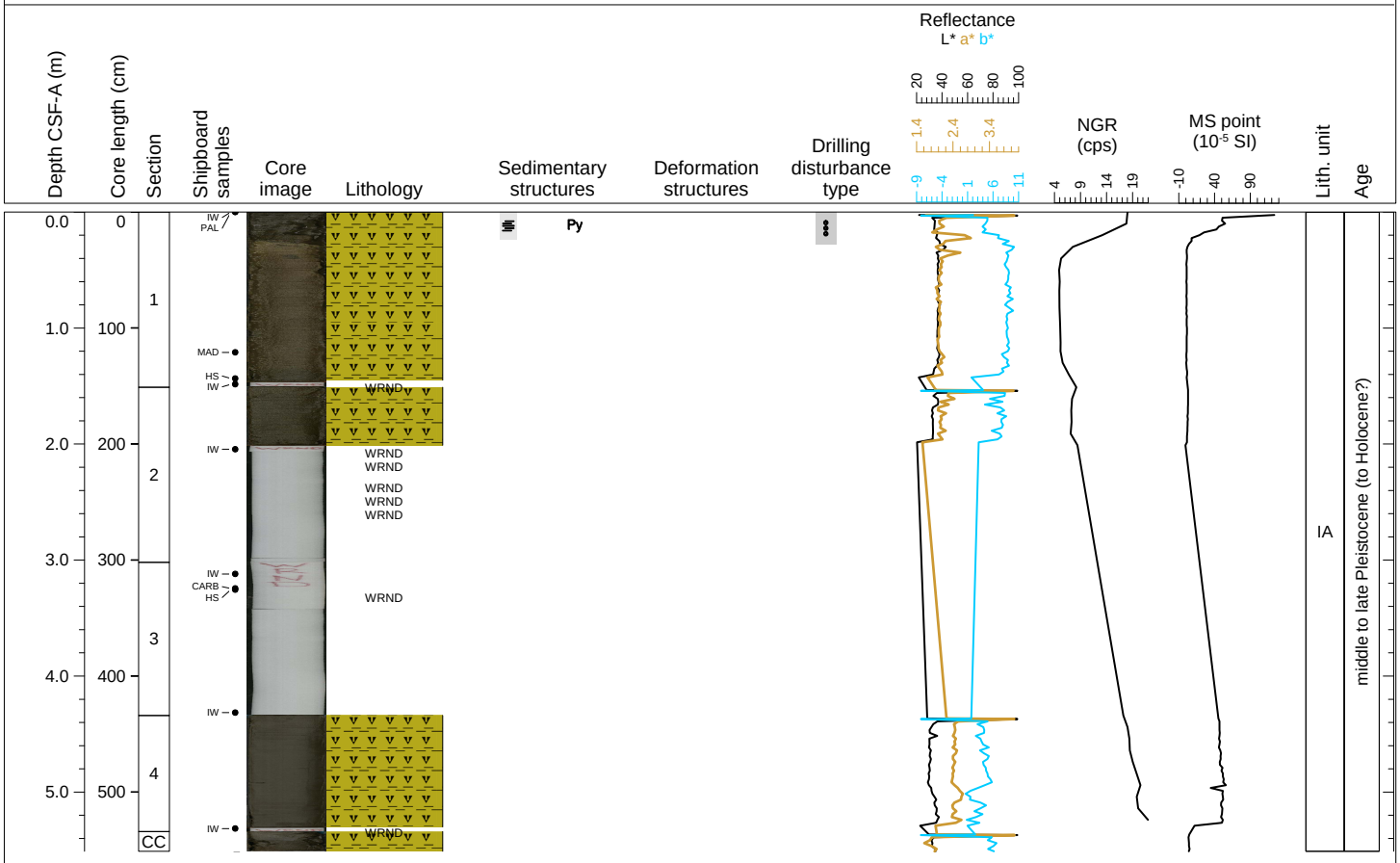


Hole 385-U1550A-32X Section 1, Top of Section: 206.7 m (CSF-A)



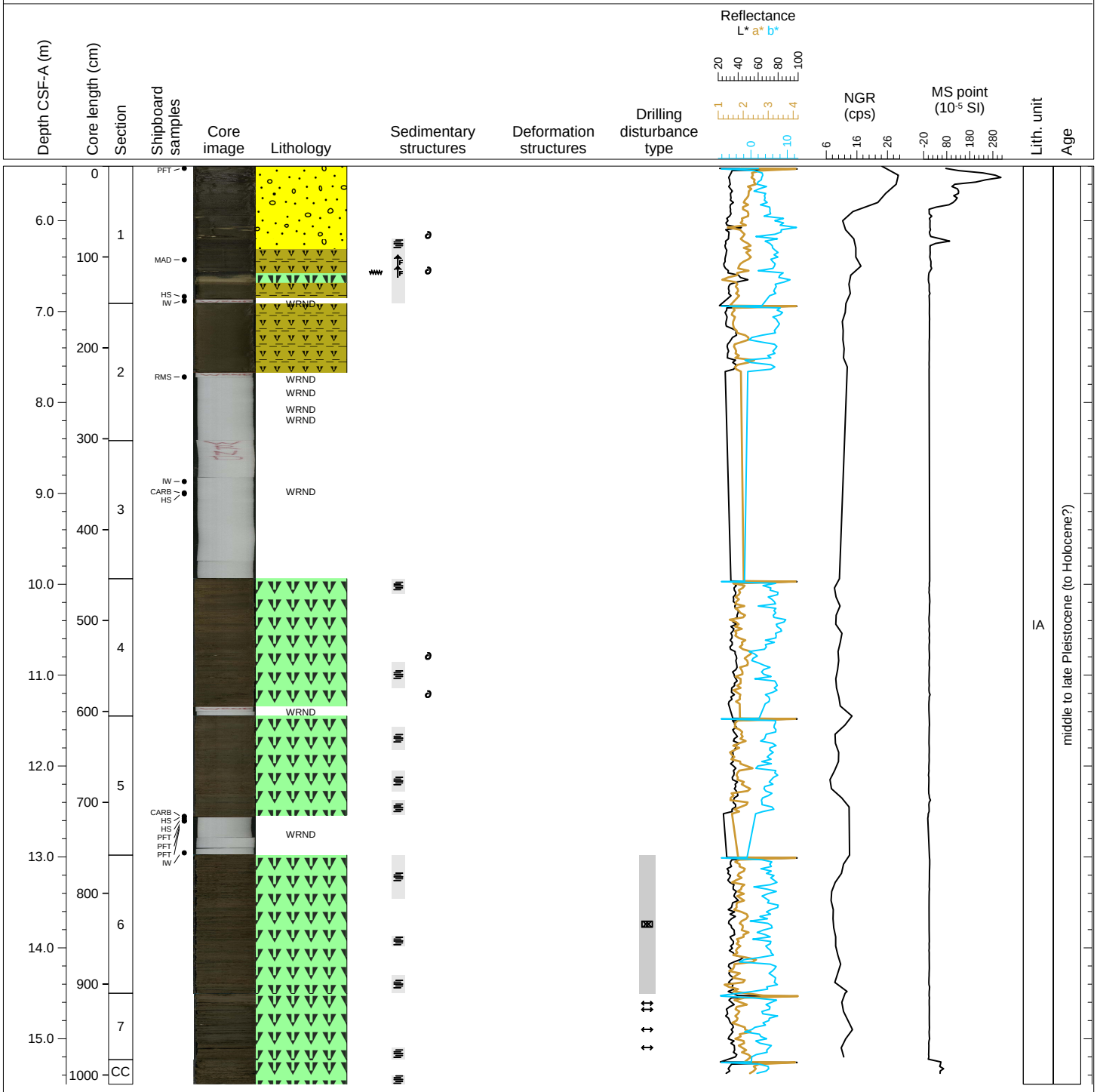
Hole 385-U1550B Core 1H, Interval 0.0-5.51 m (CSF-A)

This core consists of homogenous moderate olive brown (5Y 4/4) to olive gray (5Y 3/2) DIATOM CLAY from sections 1 to the top 50 cm of section 2 and light olive gray (5Y 5/2) SILT-RICH DIATOM CLAY from sections 4 to CC. Sulfide precipitates are present throughout the top 24 cm of section 1. The top 28 cm of section 1 are highly disturbed by drilling (soupy).



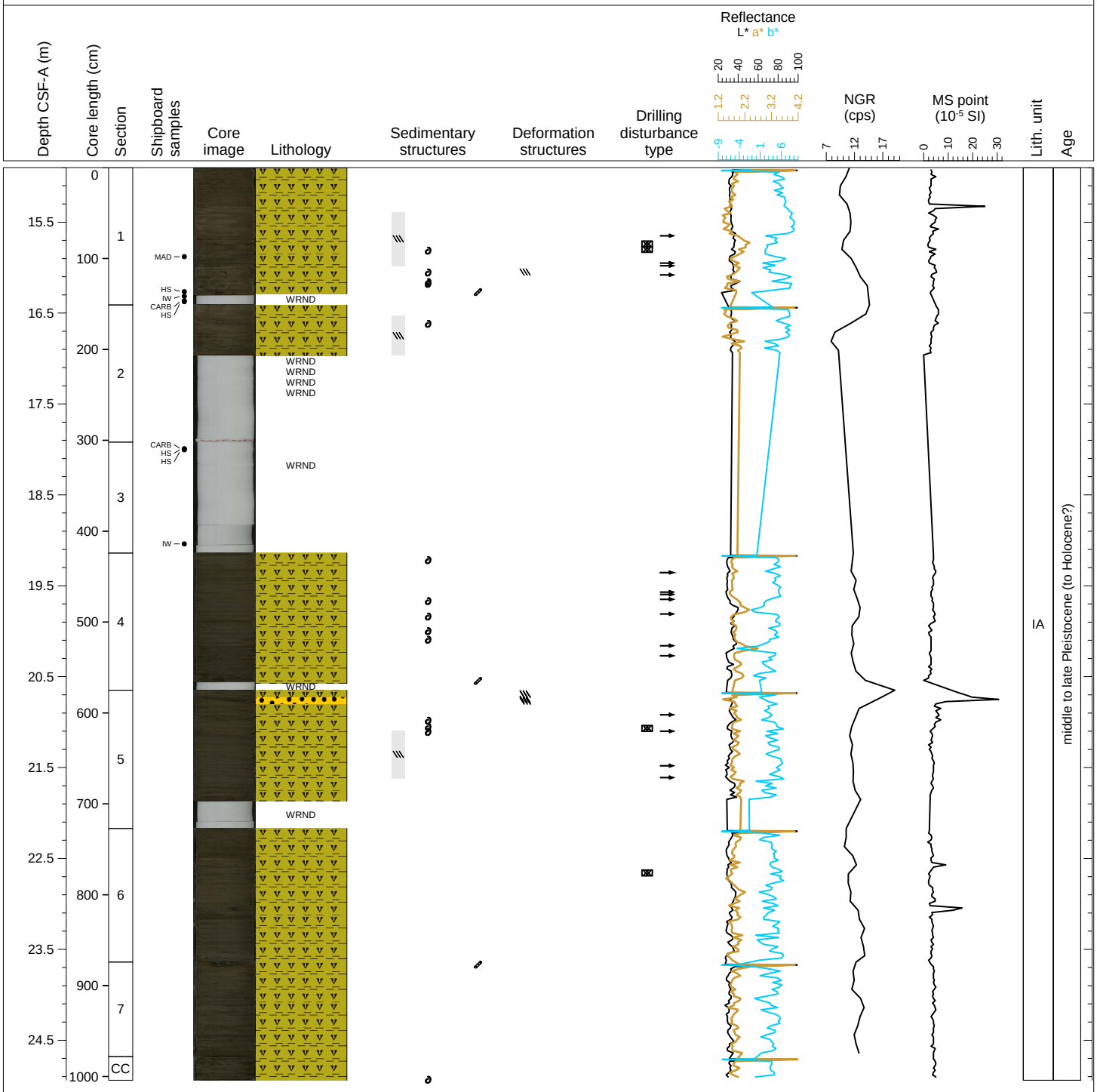
Hole 385-U1550B Core 2H, Interval 5.4-15.5 m (CSF-A)

This core mainly consists of moderate olive brown (5Y 4/4) to olive gray (5Y 3/2) NANNOFOSSIL-RICH DIATOM CLAY. The top 80 cm of section 1 is composed of olive gray (5Y 3/2) SANDY SILT. Much of this core shows evidence of soft-sediment deformation, particularly in section 1 where a depositional unit (80-128 cm) is overturned. This depositional unit is composed of grayer SILTY SAND that fines downward and overlies a light olive gray (5Y 5/2) DIATOM OOZE layer. In section 3, a normal depositional unit is present including a graded bed with dark SAND at the bottom. Disrupted and faint laminae are present in sections 4 (91-121 cm) and 5 (12-37 cm, 60-85 cm, 93-109 cm). Faint lamination is also present in sections 6 (0-48 cm, 89-100 cm, 132-150 cm), 7 (60-73 cm) and CC (17-27 cm). Shell fragments are present in sections 1 (75-77 cm, 115 cm) and 4 (85 cm, 127 cm).



