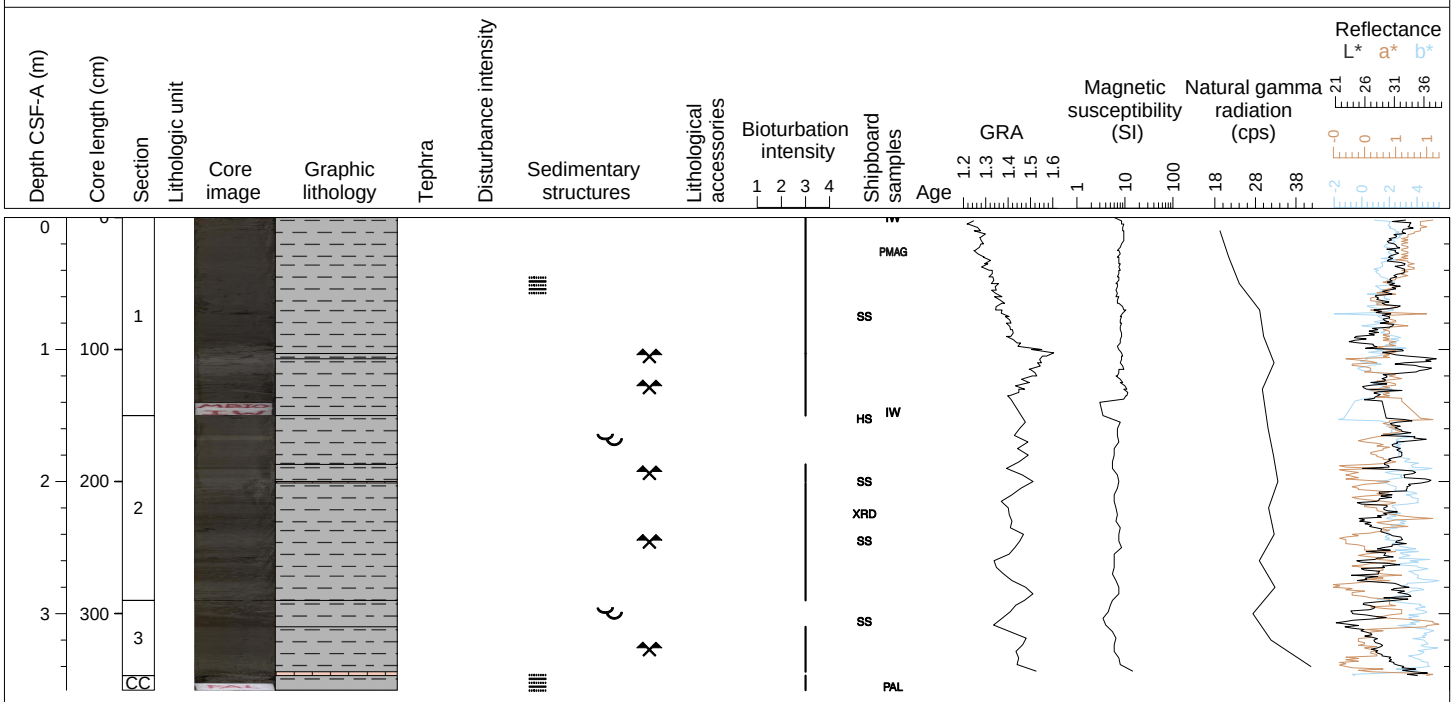
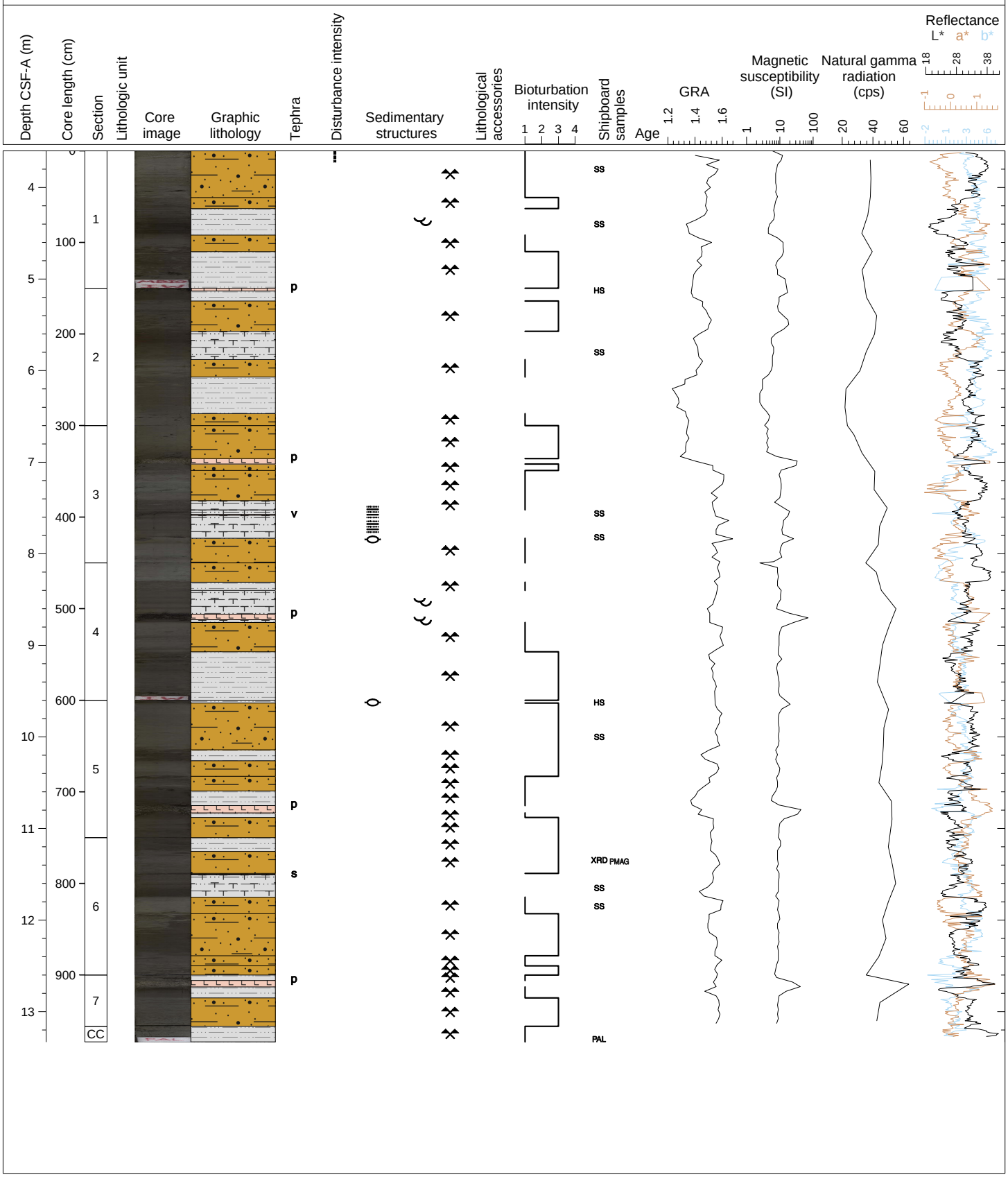
Hole 346-U1430A Core 1H, Interval 0.0-3.58 m (CSF-A)

CLAY (very dark grayish green) with prominent color banding and minor intervals of CLAY WITH FORAMINIFERS showing faint laminations. Heavy bioturbation throughout. Two thin TEPHRA layers are present in Section 2, 50-51 cm, and Section 3, 54-57 cm.



