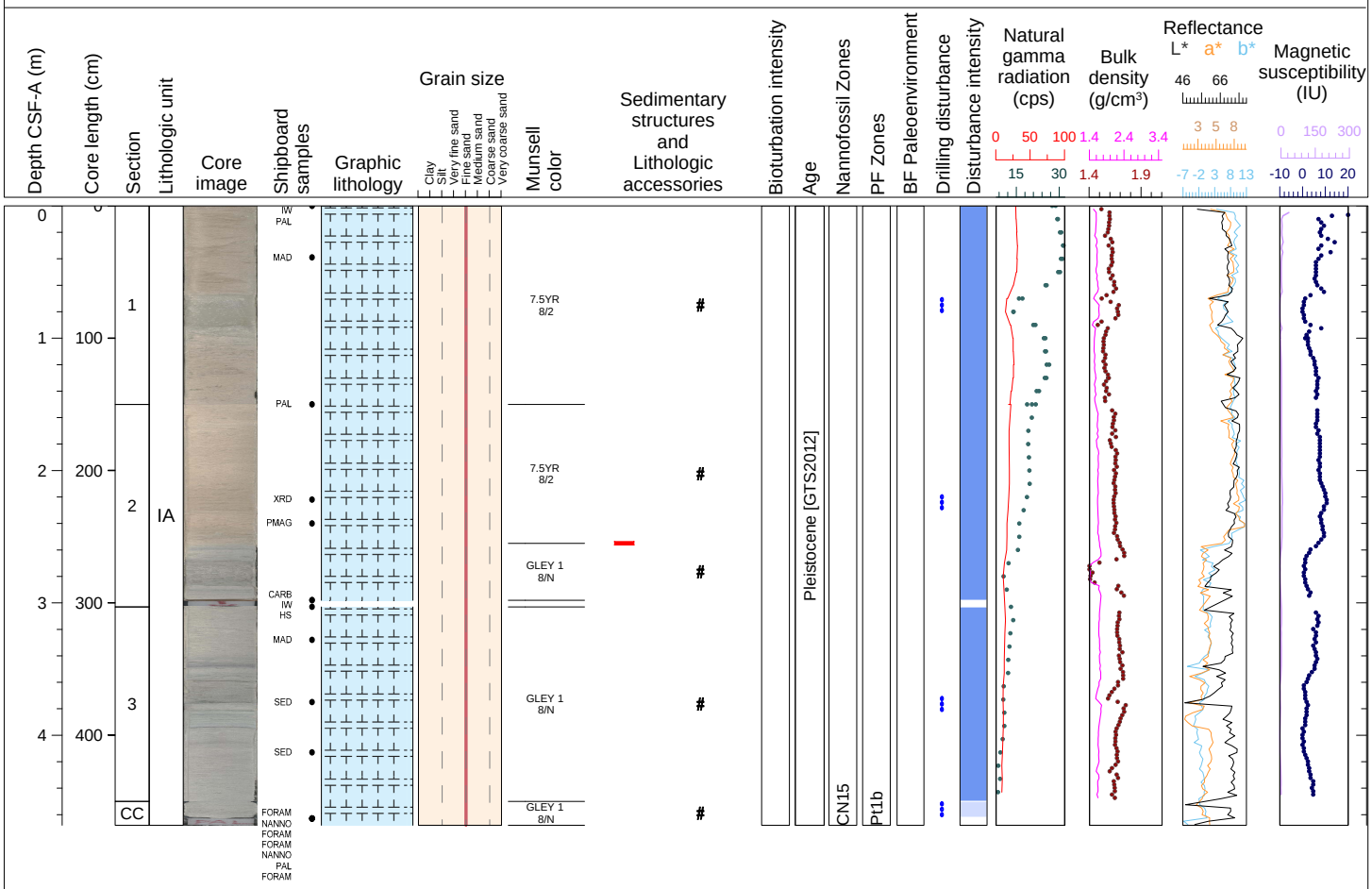
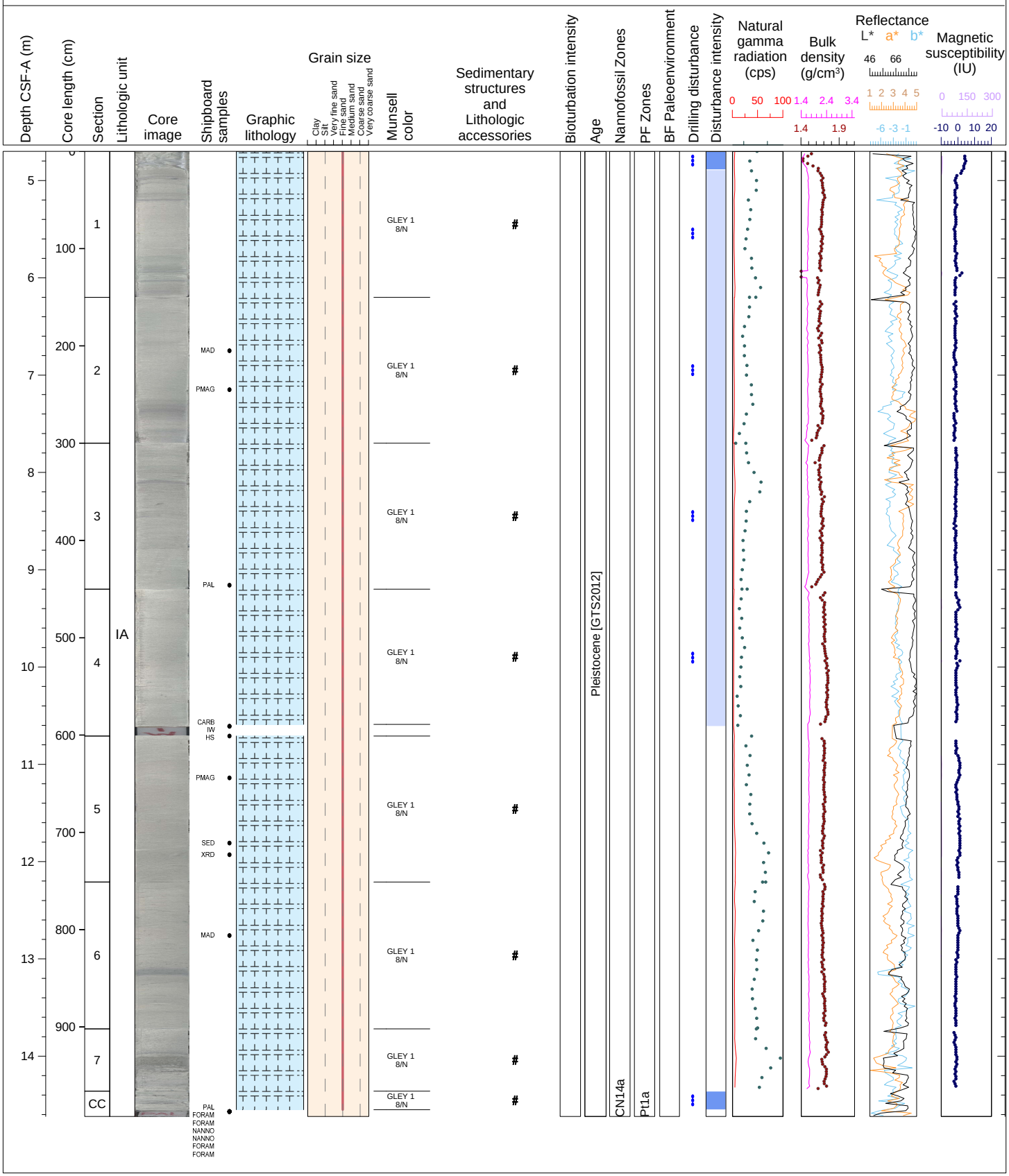
Hole 369-U1516A Core 1H, Interval 0.0-4.68 m (CSF-A)

Core 1H consists of a pinkish white (7.5YR 8/2) to white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. Bluish green streaks of oxides/manganese are present throughout the core. Bioturbation is absent. The core is moderately soupy.



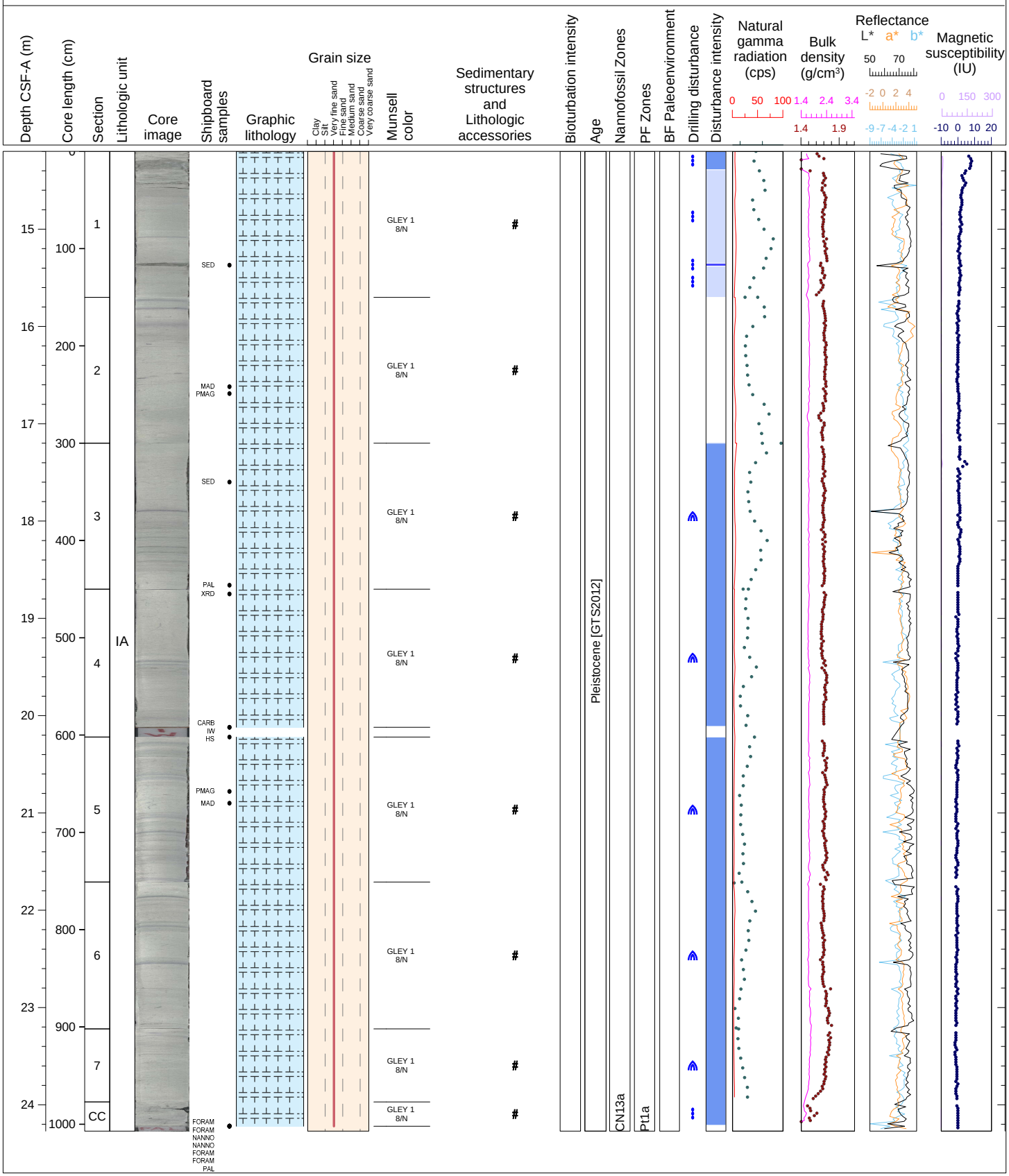
Hole 369-U1516A Core 2H, Interval 4.7-14.62 m (CSF-A)

Core 2H consists of a white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. Bluish green streaks of oxides/manganese are present throughout the core. There is an interval of foraminifera ooze with sponge spicules in Section 6. Bioturbation is absent. The core is moderately soupy or unaffected by drilling disturbances.



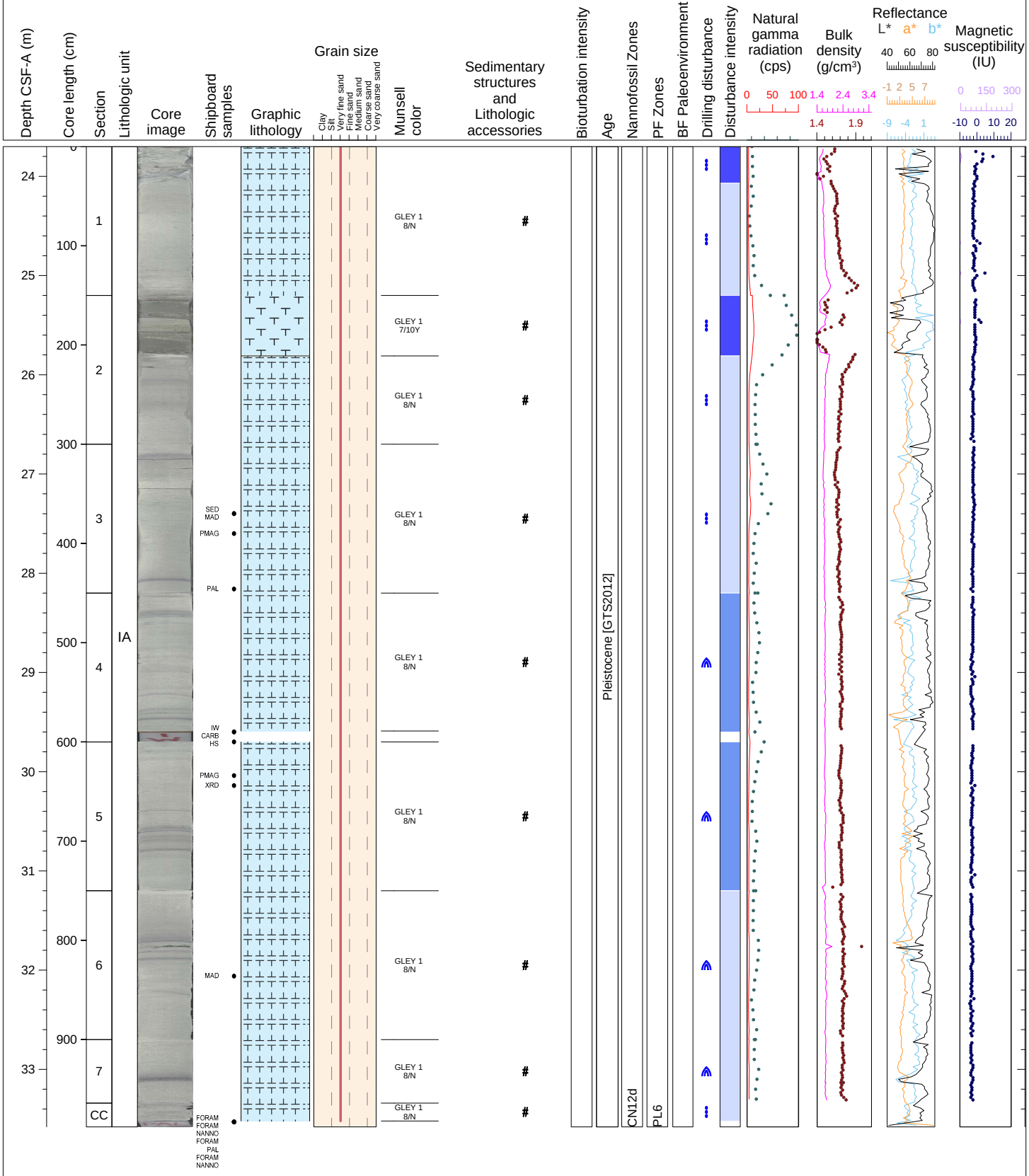
Hole 369-U1516A Core 3H, Interval 14.2-24.27 m (CSF-A)

Core 3H consists of a white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. Bluish green streaks of oxides/manganese are present throughout the core. There are intervals of foraminiferal ooze with sponge spicules in Section 1. Bioturbation is absent. In some intervals the core is slightly to severely soupy and in others it is moderately bowed or unaffected by drilling disturbances.



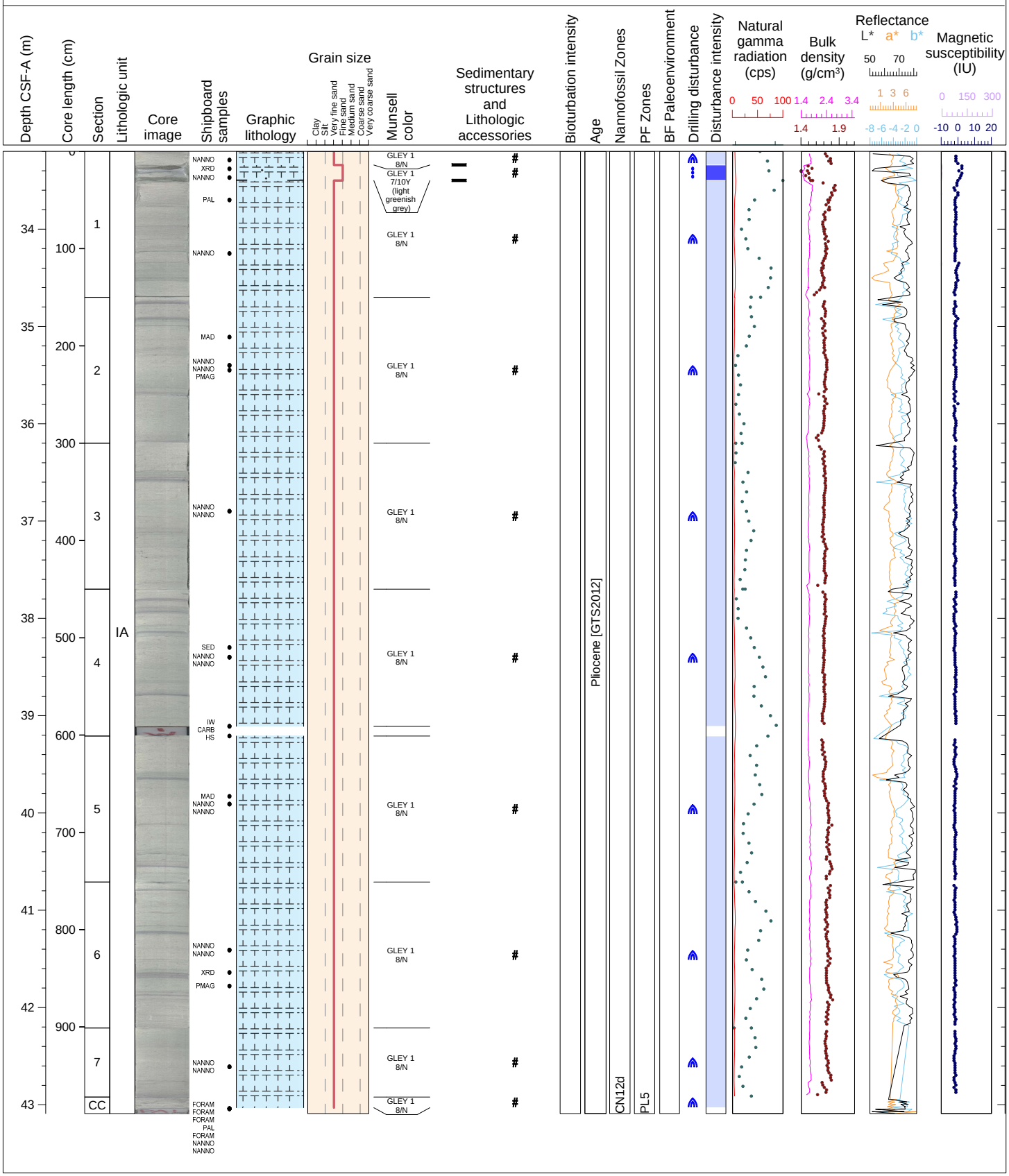
Hole 369-U1516A Core 4H, Interval 23.7-33.58 m (CSF-A)

Core 4H consists of a white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. There is an interval of light greenish-gray (GLEY 1 7/10Y) foraminiferal ooze with sponge spicules in Section 2 (0-61 cm). Bluish green streaks of oxides/manganese are present from Section 2 to 7. Bioturbation is absent. The core is slightly to moderately bowed, slight to severely soupy or unaffected by drilling disturbances.



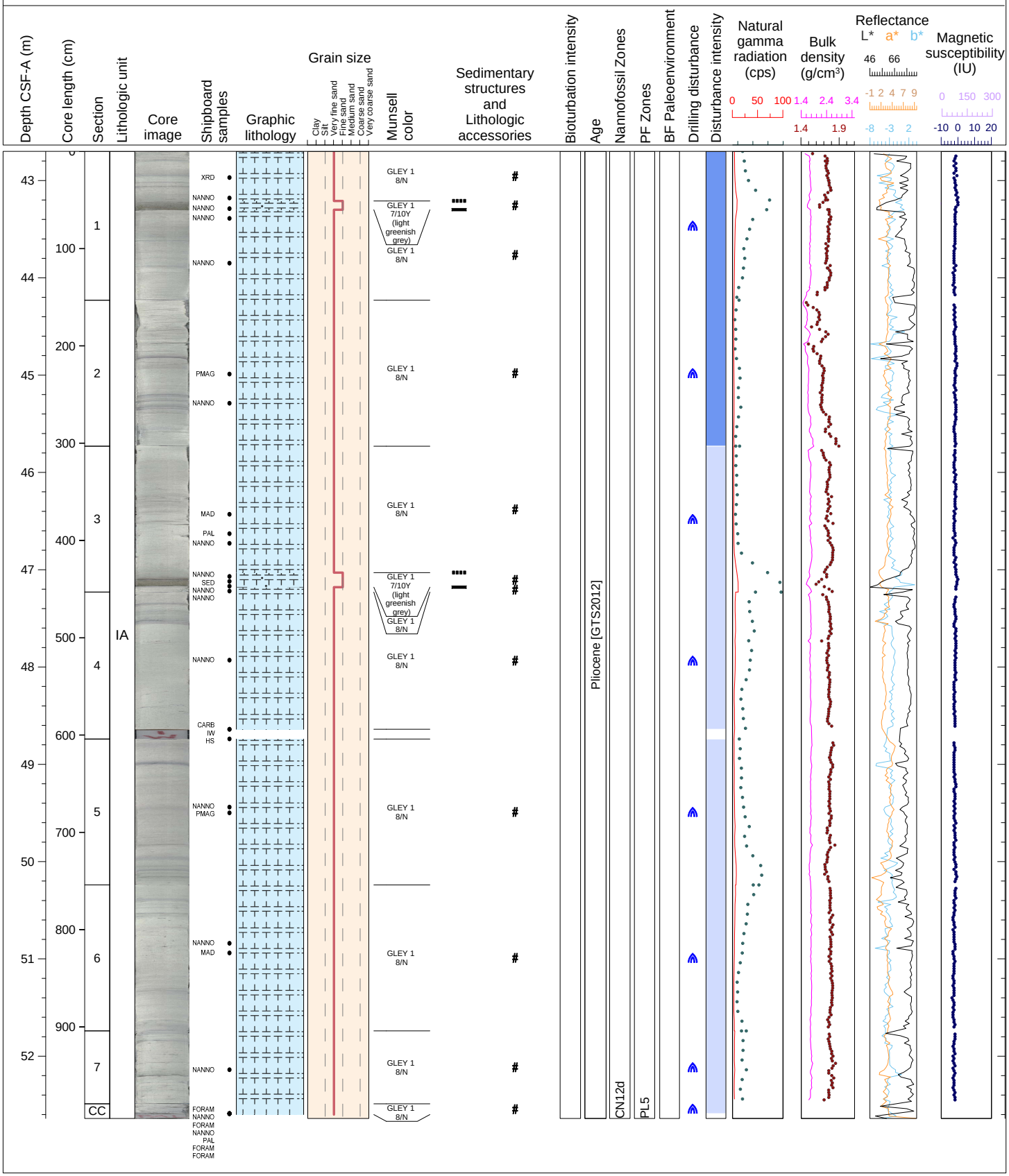
Hole 369-U1516A Core 5H, Interval 33.2-43.09 m (CSF-A)

Core 5H consists of a white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. There is an interval of light greenish gray (GLEY 1 7/10Y) silty calcareous ooze with sponge spicules in Section 1 (14-30 cm). Bluish green streaks of oxides/manganese are present from Section 1 to 6. Bioturbation is absent. The core is slightly bowed with a 16 cm interval in Section 1 (14-30 cm) being severely soupy.



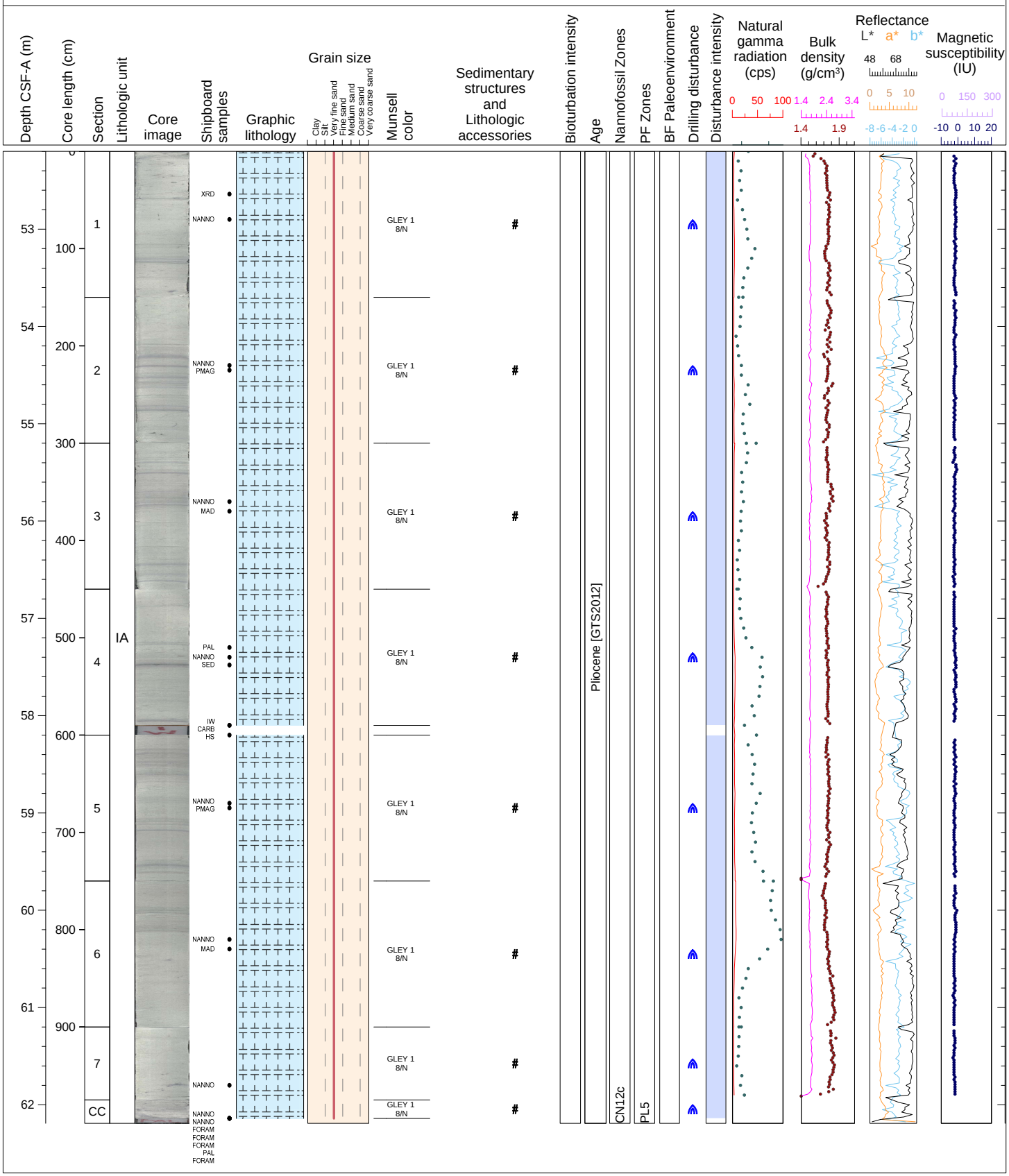
Hole 369-U1516A Core 6H, Interval 42.7-52.64 m (CSF-A)

Core 6H consists of a white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. There are also intervals of light greenish gray (GLEY 1 7/10Y) silty calcareous ooze with sponge spicules that is massive and structureless. Bluish green streaks of oxides/manganese are present from Section 1 to 7. Bioturbation is absent. The core is slightly to moderately bowed.



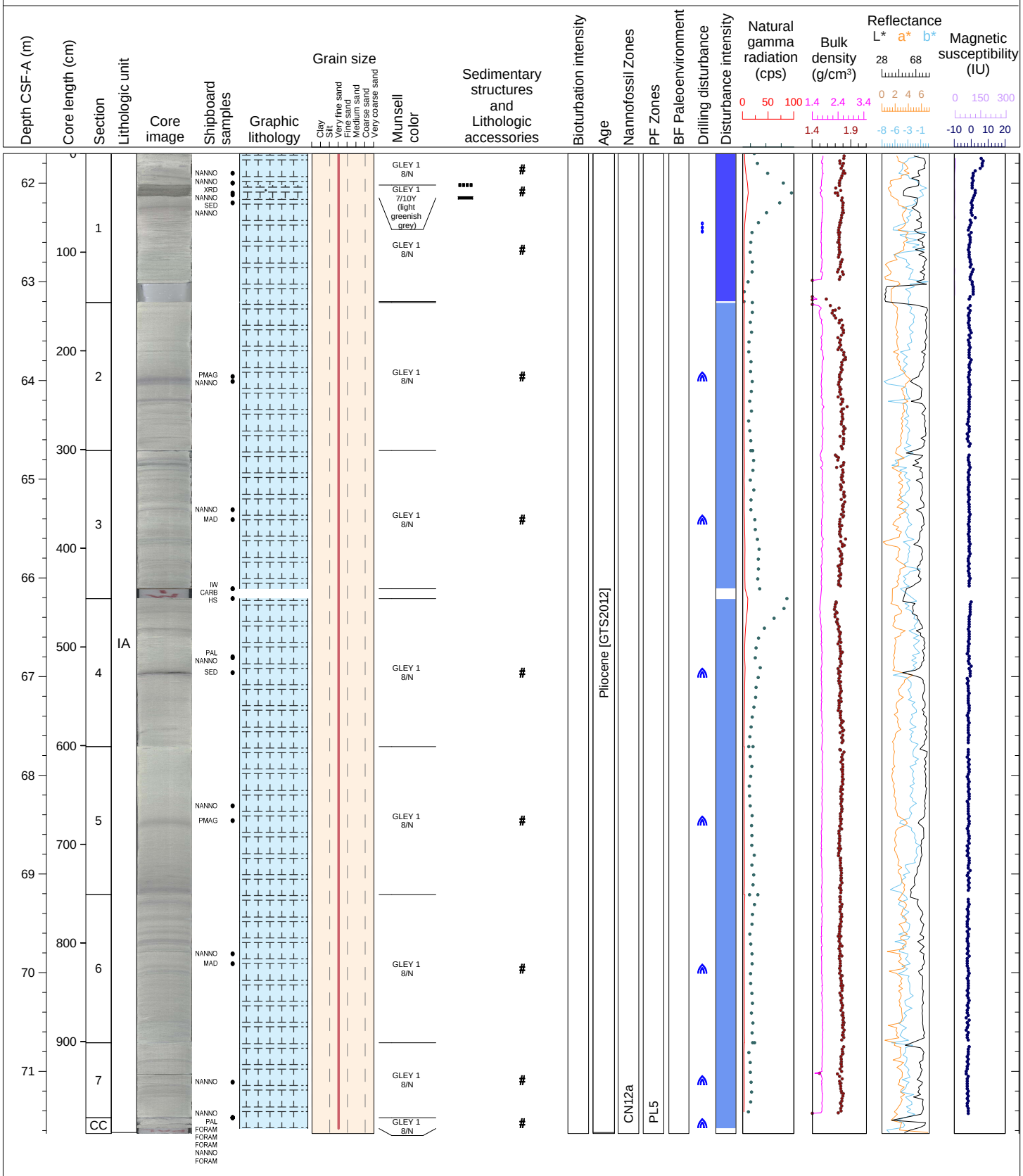
Hole 369-U1516A Core 7H, Interval 52.2-62.19 m (CSF-A)

Core 7H consists of a white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. Bluish green streaks of oxides/manganese are present from Section 1 to 7. Bioturbation is absent. The core is slightly bowed.



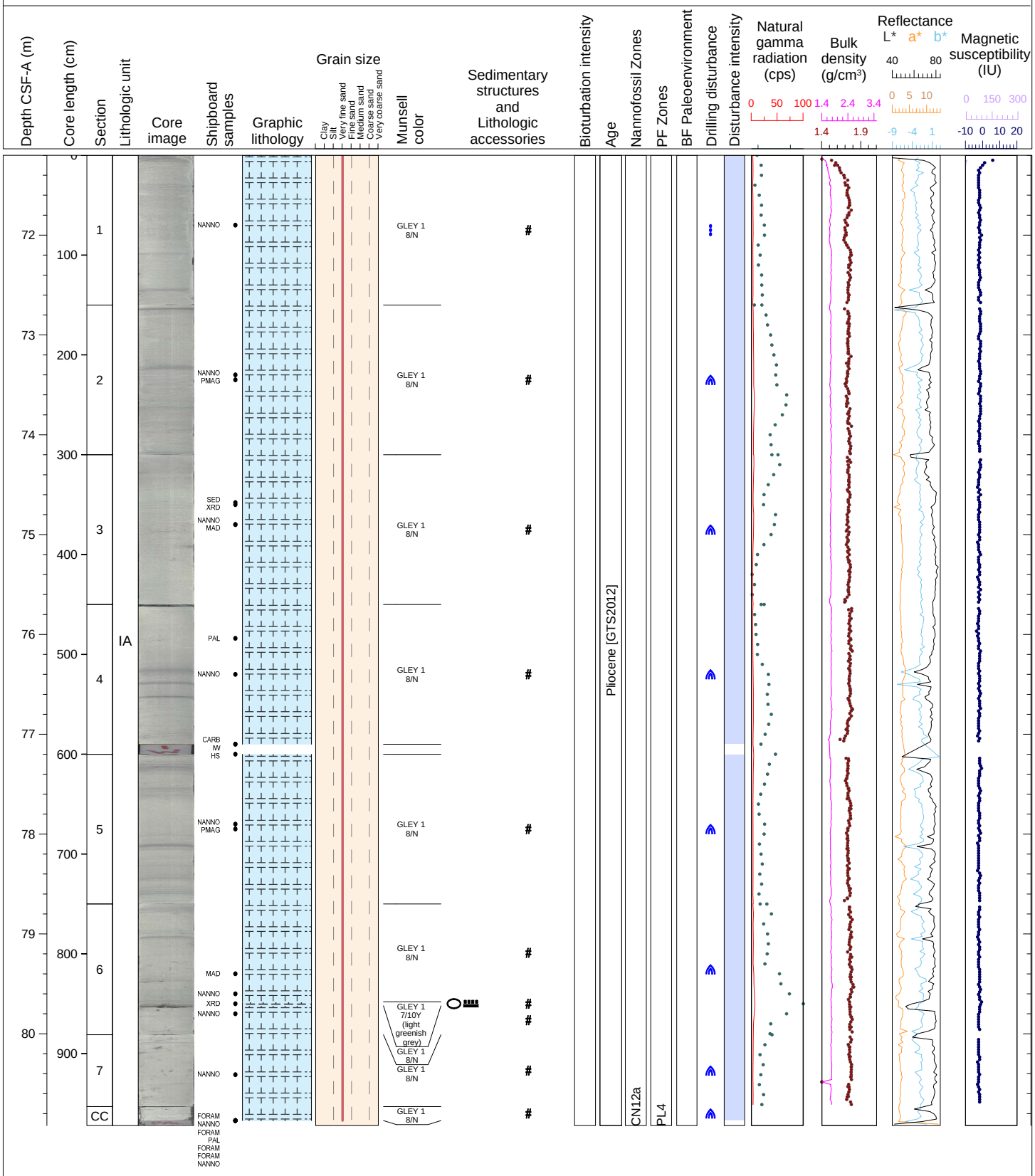
Hole 369-U1516A Core 8H, Interval 61.7-71.63 m (CSF-A)

Core 8H consists of a white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. In Section 1 (32-45 cm) there is an interval of light greenish gray (GLEY 1 7/10Y) silty calcareous ooze with sponge spicules that is massive and structureless. Bluish green streaks of oxides/manganese are present from Section 2 to 4. Bioturbation is absent. The core is moderately to severely bowed.