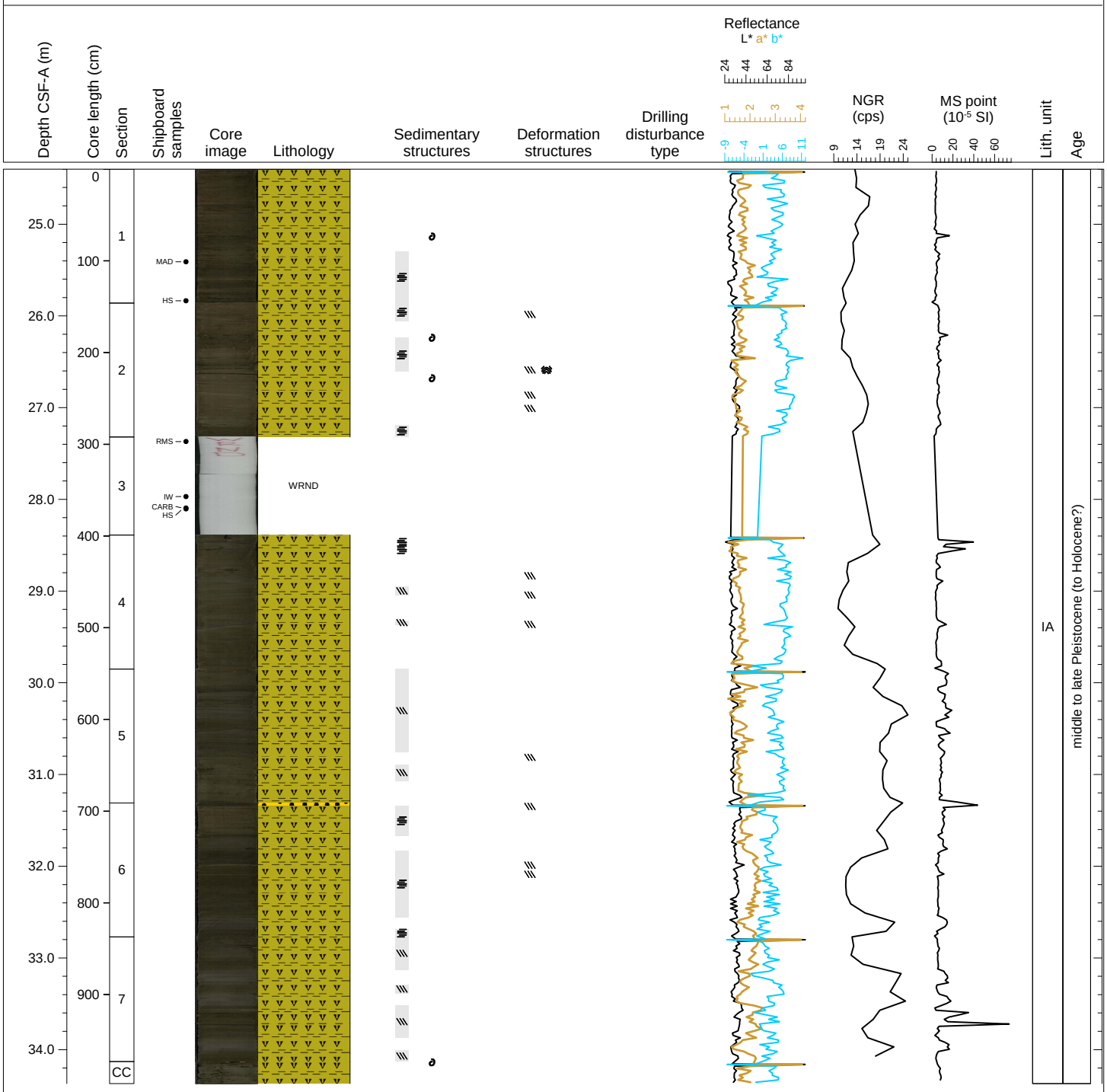
Hole 385-U1550B Core 3H, Interval 14.9-24.94 m (CSF-A)

This core consists of moderate olive brown (5Y 4/4) SILT-BEARING DIATOM CLAY. Tilted and folded laminae are present in sections 1 (49-108 cm), 2 (12-56 cm) and 5 (44-97 cm). Black (N1) SAND layers and patches associated with shell debris are present in sections 5 (7-15 cm) and 6 (85-90 cm). Shell fragments are present in sections 1, 2, 4, 5 and CC.



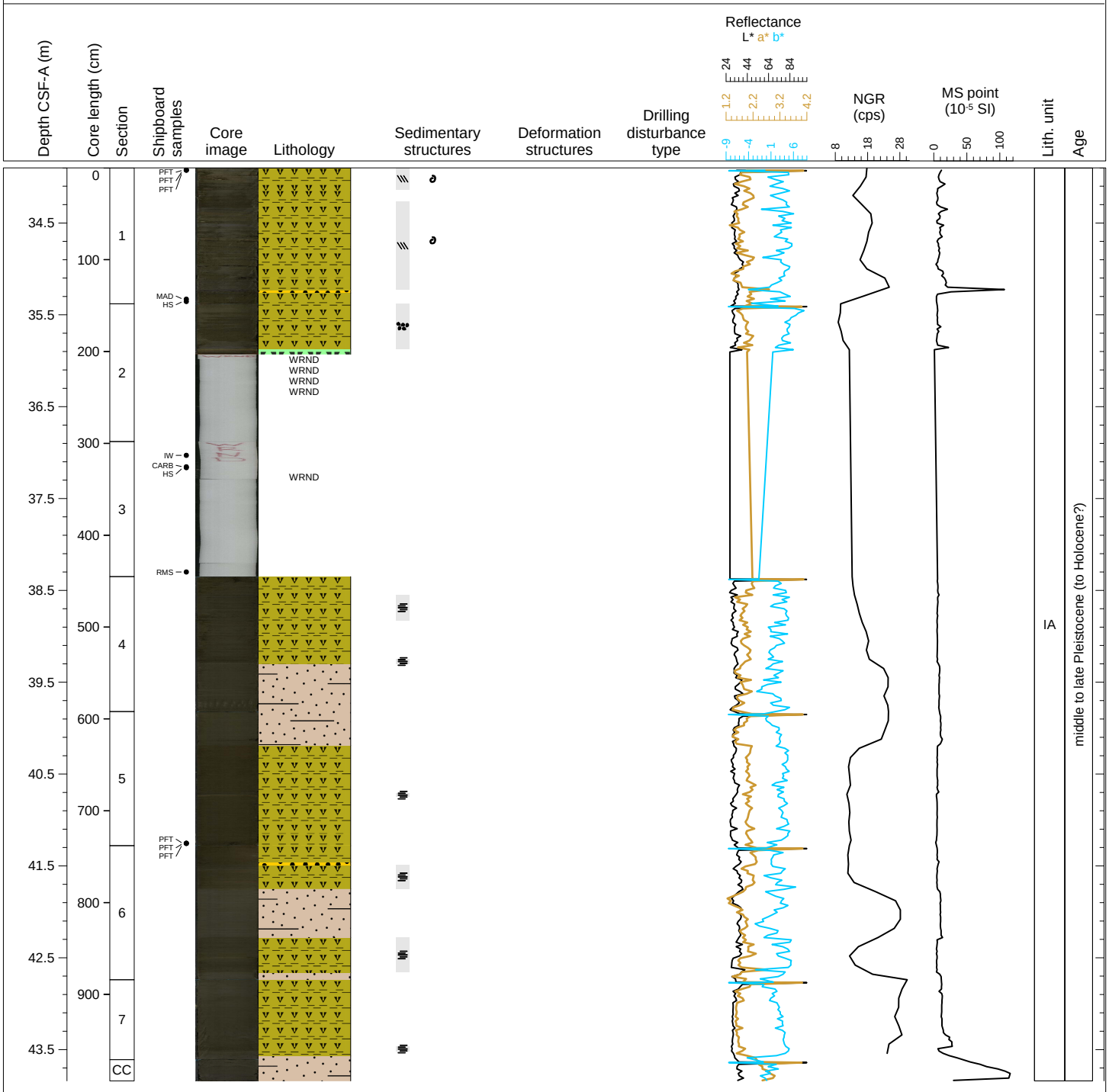
Hole 385-U1550B Core 4H, Interval 24.4-34.37 m (CSF-A)

This core consists of moderate olive brown (5Y 4/4) SILT-BEARING DIATOM CLAY. Disrupted, tilted and folded laminae are present in sections 1 to 7. Dark gray (N3) SAND laminae are present in sections 5 (145-146 cm), 6 (0-3 cm) and 7 (83 cm, 95 cm). Darker gray (N3) SILT layer is present at 8 cm and at 16 cm in section 4. Shell fragments are present in sections 1, 2 and CC.



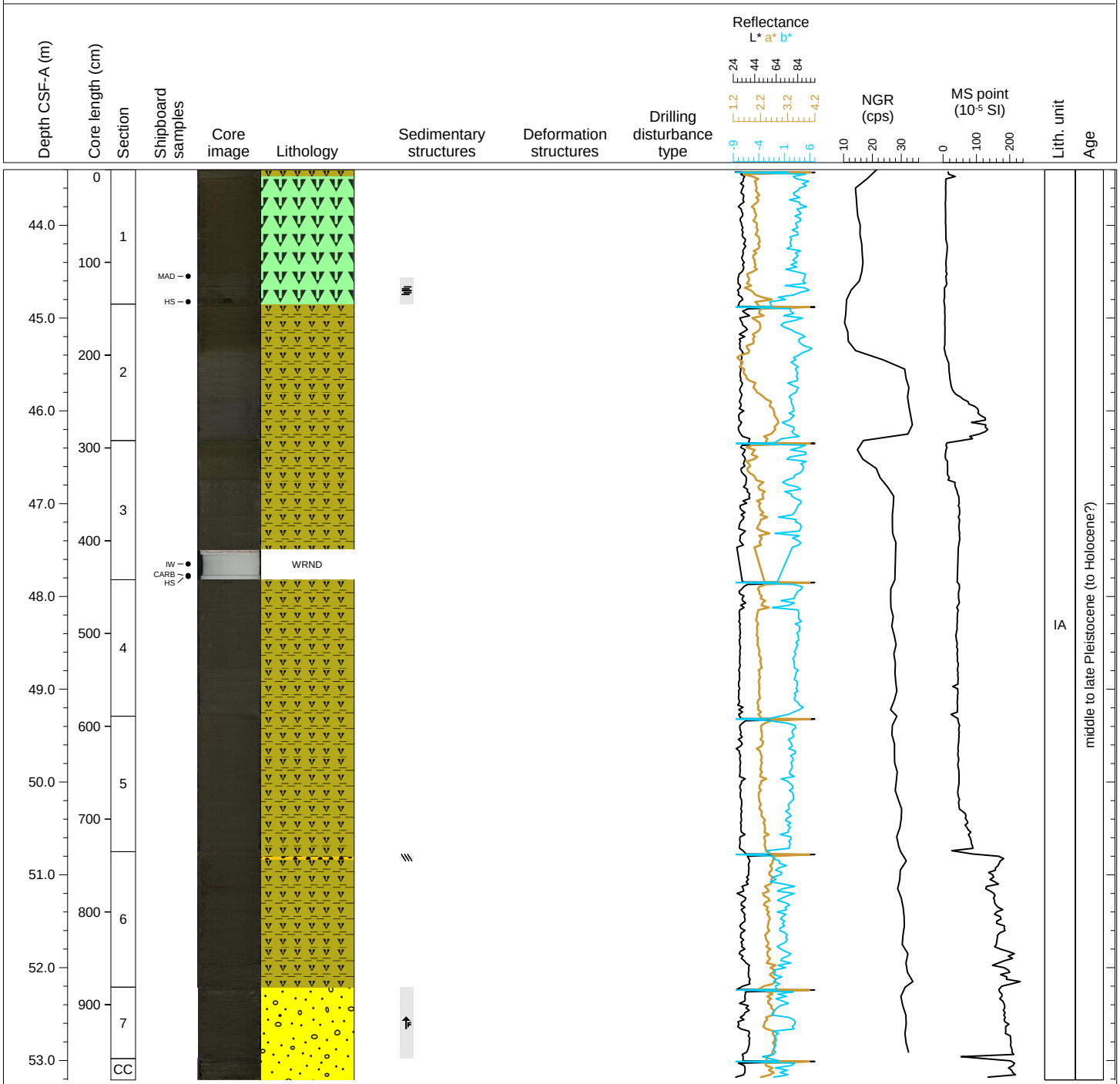
Hole 385-U1550B Core 5H, Interval 33.9-43.84 m (CSF-A)