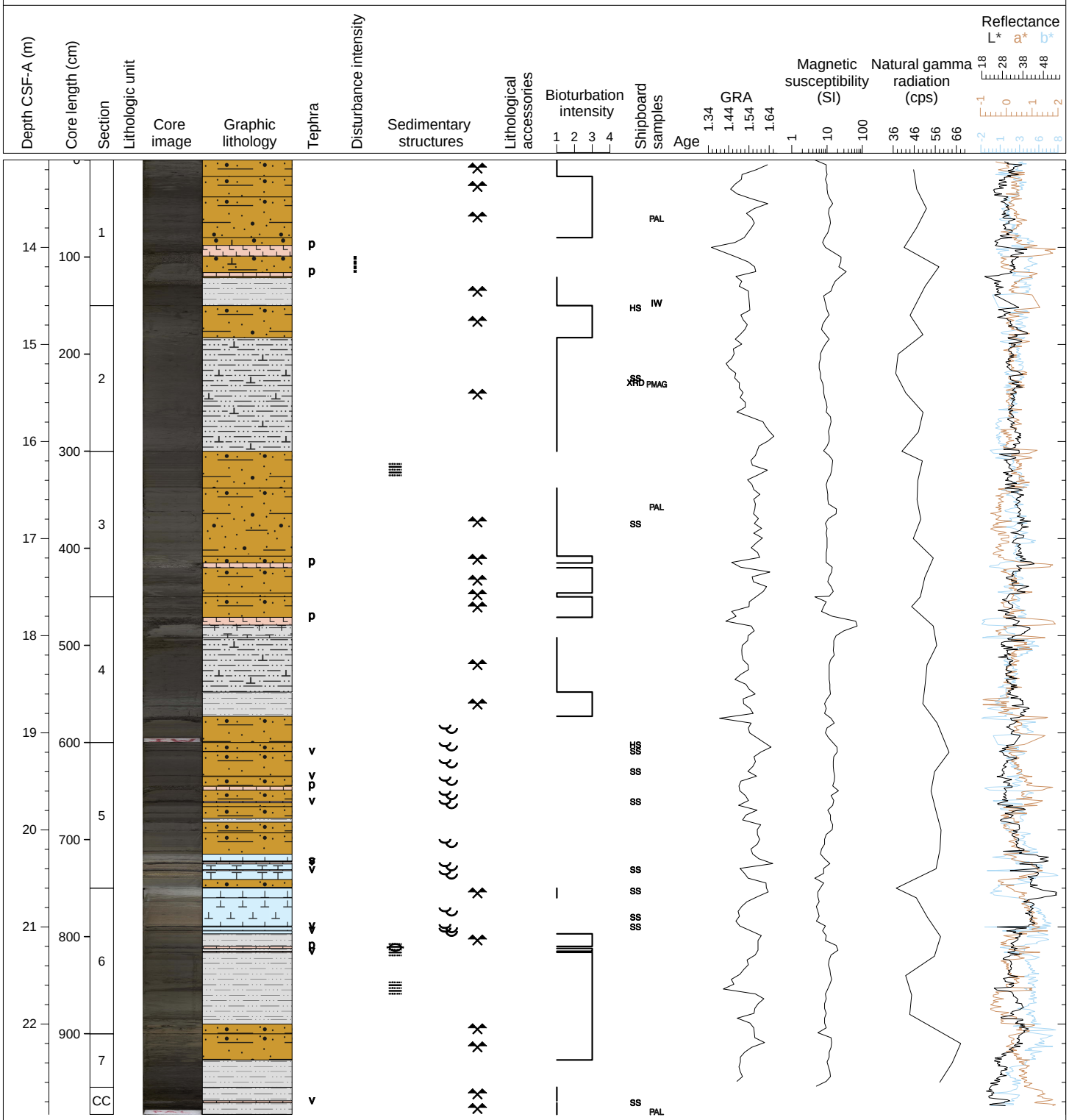
Hole 346-U1430A Core 2H, Interval 3.6-13.33 m (CSF-A)

Interbedded CLAYEY SILT (olive gray) and SILTY CLAY (dark olive gray to dark gray) with minor FORAMINIFER-RICH CLAYEY SILT (dark olive gray), the latter laminated. The clays tend to be slightly bioturbated, while the silty clay (dark layers) are heavily bioturbated. Numerous TEPHRA layers (white to gray) are present throughout the core (pumiceous, scoria and vitric types). Slight drilling disturbance at the top of the core.