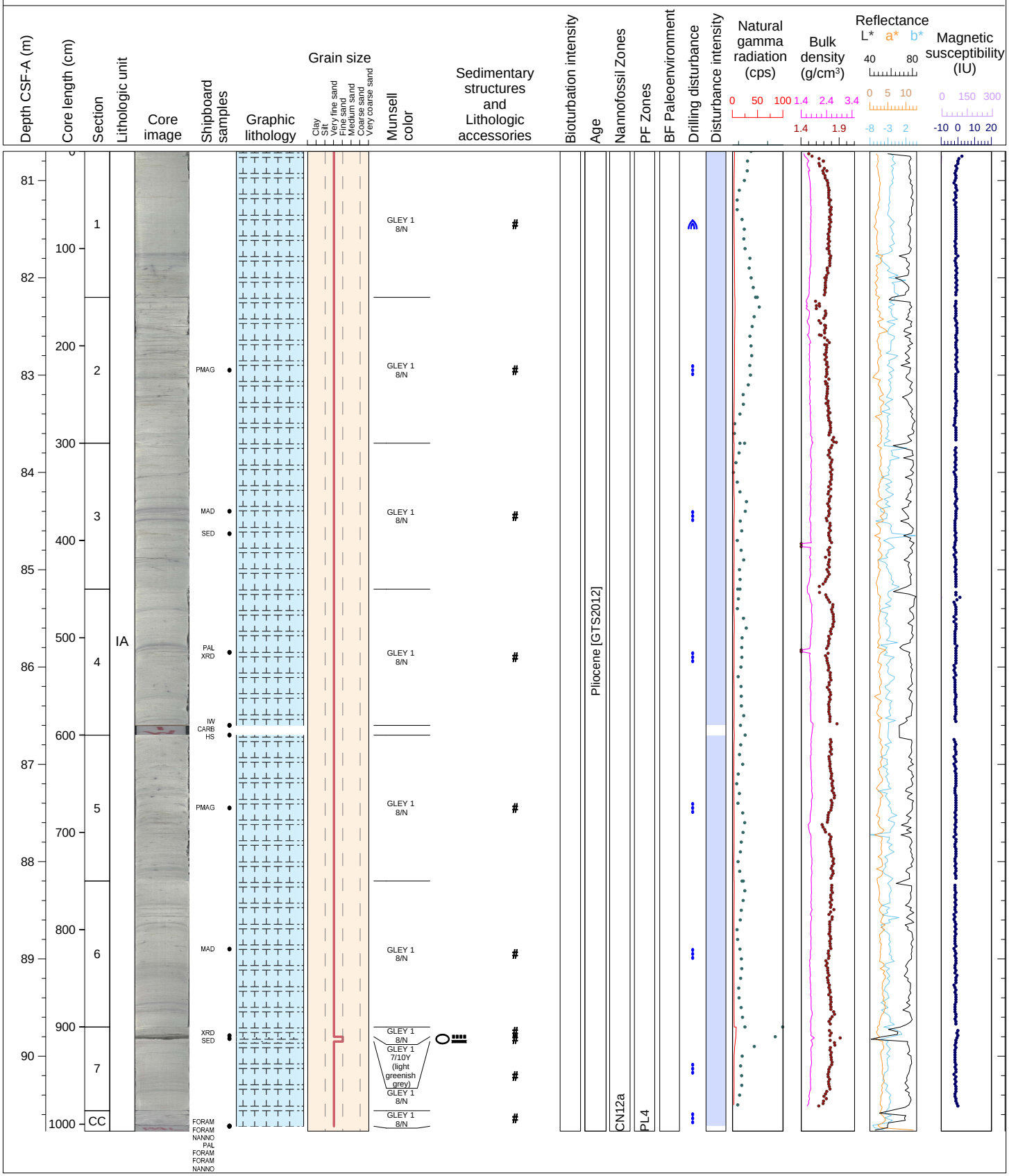
Hole 369-U1516A Core 9H, Interval 71.2-80.92 m (CSF-A)

Core 9H consists of a white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. In Section 6 (98-102 cm) there is an interval of light greenish grey (GLEY 1 7/10Y) silty calcareous ooze with sponge spicules and a sulfide nodule. Bluish green streaks of oxides/manganese are present throughout the core. Bioturbation is absent. The core is slightly bowed.



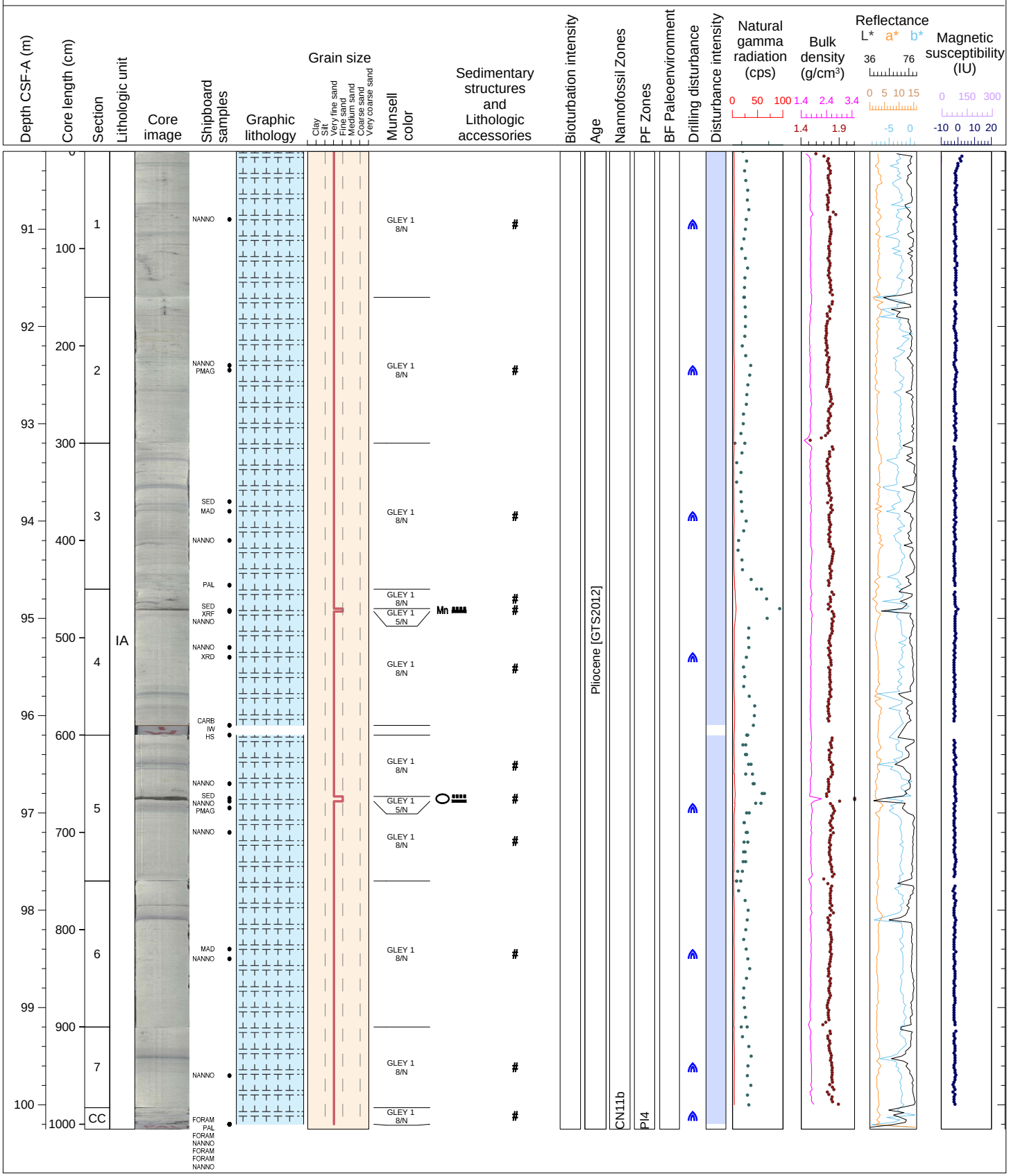
Hole 369-U1516A Core 10H, Interval 80.7-90.77 m (CSF-A)

Core 10H consists of a white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. In Section 7 (10-15 cm) there is an interval of light greenish gray (GLEY 1 7/10Y) silty calcareous ooze with sponge spicules and sulfide nodules. Bluish green streaks of oxides/manganese are present throughout the core. Bioturbation is absent. Drilling disturbance ranges from being slightly bowed to slightly soupy.



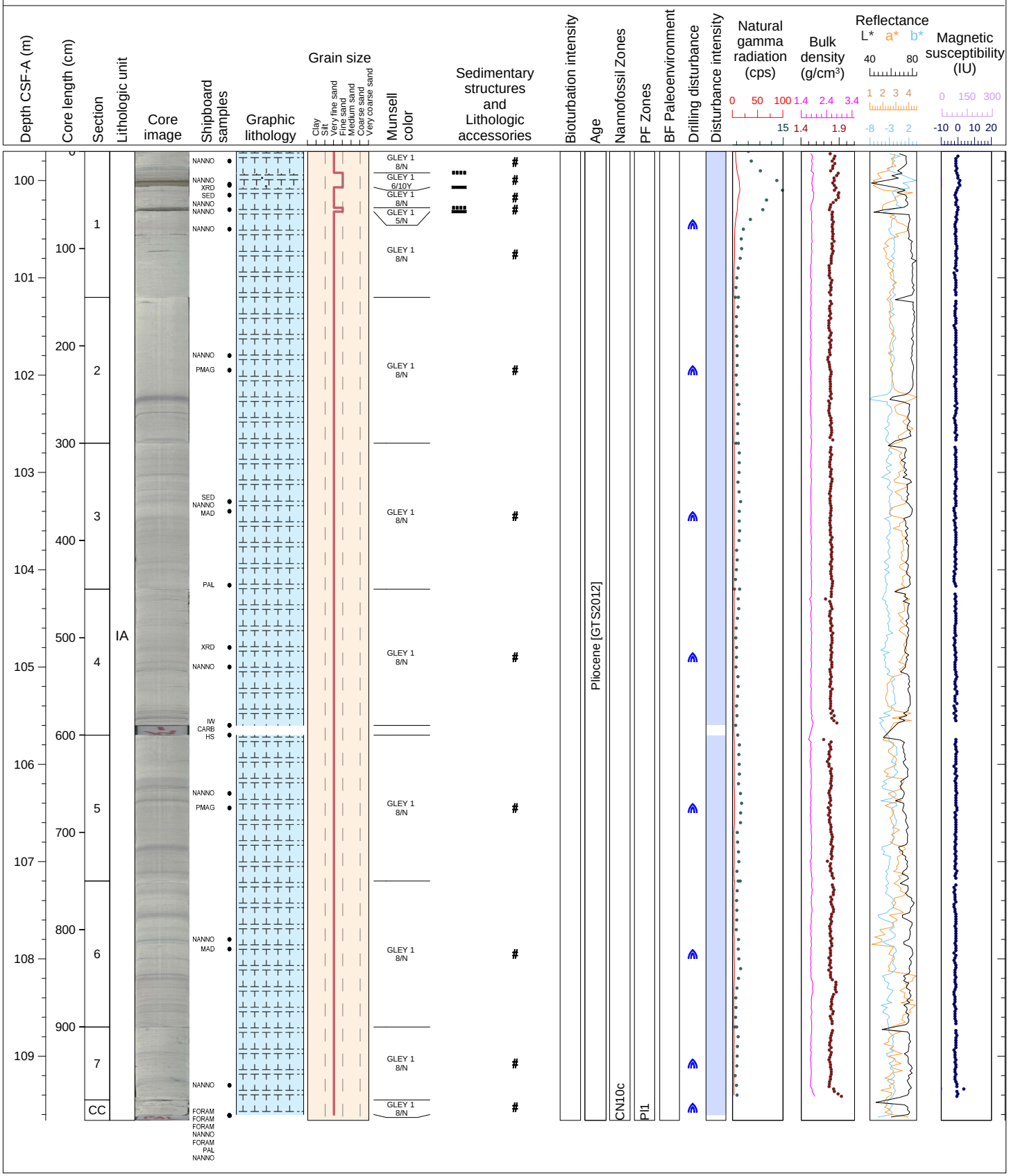
Hole 369-U1516A Core 11H, Interval 90.2-100.25 m (CSF-A)

Core 11H consists of a white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. In Section 4 (20-23 cm) there is an interval os gray (GLEY 1 5/N) silty calcareous ooze with sponge spicules and in Section 5 (63-68 cm) a gray (GLEY 1/5N) interval of pyritic calcareous ooze with sponge spicules and clay. Bluish green streaks of oxides/manganese are present throughout the core. Bioturbation is absent. The core is slightly bowed.



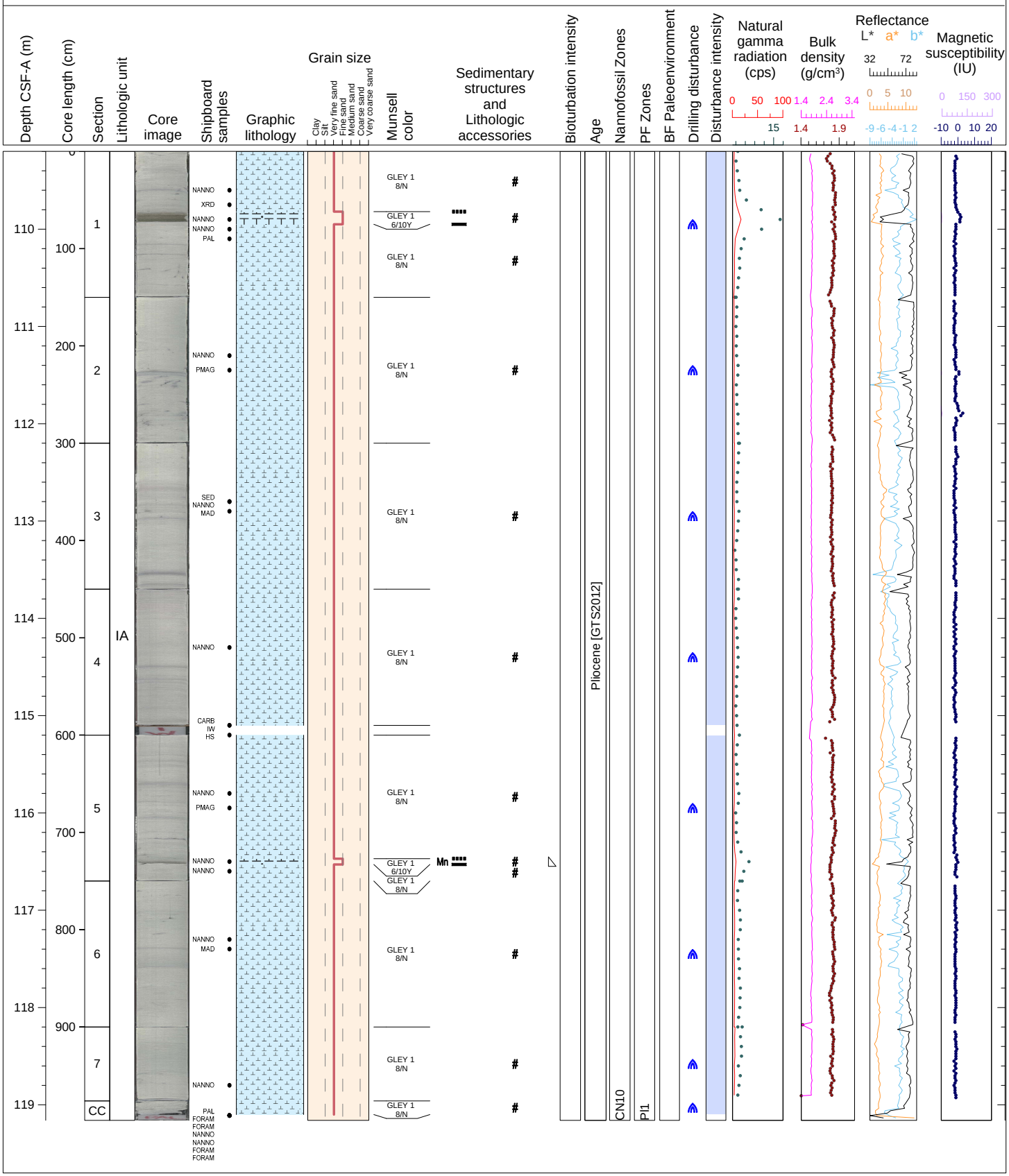
Hole 369-U1516A Core 12H, Interval 99.7-109.66 m (CSF-A)

Core 12H consists of a white (GLEY 1 8/N) calcareous ooze with sponge spicules that is massive and structureless. There are also an interval of greenish gray (GLEY 1 6/10Y) silty calcareous ooze with sponge spicules in Section 1 (22-37 cm). Bluish green streaks of oxides/manganese are present throughout the core. Bioturbation is absent. The core is slightly bowed.



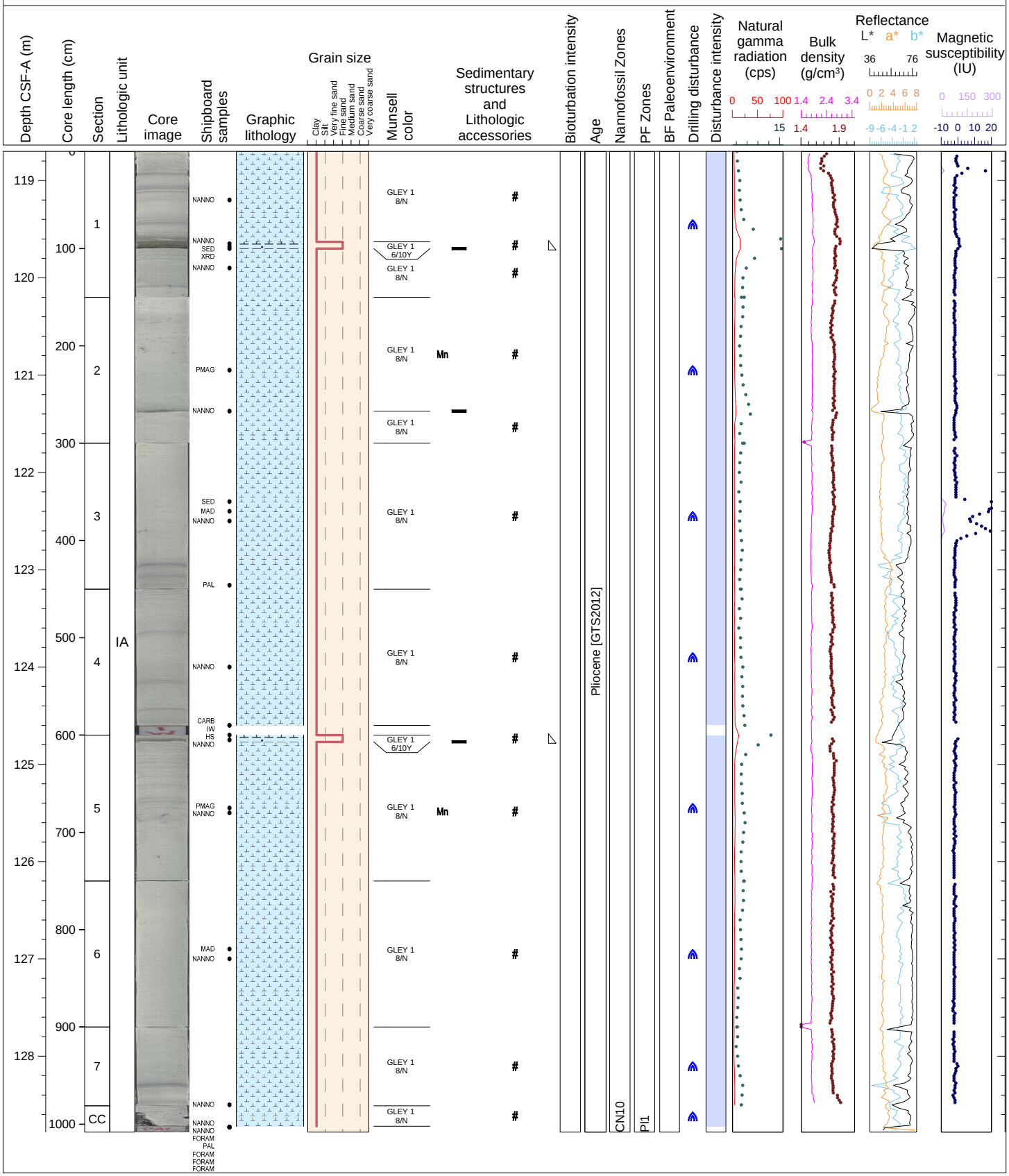
Hole 369-U1516A Core 13H, Interval 109.2-119.16 m (CSF-A)

Core 13H consists of a white (GLEY 1 8/N) nannofossil ooze with sponge spicules that is massive and structureless. There are also two intervals of greenish gray (GLEY 1 6/10Y) silty calcareous ooze with sponge spicules with nodules. Bluish green streaks of oxides/manganese are present from Section 1 to 5. Bioturbation is absent. The core is slightly bowed.



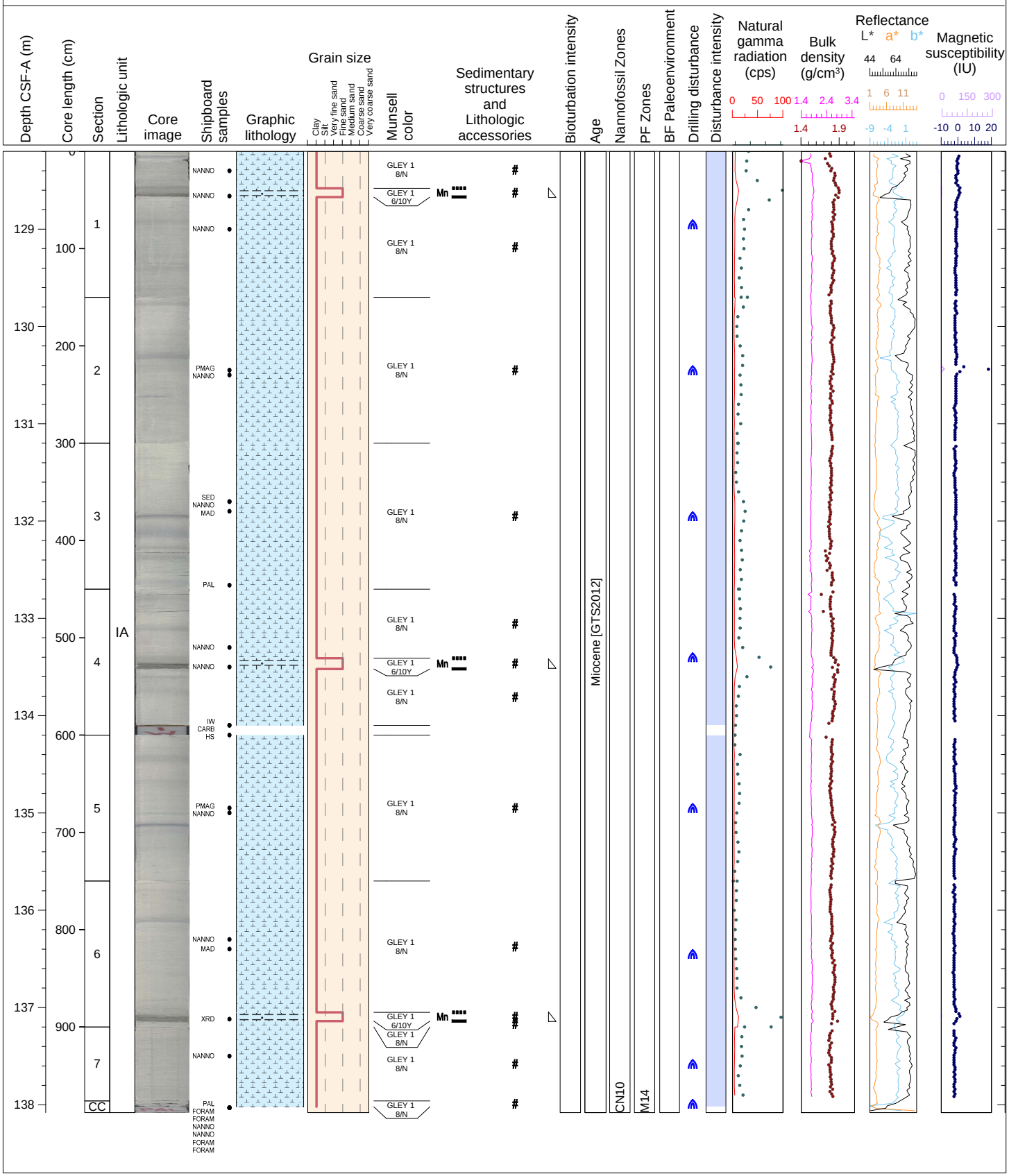
Hole 369-U1516A Core 14H, Interval 118.7-128.78 m (CSF-A)

Core 14H consists of a white (GLEY 1 8/N) nannofossil ooze with sponge spicules that is massive and generally structureless. In Section 1 (93-100 cm) and Section 5 (0-7 cm) there are intervals of greenish grey (GLEY 1 6/10Y) silty calcareous ooze with sponge spicules that exhibit normal grading and have curved erosive bases. Bioturbation is absent. The core is slightly bowed.



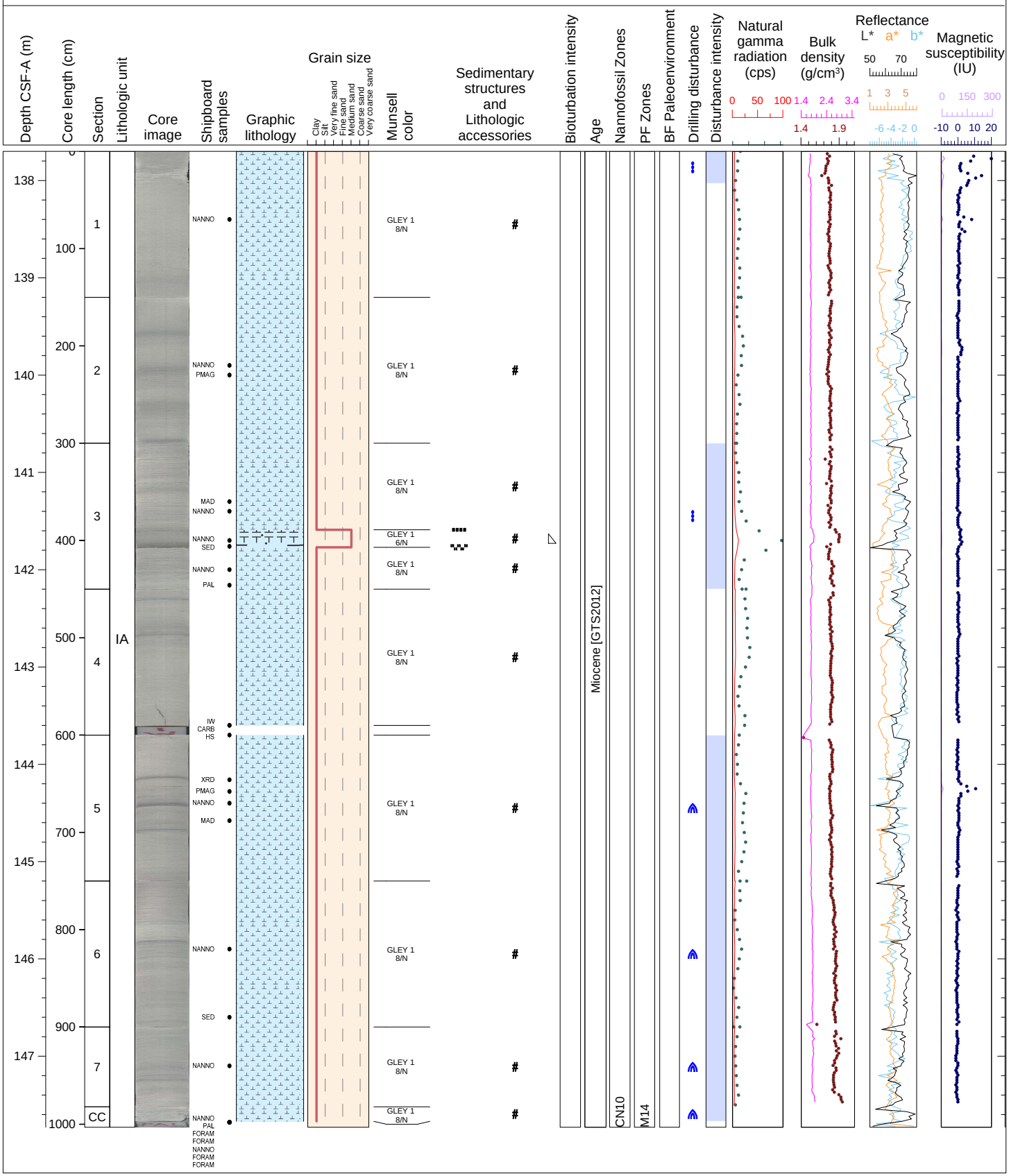
Hole 369-U1516A Core 15H, Interval 128.2-138.08 m (CSF-A)

Core 15H consists of a white (GLEY 1 8/N) nannofossil ooze with sponge spicules that is massive and structureless. In Sections 1 (38-47 cm), 4 (71-82 cm), and 6 (135-144 cm) there are intervals of greenish gray (GLEY 1 6/10Y) silty calcareous ooze with sponge spicules that exhibit normal grading and have curved erosive bases. Bluish green streaks of oxides/manganese present at various locations throughout the core. Bioturbation is absent. The core is slightly bowed.



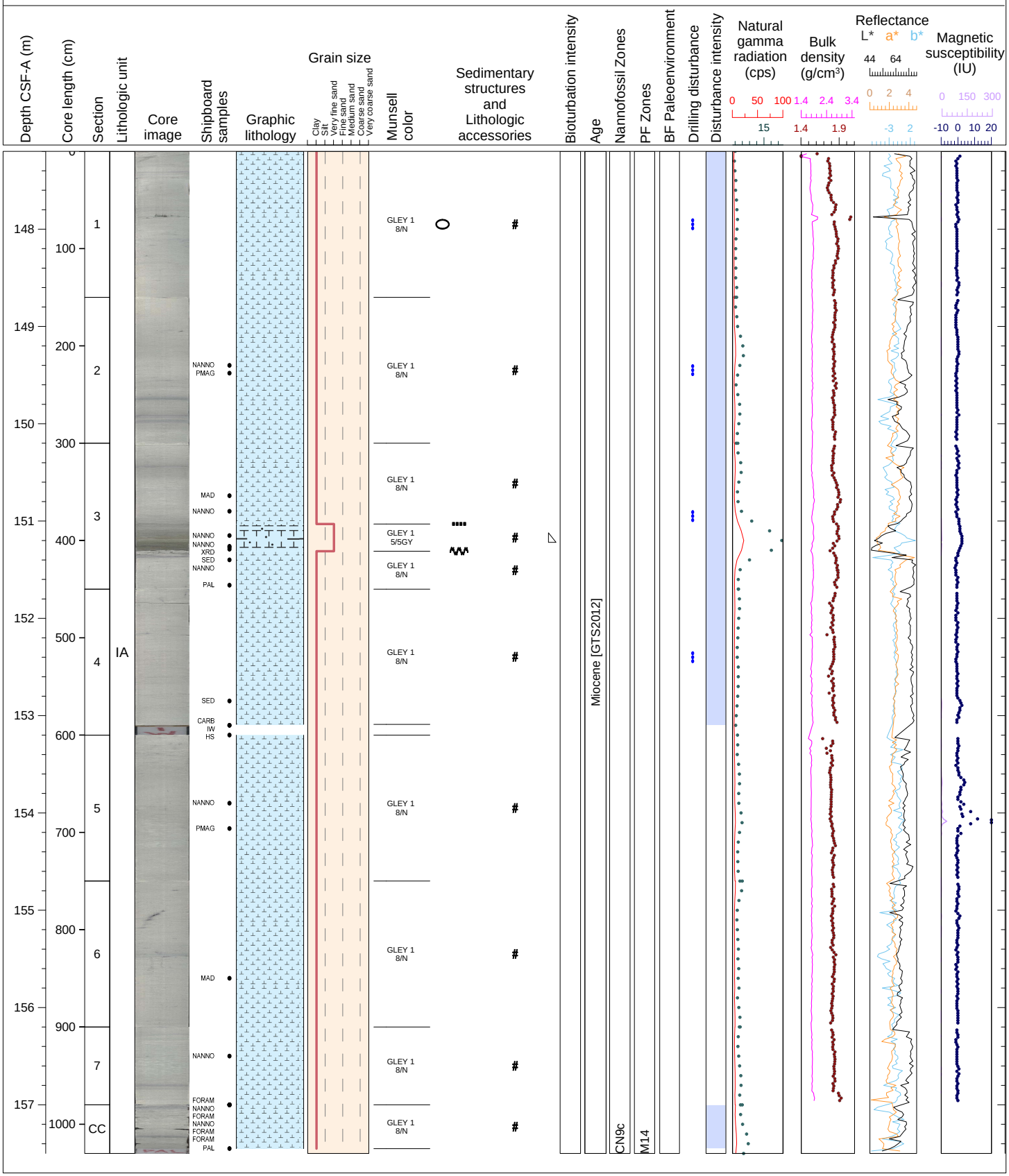
Hole 369-U1516A Core 16H, Interval 137.7-147.73 m (CSF-A)

Core 16H consists of a white (GLEY 1 8/N) nannofossil ooze with sponge spicules that is massive and structureless. There is also one intervals of gray (GLEY 6/N) silty calcareous ooze with sponge spicules that exhibits normal grading with an irregular, sharp base. Bluish green streaks of oxides/manganese are present from sections 3 to 7. Bioturbation is absent. The core is slightly bowed or slightly soupy.



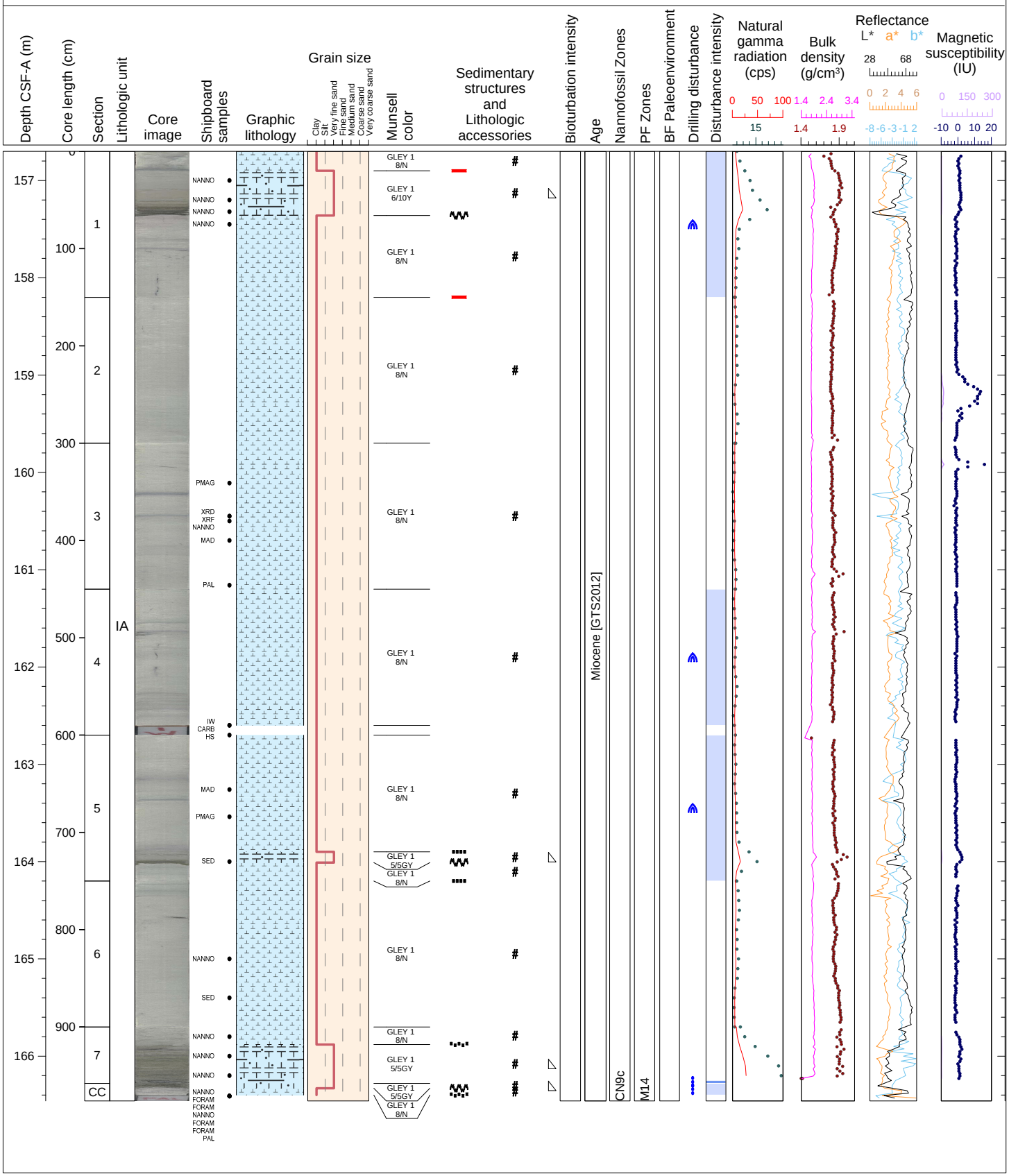
Hole 369-U1516A Core 17H, Interval 147.2-157.5 m (CSF-A)

Core 17H consists of a white (GLEY 1 8/N) massive nannofossil ooze with sponge spicules. There is als one interval in Section 3 (83-111 cm) of greenish gray (GLEY 5/5GY) very fine grained silty calcareous ooze that exhibits normal grading with an irregular, sharp base. Bluish green streaks of oxides/manganese are present throughout the core. Bioturbation is absent. The core is generally slightly soupy with the exceptions of the CC that is slightly punctured and Sections 5-7 that are undisturbed by drilling.