This core consists of mainly homogenous moderate olive brown (5Y 4/4) SILT-BEARING DIATOM CLAY with intercalated light olive gray (5Y 5/2) DIATOM-RICH CLAYEY SILT intervals in sections 4 to CC. A dusky yellow (5Y 6/4) layer of DIATOM OOZE is present at 49-55 cm in section 2. Slightly tilted laminae are present in section 1 (0-24 cm, 37-133 cm). Faint lamination is also present in sections 4 (20-48 cm, 90-95 cm), 5 (89-93 cm), 6 (21-47 cm, 100-138 cm) and 7 (73-78 cm). Light olive gray (5Y 5/2) FORAMINIFER-RICH SAND layer occurs at 18-25 cm in section 6. Dark gray SAND layers are also present at 133-138 cm in section 1 and at 100 cm in section 6. Shell fragments are present in section 1 (12 cm, 79 cm). A scoria ASH occurs at 118-120 cm in section 1. Sediments are mottled throughout section 2.



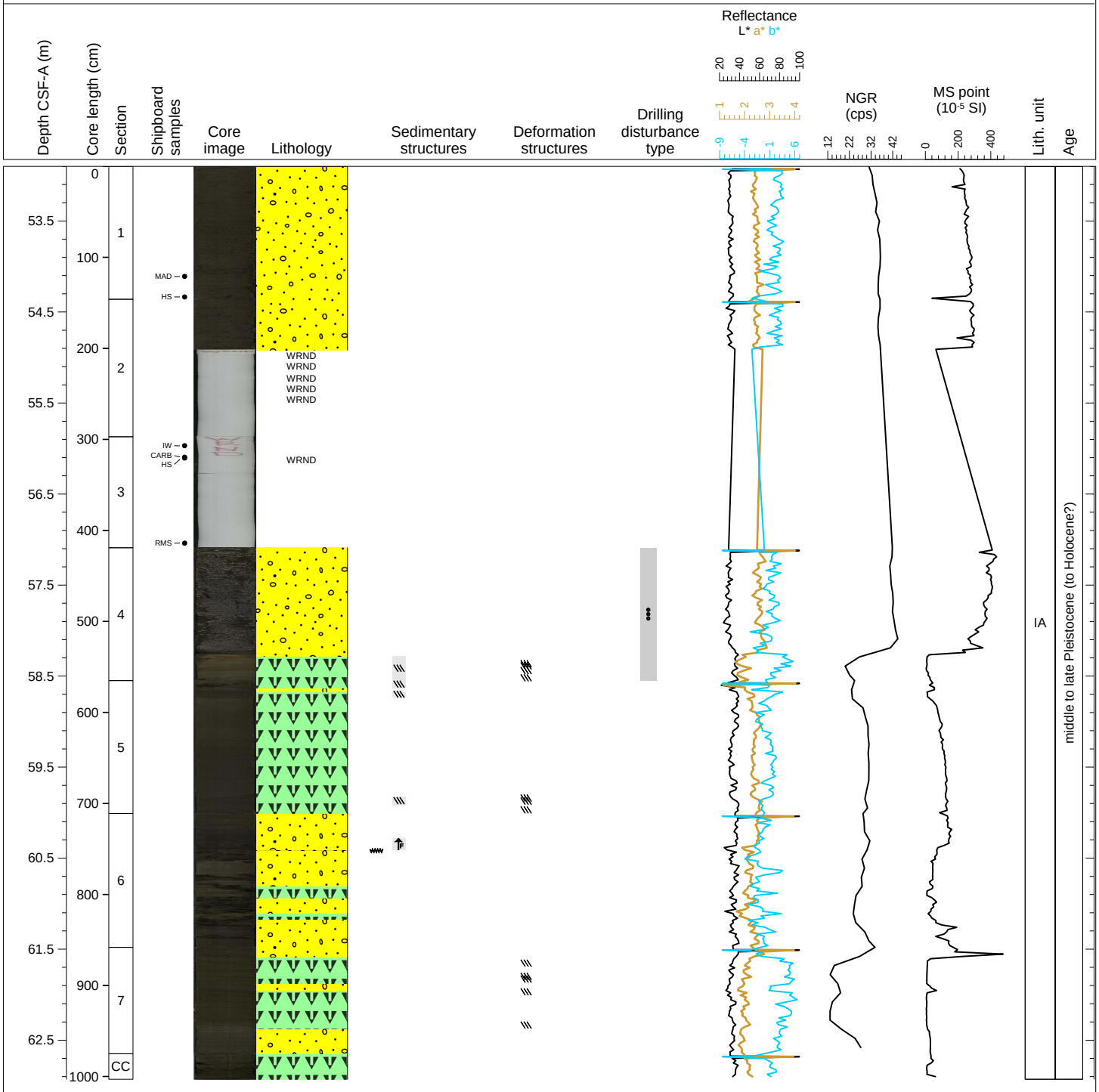
Hole 385-U1550B Core 6H, Interval 43.4-53.21 m (CSF-A)

This core consists of mainly homogenous moderate olive brown (5Y 4/4) CLAY-RICH DIATOM OOZE in Section 1. A depositional unit is present from sections 2 to CC. It is composed of SANDY SILT at the bottom part of the unit overlain by SILT-RICH DIATOM CLAY AND DIATOM CLAY. The color changes progressively from moderate olive brown (5Y 4/4) to olive gray (5Y 3/2) in the more sandy part of the unit. Lamination is present in section 1 (116-146 cm). Tilted and folded laminae are also present at 5-9 cm in section 6. Brown pieces of plant material occur at 37-39 cm and at 115-125 cm in section 6.



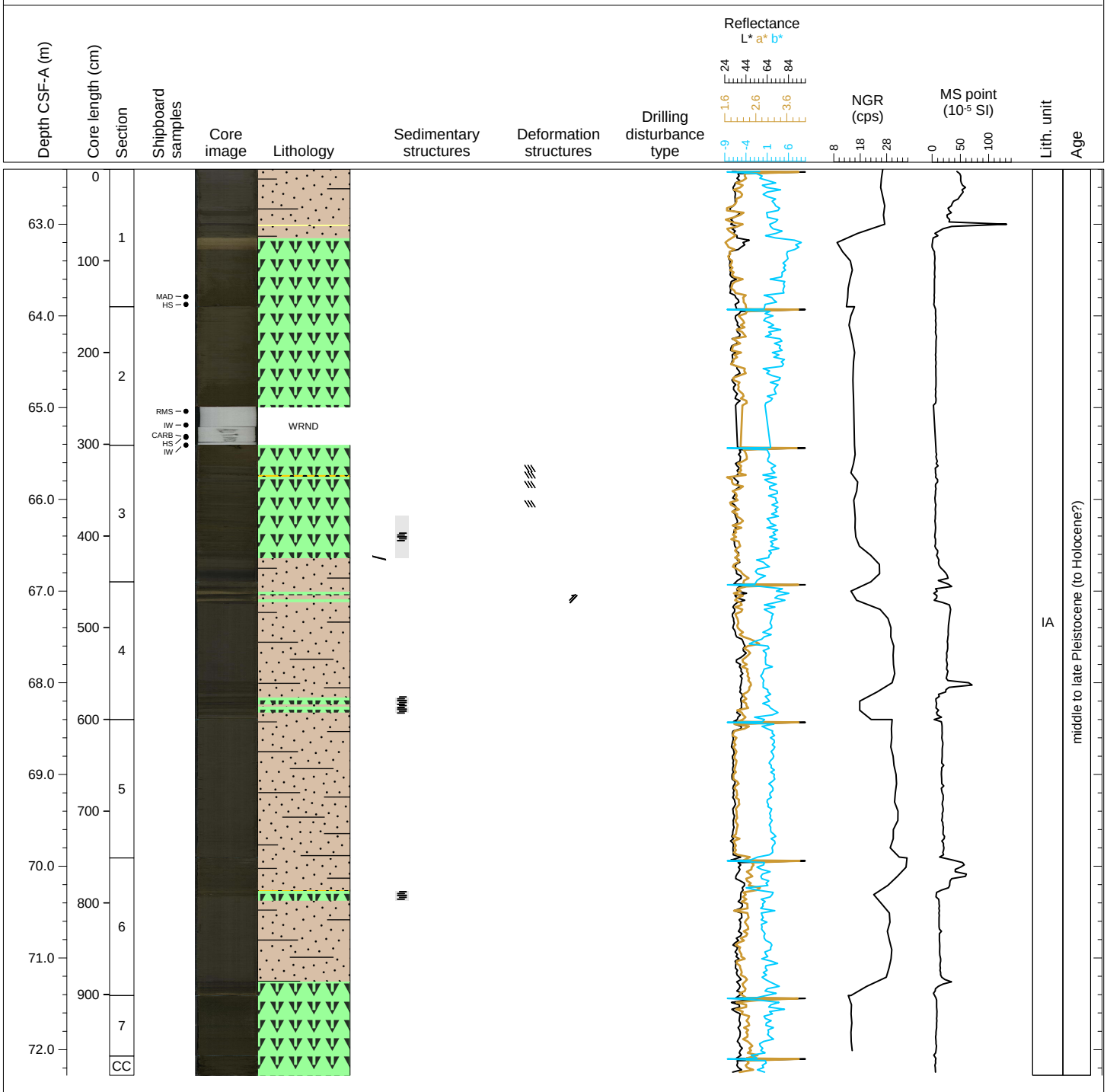
Hole 385-U1550B Core 7H, Interval 52.9-62.93 m (CSF-A)

This core consists of mainly homogenous moderate olive brown (5Y 4/4) SILTY SAND with intercalated olive gray (5Y 3/2) CLAY-RICH DIATOM OOZE intervals in sections 5 to CC. Tilted and folded lamination is present in sections 4 (119-146 cm), 5 (0-18 cm, 127-137 cm) and probably 7. Large pyroclastic nodules are present in section 6 (41-53 cm, 67-84 cm, 92-110 cm). Section 6 contains dark gray (N3) SAND laminae at 24-41 cm, one of which fines upward from sand to silt.