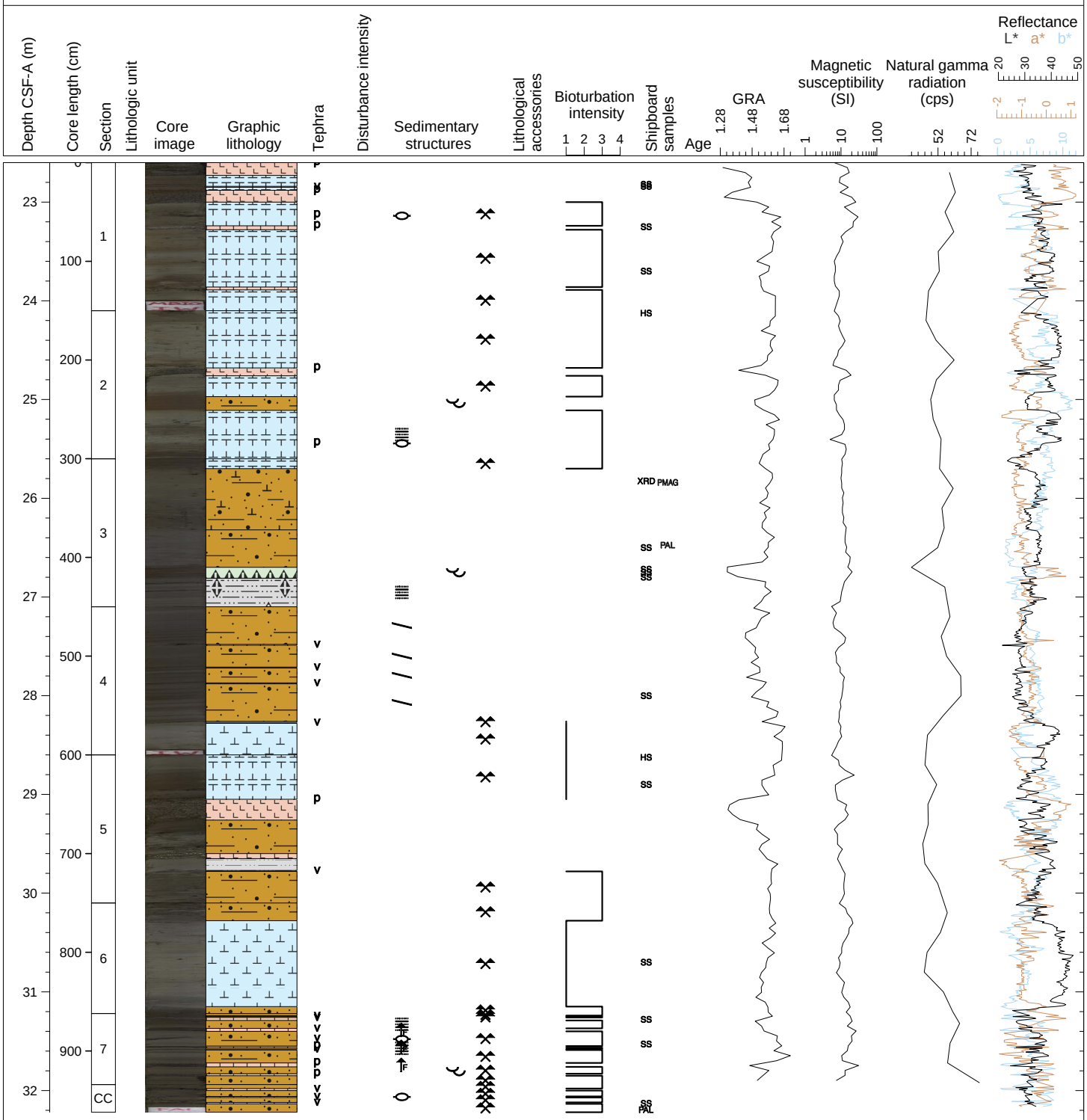
Hole 346-U1430A Core 3H, Interval 13.1-22.93 m (CSF-A)

Interbedded CLAYEY SILT (greenish gray to dark olive gray), SILTY CLAY (dark olive gray to dark gray) with intervals of FORAMINIFER-RICH CLAYEY SILT (olive gray) and NANNOFOSSIL OOZE (light greenish gray). Numerous TEPHRA layers (white, gray and black), mostly vitric or pumiceous, punctuate the sequence. The carbonate-bearing intervals are well-laminated but the remainder of the core is slight to heavily bioturbated. Section 1 is moderately disturbed with coarse sand washed in around the core liner edges.