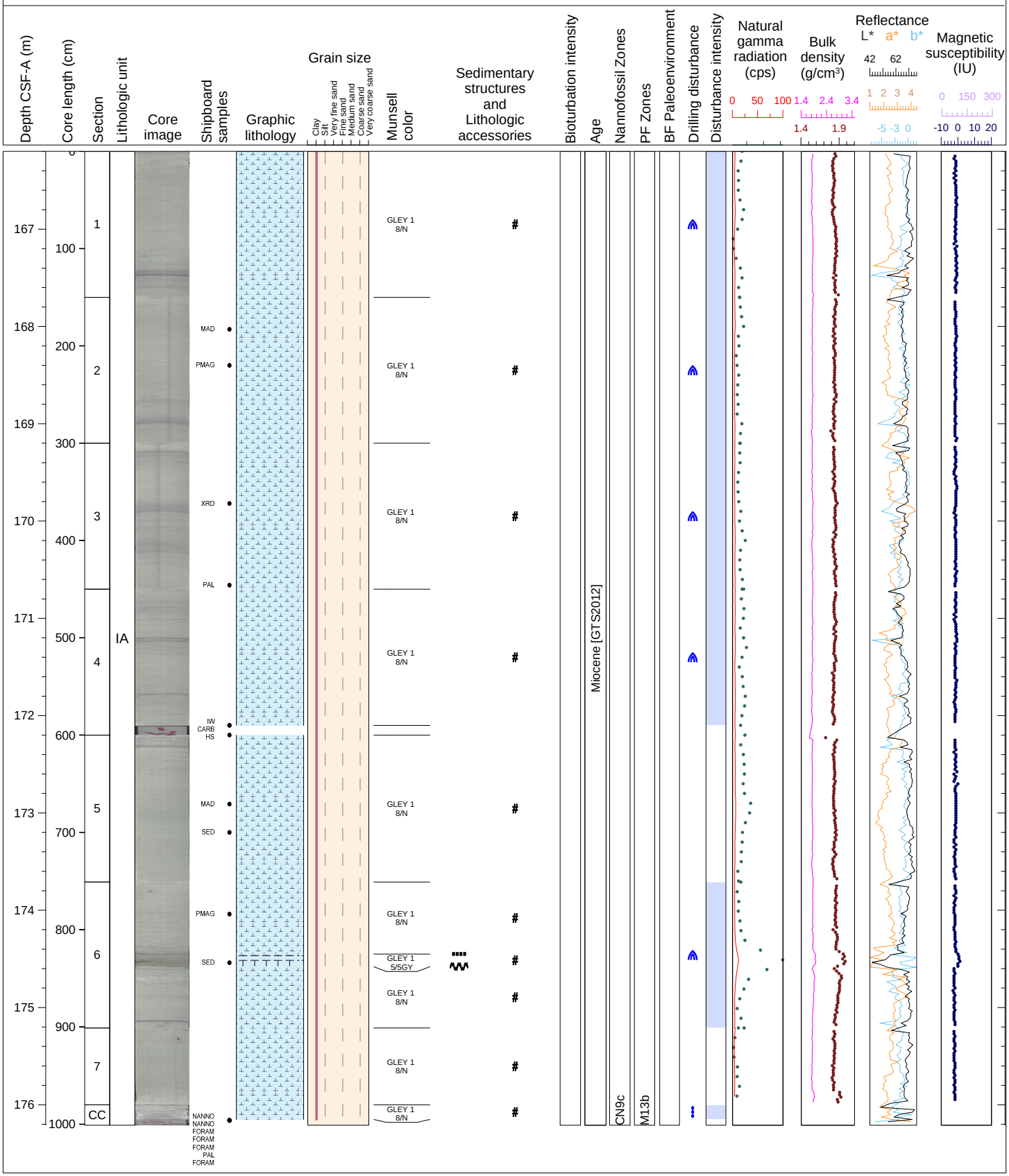
Hole 369-U1516A Core 18H, Interval 156.7-166.46 m (CSF-A)

Core 18H consists of a white (GLEY 1 8/N) nannofossil ooze that is massive and structureless. There are three intervals of greenish gray (GLEY 1 6/10Y, GLEY 5/5GY) very fine grained silty calcareous ooze that exhibit normal grading and scoured, sharp bases. Bluish green streaks of oxides/manganese are presentthroughout the core. Bioturbation is absent. Sections 2, 3, 5, and 6 are undisturbed by drilling, the rest of the core is slightly bowed, and the CC is moderately soupy.



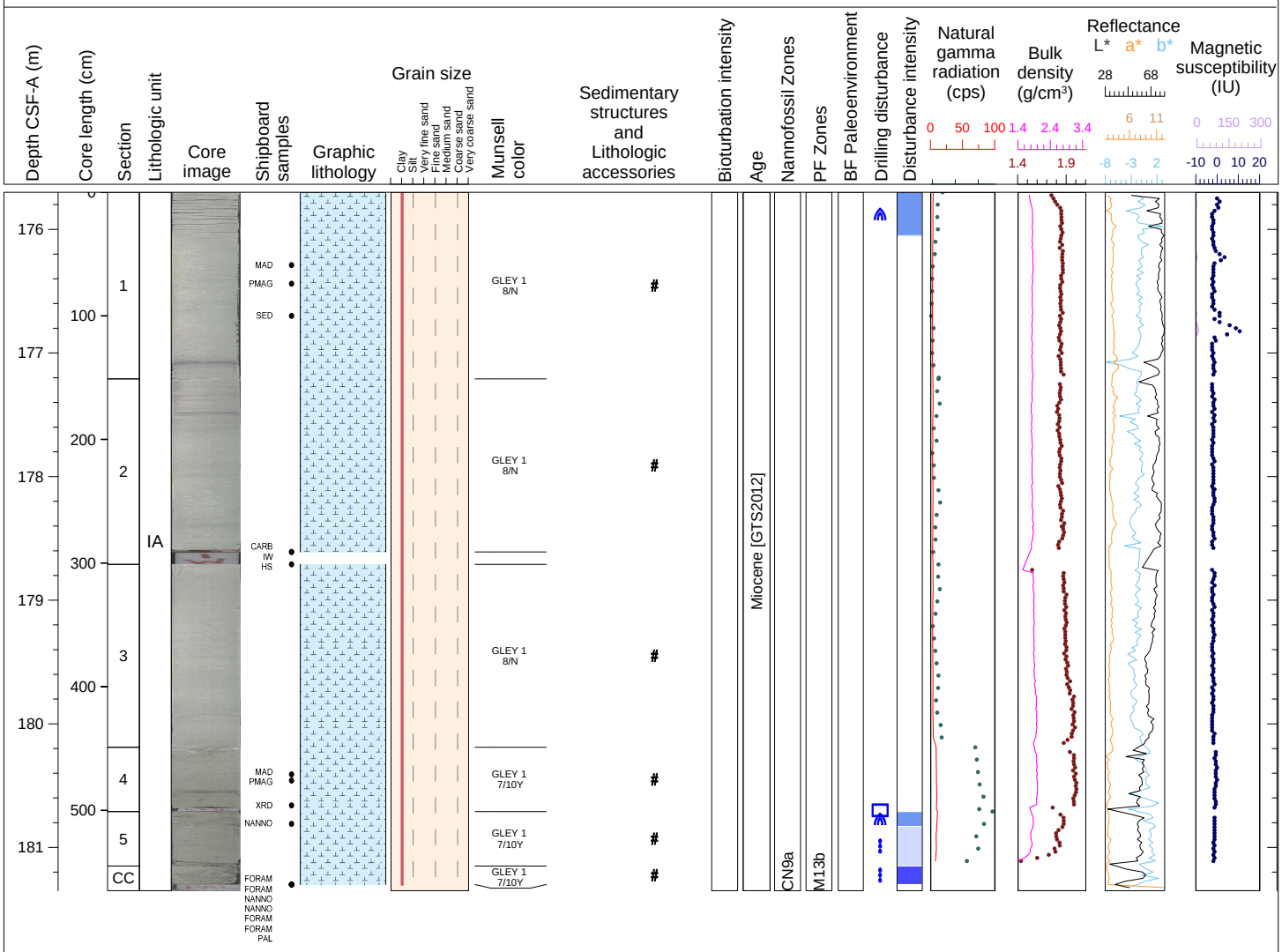
Hole 369-U1516A Core 19H, Interval 166.2-176.21 m (CSF-A)

Core 19H consists of a white (GLEY 1 8/N) massive nannofossil ooze. There is one interval of greenish gray (GLEY 5/5GY) calcareous ooze that has an irregular, sharp base. Bluish green streaks of oxides/manganese are present throughout the core. Bioturbation is absent. The core is moderately soupy or slightly bowed. The core is generally slightly bowed with the exceptions of Sections 5 and 7 that exhibit no drilling disturbance.



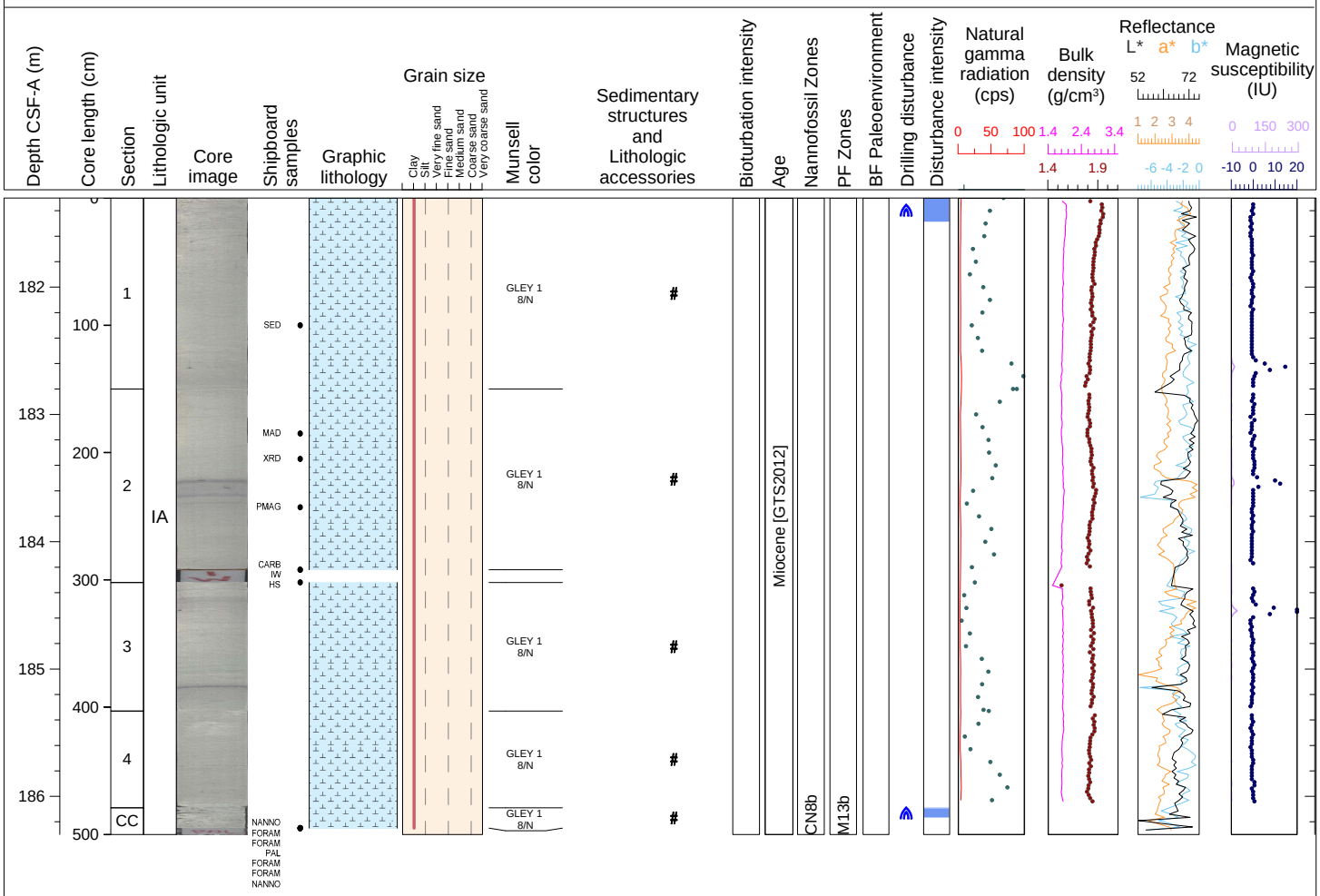
Hole 369-U1516A Core 20H, Interval 175.7-181.35 m (CSF-A)

Core 20H consists of a white (GLEY 1 8/N) nannofossil ooze in Sections 1-3 that is massive and structureless. Sections 4-CC are light greenisg gray nannofossil ooze that is also massive and structureless. There is one interval of gray (GLEY 1 5/N) foraminifera ooze in Section 5 (0-1 cm). Bluish green streaks of oxides/manganese are present throughout the core. Bioturbation is absent. The core is either slightly to severely soupy, slightly bowed or unaffected by drilling disturbances.



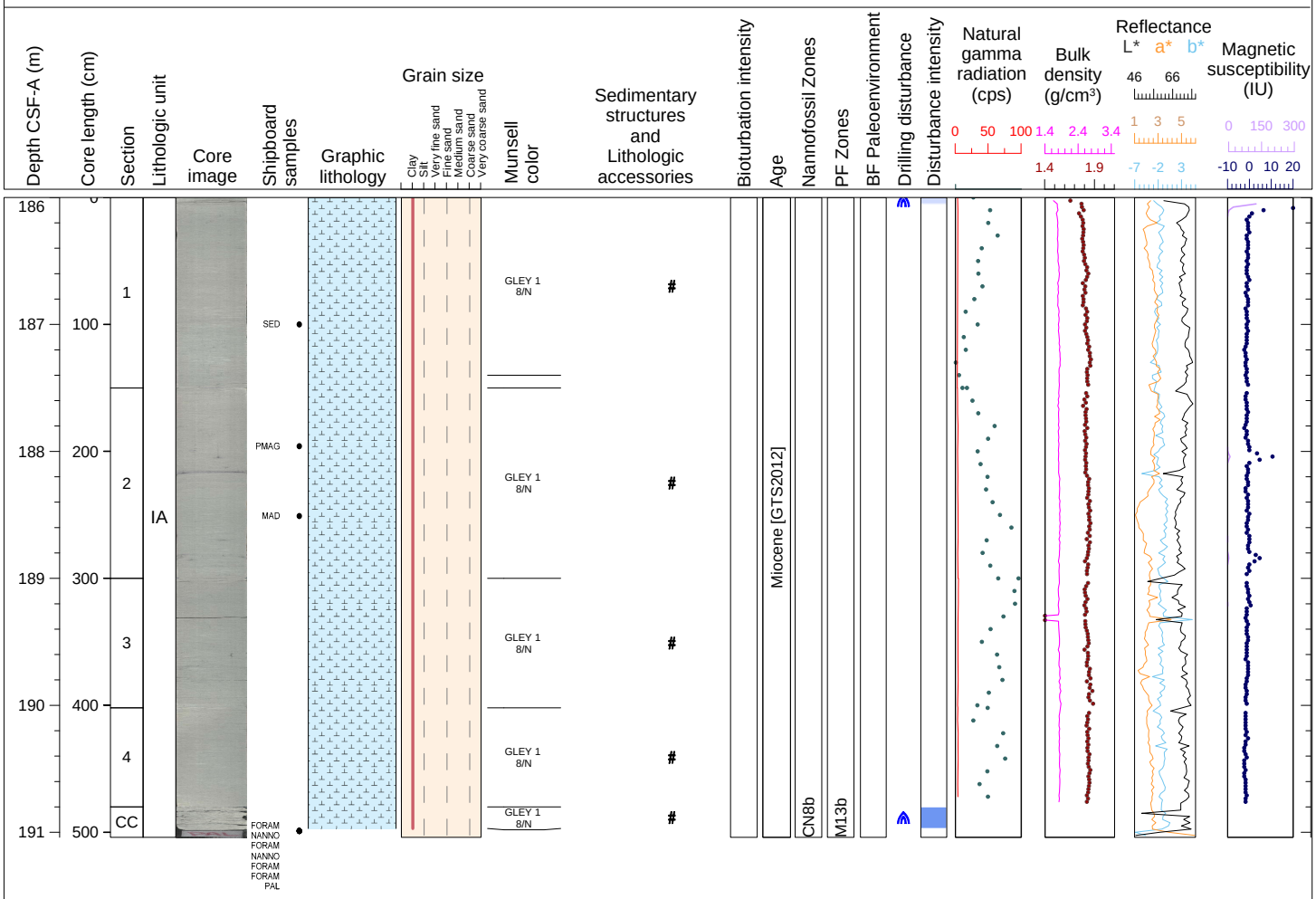
Hole 369-U1516A Core 21F, Interval 181.3-186.3 m (CSF-A)

Core 21F consists of a white (GLEY 1 8/N) nannofossil ooze that is massive and structureless. Bluish green streaks of oxides/manganese are present in Sections 2 and 3. Bioturbation is absent. The core is either not disturbed or moderately bowed.



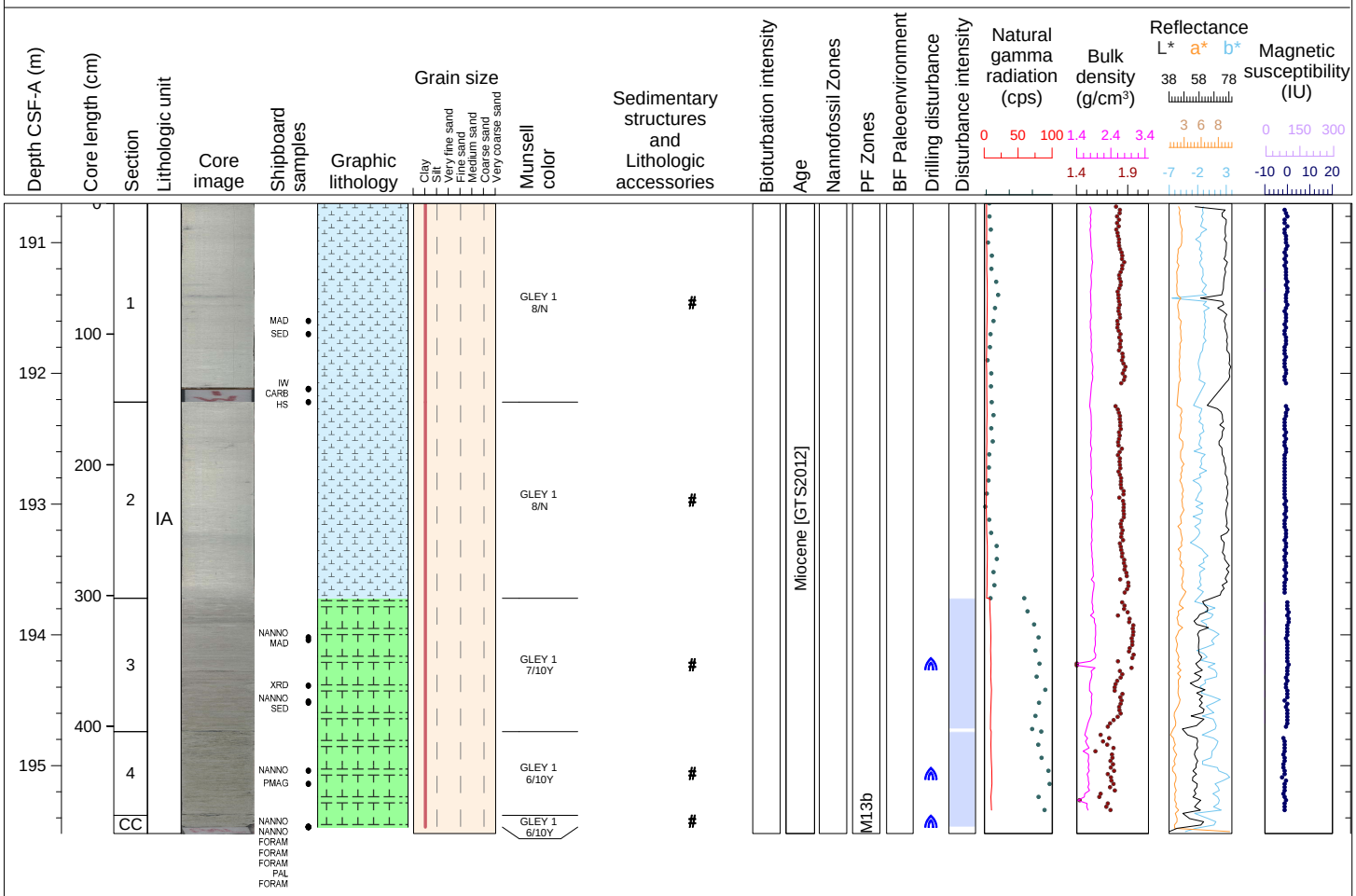
Hole 369-U1516A Core 22F, Interval 186.0-191.04 m (CSF-A)

Core 22F consists of a white (GLEY 1 8/N) nannofossil ooze with sponge spicules that is massive and structureless. Bluish green streaks of oxides/manganese are present in Section 2 (67 cm) and black vertical streak (possible monosulfides?) is present in Section 3 (58061 cm). Bioturbation is absent. The core is either not disturbed or slightly to moderately bowed.



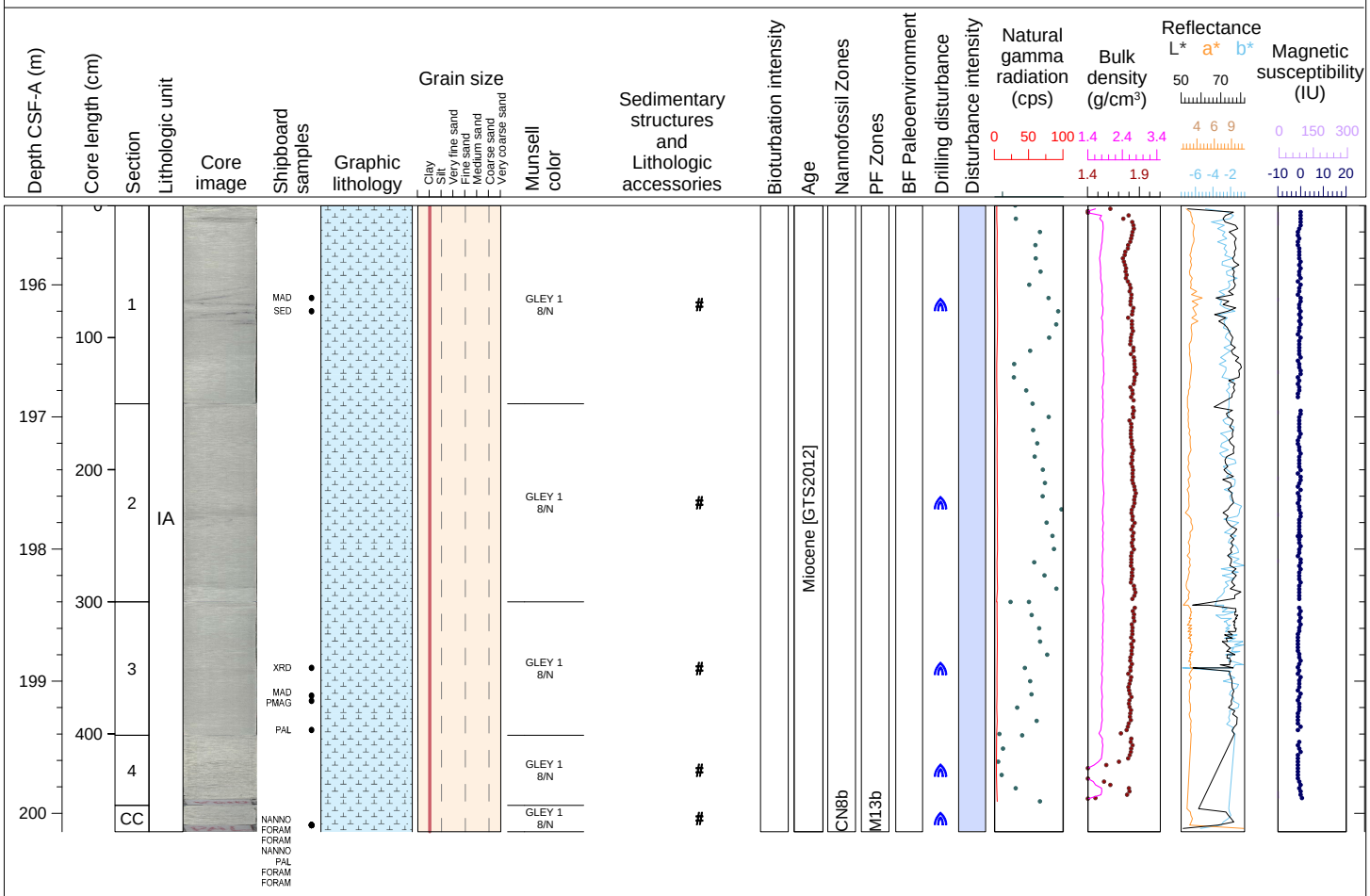
Hole 369-U1516A Core 23F, Interval 190.7-195.52 m (CSF-A)

Core 23F consists of a white (GLEY 1 8/N) nannofossil ooze with with sponge spicules and a light greenish gray (GLEY 1 7/10Y) greenish grey (GLEY 1 6/10Y) sponge spicule rich calcareous ooze with clay. Black monosulfides are present throughout Sections 1 and 2. Bioturbation is absent. The core is either not disturbed or slightly bowed.



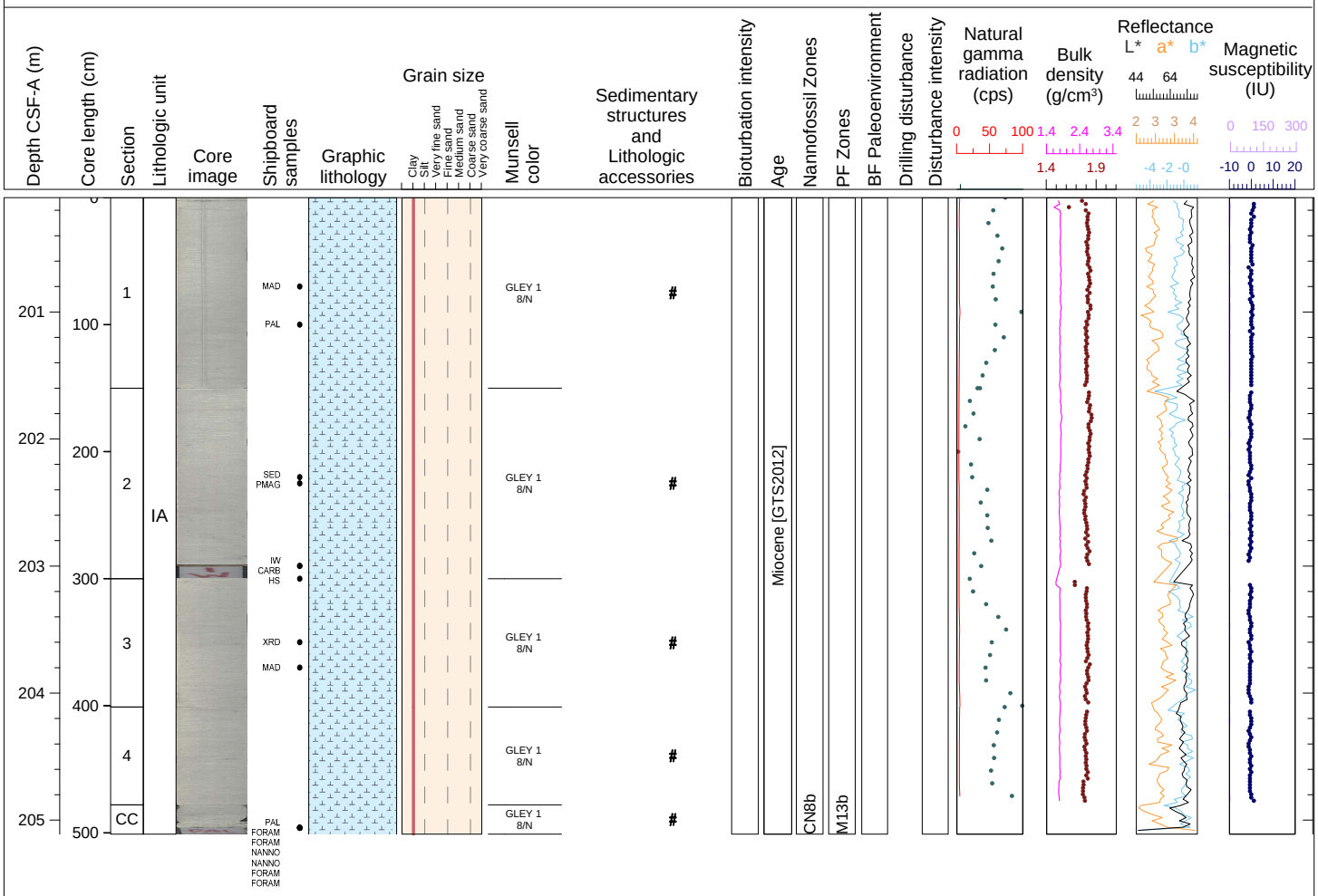
Hole 369-U1516A Core 24F, Interval 195.4-200.14 m (CSF-A)

Core 24F consists of a white (GLEY 1 8/N) nannofossil ooze with with sponge spicules that is massive and structureless. Black monosulfides are present in Section 1. Bioturbation is absent. The core is slightly bowed.



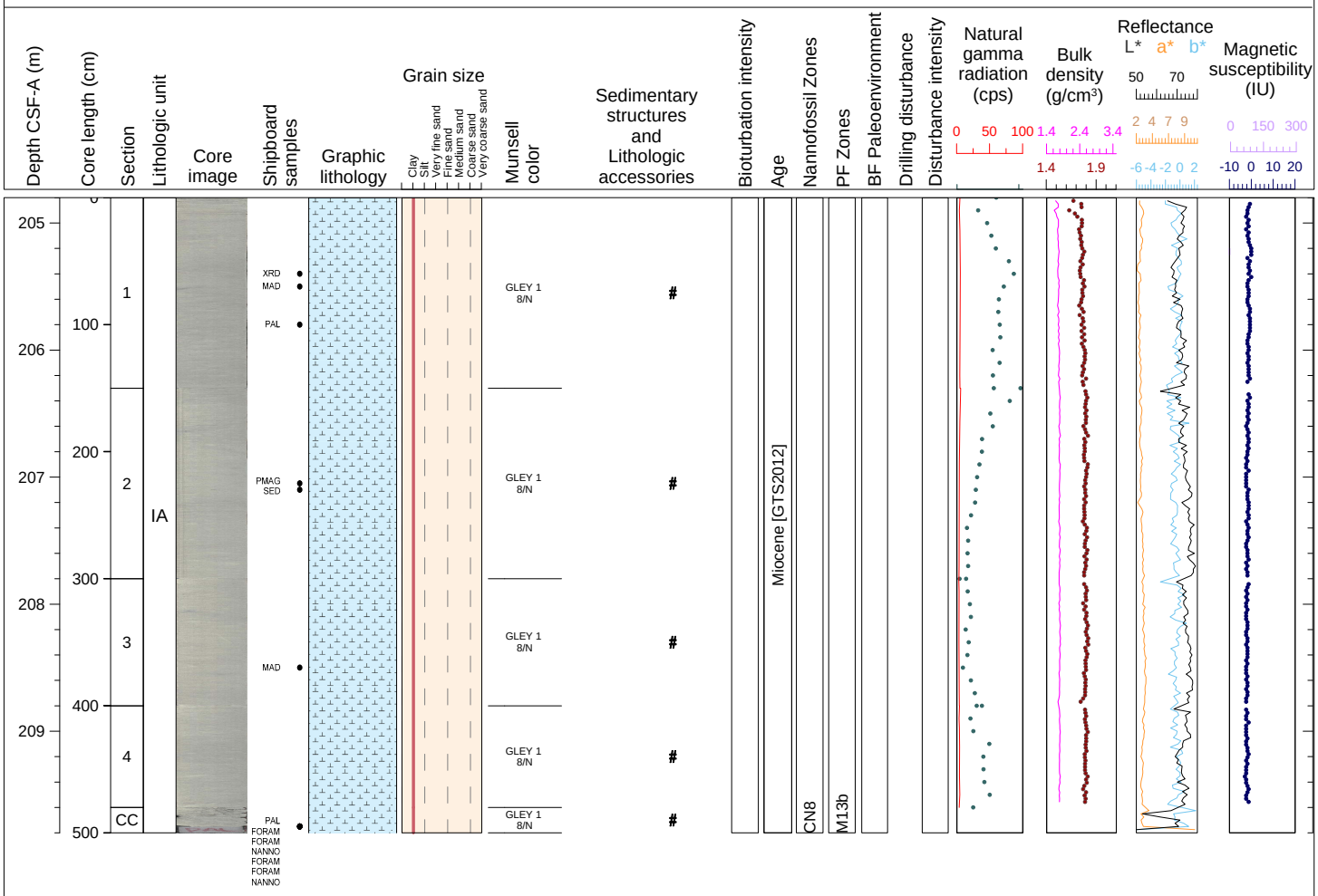
Hole 369-U1516A Core 25F, Interval 200.1-205.11 m (CSF-A)

Core 25F consists of a white (GLEY 1 8/N) nannofossil ooze with with sponge spicules that is massive and structureless. Bioturbation is absent. The core is unaffected by drilling disturbances.