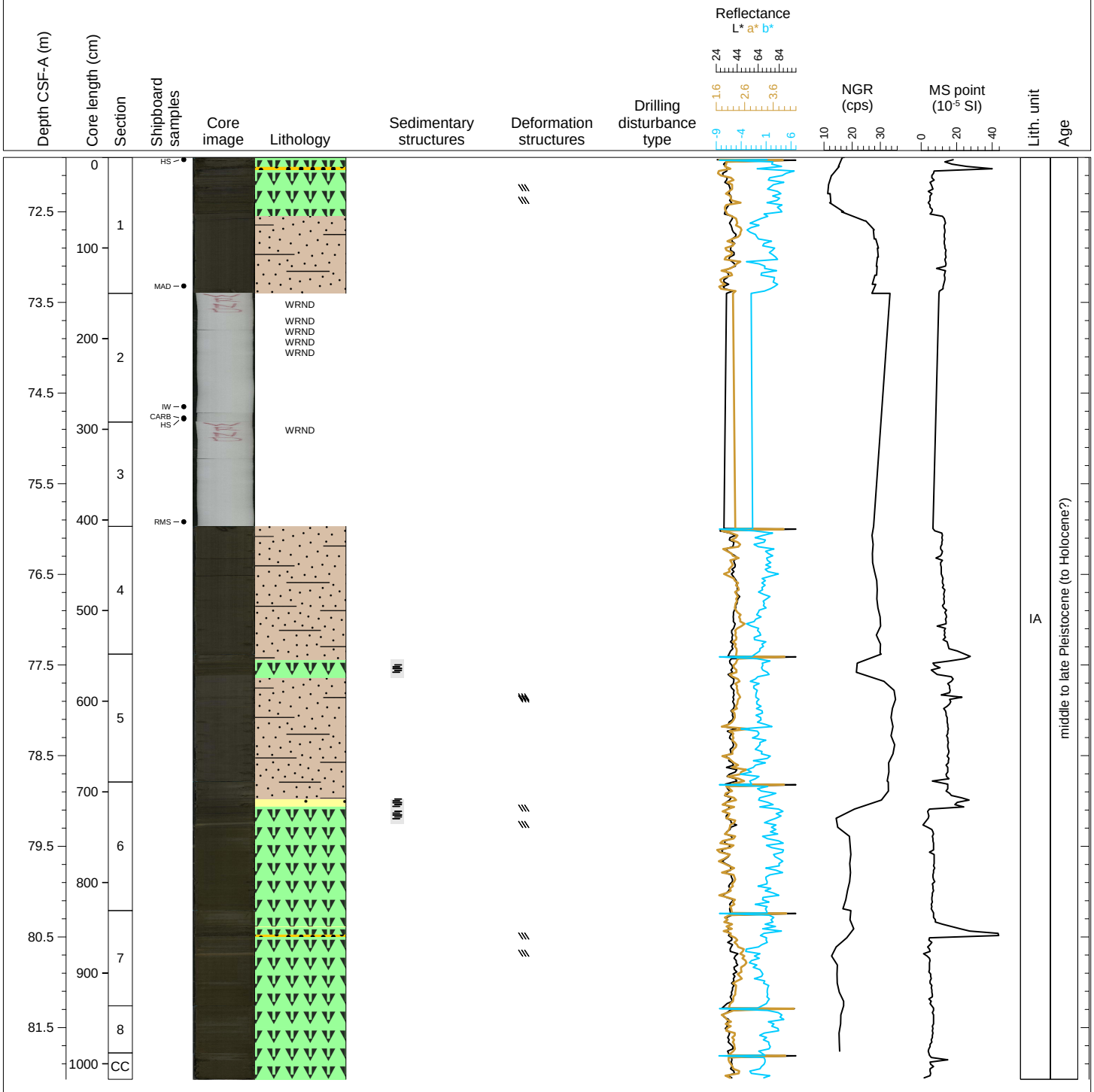
Hole 385-U1550B Core 8H, Interval 62.4-72.28 m (CSF-A)

This core consists of olive gray (5Y 3/2) CLAY-RICH DIATOM OOZE, partially laminated, alternating with grayer layers of DIATOM-RICH SILTY CLAY. Light olive gray (5Y 5/2) layer of DIATOM OOZE is present in section 1 (75-88 cm), two layers of DIATOM OOZE are also present at the top of section 4. The boundaries of these layers are scoured and tilted suggesting soft-sediment deformation. A FORAMINIFERA-RICH SAND layer occurs at 34 cm in section 3.



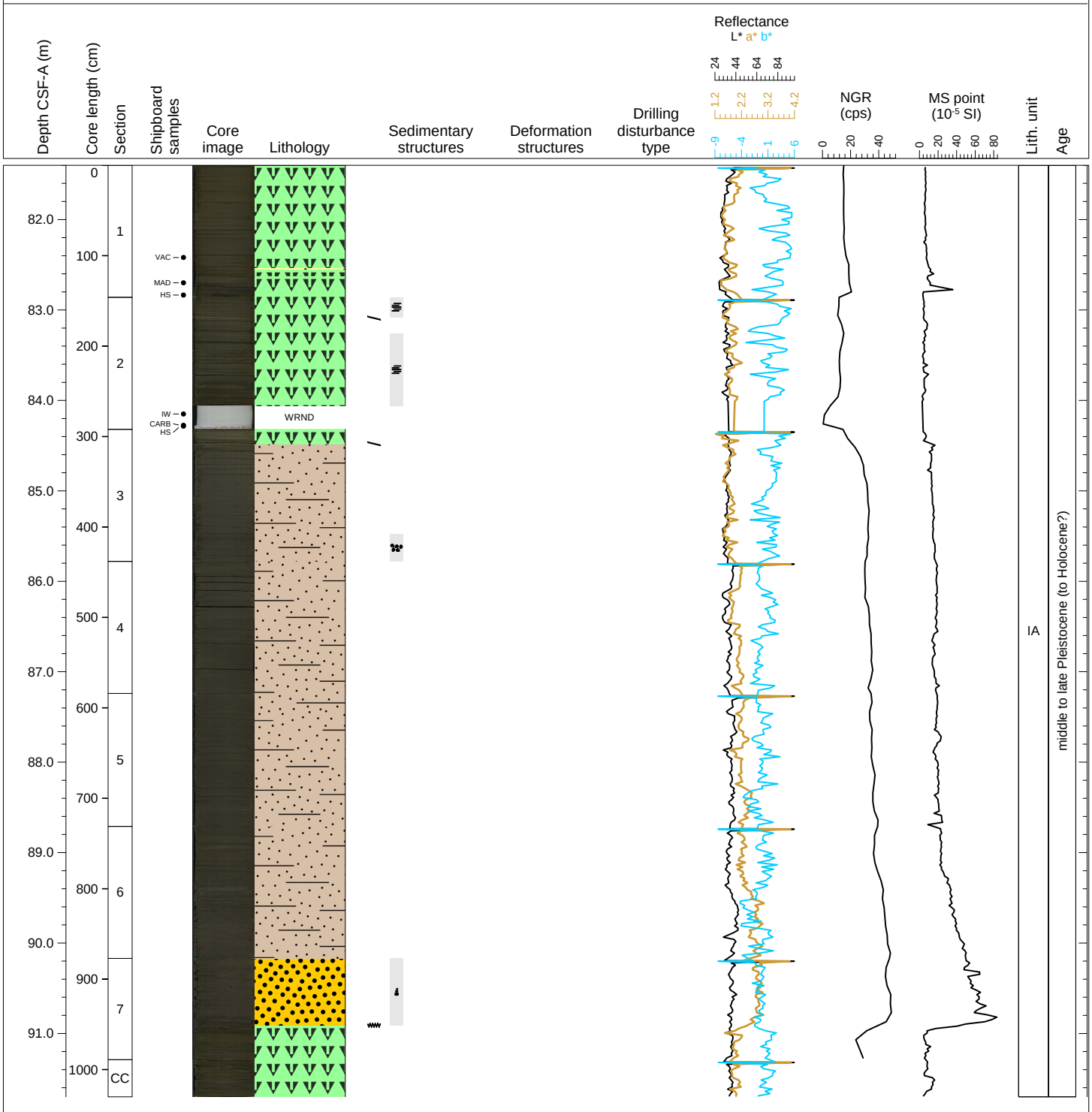
Hole 385-U1550B Core 9H, Interval 71.9-82.07 m (CSF-A)

This core consists of olive gray (5Y 3/2) CLAY-RICH DIATOM OOZE and a thick grayer layer of DIATOM-RICH SILTY CLAY. In section 1, the CLAY-RICH DIATOM OOZE displays mottled colors (olive gray, 5Y 3/2; olive black, 5Y 2/1). In section 7, a SILT layer occurs at 17 cm, just above a SAND layer at 26 cm and a light olive gray (5Y 5/2) DIATOM OOZE layer at 50 cm.



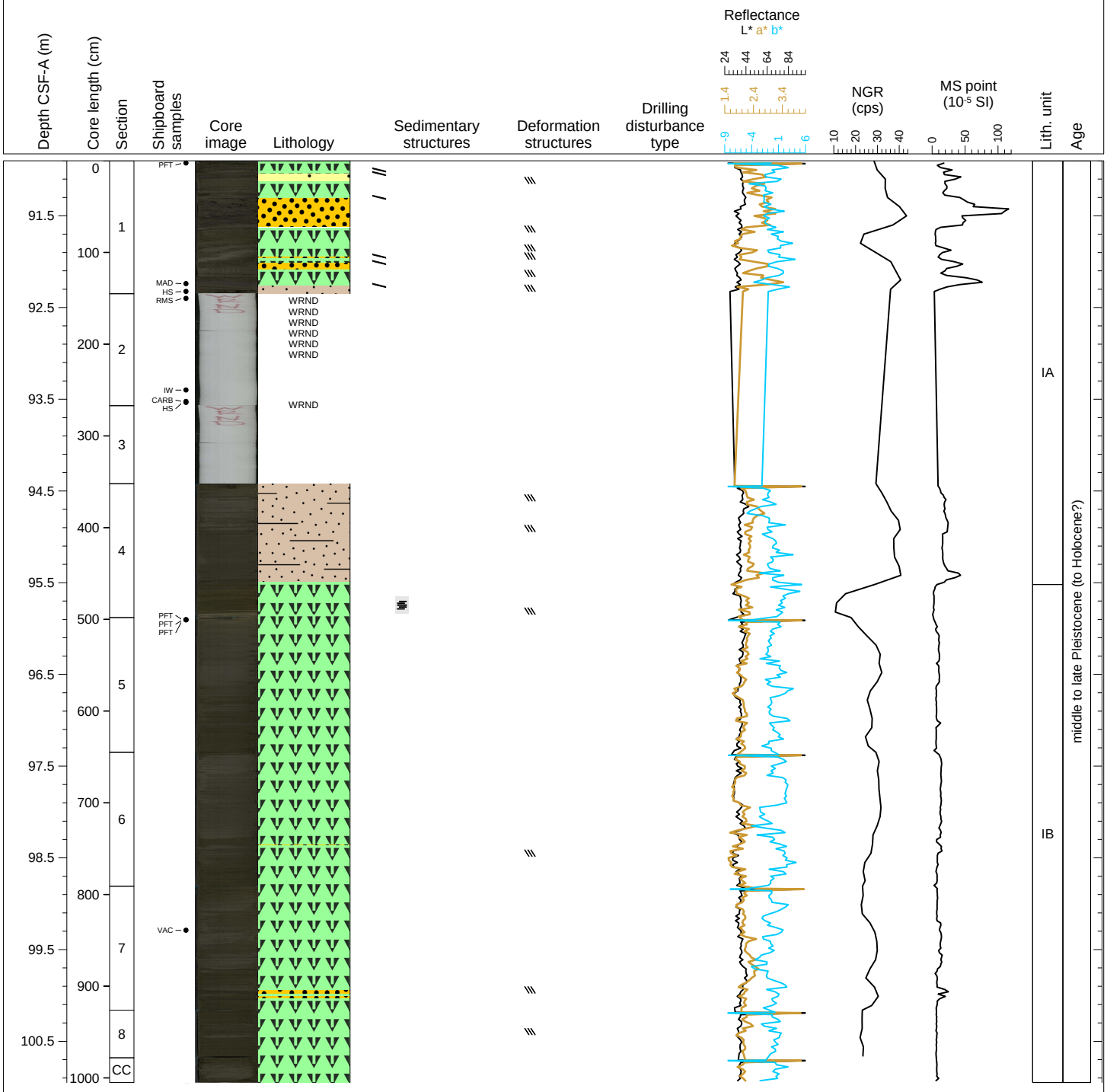
Hole 385-U1550B Core 10H, Interval 81.4-91.7 m (CSF-A)

This core is mainly composed of a thick depositional unit with a sand layer (with detrital grain and shell fragments) with a basal sand layer from 0-74 cm in section 7 that is composed of a mixture of detrital grains and shell fragments. The SAND has a scoured contact and is normally graded. It is overlain by DIATOM-RICH CLAYEY SILT and DIATOM-RICH SILTY CLAY respectively in sections 6 and 5, 4 and 3 (ending at 16 cm). The DIATOM-RICH SILTY CLAY is mottled in sections 4 and 5. On top of the depositional unit (sections 1 and 2), homogenous CLAY-RICH DIATOM OOZE alternates with laminated CLAY-RICH DIATOM OOZE and lighter layers of DIATOM OOZE. The lamination and boundary contacts in sections 2 and 3 are tilted. CLAY-RICH DIATOM OOZE intervals are also present in sections 7 and CC below the sand layer.