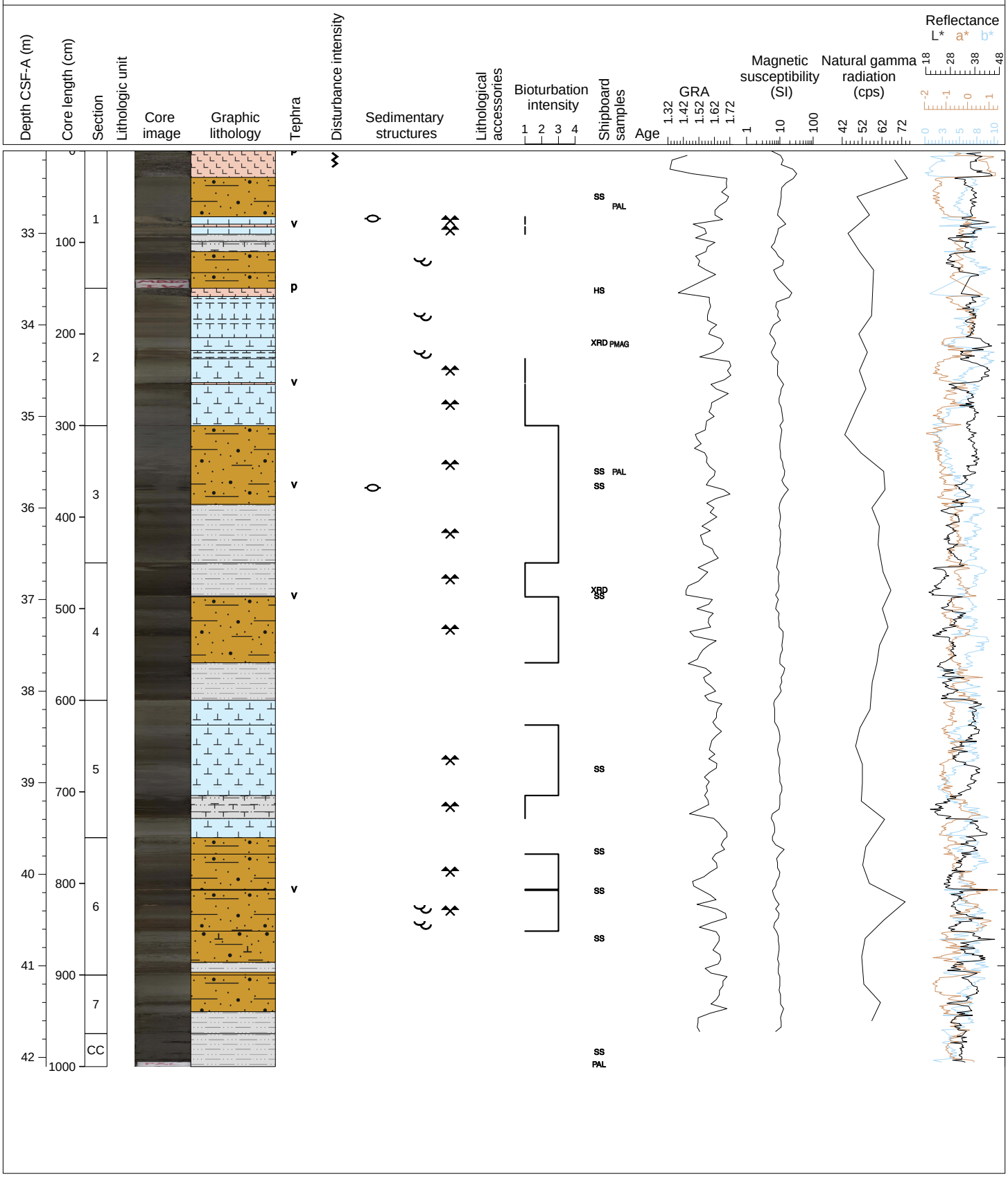
Hole 346-U1430A Core 4H, Interval 22.6-32.22 m (CSF-A)

Interbedded and color banded SILTY CLAY (greenish gray), CALCAREOUS OOZE (olive gray), CLAYEY SILT and VOLCANIC GLASS-BEARING CLAYEY SILT (dark gray), and BIOSILICEOUS OOZE (dark brown). Biogenic-rich sections of the core tend to be finely laiminated wthile the clays and silty clays show evidence of slight to heavy bioturbation. Thin TEPHRA layers (white to dark gray), mostly vitric or pumiceous, are abundant throughout the core, especially in Sections 1, 4, 7 and the CC. A number of the TEPHRA beds show normal grading (generally of pumiceous type) with a sharp erosional base, so potentially represent turbidite flows. Section 4 shows tilted bedding that looks to be an original structure and not coring disturbance.