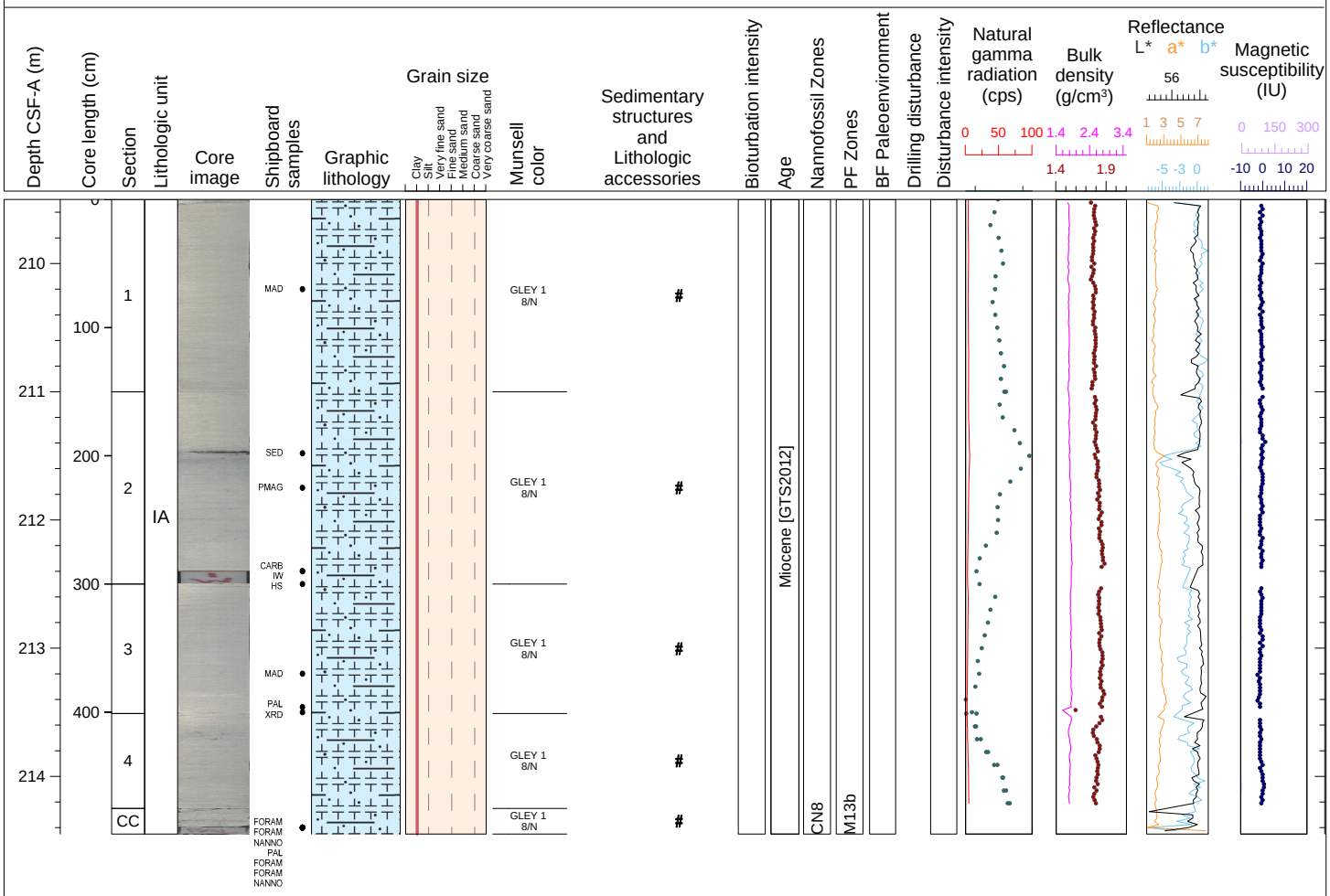
Hole 369-U1516A Core 26F, Interval 204.8-209.8 m (CSF-A)

Core 26F consists of a white (GLEY 1 8/N) nannofossil chalk that is massive and structureless. Bioturbation is absent. The core is unaffected by drilling disturbances



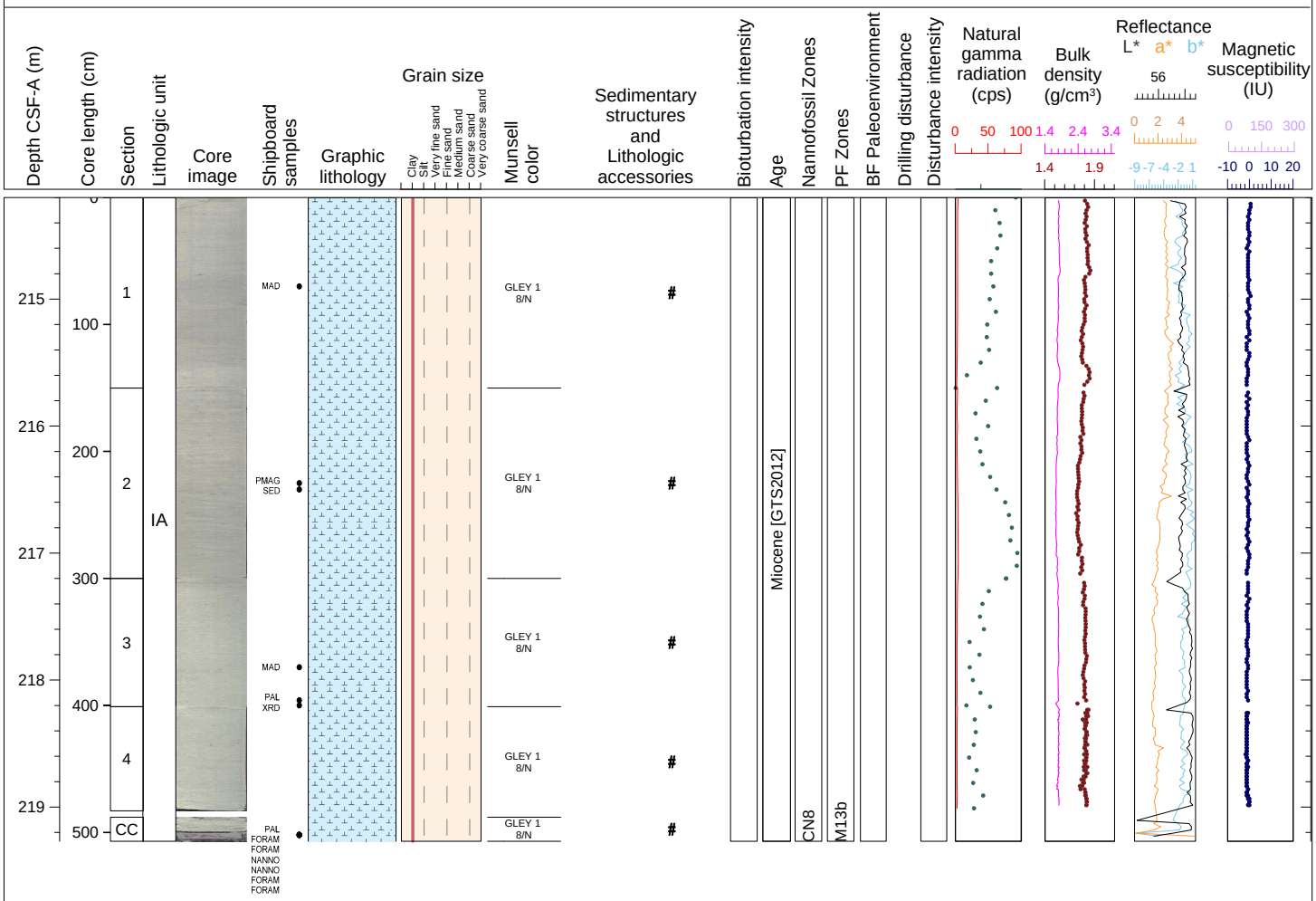
Hole 369-U1516A Core 27F, Interval 209.5-214.45 m (CSF-A)

Core 27F consists of a white (GLEY 1 8/N) silty calcareous chalk that is massive and structureless. A black monosulfide interval is present in Section 2 (47-49 cm). Bioturbation is absent. The core is unaffected by drilling disturbances



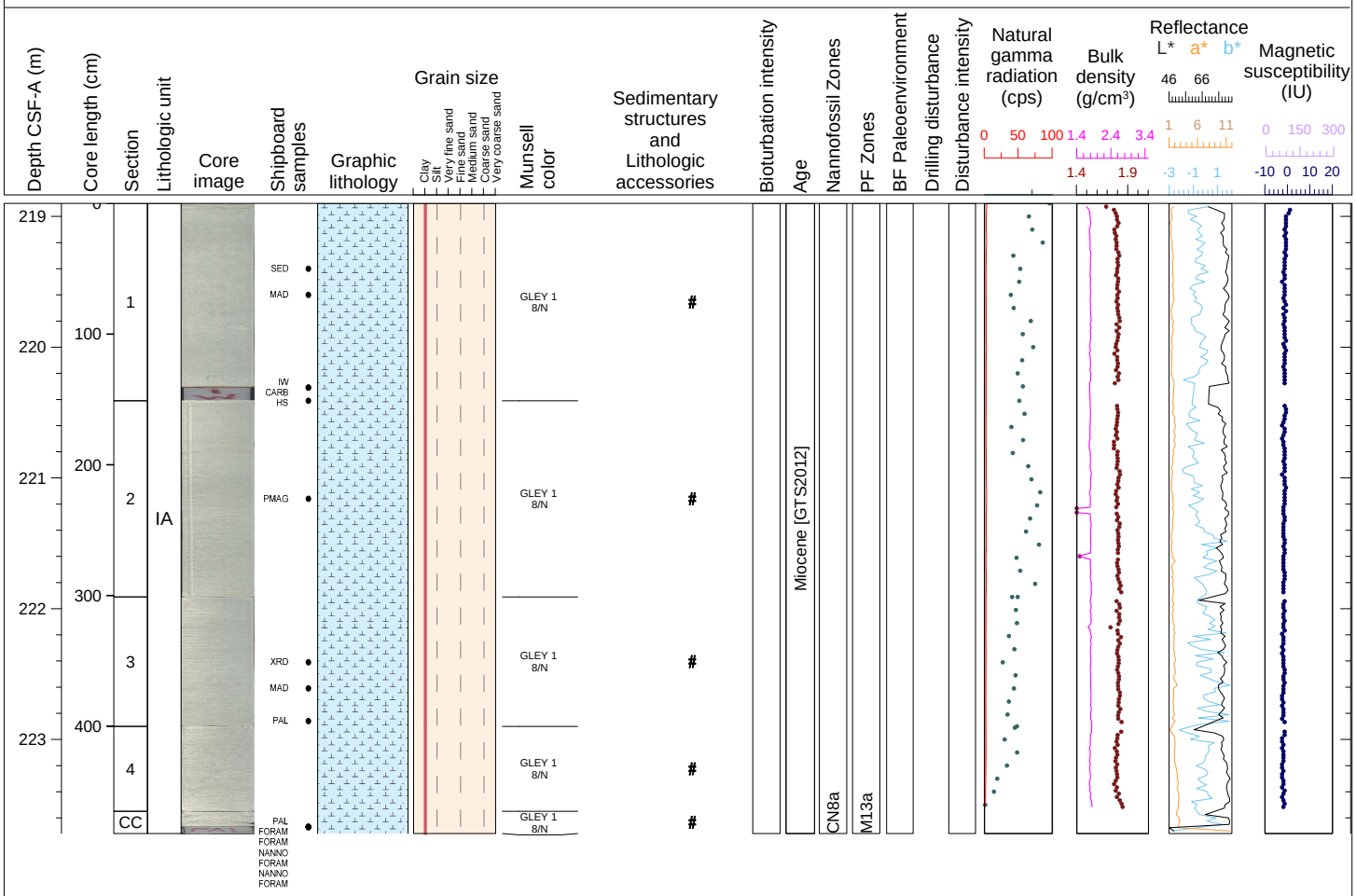
Hole 369-U1516A Core 28F, Interval 214.2-219.27 m (CSF-A)

Core 28F consists of a white (GLEY 1 8/N) nannofossil chalk that is massive and structureless. Bioturbation is absent. The core is unaffected by drilling disturbances.



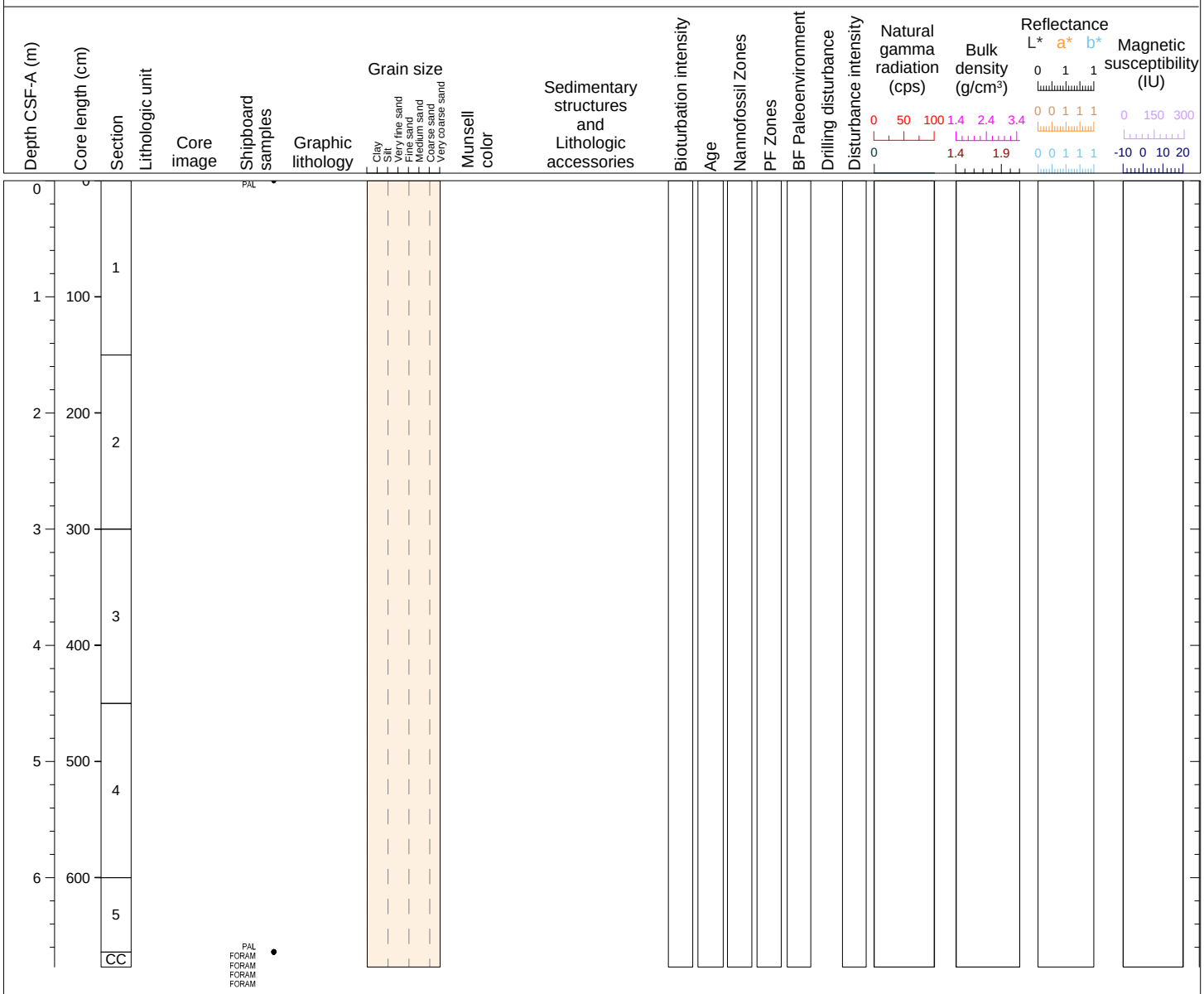
Hole 369-U1516A Core 29F, Interval 218.9-223.72 m (CSF-A)

Core 29F consists of a white (GLEY 1 8/N) nannofossil chalk that is massive and structureless. Bioturbation is absent. The core is unaffected by drilling disturbances.



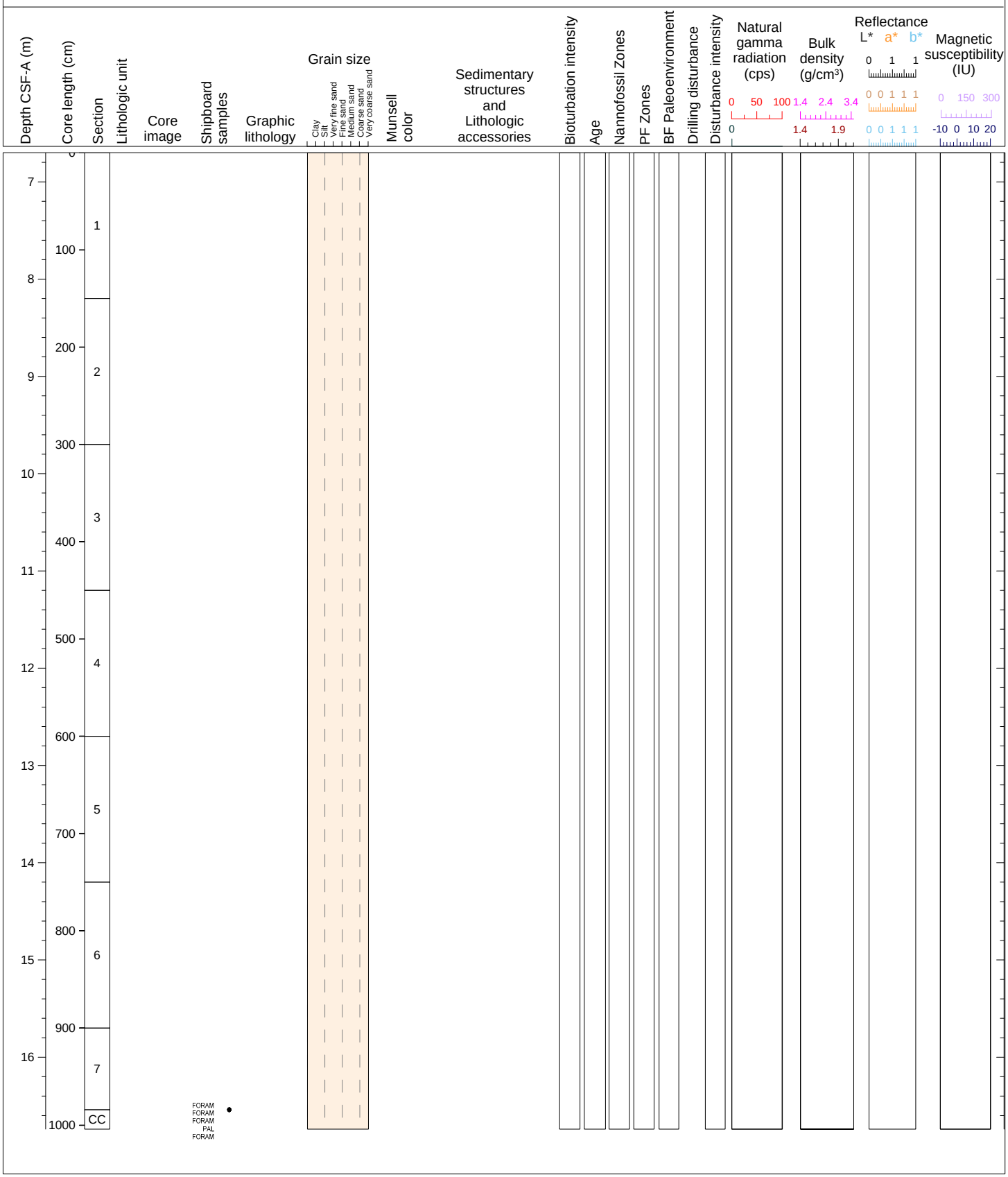
Hole 369-U1516B Core 1H, Interval 0.0-6.77 m (CSF-A)

All to paleo.



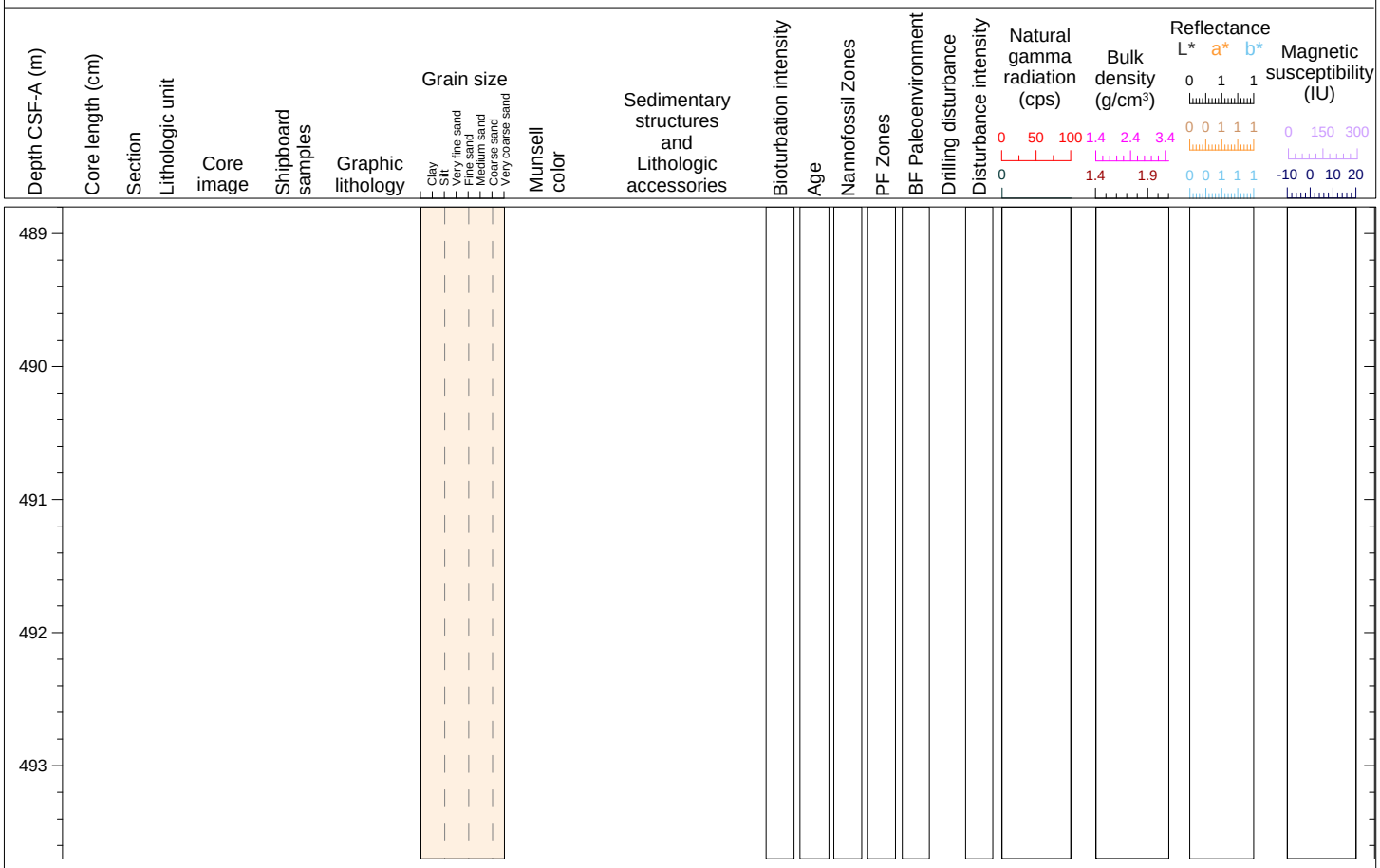
Hole 369-U1516B Core 2H, Interval 6.7-16.74 m (CSF-A)

All to paleo.



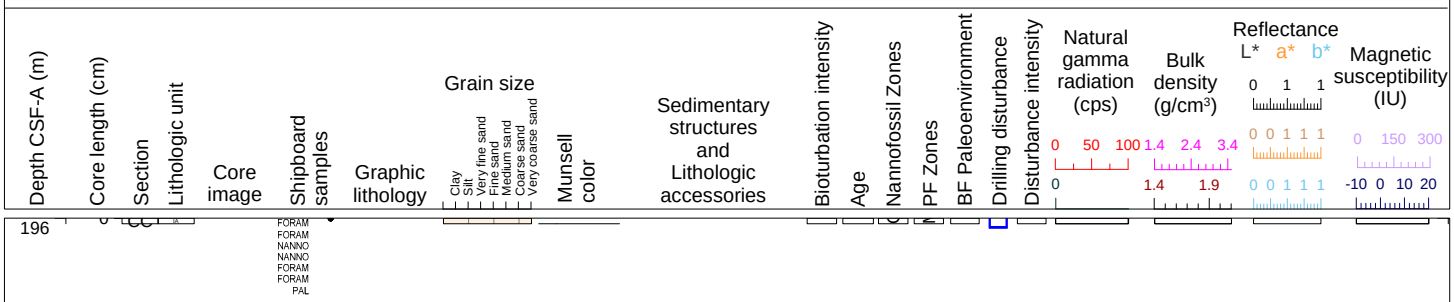
Hole 369-U1516C Core 11, Interval 0.0-0.0 m (CSF-A)

Drilled interval.



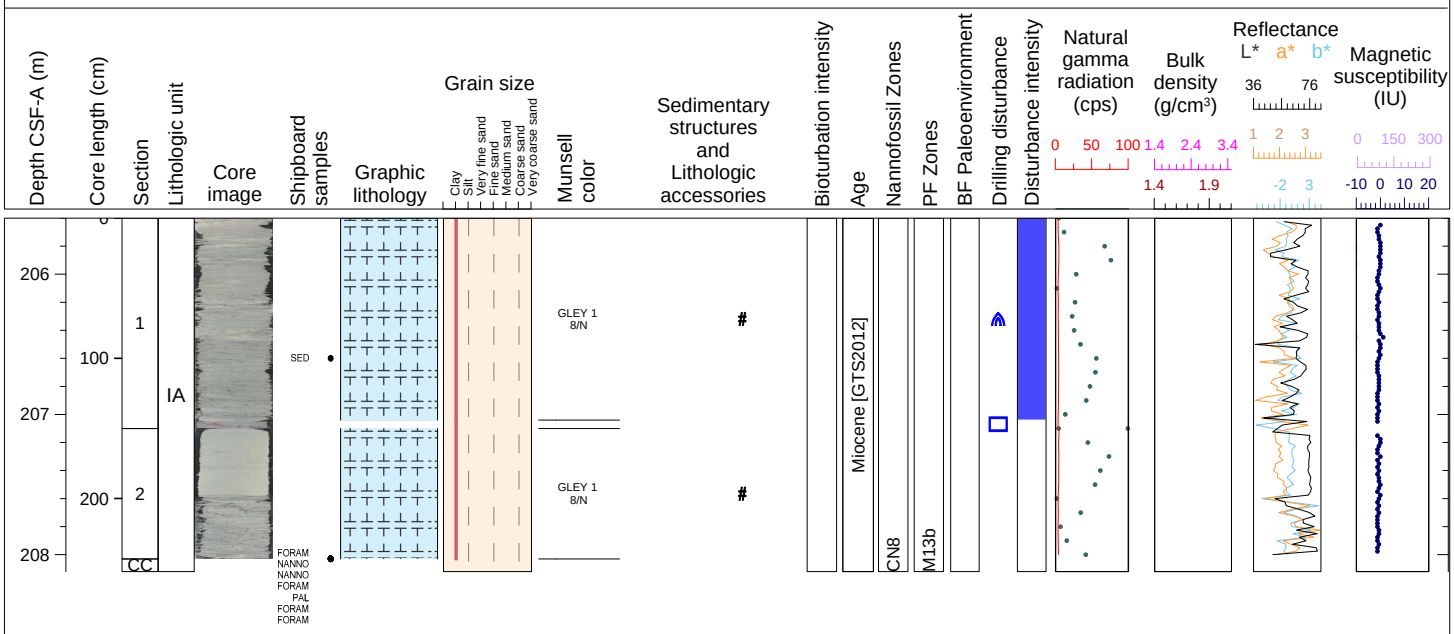
Hole 369-U1516C Core 2R, Interval 196.0-196.04 m (CSF-A)

All to paleo.



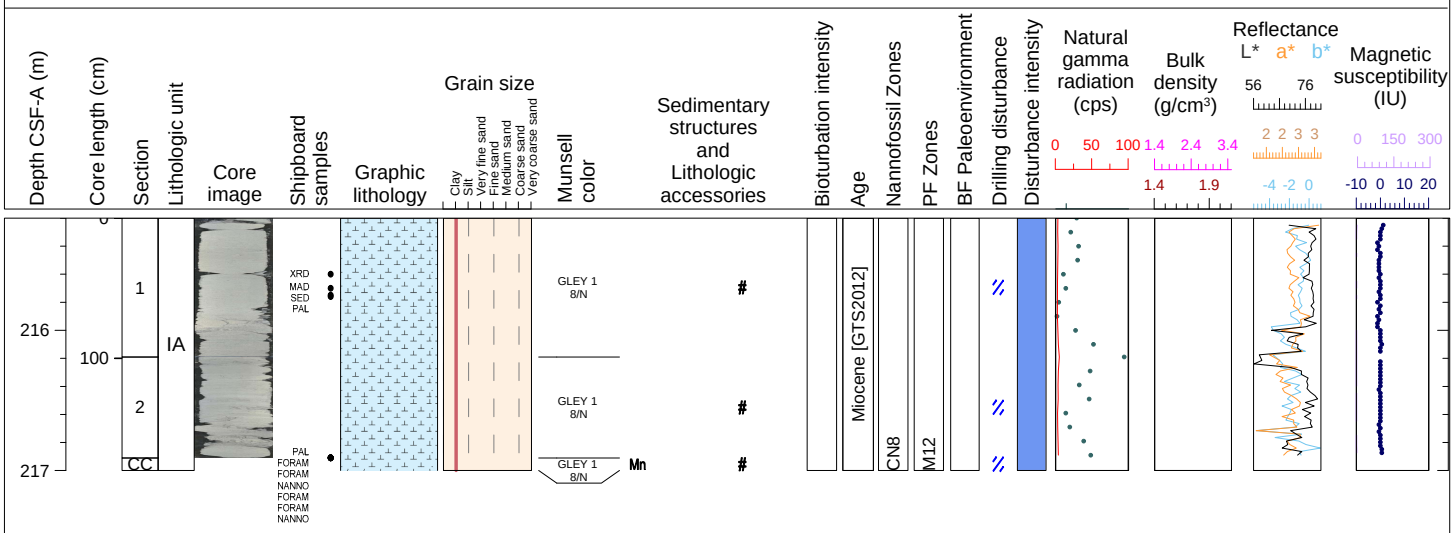
Hole 369-U1516C Core 3R, Interval 205.6-208.12 m (CSF-A)

Core 3R consists of a white (GLEY 1 8/N) massive calacreous ooze with sponge spicules. There are black monosulfides distributed throughout Section 2. Bioturbation is absent. The core severely bowed or unaffected by drilling disturbances.



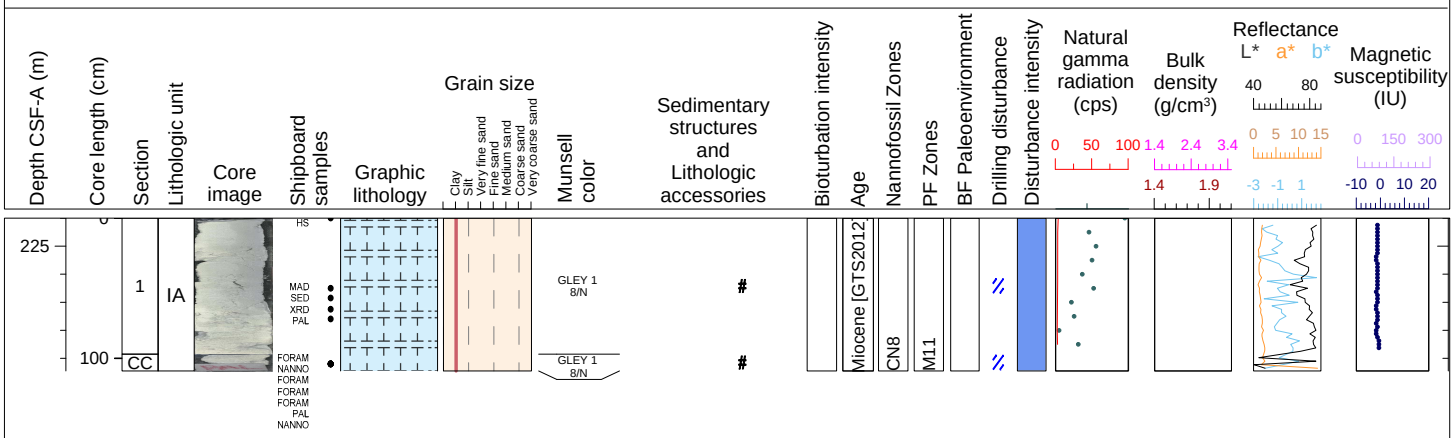
Hole 369-U1516C Core 4R, Interval 215.2-217.0 m (CSF-A)

Core 4R consists of a white (GLEY 1 8/N) massive nannofossil ooze with sponge spicules. Bioturbation is absent. The core has been moderately fractured by drilling disturbance.



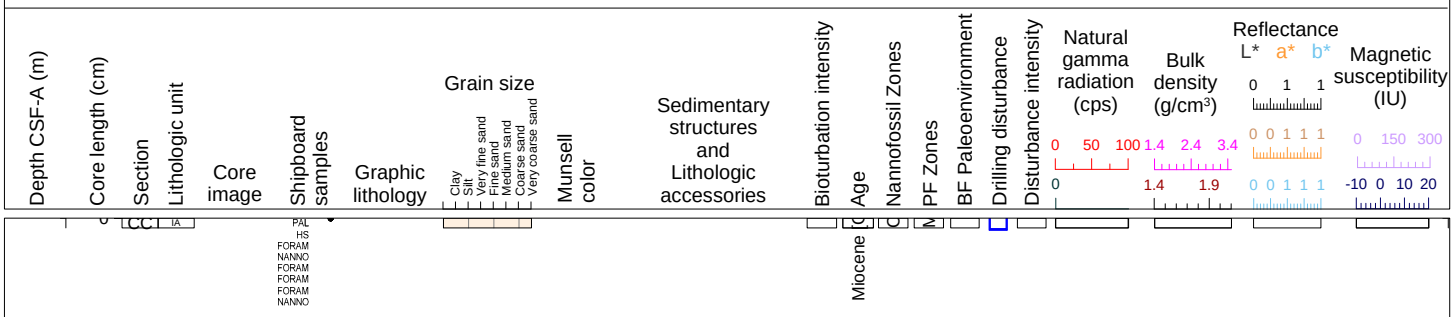
Hole 369-U1516C Core 5R, Interval 224.8-225.89 m (CSF-A)

Core 5R consists of a white (GLEY 1 8/N) massive calacareous ooze with sponge spicules. Bioturbation is absent. The core moderately fractured by drilling disturbance.



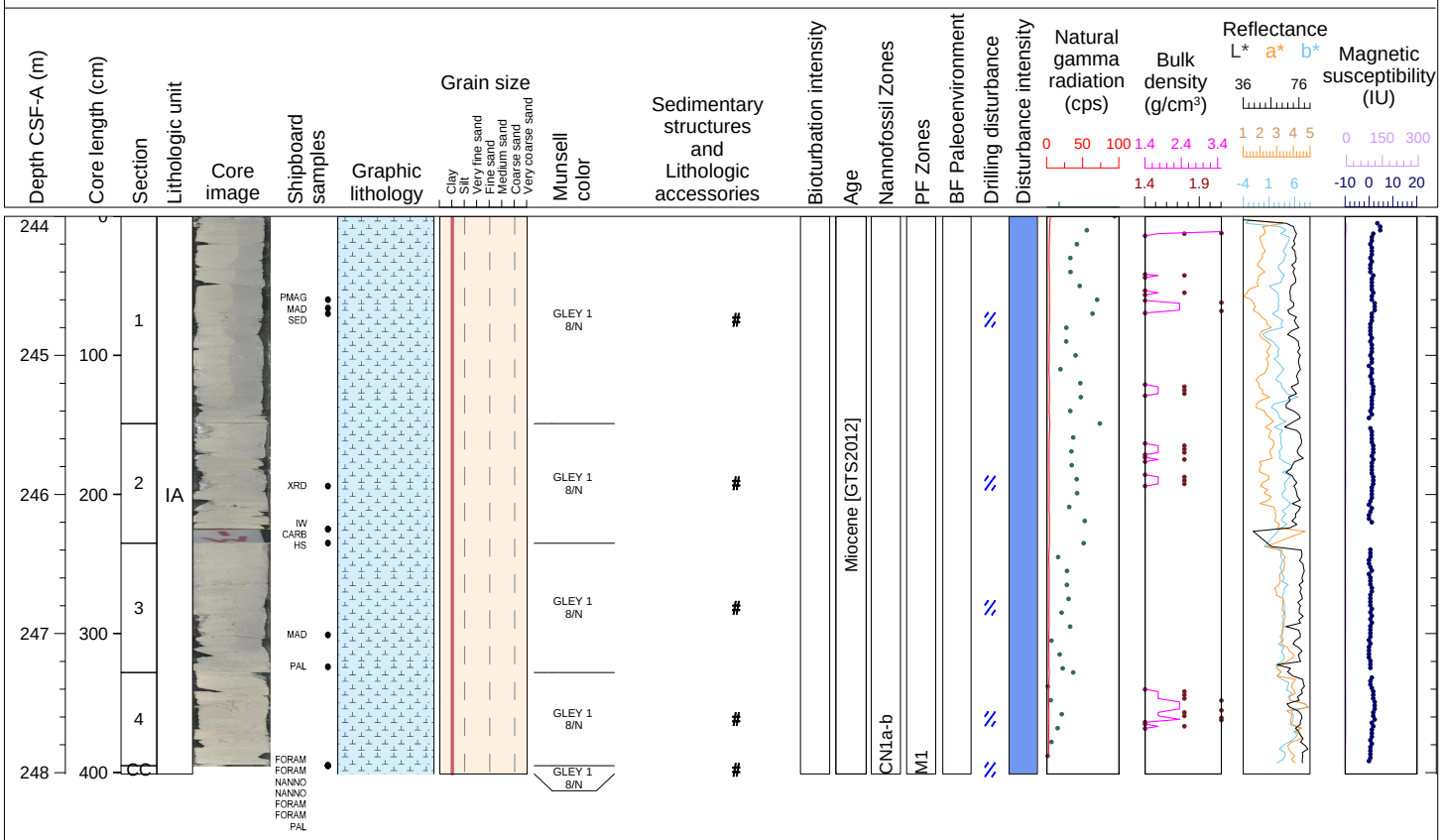
Hole 369-U1516C Core 6R, Interval 234.4-234.47 m (CSF-A)

All to paleo.



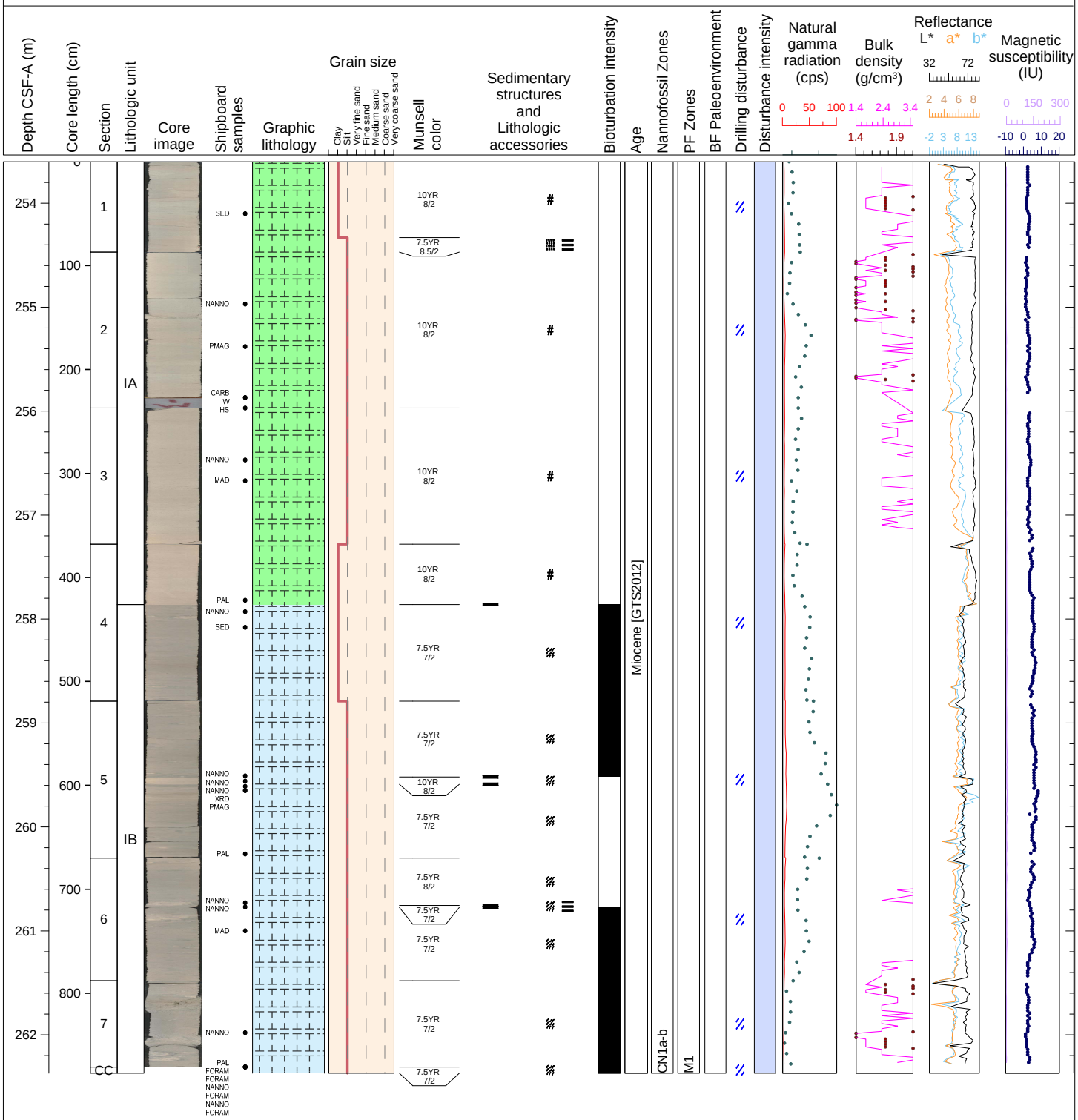
Hole 369-U1516C Core 7R, Interval 244.0-248.01 m (CSF-A)

Core 7R consists of a white (GLEY 1 8/N) massive nannofossil ooze with sponge spicules. Bioturbation is absent. The core moderately fractured by drilling disturbance.