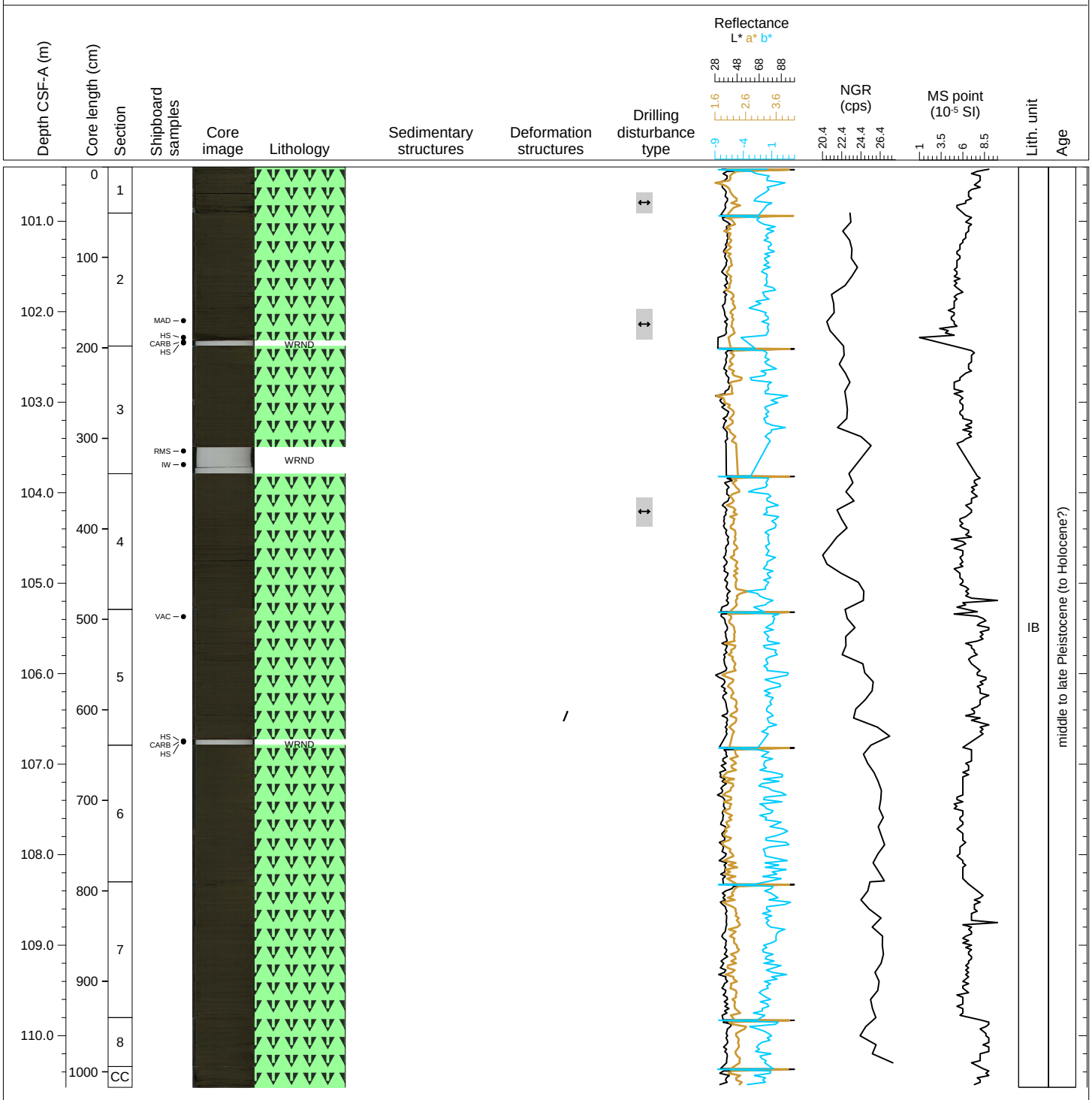
Hole 385-U1550B Core 11H, Interval 90.9-100.95 m (CSF-A)

This core is mainly composed of homogenous olive gray (5Y 3/2) CLAY-RICH DIATOM OOZE with a few sand intercalations overlain by a grayer layer of DIATOM-RICH SILTY CLAY (in section 2) and alternating SAND, SILT and CLAY-RICH DIATOM OOZE (in section 1). All lithology contacts in section 1 are tilted or folded suggesting soft-deformation processes.



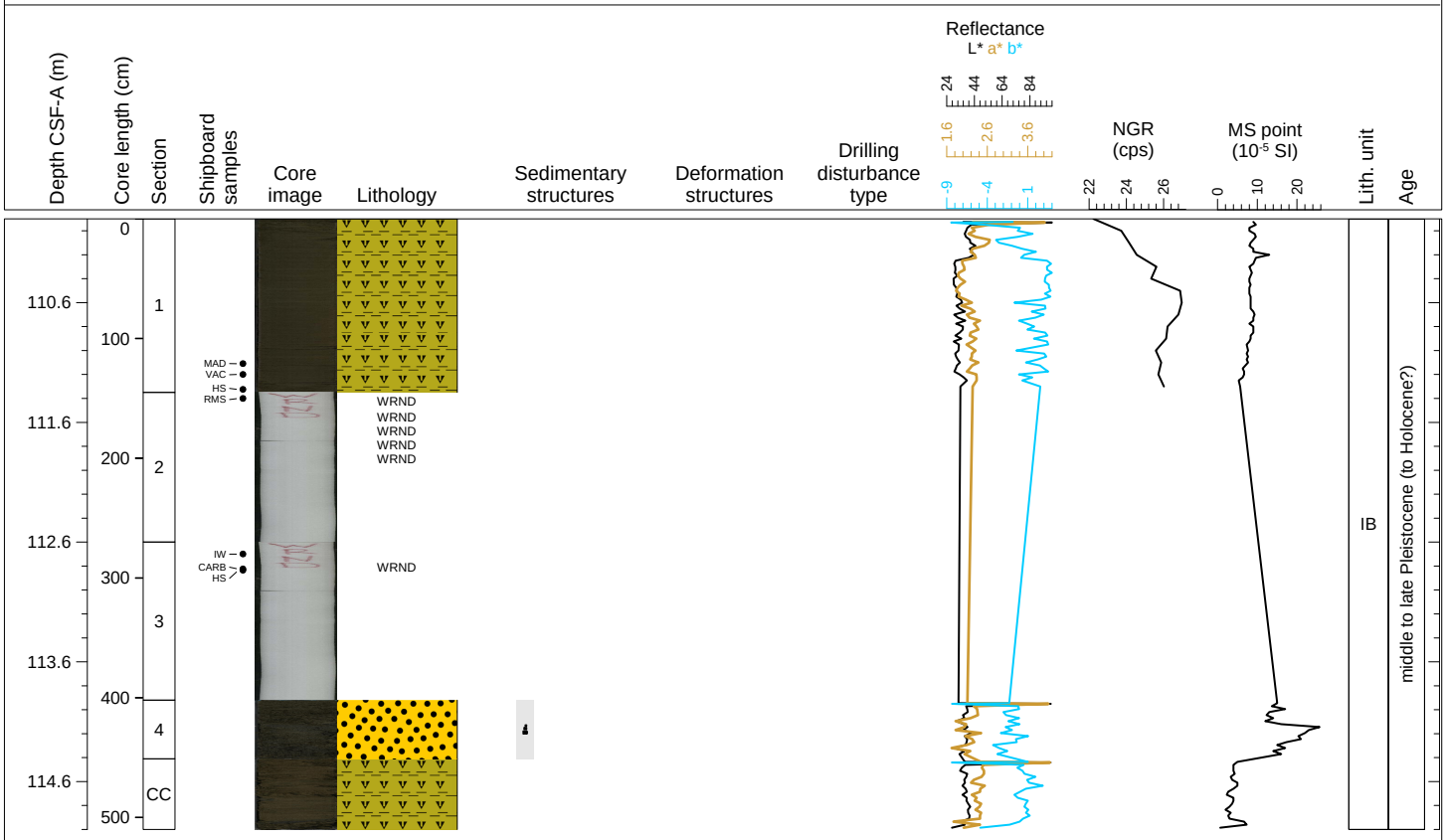
Hole 385-U1550B Core 12H, Interval 100.4-110.57 m (CSF-A)

This core consists of homogenous CLAY-RICH DIATOM OOZE.



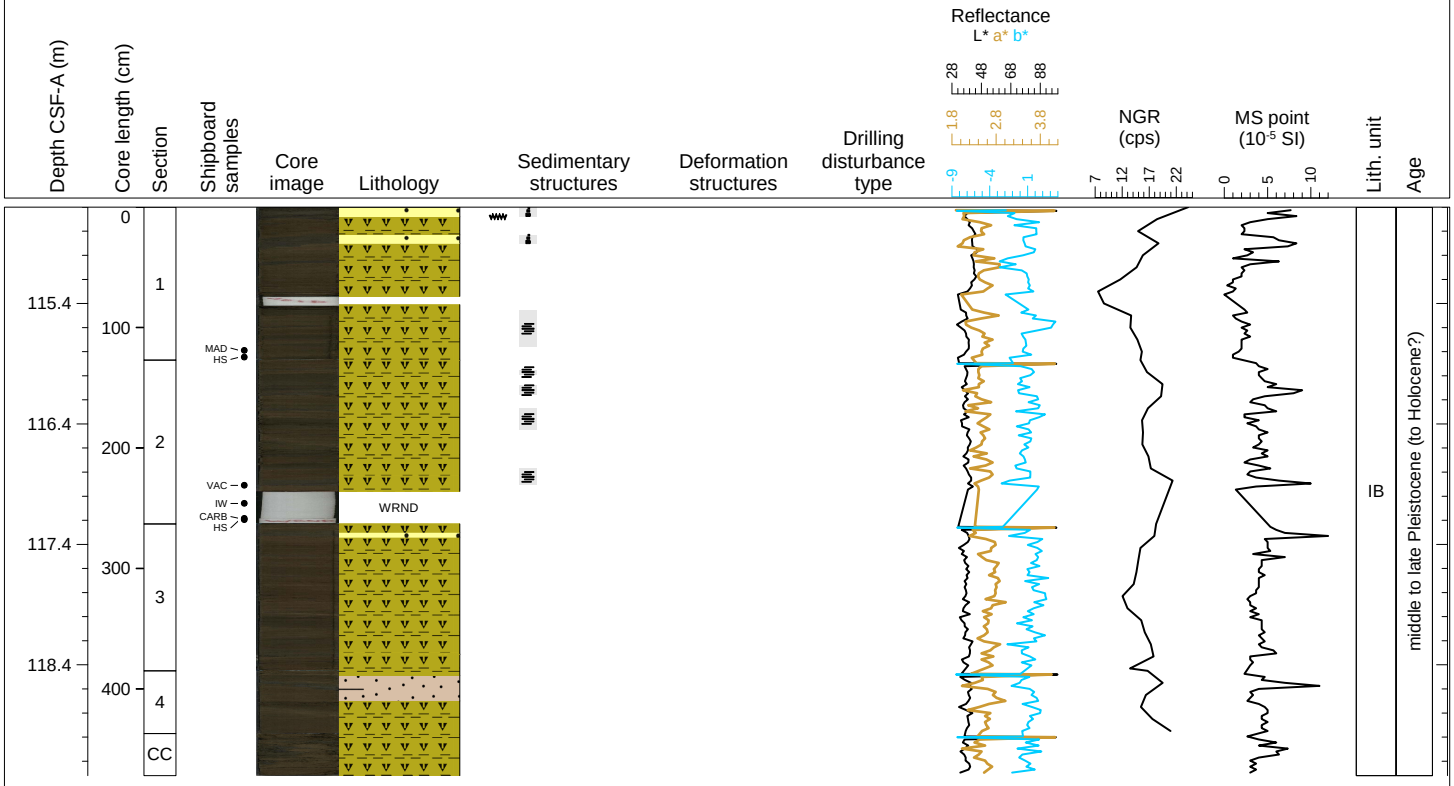
Hole 385-U1550B Core 13F, Interval 109.9-115.0 m (CSF-A)

This core consists of nannofossil-bearing DIATOM CLAY in sections 1 and CC and normally graded SAND in section 4.