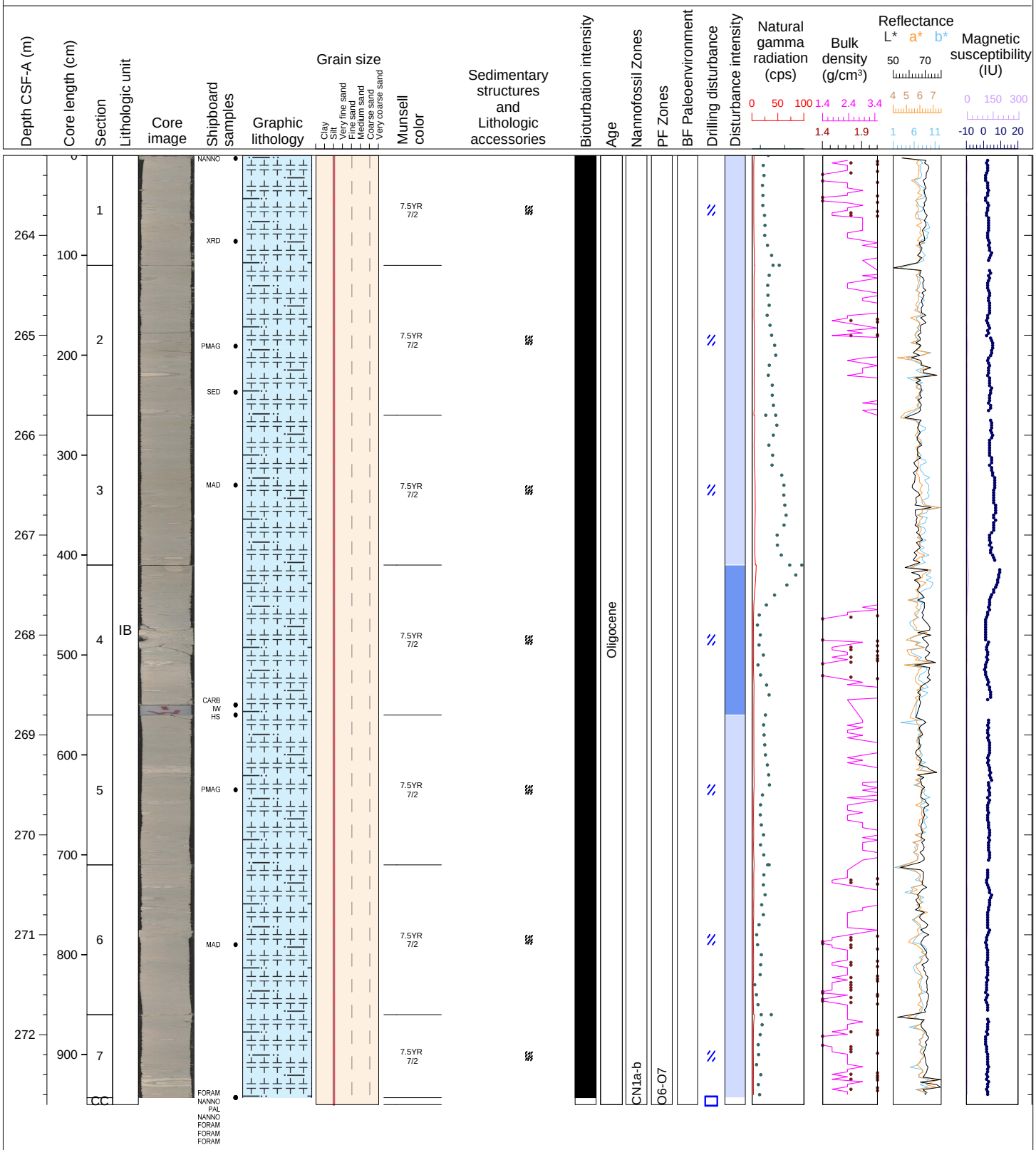
Hole 369-U1516C Core 8R, Interval 253.6-262.37 m (CSF-A)

Core 8R consists of a pinkish white (7.5YR 8/2), and very pale orange (10YR 8/2) sponge spicule-rich nannofossil ooze that is generally massive and structureless. This transitions into a pinkish gray (7.5YR 7/2) chalk at 58 cm in Section 4 that is massive and mottled. Bioturbation is intense in Sections 4, 6 and 7. The core is slightly fractured due to drilling disturbance.



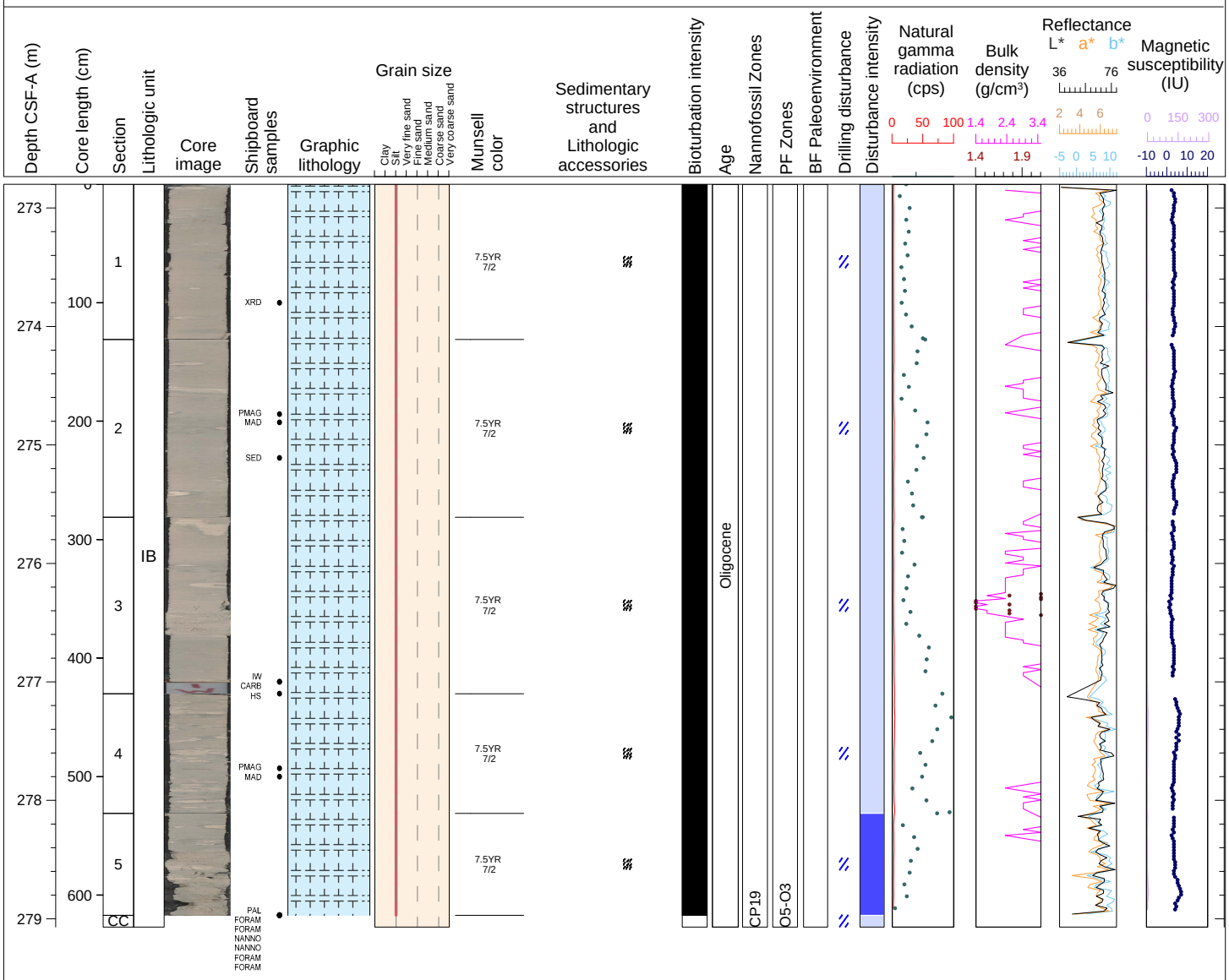
Hole 369-U1516C Core 9R, Interval 263.2-272.7 m (CSF-A)

Core 9R consists of a pinkish white (7.5YR 8/2) and pinkish gray (7.5YR 7/2) massive, sponge spicule rich nannofossil chalk. Bioturbation is intense from Sections 2 to 7, with large Cylindrichnus, Zoophycos and Planolites. The core is slightly to moderately fractured by drilling disturbance.



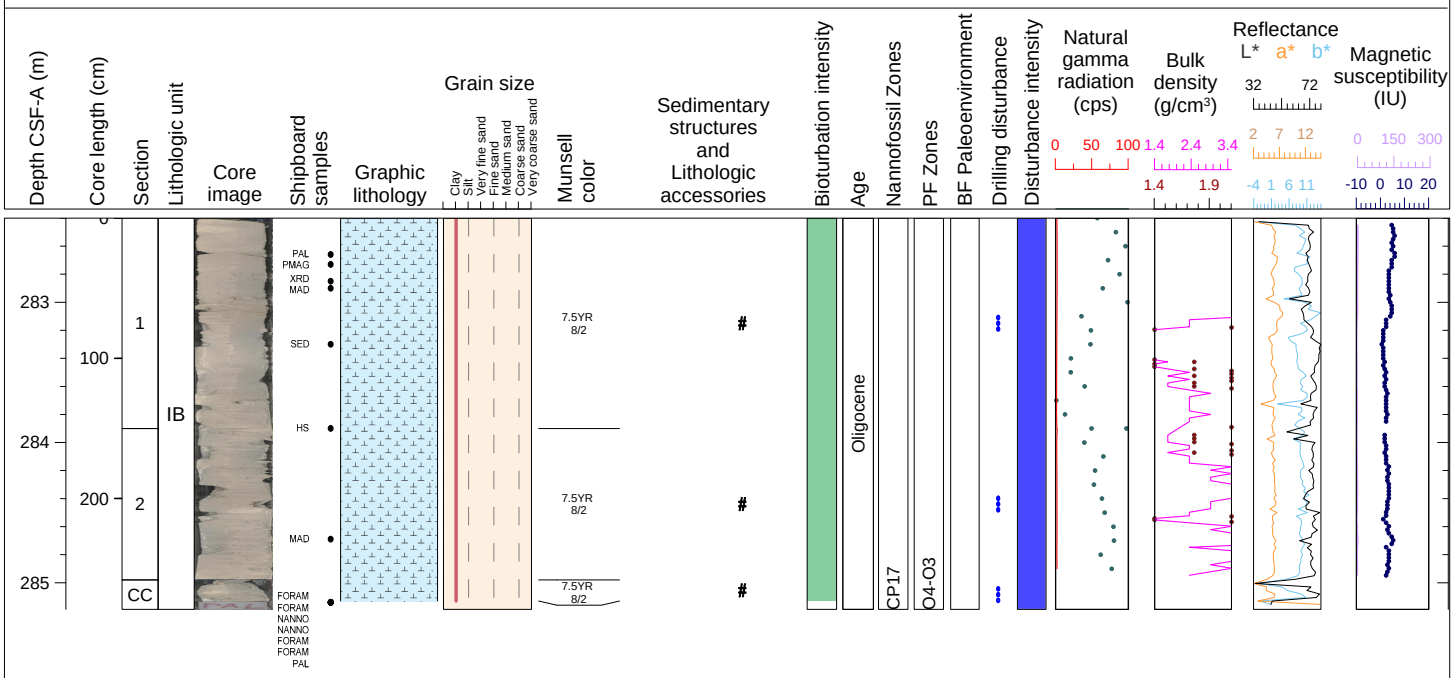
Hole 369-U1516C Core 10R, Interval 272.8-279.07 m (CSF-A)

Core 10R consists of a pinkish gray (7.5YR 7/2) calcareous chalk that is mottled and structureless. Bioturbation is intense throughout the core, with large Cylindrichnus burrows. In general the core is slightly fractured with the exception of Section 4 which is severely fractured and the CC which is a void.



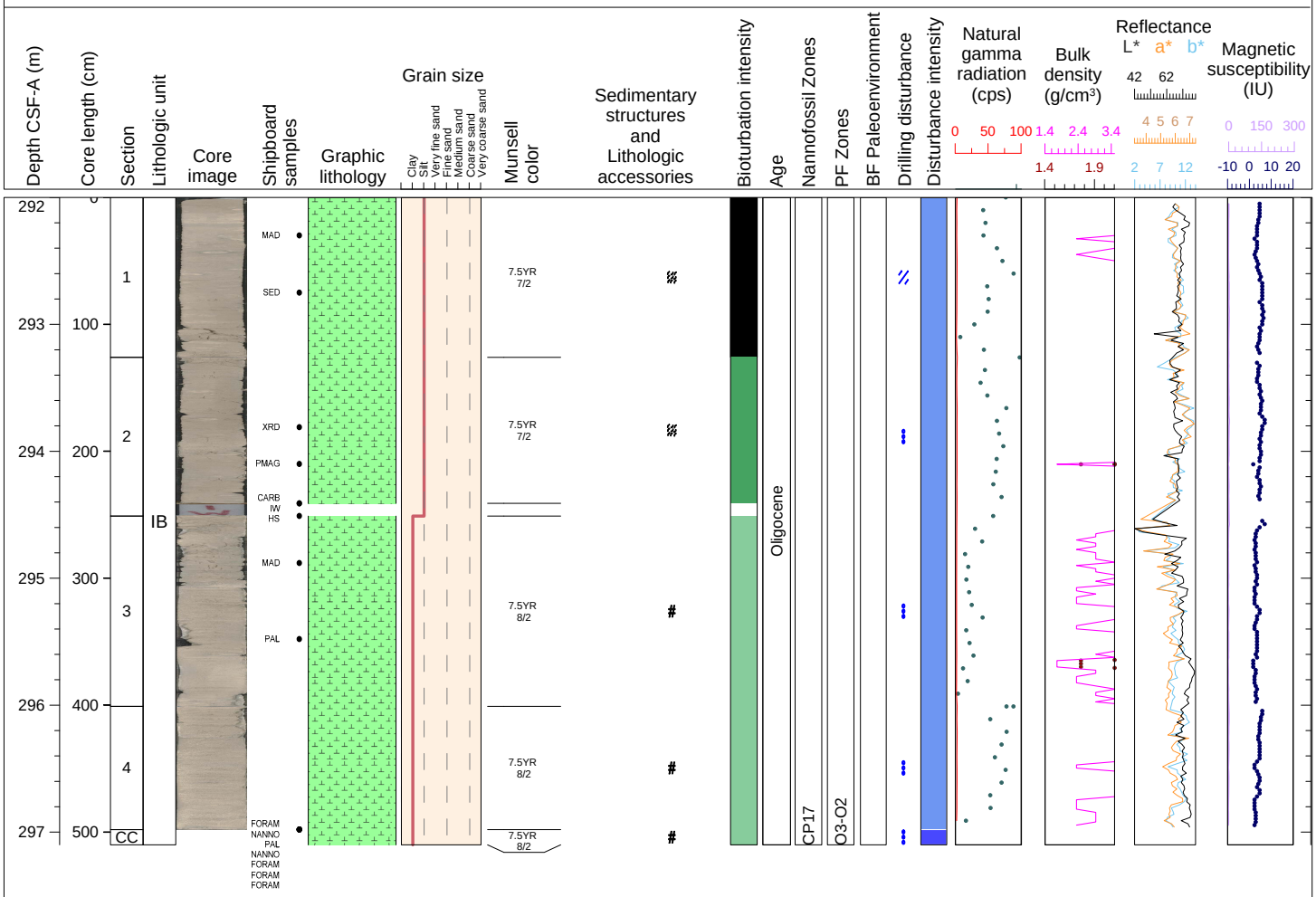
Hole 369-U1516C Core 11R, Interval 282.4-285.19 m (CSF-A)

Core 11R consists of a pinkish white (7.5YR 8/2) nannofossil chalk that is massive and structureless. Bioturbation intensity is low throughout the core.The core is severely soupy due to drilling disturbance.



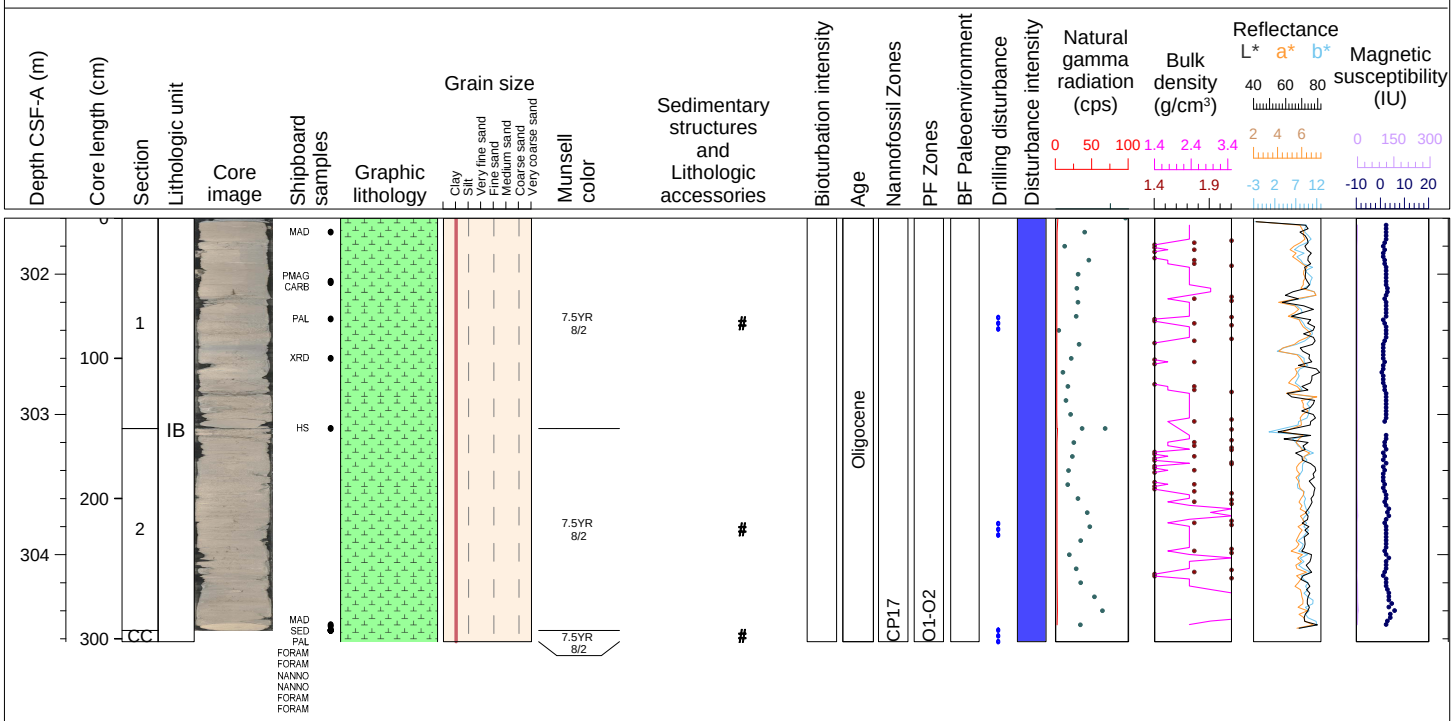
Hole 369-U1516C Core 12R, Interval 292.0-297.1 m (CSF-A)

Core 12R consists of a pinkish white (7.5YR 8/2) and pinkish gray (7.5YR 7/2) spongespicule-rich nannofossil chalk. Sections 1 and 2 are mottled and Sections 3 and 4 are massive and structureless. Bioturbation is intense in Section 1, with large Cylindrichnus burrows and bioturbation is variable from low to moderate in Sections 2-CC. The core is moderately fractured in Section 1 whereas and Sections 3 and 4 are moderately to severely soupy.



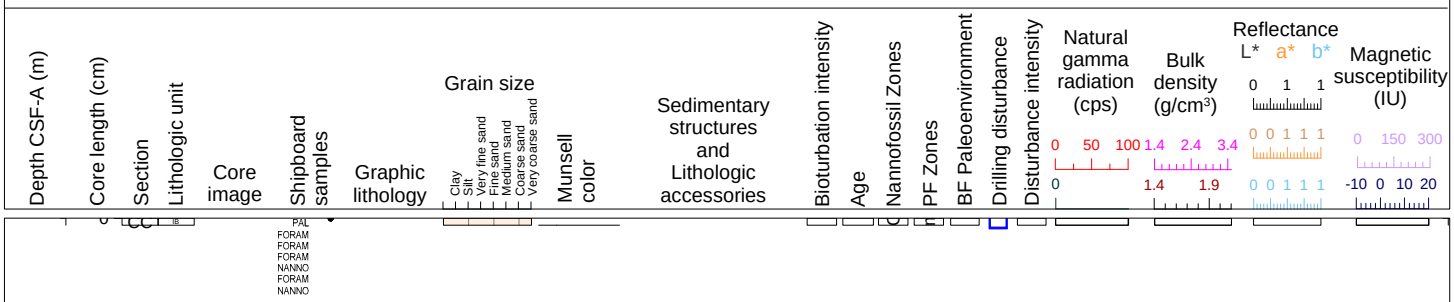
Hole 369-U1516C Core 13R, Interval 301.6-304.62 m (CSF-A)

Core 13R consists of a pinkish white (7.5YR 8/2) sponge spicule-rich nannofossil chalk that is massive and structureless. There is no observed bioturbation in this interval. The core is severely soupy.



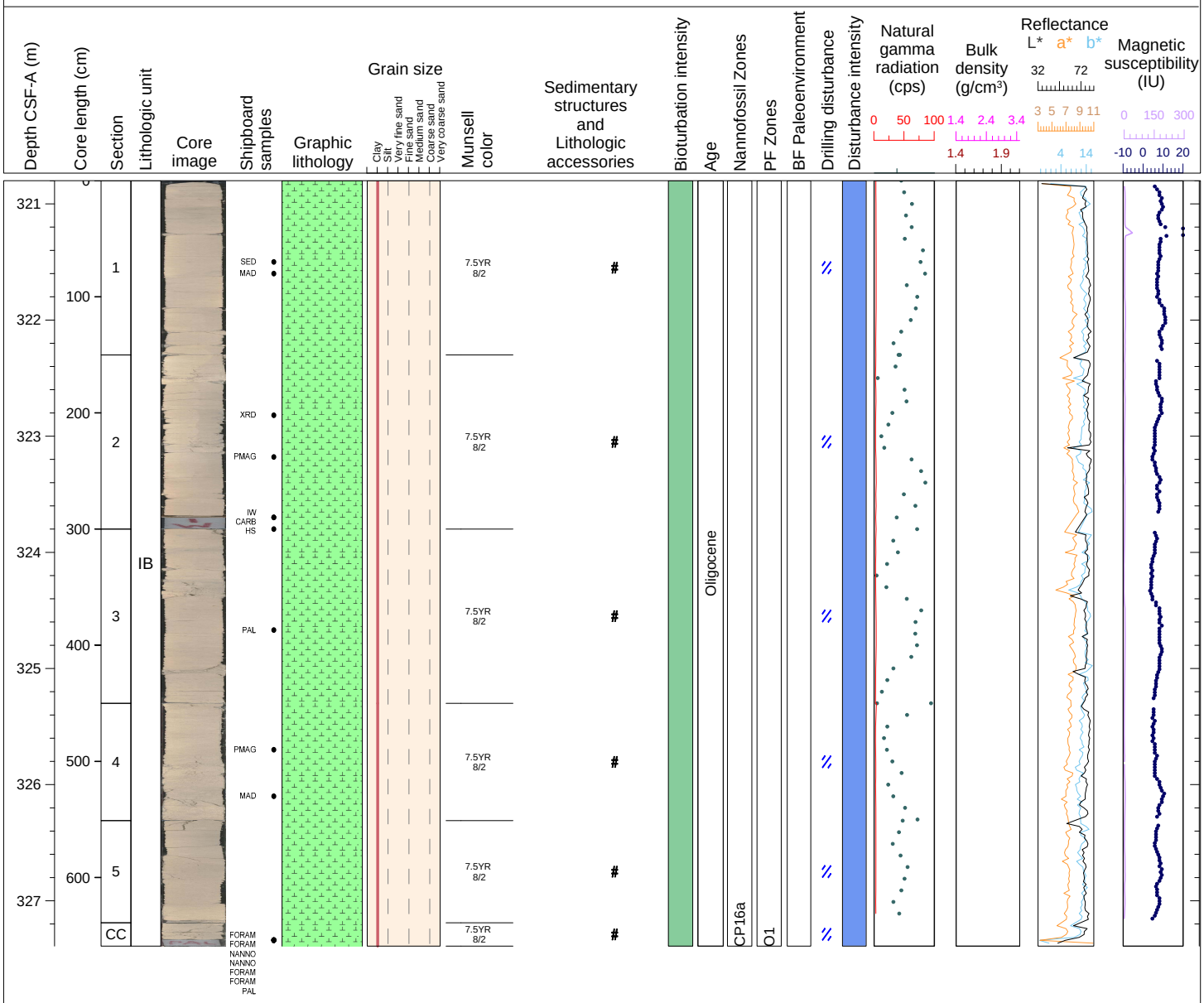
Hole 369-U1516C Core 14R, Interval 311.2-311.25 m (CSF-A)

All to paleo.



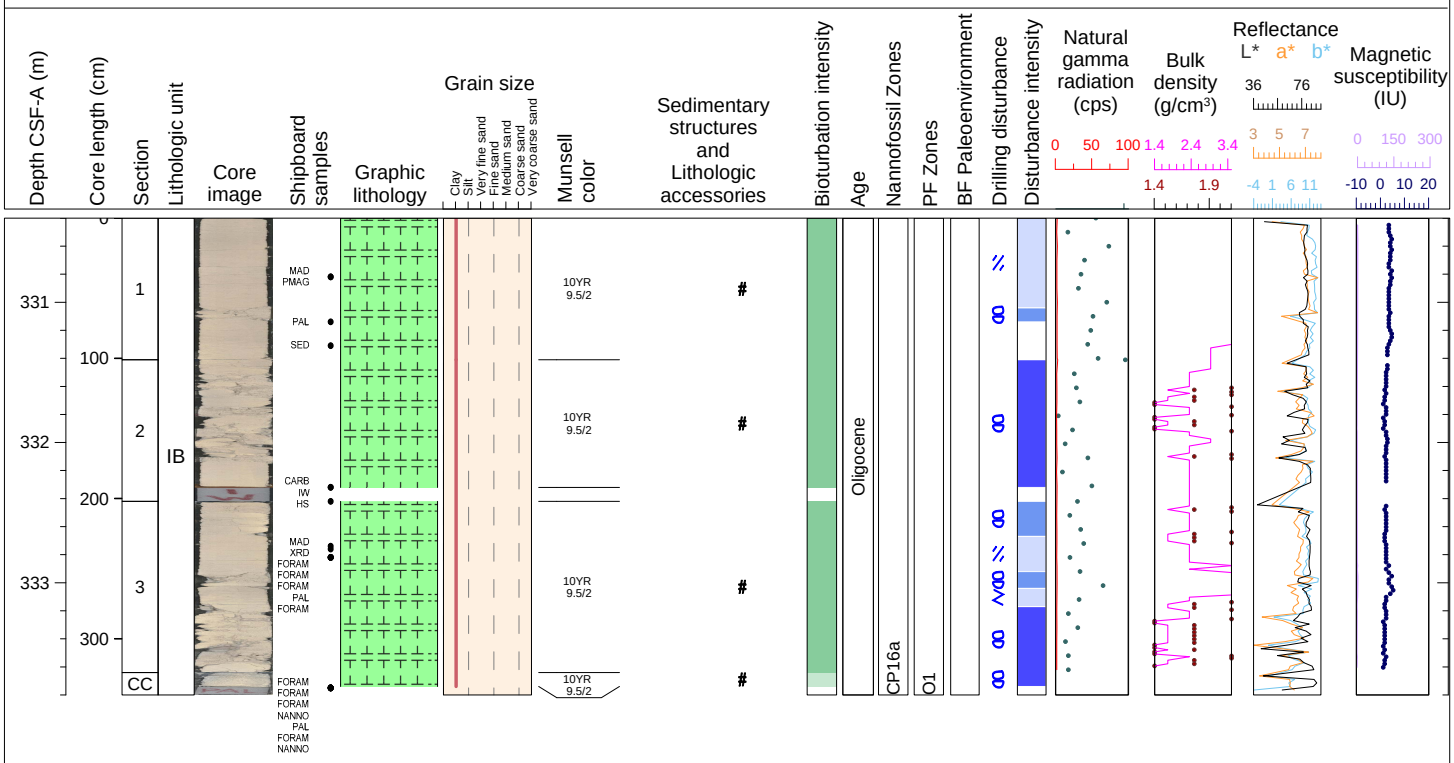
Hole 369-U1516C Core 15R, Interval 320.8-327.39 m (CSF-A)

Core 15R consists of a pinkish white (7.5YR 8/2) massive, sponge spicule-rich nannofossil chalk. Bioturbation intensity is low. The core moderately fractured.



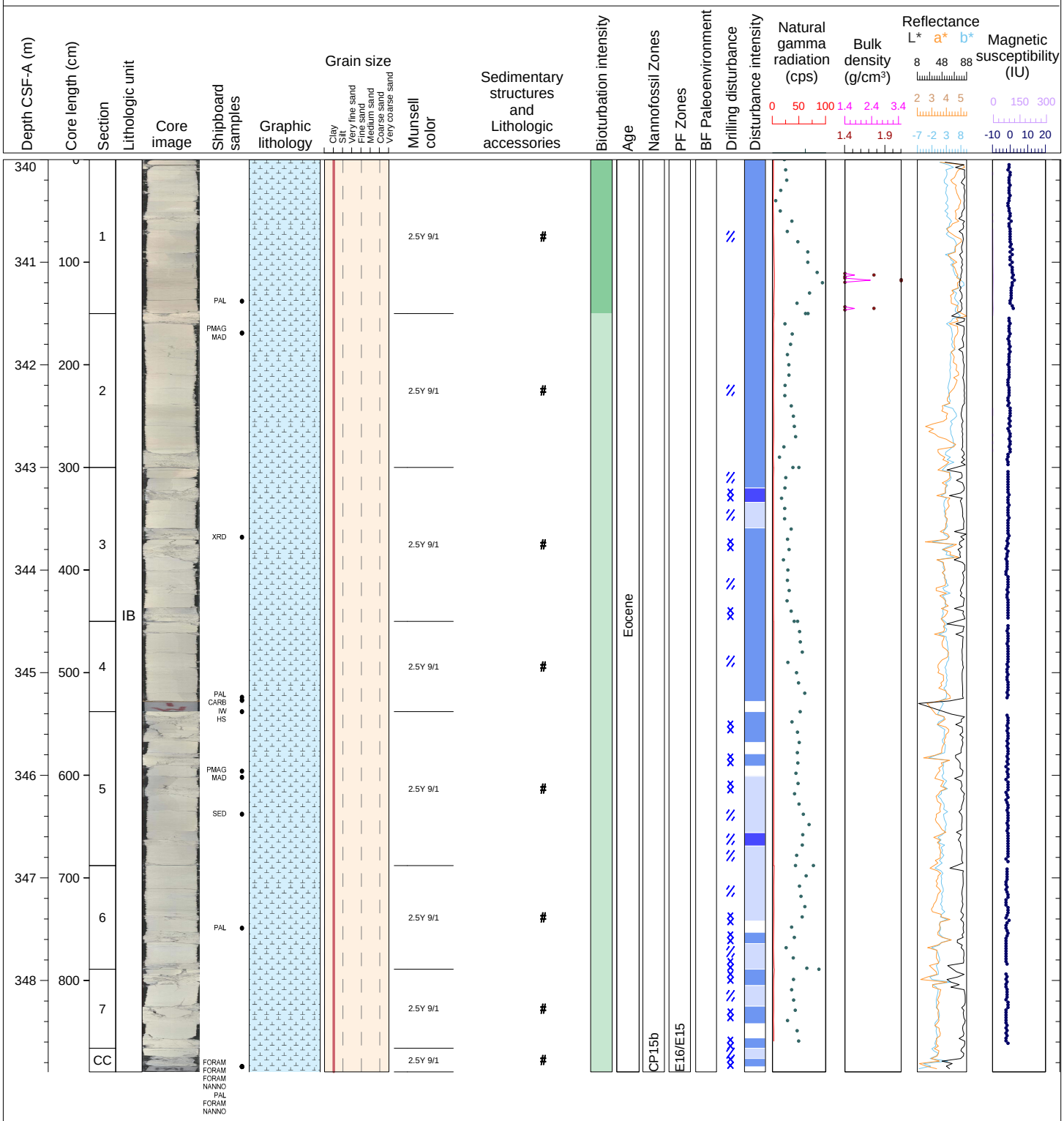
Hole 369-U1516C Core 16R, Interval 330.4-333.8 m (CSF-A)

Core 16R consists of a pale orange yellow (10YR 9.5/2) massive, calcareous chalk with sponge spicules. Bioturbation is sparse to low with Zoophycos burrows being present in Sections 2 and 3. Drilling disturbance is variable in this core and ranges from being moderately fractured to severely biscuited.



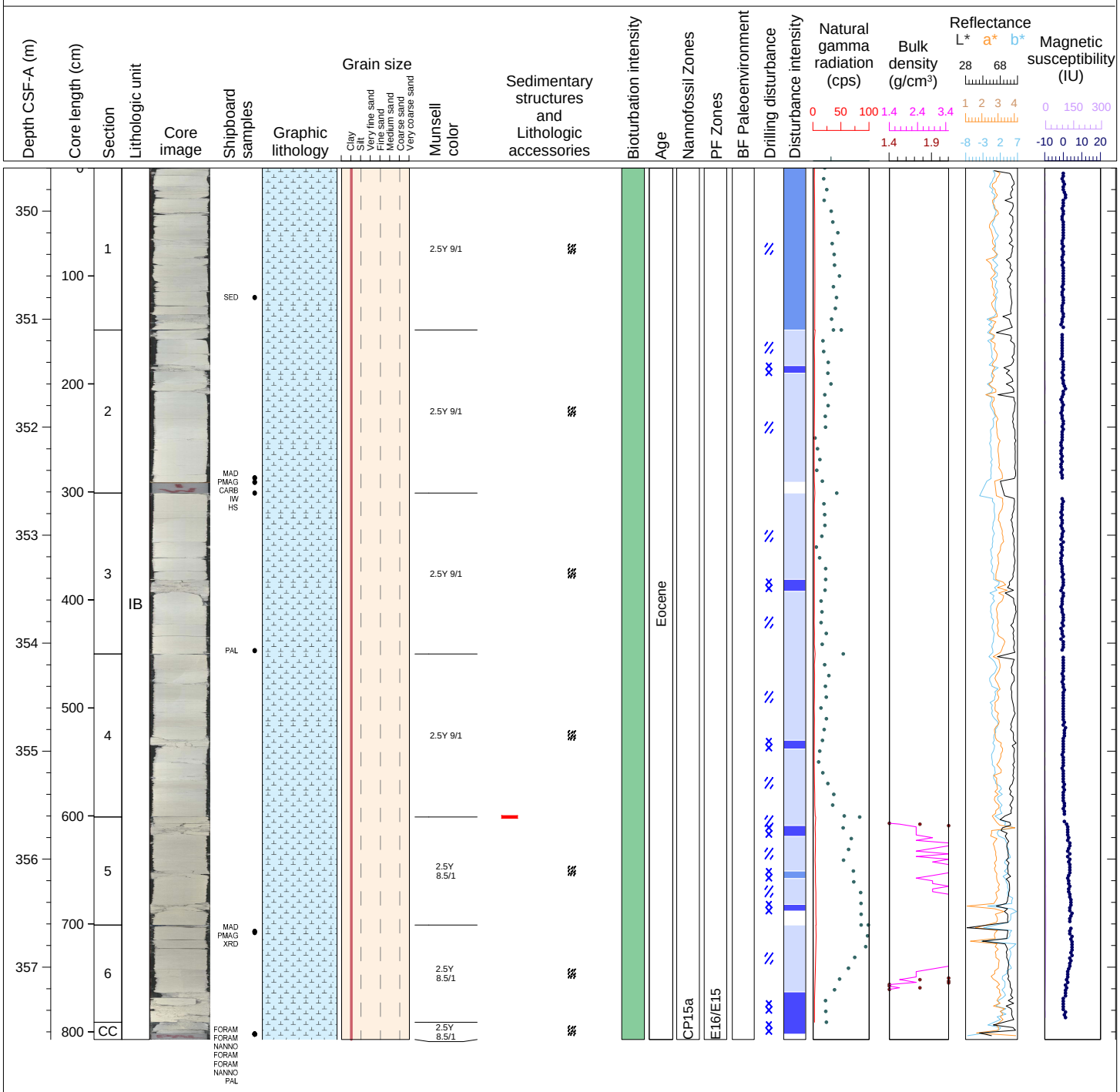
Hole 369-U1516C Core 17R, Interval 340.0-348.89 m (CSF-A)

Core 17R consists of a white (2.5Y 9/1) massive nannofossil chalk with sponge spicules. Bioturbation is sparse to low. There are intervals that are mottled throughout. Drilling disturbace is variable throughout the core and ranges from being moderately brecciated to slightly fractured with intervals that are unaffected by drilling any disturbances.