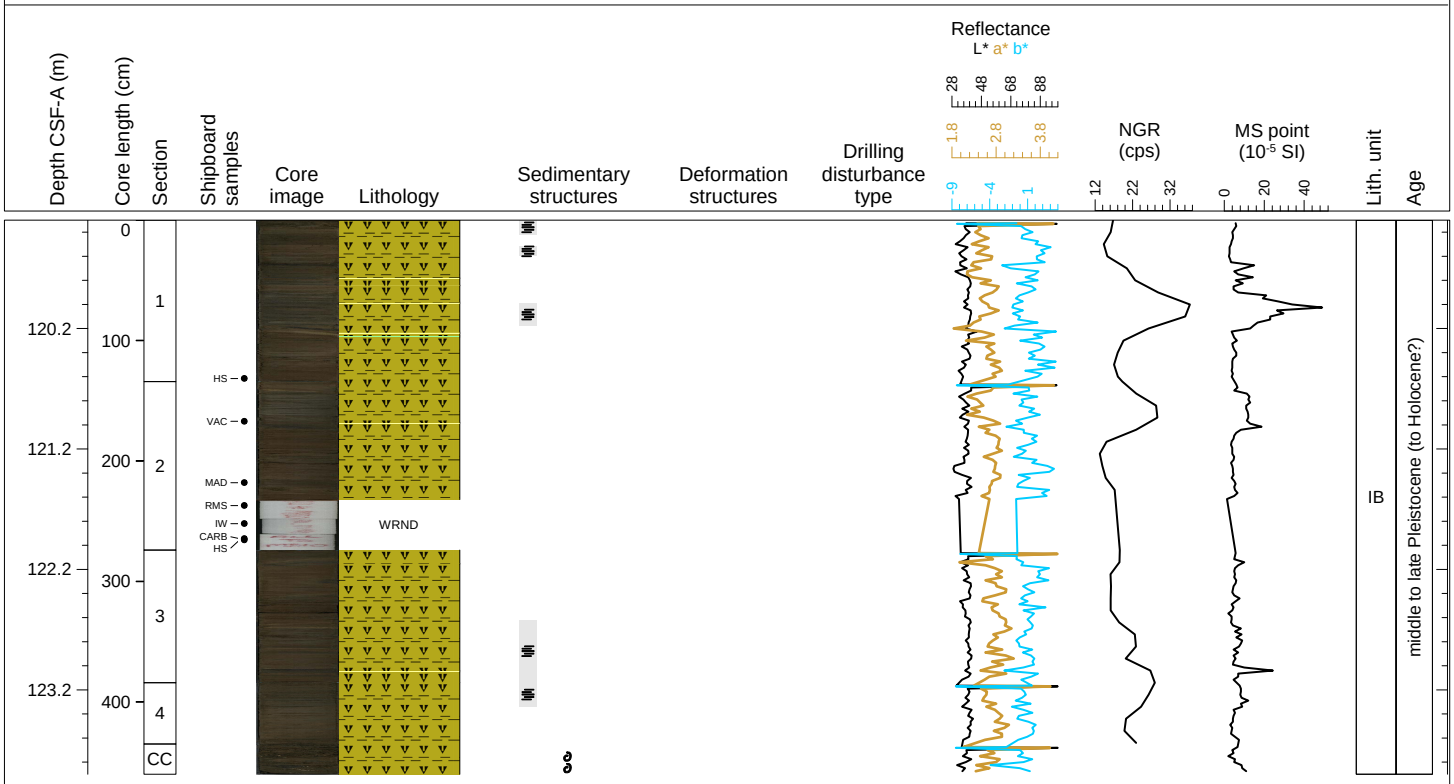
Hole 385-U1550B Core 14F, Interval 114.6-119.32 m (CSF-A)

This core consists of moderate olive brown (5Y 4/4) NANNOFOSSIL-RICH DIATOM CLAY with alternating faintly laminated and homogenous intervals. Dark layers with silty base are present in section 1. Similar dark laminae with silty bases occur in section 2.



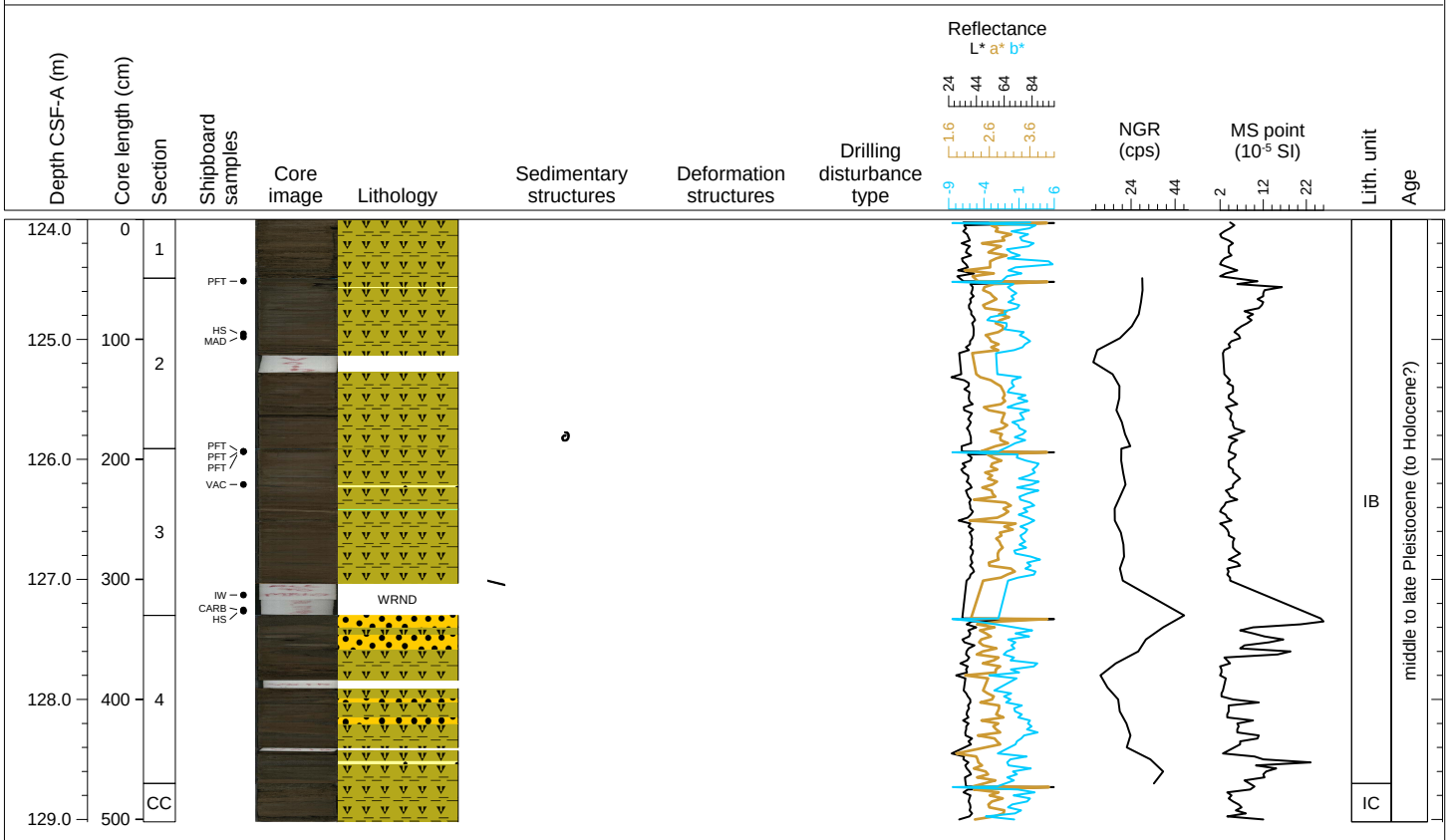
Hole 385-U1550B Core 15F, Interval 119.3-123.9 m (CSF-A)

This core consists of dark yellowish brown DIATOM CLAY with a few laminated intervals in sections 1, 3 and 4. Medium gray (N5) SILT laminae and light olive gray DIATOM OOZE intervals are present in most sections. They can be tilted (in section 2) or folded (93-96 cm in section 1). Shell fragments occur in CC (10 and 18-22 cm).



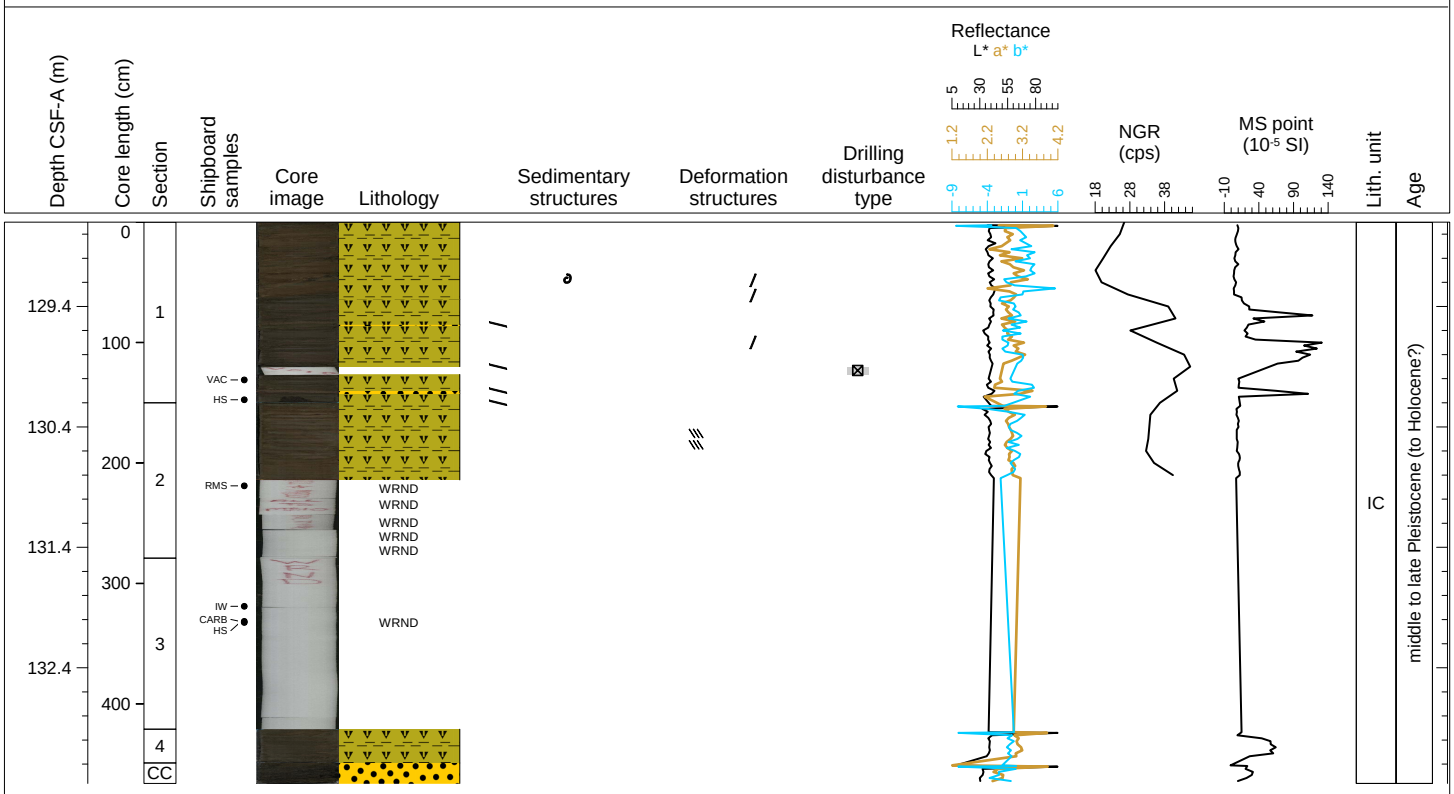
Hole 385-U1550B Core 16F, Interval 124.0-129.02 m (CSF-A)

This core consists of dark yellowish brown DIATOM CLAY with thin intercalated SILT and SAND layers. The presence of tilted laminae of DIATOM OOZE and the occurrence of SILT and SAND patches in sections 3 and 4 suggest soft-sediment deformation processes during of just after deposition.