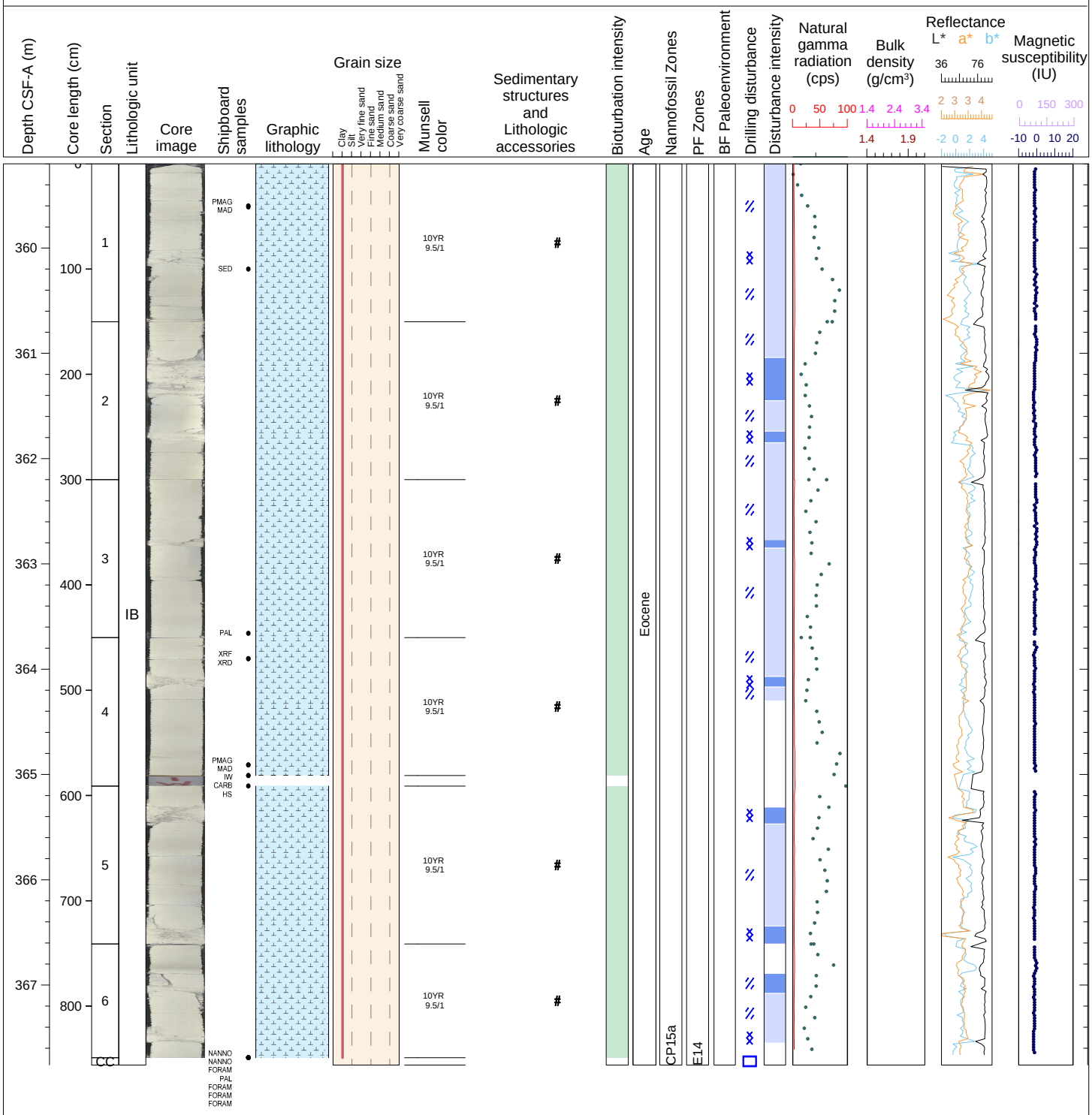
Hole 369-U1516C Core 18R, Interval 349.6-357.67 m (CSF-A)

Core 18R consists of a white (2.5Y 9/1, 2.5Y 8.5/1) nannofossil chalk with sponge spicules and is generally mottled and structureless. Bioturbation intensity is low. Most of the core is either fractured or brecciated by drilling disturbance with intensity of the disturbance ranging from slight to severe and some intervals are unaffected by drilling disturbances.



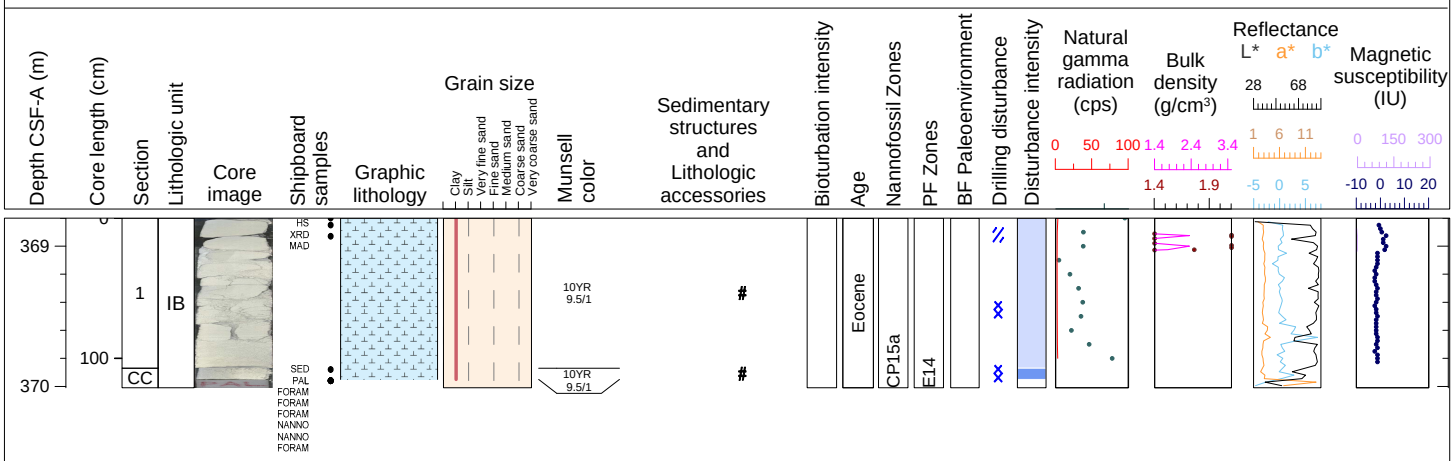
Hole 369-U1516C Core 19R, Interval 359.2-367.76 m (CSF-A)

Core 19R consists of a white (10YR 9.5/1) massive nannofossil chalk. Bioturbation is sparse. There are intervals that are slightly mottled throughout. Drilling disturbance is can be slightly fractured, moderately brecciated or unaffected by drilling disturbances.



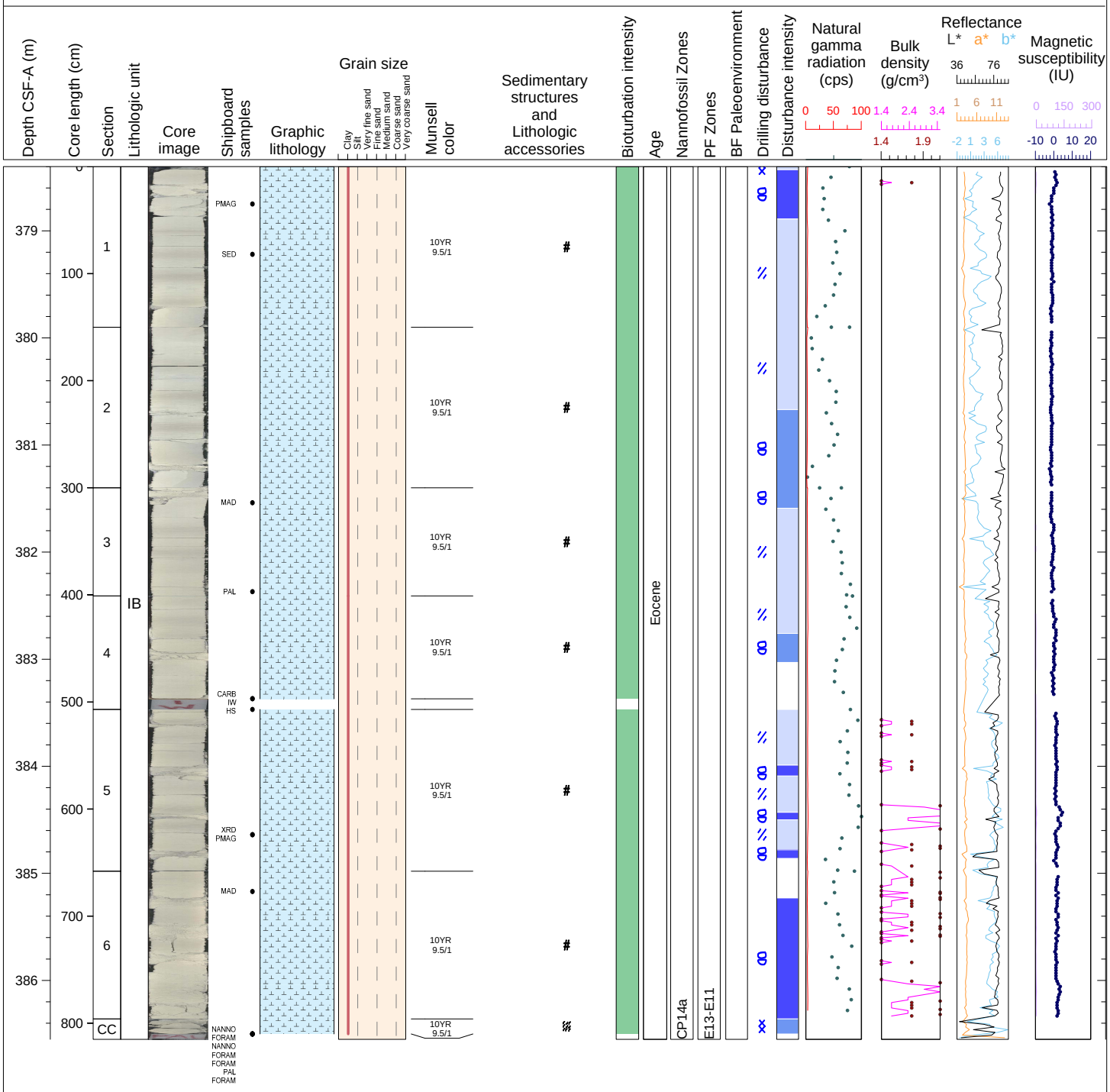
Hole 369-U1516C Core 20R, Interval 368.8-370.01 m (CSF-A)

Core 20R consists of a white (10YR 9.5/1) massive nannofossil chalk. There is no obvious bioturbation. The majority of the core is moderately brecciated with only one interval that is slightly fractured.



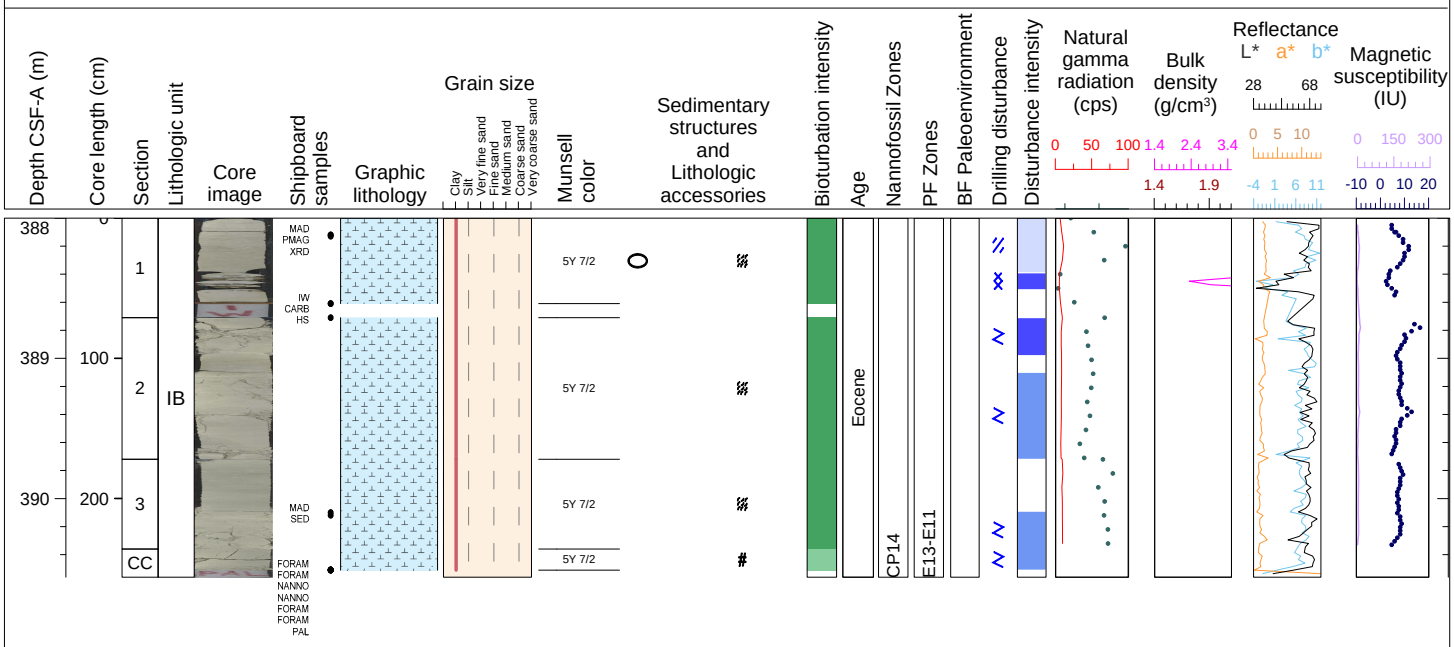
Hole 369-U1516C Core 21R, Interval 378.4-386.55 m (CSF-A)

Core 21R consists of a white (10YR 9.5/1) nannofossil chalk that is structureless and ranges from being massive to mottled throughout the core. Bioturbation intensity is low throughout with Zoophycos burrows present in Sections 2 and 3. The core is slightly fractured, moderately-severely biscuited, moderately brecciated, or unaffected by drilling disturbances.



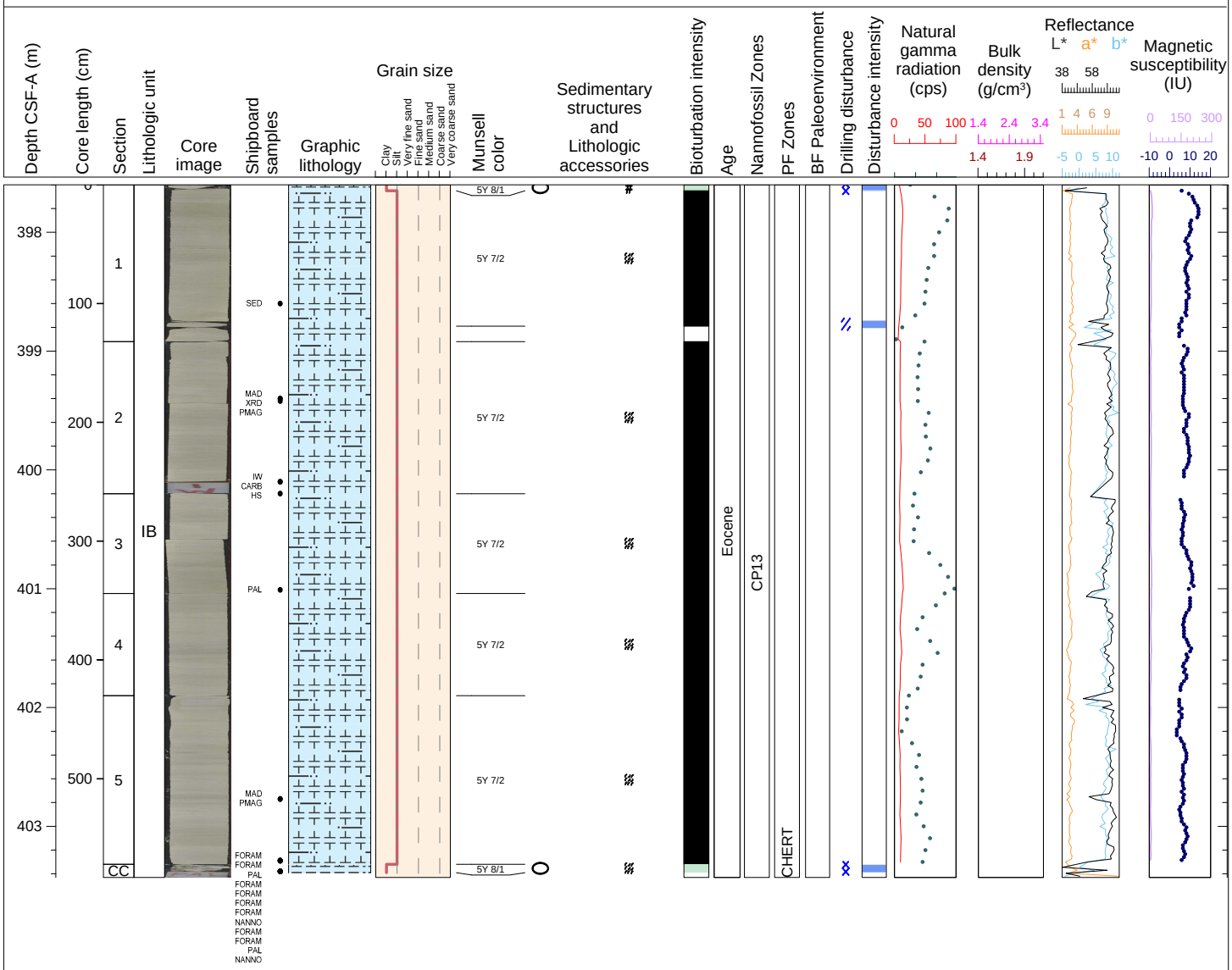
Hole 369-U1516C Core 22R, Interval 388.0-390.56 m (CSF-A)

Core 22R consists of a light gray (5Y 7/2) mottled clayey nannofossil chalk. Chert nodules are present in Section 1 (39-51 cm). Bioturbation intensity is low to moderate throughout with horizontal burrows present in Section 3. The core is slightly to severely fragmented, severely brecciated, slightly fractured, or unaffected by drilling disturbances.



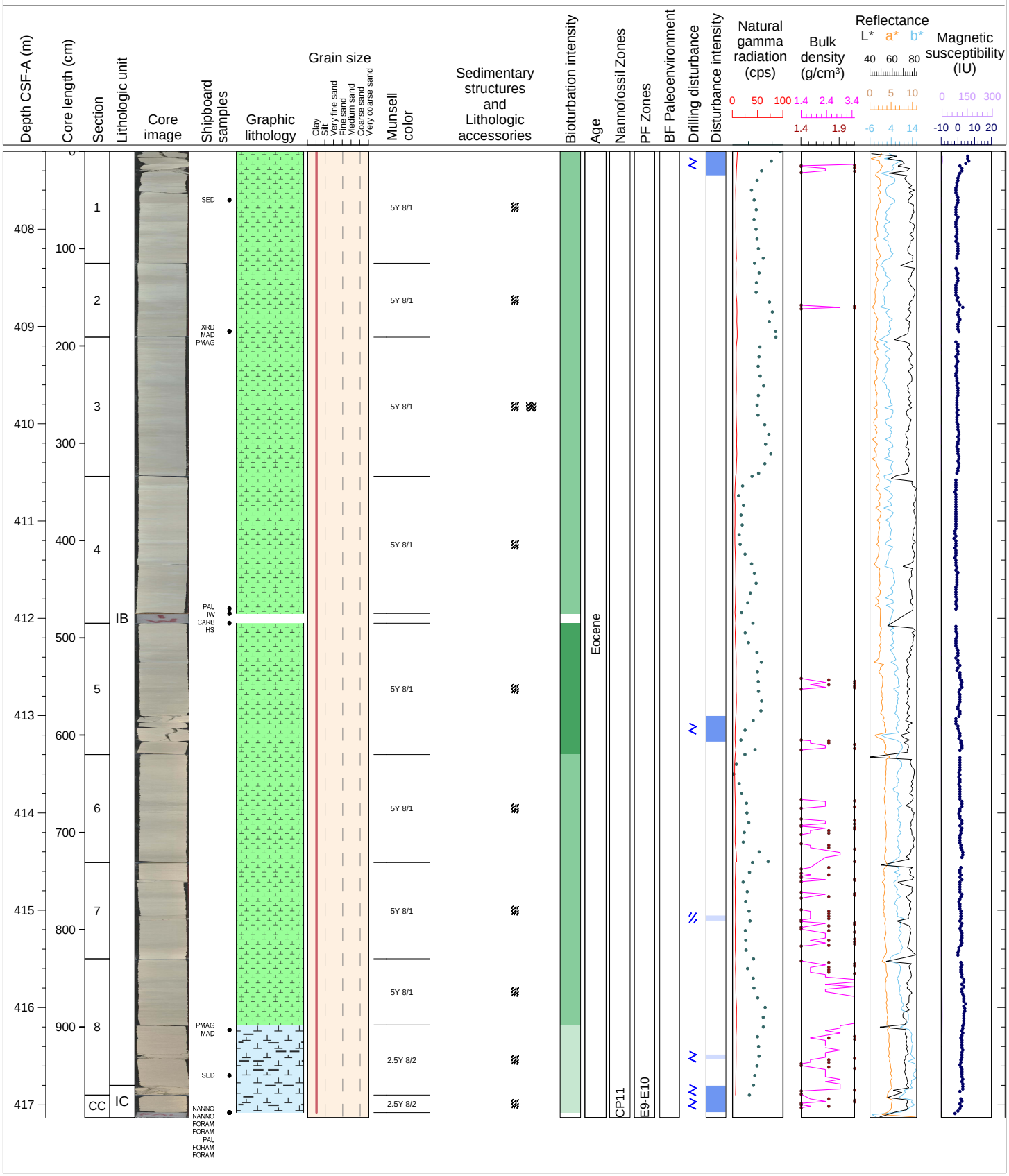
Hole 369-U1516C Core 23R, Interval 397.6-403.43 m (CSF-A)

Core 23R generally consists of a light gray (5Y 7/2) mottled clayey calcareous chalk. Chert nodules are present in Section 1 (0-5 cm) and in the CC (0-7 cm). Bioturbation is sparse to intense throughout with Chondrites burrows being present in Section 5. The core is largely unaffected by drilling disturbances, but some sections are moderately fractured or moderately brecciated where chert nodules are present.



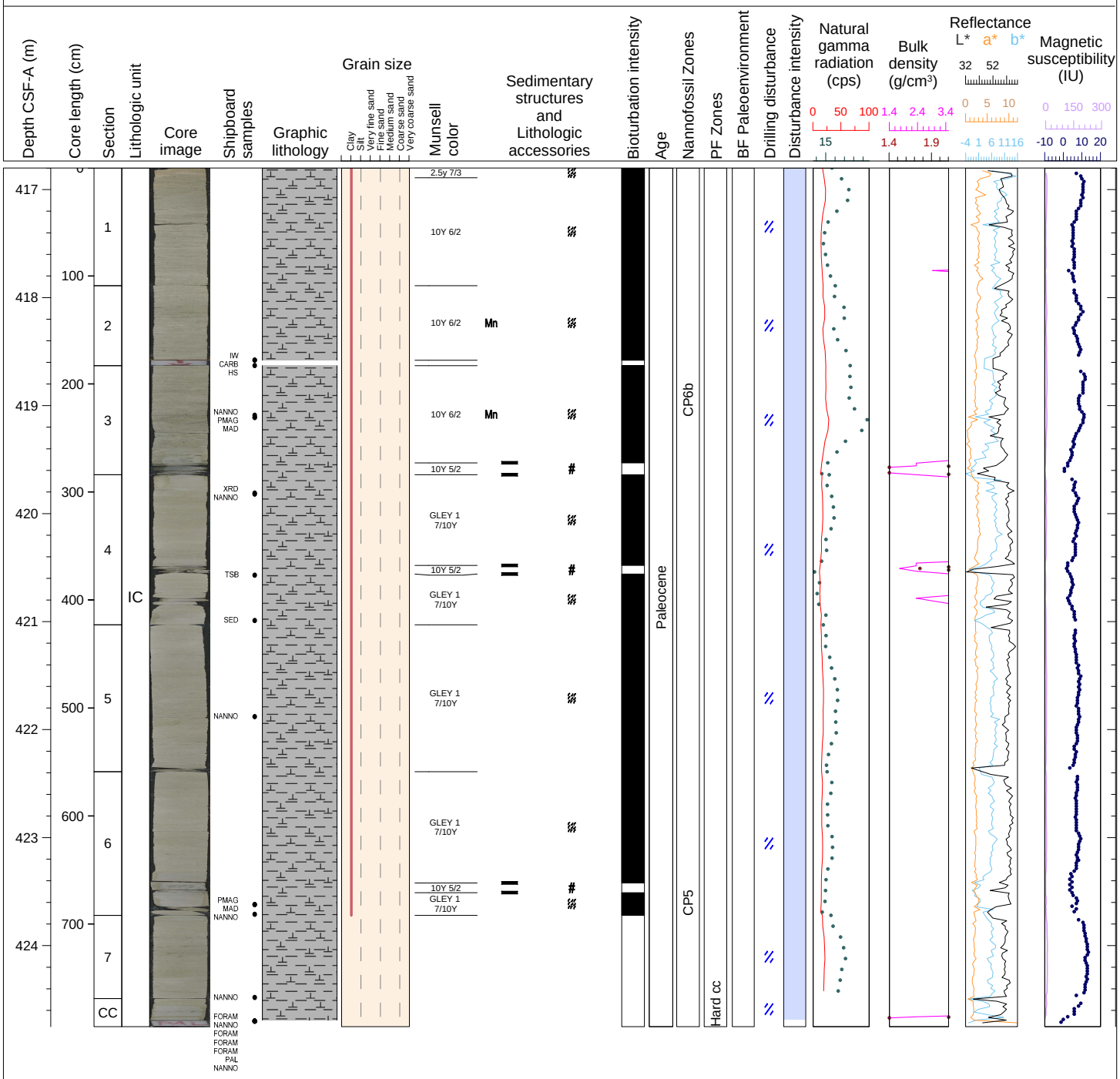
Hole 369-U1516C Core 24R, Interval 407.2-417.13 m (CSF-A)

Core 24R is dominated by a white (5Y 8/1) mottled sponge spicule-rich nannofossil chalk with clay that transitions into a a pale yellow (2.5Y 8/2) mottled clayey nannofossil chalk in Section 8. Wavy strata, microfaults and native copper (?) are present in Section 4. Bioturbation is sparse to moderate throughout the core. Drilling disturbance is absent throughout most of the core but some intervals are slightly to moderately fragmented or slightly fractured.



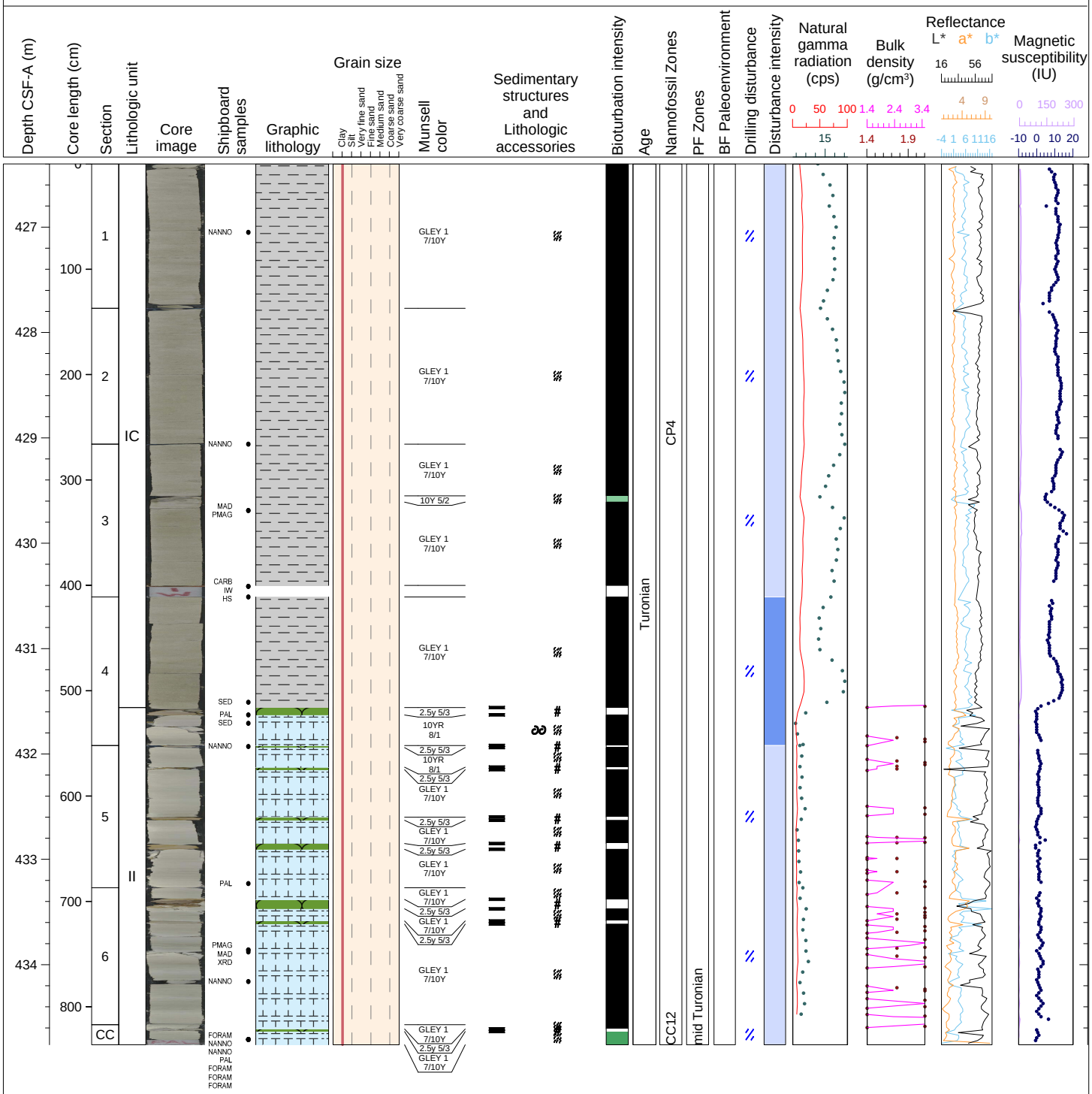
Hole 369-U1516C Core 25R, Interval 416.8-424.75 m (CSF-A)

Core 25R consists of a pale green (10Y 6/2) and light greenish gray (GLEY 1 7/10Y) mottled nannofossil-rich claystone that alternates with a mottled grayish green (10Y 5/2) nannofossil-rich claystone with chert. Bioturbation is intense throughout the core, with Zoophycos, Chondrites and Planolites. The entire core is slightly fractured by drilling disturbance.



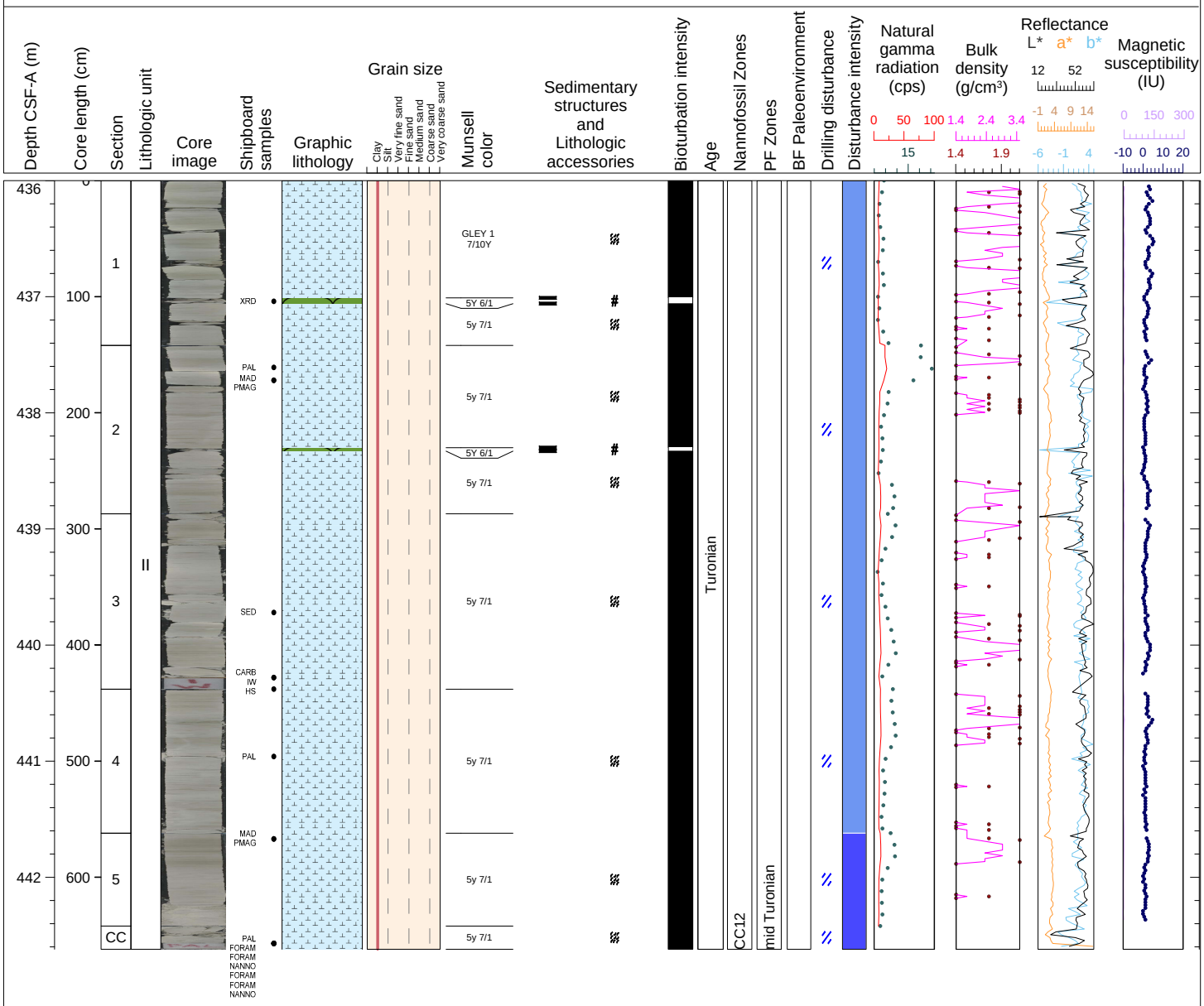
Hole 369-U1516C Core 26R, Interval 426.4-434.76 m (CSF-A)

Core 26R consists of two sets of lithologies, separated by a sharp boundary at the top of Section 4. Sections 1-4 (down to 105 cm) is a light greenish gray (GLEY 1 7/10Y) mottled claystone. In Section 3 (49 cm) is a greenish gray (10Y 5/2) claystone with chert that is mottled and structureless. In Section 4 the lithology changes to a mottled light greenish gray (GLEY 1 7/10Y) calcareous chalk that alternates with massive light olive brown (2.5Y 5/3) chert. Bioturbation is intense within the chalk beds with Zoophycos burrows being observed in the top 3 sections. In Section 4 (122 cm) there is an inoceramid fragment and Section 6 (110-116 cm) there is an elevated abundance of glauconite. Drilling disturbance is slightly to moderately fractured throughout the core.



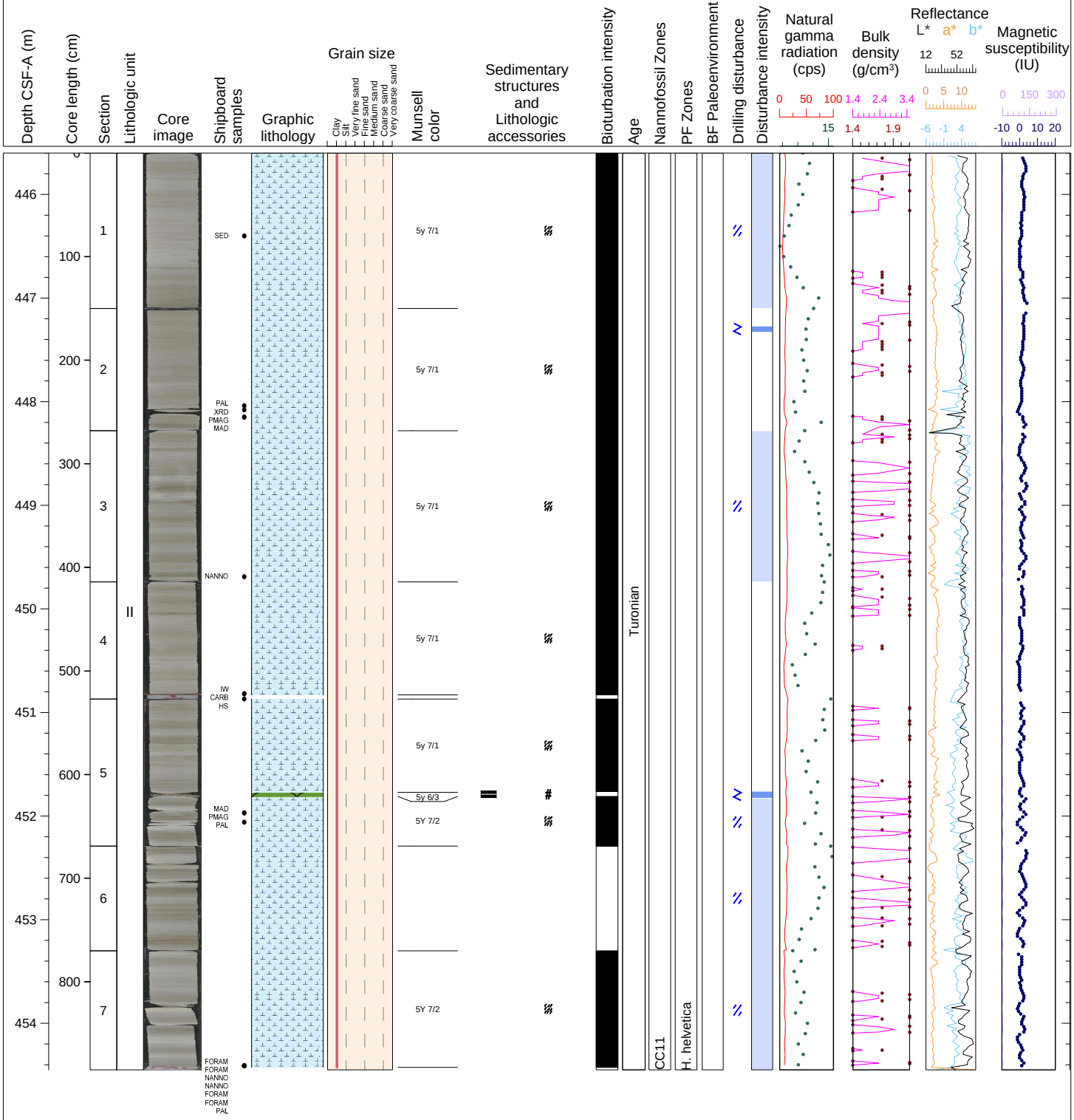
Hole 369-U1516C Core 27R, Interval 436.0-442.62 m (CSF-A)

Core 27R consists of a mottled light gray (5Y 7/1) nannofossil chalk with clay. In Sections 1 (101-106 cm) and 2 (88-91 cm) there are gray (5Y 6/1) beds of chert. Bioturbation is intense in the chalk beds, with Zoophycos, Planolites and Chondrites. The core moderately to severely fractured by drilling disturbance.



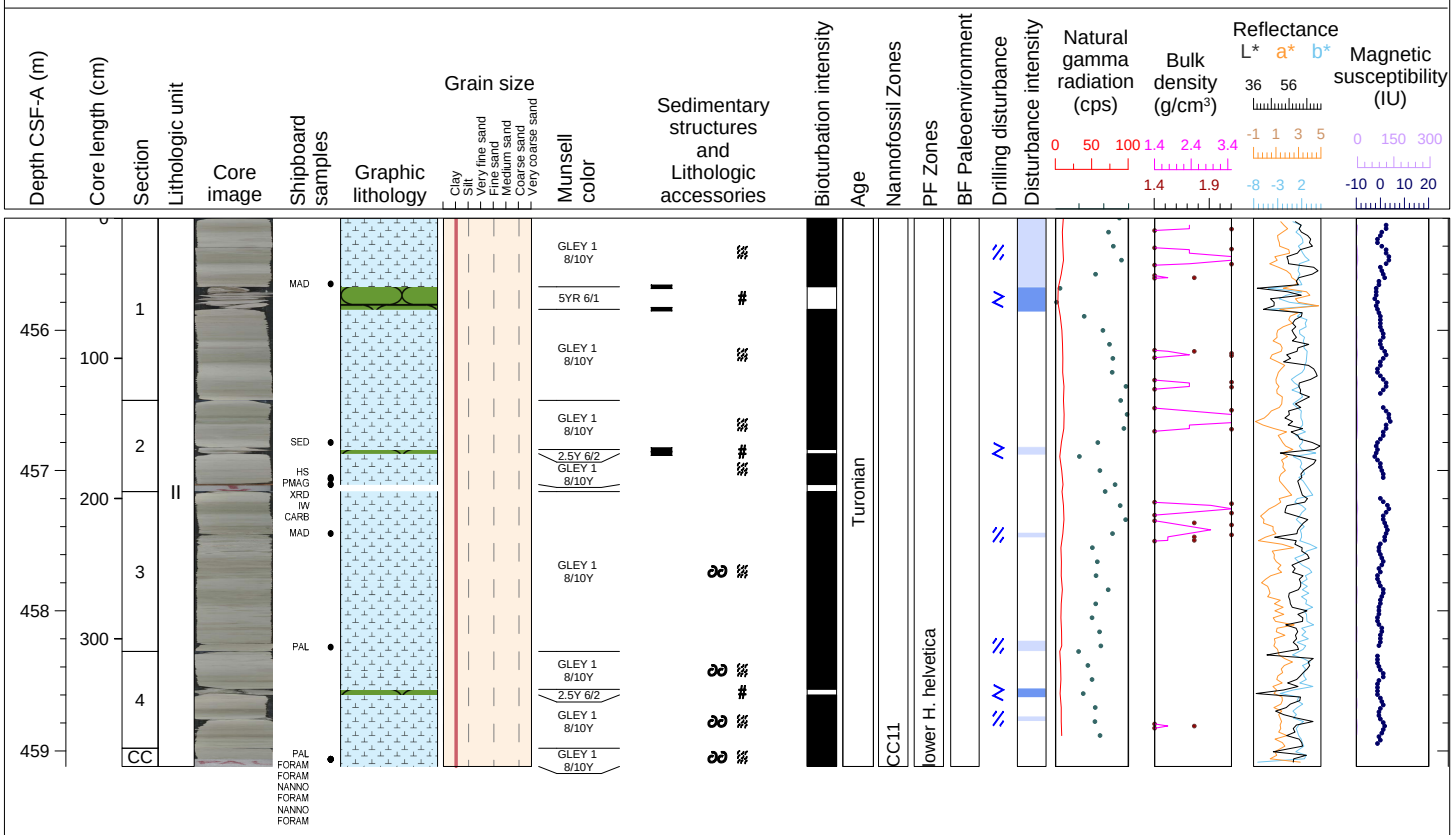
Hole 369-U1516C Core 28R, Interval 445.6-454.45 m (CSF-A)

Core 28R consists of light gray (5Y 7/1) nannofossil chalk with clay that is mottled and structureless. A pale olive (5Y 6/3) chert layer is present in Section 5 (90-94 cm). Bioturbation is absent within the chert and intense within the chalk beds. Zoophycos, Planolites, Chondrites, and large vertical burrows are present in Section 5. Drilling disturbance ranges from being completely absent to being slightly fractured to being moderately fragmented.



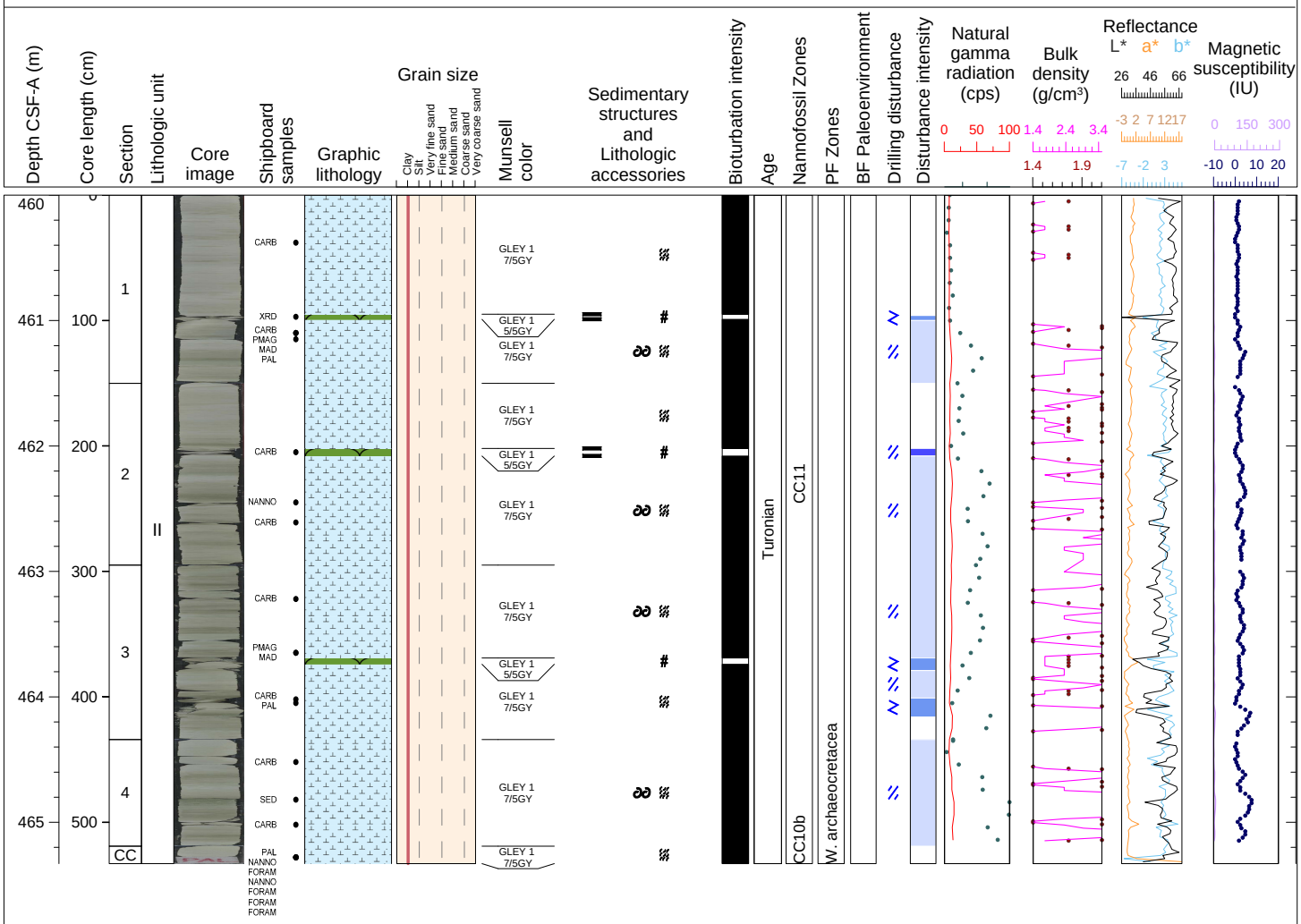
Hole 369-U1516C Core 29R, Interval 455.2-459.11 m (CSF-A)

Core 29R is dominated by light greenish gray (GLEY 1 8/10Y) mottled nannofossil chalk with clay that alternates in color with intervals that are to a slightly darker greenish gray (GLEY 1 7/10Y). The light/dark intervals generally persist for ~15 cm. There are interbedded 3-5 cm chert layers that are light brownish gray (5YR 6/1, 2.5Y 6/2). Shell fragments (including inoceramids) are present in rare abundance in Sections 3-CC. Bioturbation intensity is high throughout the chalk intervals. Drilling disturbance in this core rages from being completely absent to being slightly fractured and moderately fragmented.



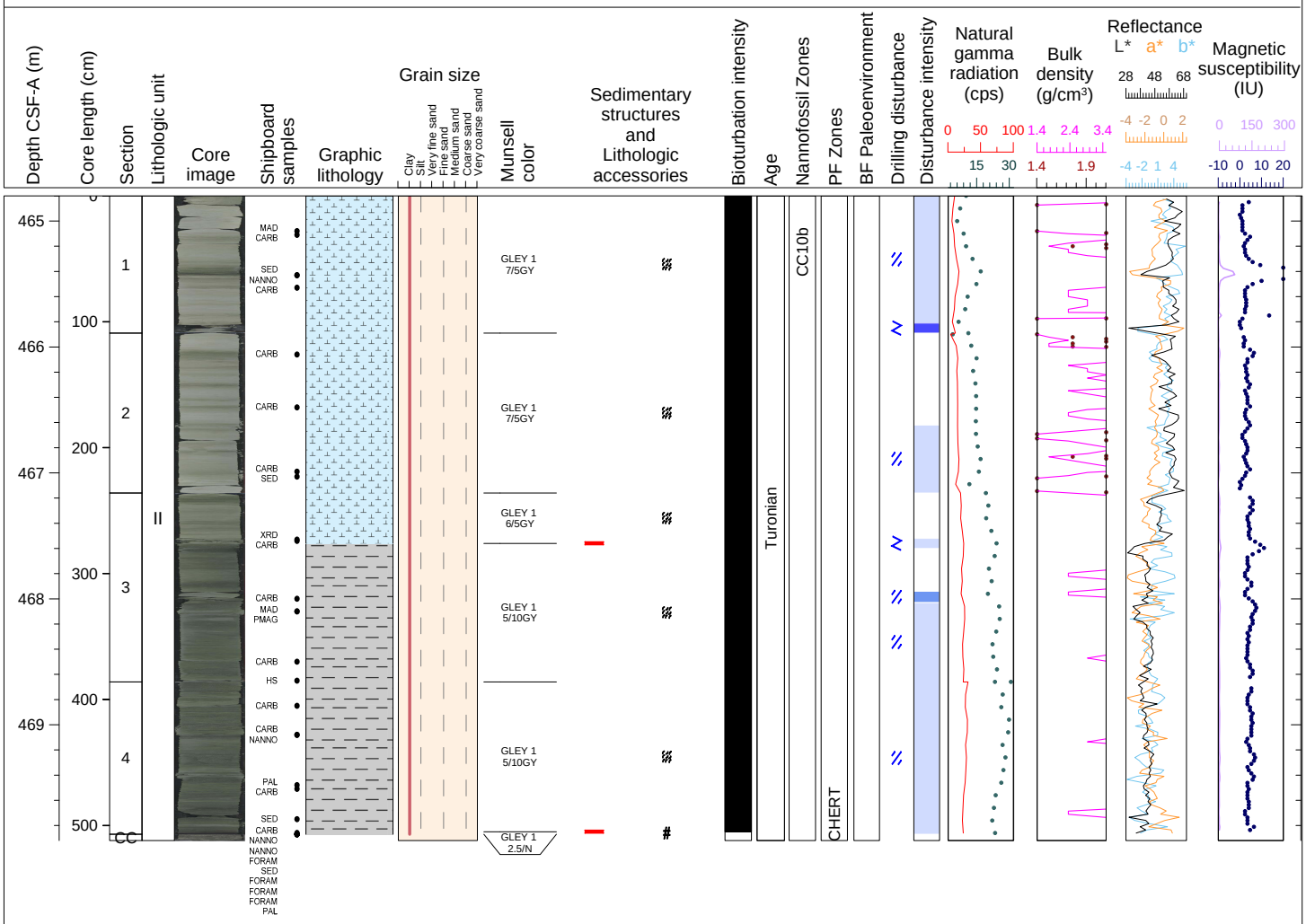
Hole 369-U1516C Core 30R, Interval 460.0-465.33 m (CSF-A)

Core 30R is dominated by light greenish gray (GLEY 1 7/5GY) mottled nannofossil chalk with clay that alternates in color to slightly darker greenish gray (GLEY 1 7/10Y) that generally persists for ~15 cm. There are interbedded 3-5 cm chert layers that are greenish gray (GLEY 1 5/5GY) in color. Shell fragments (including inoceramids) are present in trace abundance in Sections 1-4. Bioturbation intensity if high throughout the chalk intervals. Drilling disturbance in this core rages from being completely absent to being slightly-severely fractured and moderately fragmented.



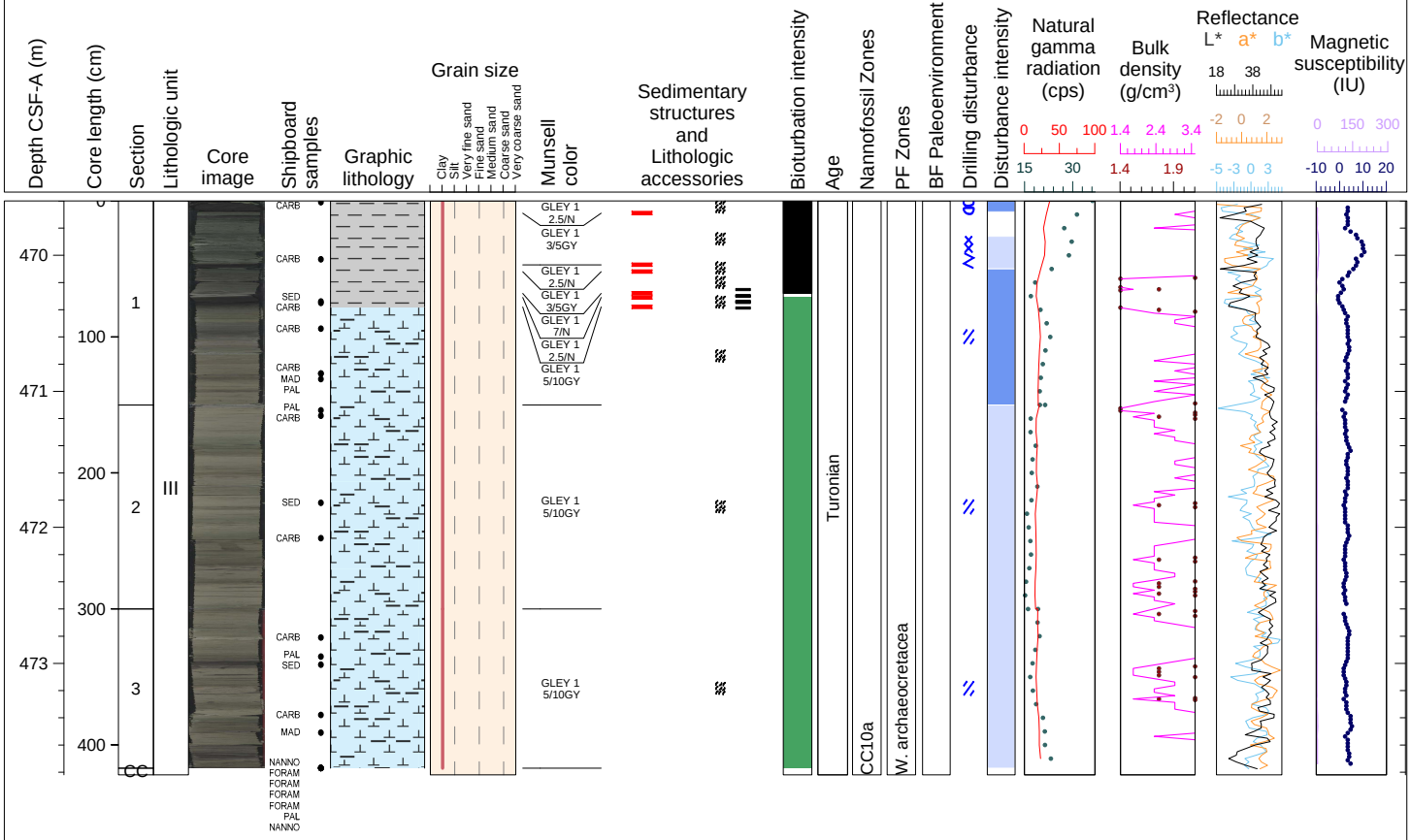
Hole 369-U1516C Core 31R, Interval 464.8-469.92 m (CSF-A)

Core 31R, Sections 1 and 2 consist of light greenish gray (GLEY 1 7/5GY) mottled nannofossil chalk with clay that alternates in color to slightly darker greenish gray (GLEY 1 7/10Y). The darker intervals generally persist for ~15 cm. In Section 3, there is a color change to greenish gray (GLEY 1 6/5GY, GLEY 1 5/10GY), with slightly darker grayish green (GLEY 1 4/5G_/1) intervals occurring throughout (~10 cm in thickness). The core is highly bioturbated with the exception of the black claystone layer at the bottom of Section 4, which is likely part of OAE2. Drilling disturbance ranges from being completely absent to slightly-moderately fractured slightly to severely fragmented, and moderately biscuited.



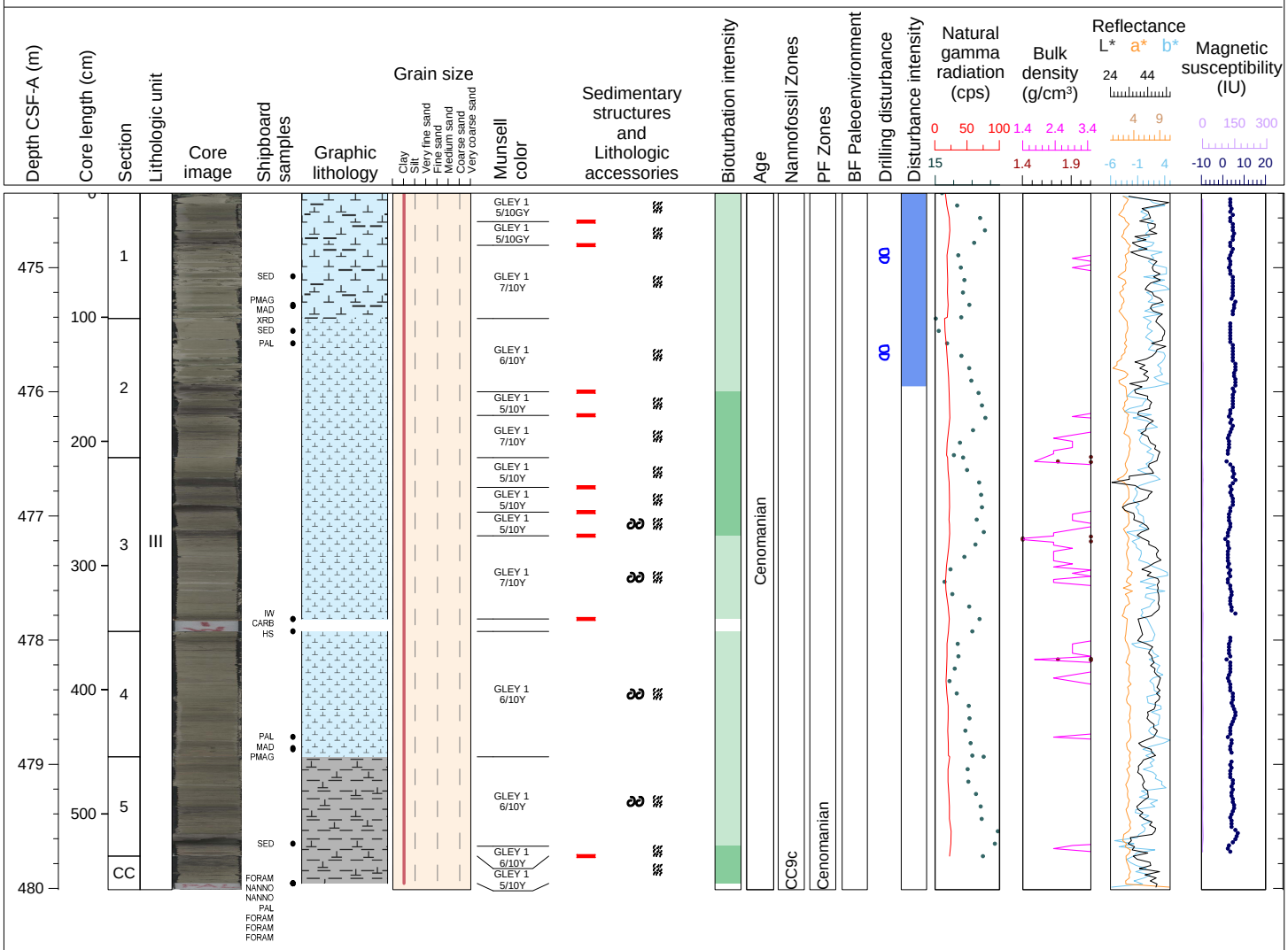
Hole 369-U1516C Core 32R, Interval 469.6-473.82 m (CSF-A)

Core 32R is dominated by very dark greenish gray to greenish gray (GLEY 1 3/5GY to GLEY1 5/10GY) mottled claystone with nannofossils. Three intervals of black claystone (GLEY 1 2.5/N) with parallel laminations are observed in Section 1. Bioturbation is moderate to high. Drilling disturbance ranges from being completely absent to slightly-moderately fractured, slightly fragmented and brecciated and moderately biscuited.



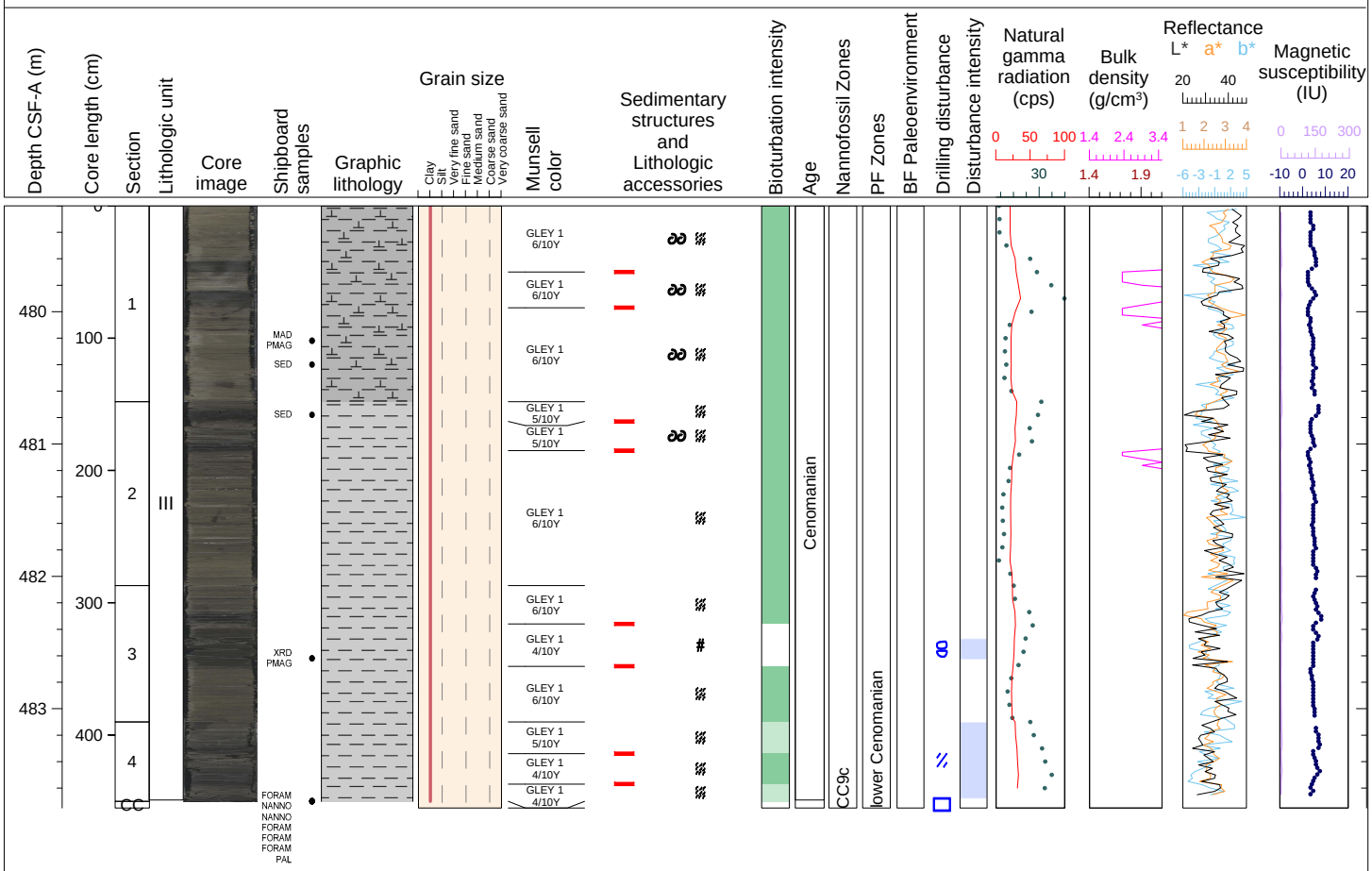
Hole 369-U1516C Core 33R, Interval 474.4-480.01 m (CSF-A)

Core 33R is dominated by a light greenish gray to (GLEY 1 7/10Y) clayey nannofossil chalk and greenish gray (GLEY 1 5/10Y) to light greenish gray (GLEY 1 7/10Y) nannofossil chalk with clay. The core is mottled and structureless throughout. Gradational color changes are occur throughout the core alternating from very dark gray-dark greenish gray (GLEY 1 3N to 4/10Y) to greenish gray (GLEY 1 5/10GY to GLEY 1 6/10Y) to light greenish gray (GLEY 1 7/10Y). Bioturbation is sparse to low. Shell fragments are observed in rare to common abundances in Sections 3, 4 and 5. Drilling disturbance ranges from being completely absent to moderately biscuited.



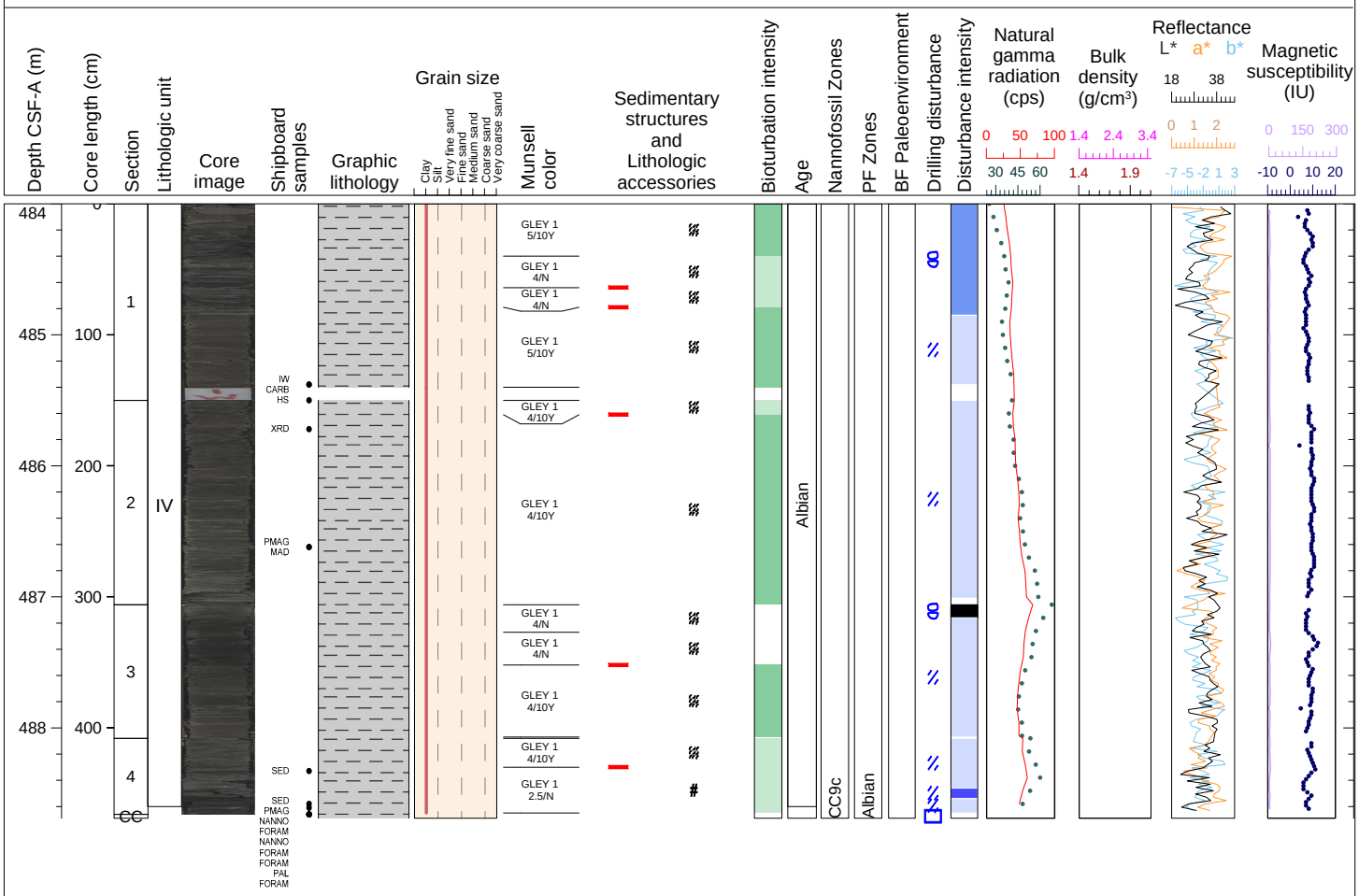
Hole 369-U1516C Core 34R, Interval 479.2-483.75 m (CSF-A)

Core 34R is dominated by a greenish gray (GLEY 1 6/10Y, GLEY 1 5/10Y) mottled/massive nannofossil-rich claystone and claystone with nannofossils. Gradational color changes occur throughout the core alternating from black (GLEY 1 2.5 10N), to dark greenish gray (4/10Y) to greenish gray (GLEY 1 5/10Y). Bioturbation intensity is variable throughout the core from absent to sparse to low. Shell fragments are present in Sections 1 and 2. Drilling disturbance ranges from being completely absent to being slightly fractured or biscuited.



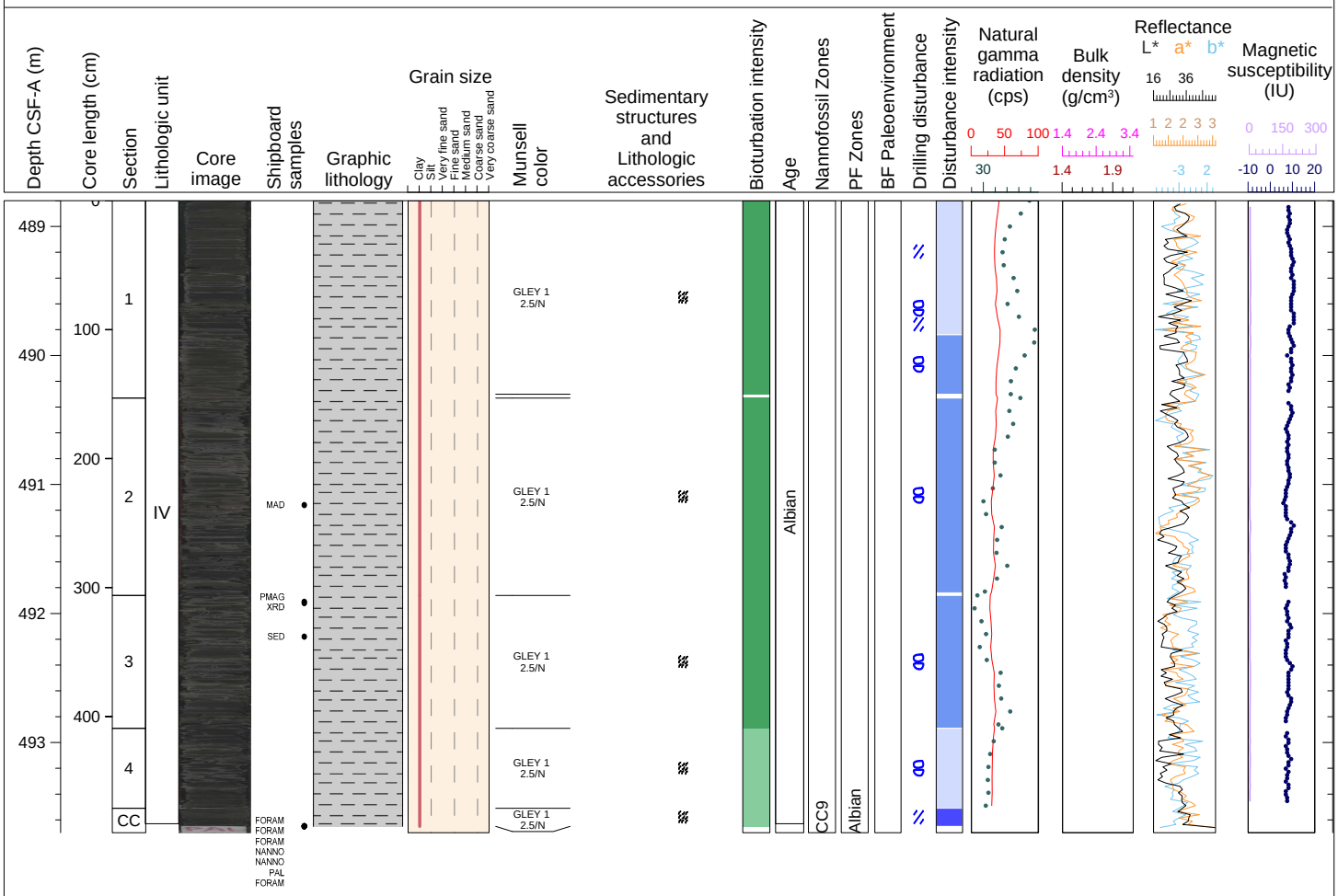
Hole 369-U1516C Core 35R, Interval 484.0-488.69 m (CSF-A)

Core 35R is dominated by a darkish greenish gray (GLEY 1 4/10Y) and dark gray (4/N) mottled/massive nannofossil rich claystone. Gradational color changes occur throughout the core ranging from very dark grey (GLEY 1 3/10N) to dark greenish gray (GLEY 1 4/10Y). Bioturbation intensity ranges from absent to low. Drilling disturbace is variable and ranges from being slightly fractured, to being moderately or destroyed by biscuiting.