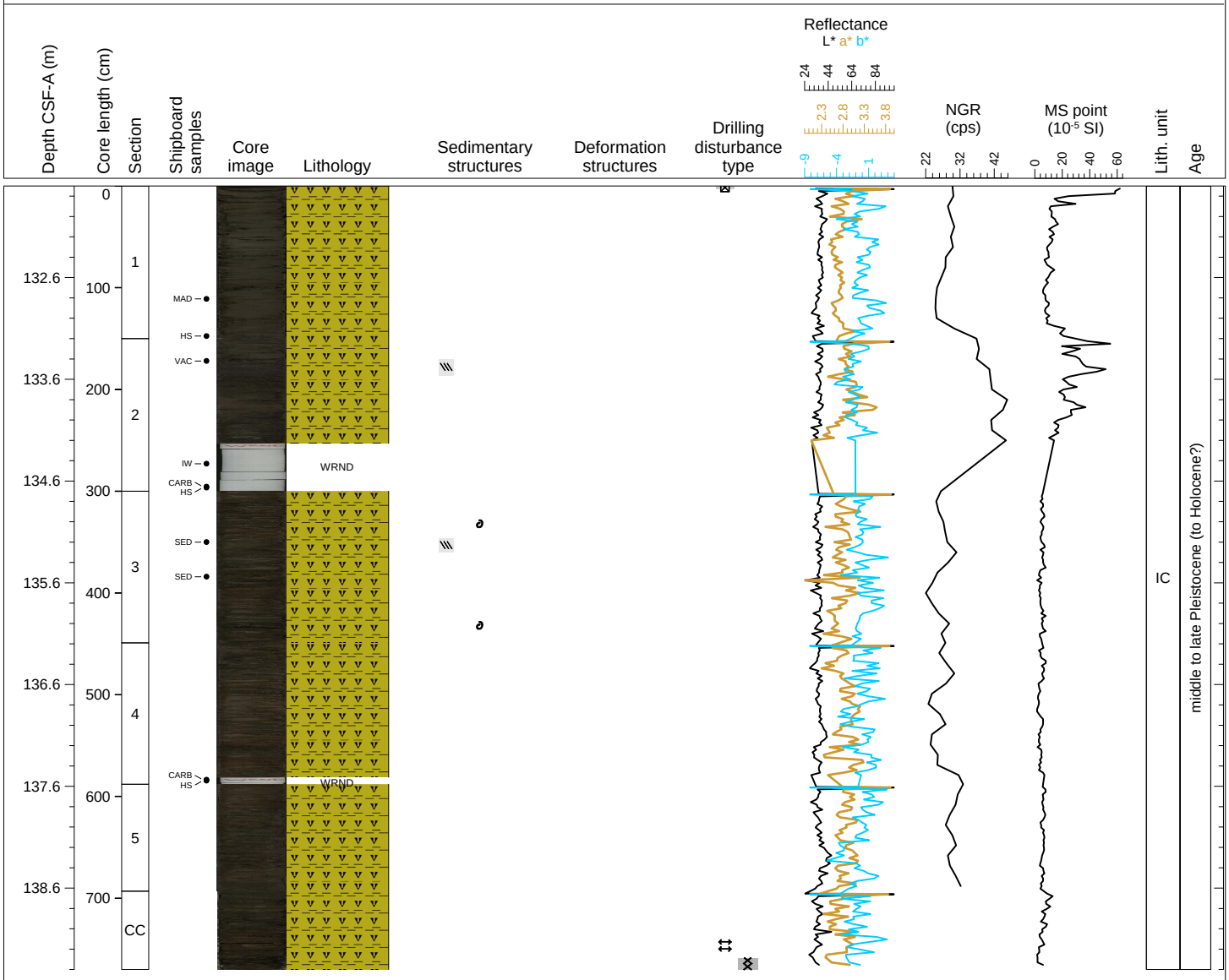
Hole 385-U1550B Core 17F, Interval 128.7-133.36 m (CSF-A)

This core is composed of dark yellowish brown (10YR 3/4) DIATOM CLAY. A deformed SAND lamina is present in section 1 at 6-8 cm. A tilted contact occurs at 64 cm with dusky yellowish brown DIATOM CLAY. Brownish gray (5YR 4/1) SAND occurs at 142-144 cm and in the CC.



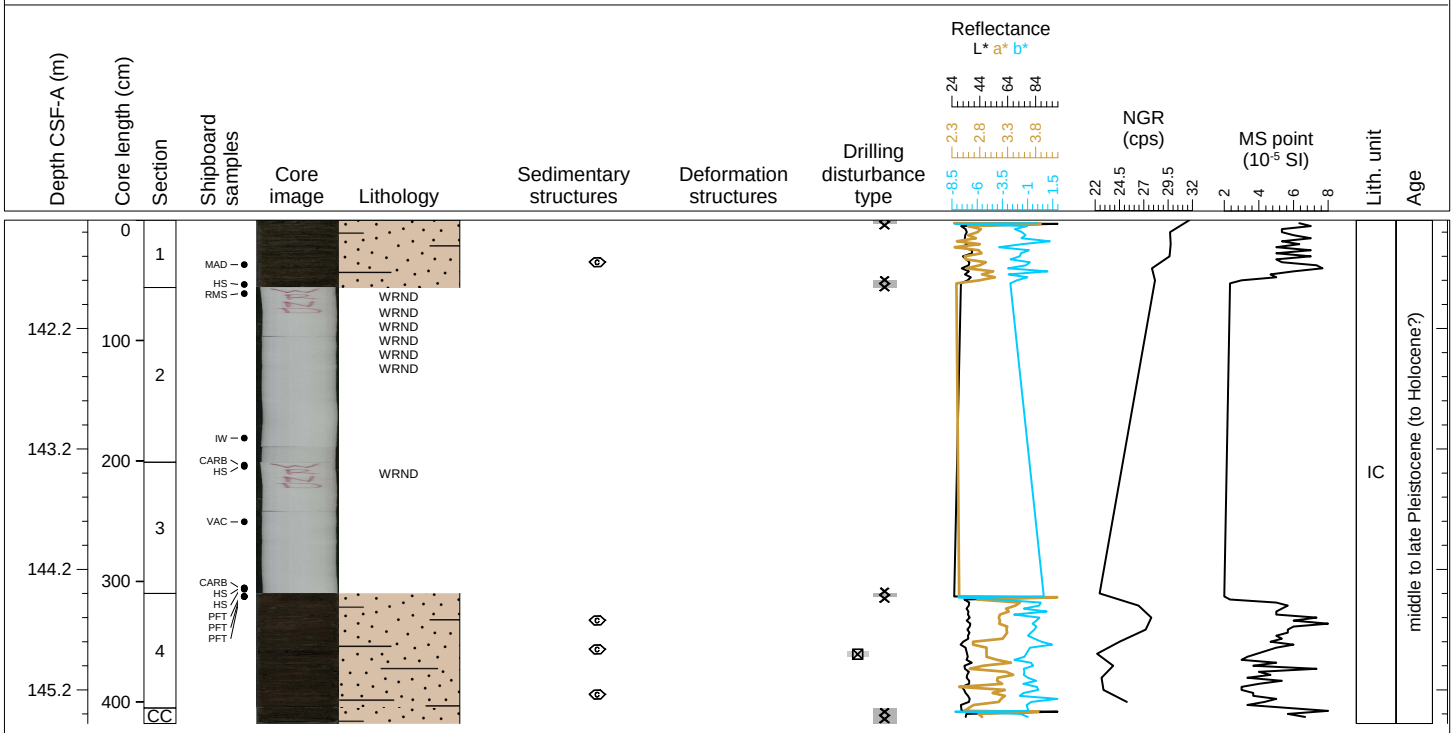
Hole 385-U1550B Core 18X, Interval 131.7-139.4 m (CSF-A)

This core consists of mainly homogeneous olive gray (5Y 3/2) NANNO-BEARING DIATOM CLAY in sections 1 to 2 and olive gray (5Y 3/2) DIATOM CLAY in other sections. SAND patches are present in sections 1 (38 cm) and 2 (1-3 cm, 12-14 cm). Tilted and folded SILTY SAND laminae are present at 20-36 cm in section 2 and at 32 cm in section 3. Shell fragments are present in section 3 (32 cm, 132 cm).



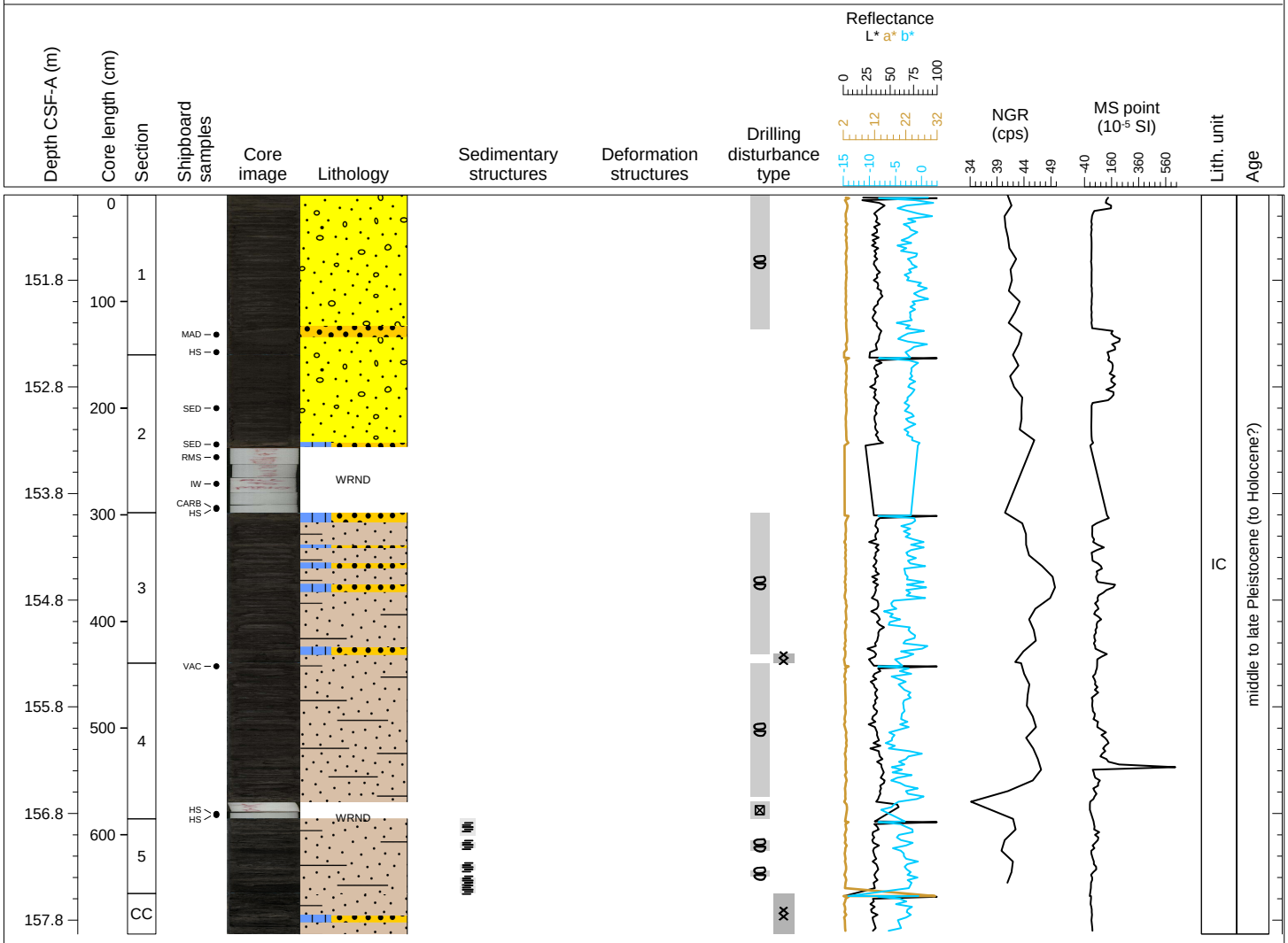
Hole 385-U1550B Core 19X, Interval 141.3-145.48 m (CSF-A)

This core consists of homogeneous olive gray (5Y 3/2) SILTY CLAY. Pale yellowish brown (10YR 6/2) MICRITE-RICH patches and carbonate concretions are present in sections 1 (34-36 cm) and 4 (22.5 cm, 46-47 cm, 83-85 cm). The bottom 50 cm of section 1 and the whole section of CC are highly disturbed by drilling (breccia).