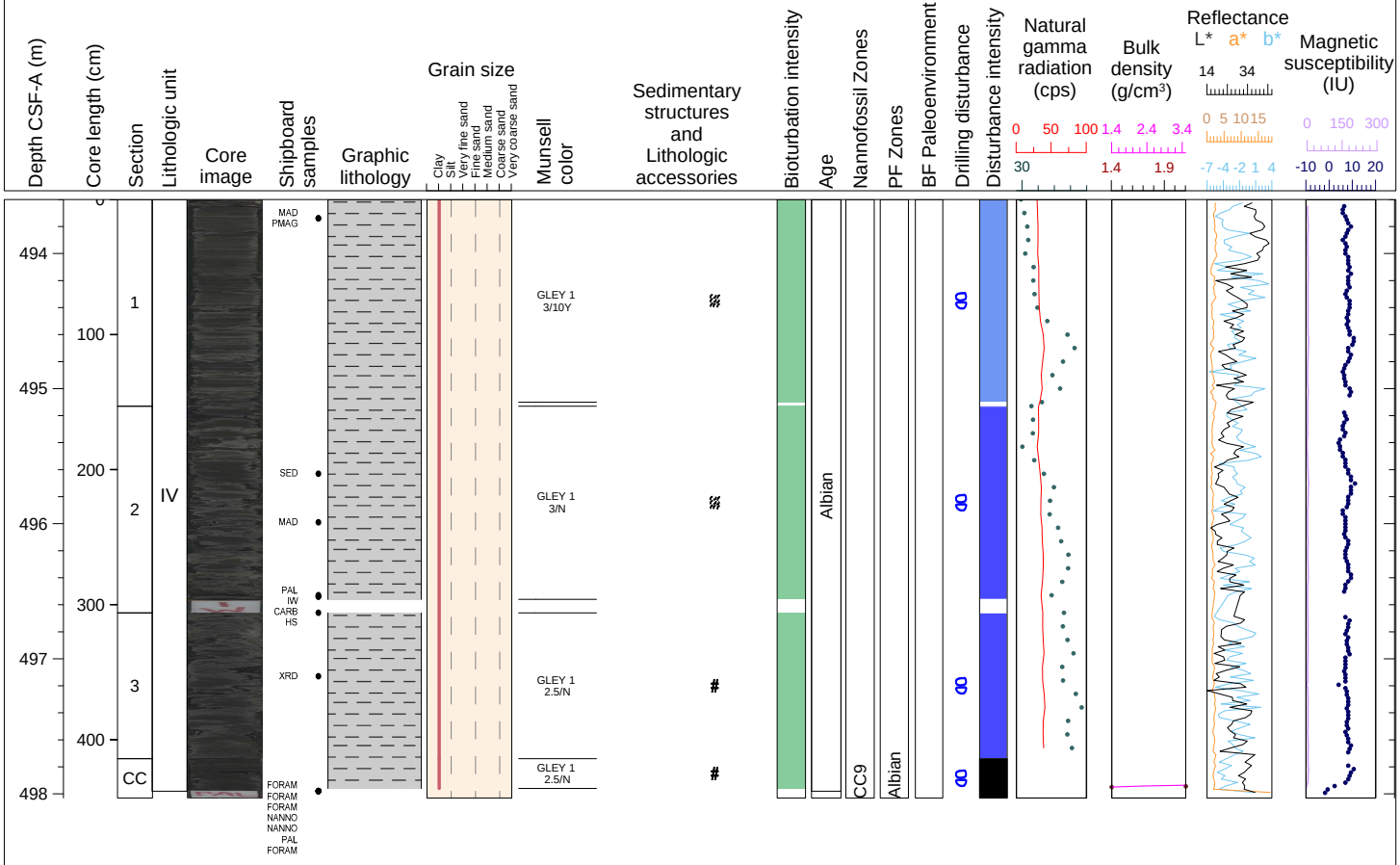
Hole 369-U1516C Core 36R, Interval 488.8-493.7 m (CSF-A)

Core 36R consists of a black (GLEY 1 2.5/N) mottled claystone with nannofossils. In Sections 2 and 3 there are intervals that are dark greenish gray (GLEY 4/10Y). There are also a few discrete grayish green (GLEY1 4/5G_/2) thin laminations are present throughout the core. Bioturbation intensity ranges from being low to moderate. The core is slightly-severely fragmented and slightly-moderately biscuited.



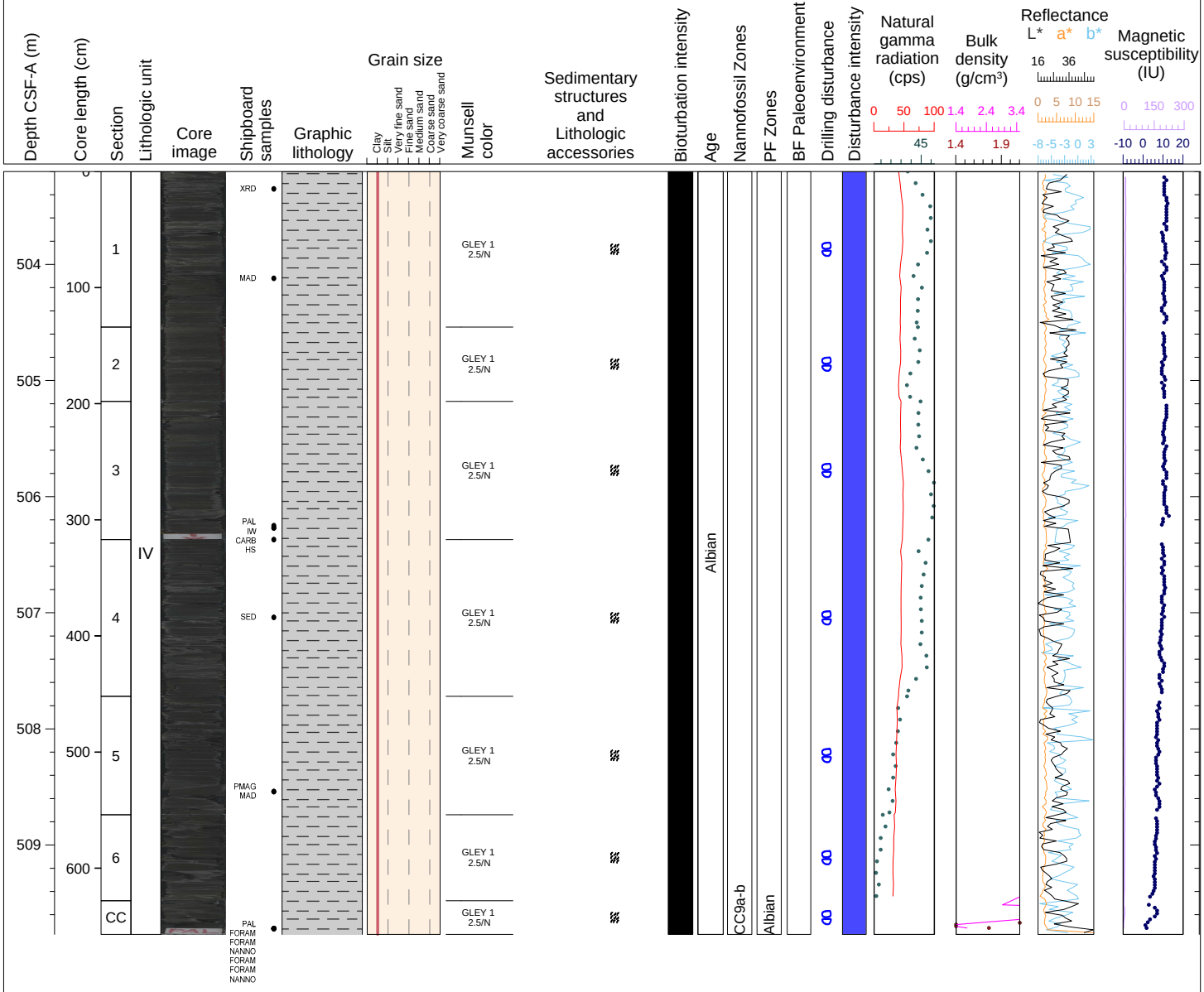
Hole 369-U1516C Core 37R, Interval 493.6-498.03 m (CSF-A)

Core 37R consists of a black (GLEY 1 2.5/N), very dark greenish gray (GLEY 1 3/10Y), and very dark gray (GLEY 1 3/N) claystone with nannofossils. The very dark gray and very dark greenish gray intervals are mottled and structureless whereas there does not appear to be mottling in the black interval. There are regular color alternations throughout the core. Bioturbation intensity is low. The core is moderately to severely biscuited and the CC is completely destroyed.



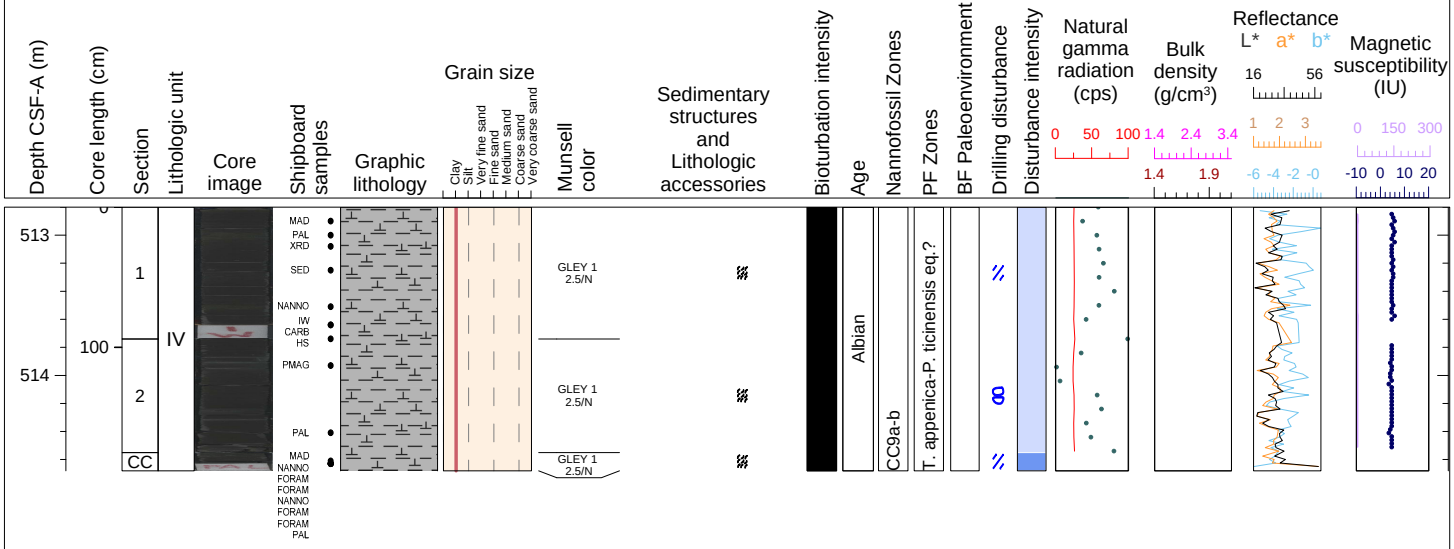
Hole 369-U1516C Core 38R, Interval 503.2-509.77 m (CSF-A)

Core 38R consists of a black (GLEY 1 2.5/N) mottled claystone with nannofossils. There are regular color alternations throughout the core with some interval being very dark greenish gray (GLEY 1 3/10Y). Bioturbation intensity is high. The core is severely biscuited.



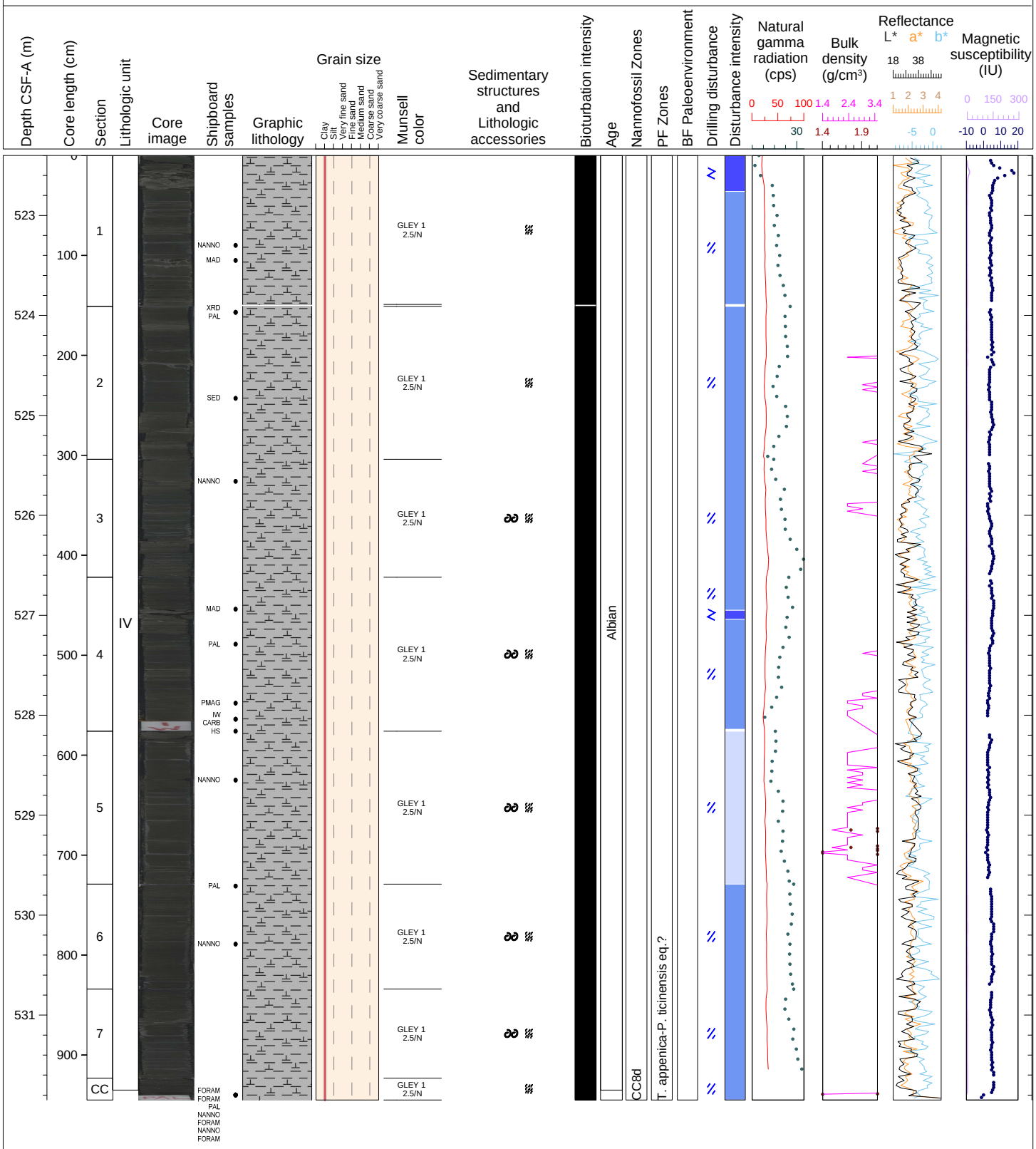
Hole 369-U1516C Core 39R, Interval 512.8-514.68 m (CSF-A)

Core 39R consists of a black (GLEY 1 2.5/N) mottled nannofossil-rich claystone. There are regular color alternations throughout the core with some intervals being very dark greenish gray (GLEY 1 3/10Y). Bioturbation intensity is high. The core is slightly-moderately fractured or slightly biscuited.



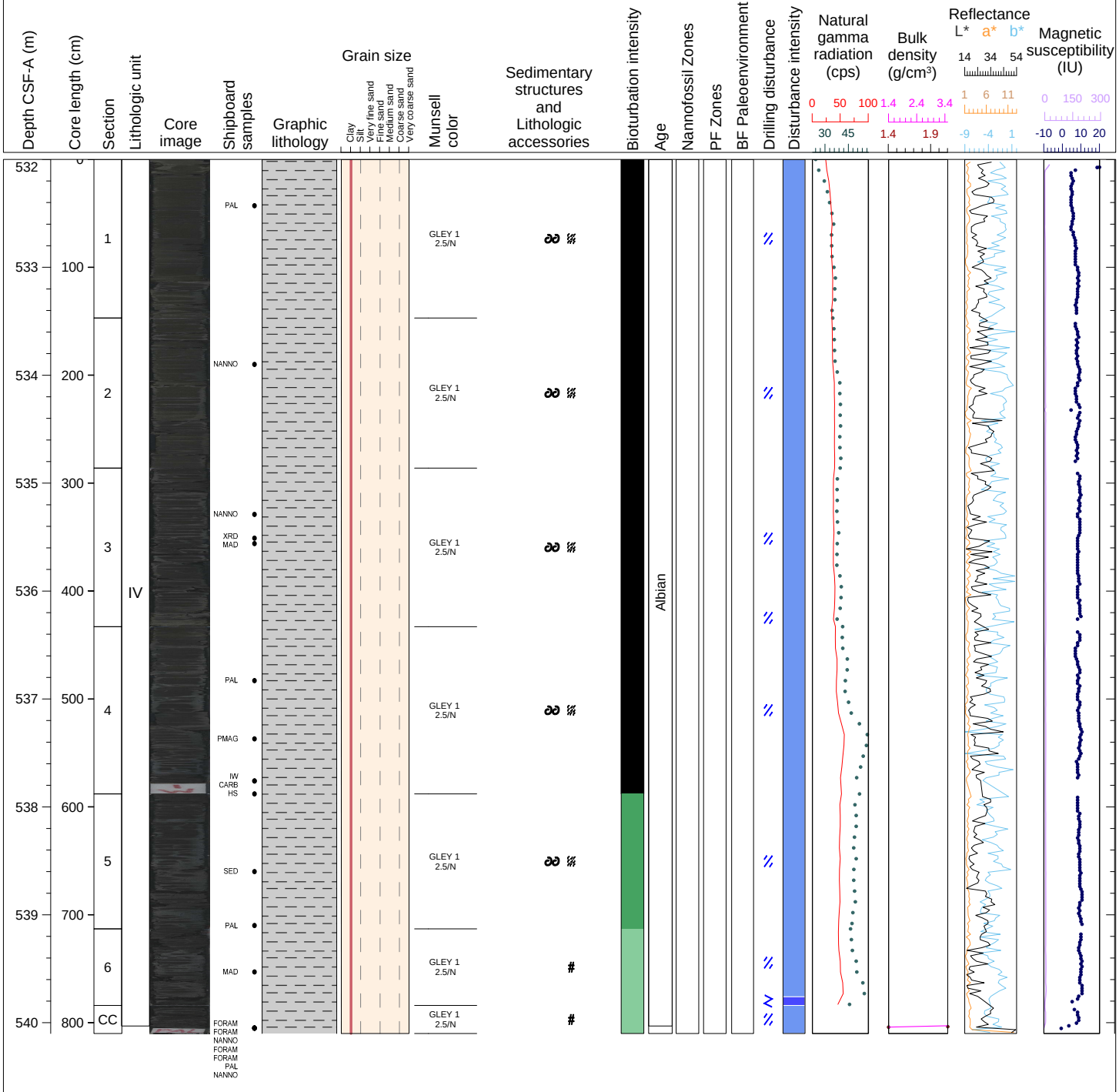
Hole 369-U1516C Core 40R, Interval 522.4-531.85 m (CSF-A)

Core 40R consists of a black (GLEY 1 2.5/N) mottled nannofossil-rich claystone. There are regular alternations in the color in the claystones throughout the core with some being very dark greenish gray (GLEY 1 3/10Y). Bioturbation ranges intensity is high. Shell fragments occur in trace to common abundances throughout Sections 3 through 7 with inoceramid fragments in Section 7 (34 cm). Drillig disturbance is variable with some intervals being slightly to miderately fractured and some being severely fragmented.



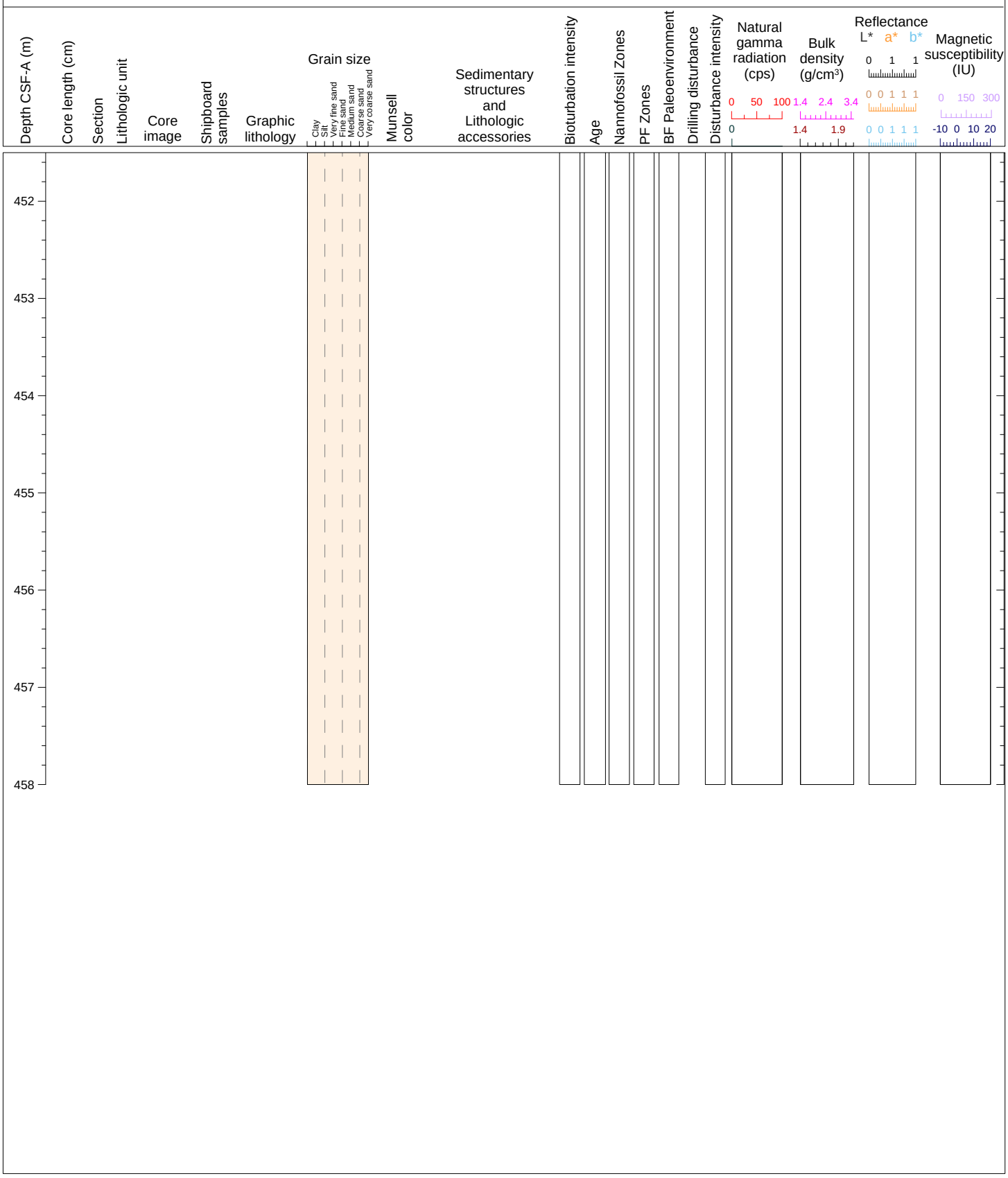
Hole 369-U1516C Core 41R, Interval 532.0-540.1 m (CSF-A)

Core 41R consists of a black (GLEY 1 2.5/N) claystone that is mottled in Sections 1-5 and is massive and structureless in Sections 6-7. Regular alternations in the color of the claystones become less prominent throughout the core. Bioturbation ranges from low to high. Shell fragments are common between Sections 1-5. Most of the core is moderately fractured with the exception of the lower portion of Section 6, which is severely fragmented.



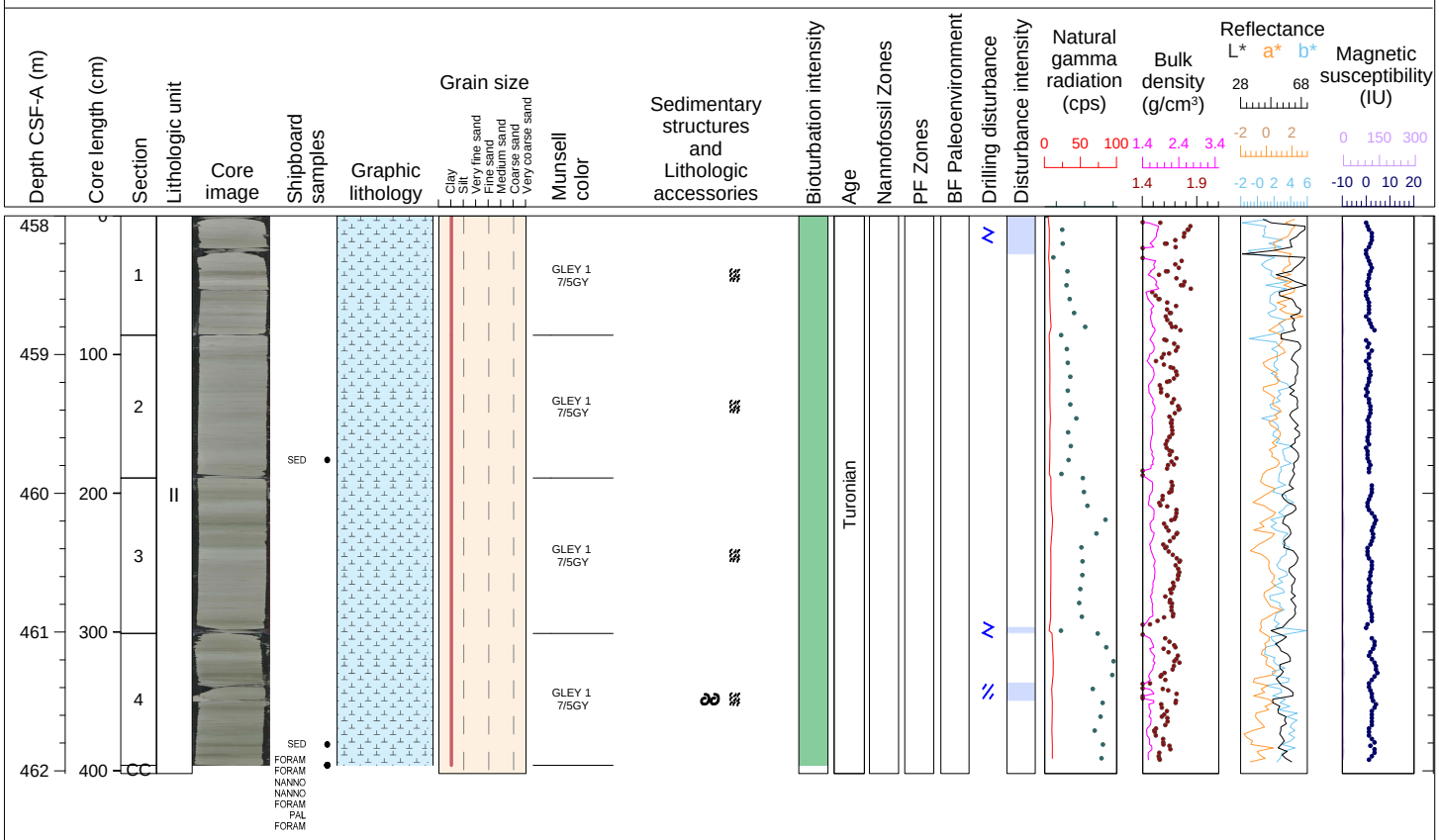
Hole 369-U1516D Core 11, Interval 0.0-458.0 m (CSF-A)

Drilled interval.



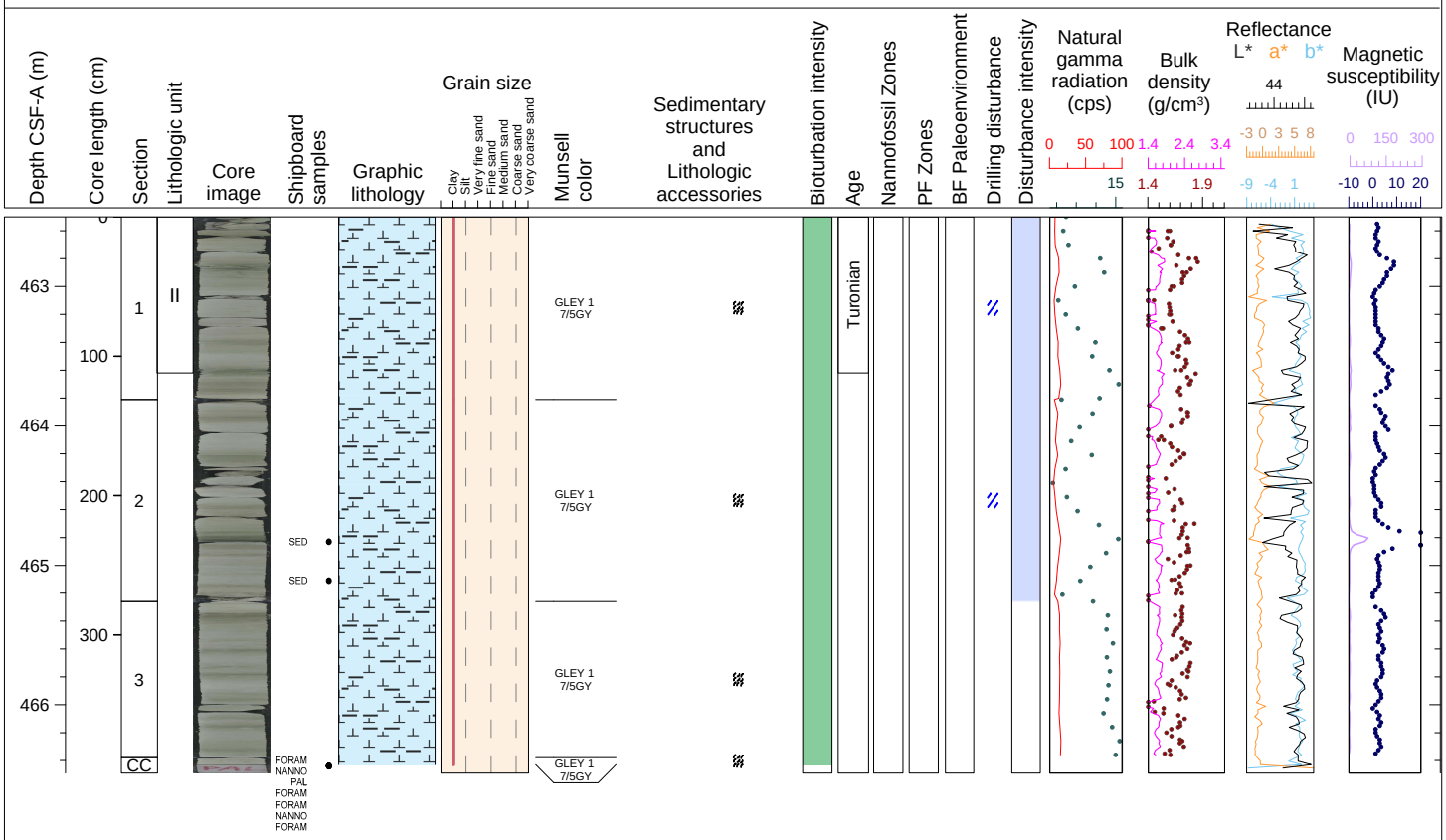
Hole 369-U1516D Core 2R, Interval 458.0-462.02 m (CSF-A)

Core 2R consists of light greenish gray (GLEY 1 7/5GY) mottled nannofossil chalk with clay. Thin bed to very thin beds, which are greenish gray (GLEY 1 6/10Y to 6/5GY) in color, are present in Sections 1, 3 and 4. Traces of shell fragments (including inoceramids) are present in Section 4. Bioturbation intensity is low throughout. Drilling disturbance in this core ranges from being completely absent to being slightly fractured and fragmented.



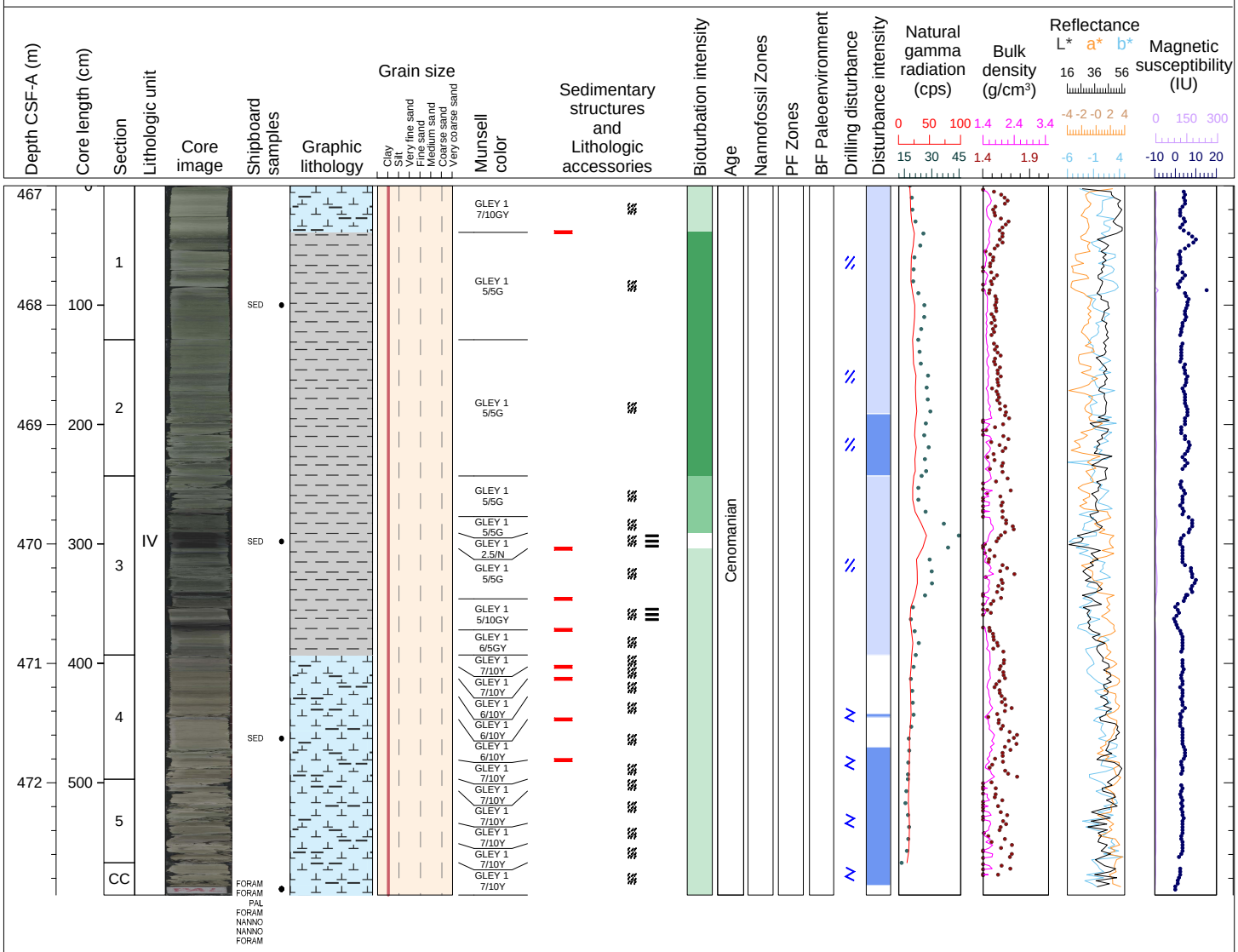
Hole 369-U1516D Core 3R, Interval 462.5-466.49 m (CSF-A)

Core 3R consists of a light greenish gray (GLEY 1 7/5GY) mottled clayey nannofossil chalk. Thin bed to very thin beds, which are greenish gray (GLEY 1 6/10Y to 6/5GY) in color, are present in Sections 1, 2 and 3. Shell fragments (including inoceramids) are present in trace abundance in Section 1 (89 cm). Bioturbation intensity is low throughout. Drilling disturbance in this core ranges from being completely absent to being slightly fractured.



Hole 369-U1516D Core 4R, Interval 467.0-472.94 m (CSF-A)

Core 4R consists of light greenish gray (GLEY 1 7/5GY) clayey nannofossil chalk, greenish gray (GLEY1 5/5G to 6/5GY) claystone, and greenish gray to light greenish gray (GLEY1 6/10Y to 7/10Y) clayey nannofossil chalk. Slight gradational color changes are present in Sections 3, 4 and 5. Thin beds of black claystone (GLEY 1 2.5/N) Section 3 some have parallel laminations. With the exception of laminated intervlas, the core is mottled throughout. Bioturbation intensity is sparse to moderate. Drilling disturbance is completely absent in some intervals whereas in others it is slightly-moderately fractured or moderatly fragmented.



Hole 369-U1516D Core 5R, Interval 473.0-477.6 m (CSF-A)

Core 5R consists largely of greenish gray (GLEY 1 6/10Y) clayey nannofossil chalk that is mottled and structureless. There are regular color changes from dark gray (GLEY 1 4/N), to greenish gray (GLEY 1 5/5GY), to light greenish gray (7/10Y) throughout the core. Bioturbation is sparse to low. The core is either moderately biscuited, moderately fragmented or unaffected by drilling disturbances.