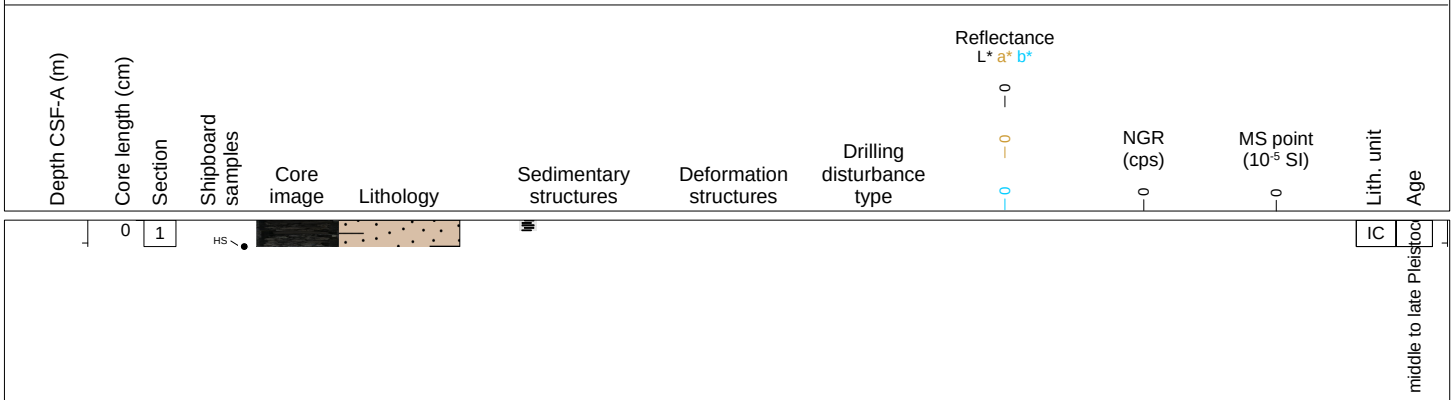
Hole 385-U1550B Core 20X, Interval 151.0-157.93 m (CSF-A)

This core consists of mainly homogenous dusky yellowish brown (10YR 2/2) SILTY SAND with intercalated organic matter-rich black olive (5Y 2/1) CLAYEY SILT intervals in sections 3 to CC. Dark yellowish brown (10YR 4/2) SAND layer is present at 122-133 cm in section 1. Pale yellowish brown (10YR 6/2) layers, laminae and patches of MICRITE-RICH CLAYEY SILT are present in sections 2, 3, 4, 5 and CC. Small fragments of cemented intervals are present at 125-130 cm in section 4. This core is highly disturbed by drilling (breccia, biscuits).

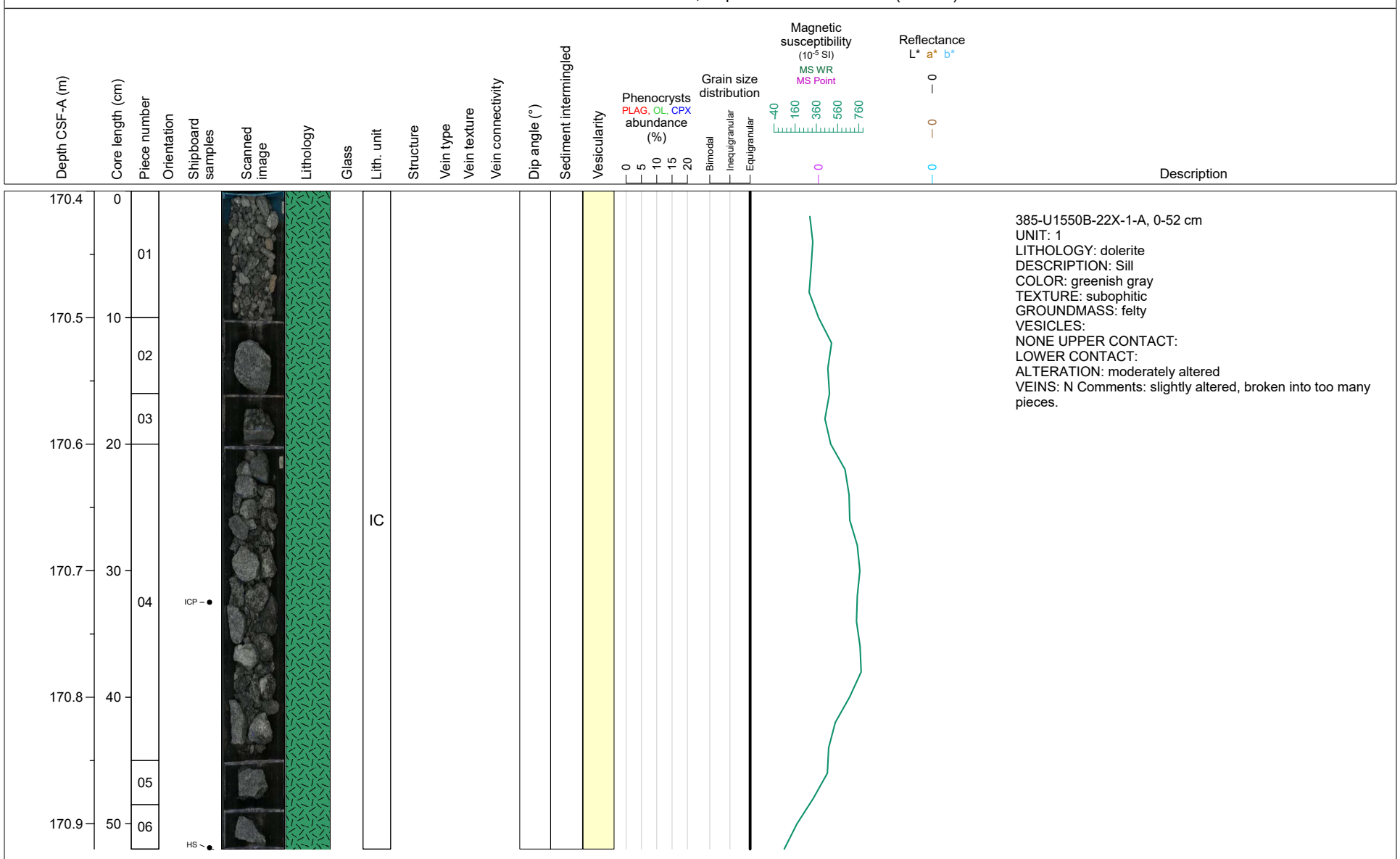


Hole 385-U1550B Core 21X, Interval 160.7-160.92 m (CSF-A)

This core consists of fragments of indurated sediments and altered basalt. The sediments are brownish black (5YR 2/1) CLAYEY SILSTONE and medium dark gray (N4) SILTSTONE cemented by carbonate. Lamination is visible in one of the fragments.

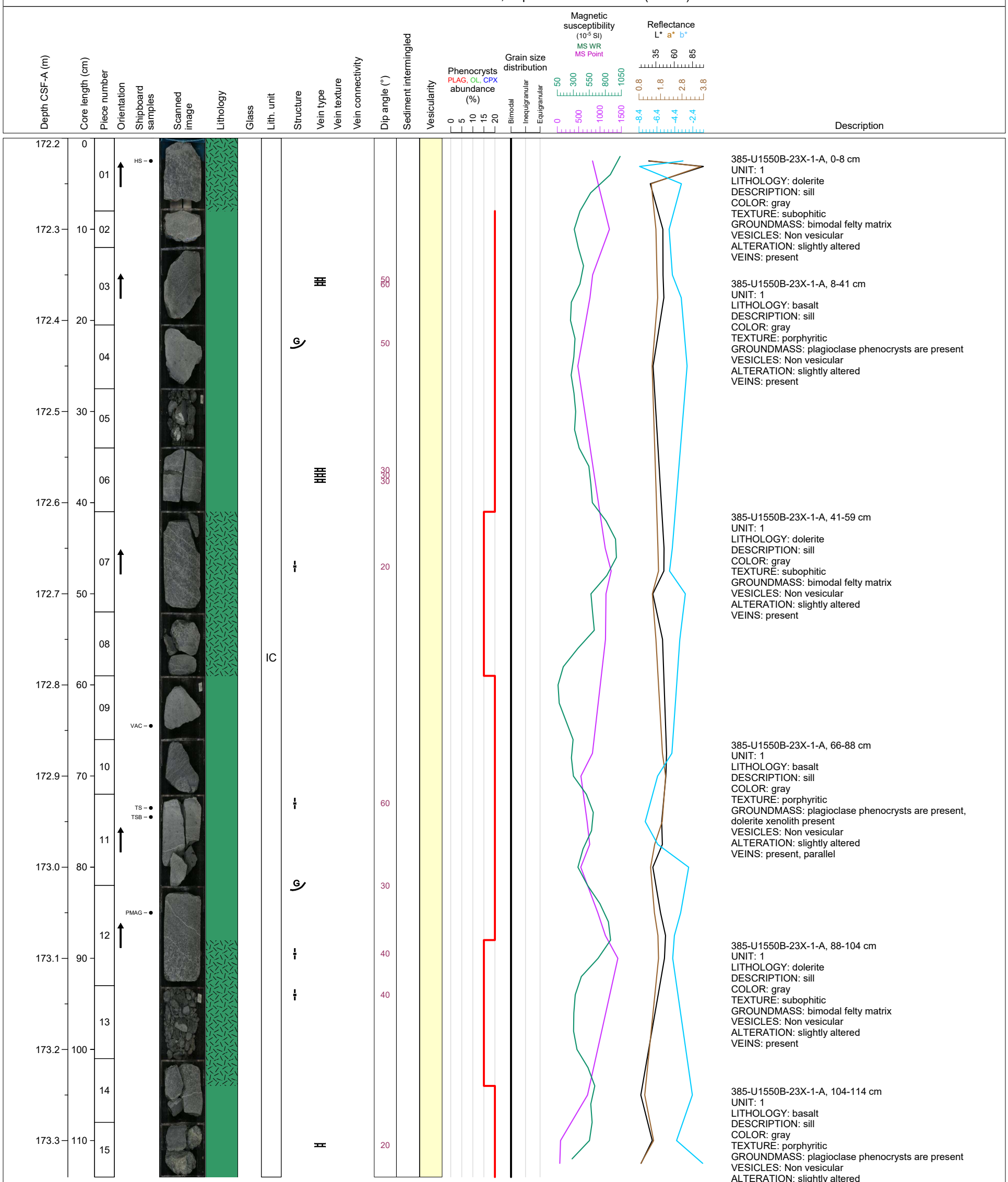


Hole 385-U1550B-22X Section 1, Top of Section: 170.4 m (CSF-A)



385-U1550B-22X-1-A, 0-52 cm
UNIT: 1
LITHOLOGY: dolerite
DESCRIPTION: Sill
COLOR: greenish gray
TEXTURE: subophitic
GROUNDMASS: felty
VESICLES:
NONE UPPER CONTACT:
LOWER CONTACT:
ALTERATION: moderately altered
VEINS: N Comments: slightly altered, broken into too many pieces.

Hole 385-U1550B-23X Section 1, Top of Section: 172.2 m (CSF-A)



385-U1550B-23X-1-A, 0-8 cm
UNIT: 1
LITHOLOGY: dolerite
DESCRIPTION: sill
COLOR: gray
TEXTURE: subophitic
GROUNDMASS: bimodal felty matrix
VESICLES: Non vesicular
ALTERATION: slightly altered
VEINS: present

385-U1550B-23X-1-A, 8-41 cm
UNIT: 1
LITHOLOGY: basalt
DESCRIPTION: sill
COLOR: gray
TEXTURE: porphyritic
GROUNDMASS: plagioclase phenocrysts are present
VESICLES: Non vesicular
ALTERATION: slightly altered
VEINS: present

385-U1550B-23X-1-A, 41-59 cm
UNIT: 1
LITHOLOGY: dolerite
DESCRIPTION: sill
COLOR: gray
TEXTURE: subophitic
GROUNDMASS: bimodal felty matrix
VESICLES: Non vesicular
ALTERATION: slightly altered
VEINS: present

385-U1550B-23X-1-A, 66-88 cm
UNIT: 1
LITHOLOGY: basalt
DESCRIPTION: sill
COLOR: gray
TEXTURE: porphyritic
GROUNDMASS: plagioclase phenocrysts are present, dolerite xenolith present
VESICLES: Non vesicular
ALTERATION: slightly altered
VEINS: present, parallel

385-U1550B-23X-1-A, 88-104 cm
UNIT: 1
LITHOLOGY: dolerite
DESCRIPTION: sill
COLOR: gray
TEXTURE: subophitic
GROUNDMASS: bimodal felty matrix
VESICLES: Non vesicular
ALTERATION: slightly altered
VEINS: present

385-U1550B-23X-1-A, 104-114 cm
UNIT: 1
LITHOLOGY: basalt
DESCRIPTION: sill
COLOR: gray
TEXTURE: porphyritic
GROUNDMASS: plagioclase phenocrysts are present
VESICLES: Non vesicular
ALTERATION: slightly altered
VEINS: present