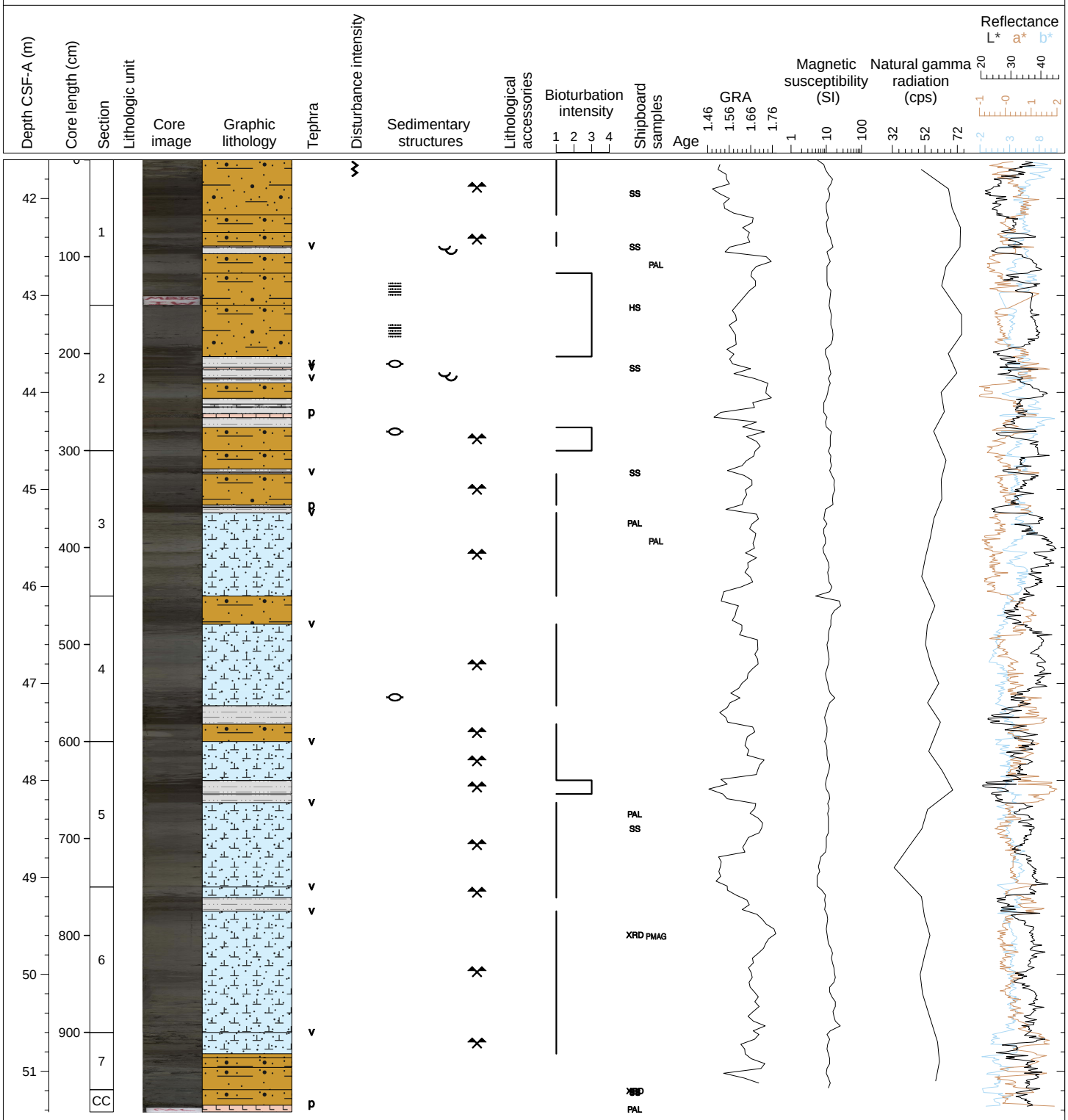
Hole 346-U1430A Core 5H, Interval 32.1-42.1 m (CSF-A)

Interbedded CLAYEY SILTY (greenish gray), SILTY CLAY (olive gray to very dark gray), CALCAREOUS OOZE (light olive gray), and NANNOFOSSIL OOZE (greenish gray), with slight to heavy bioturbation throughout. Laminated intervals of CALCAREOUS OOZE are found in Section 1, 110-133 cm, and Section 2, 9-54 cm and 68-77 cm. A large PUMICE layer caps Section 1 (0-9 cm) and discrete vitric TEPHRA layers (gray to white) are observed in Sections 1, 2, 3, 4 and 6. Drilling disturbance and material from fall-in is found at the top of Section 1,



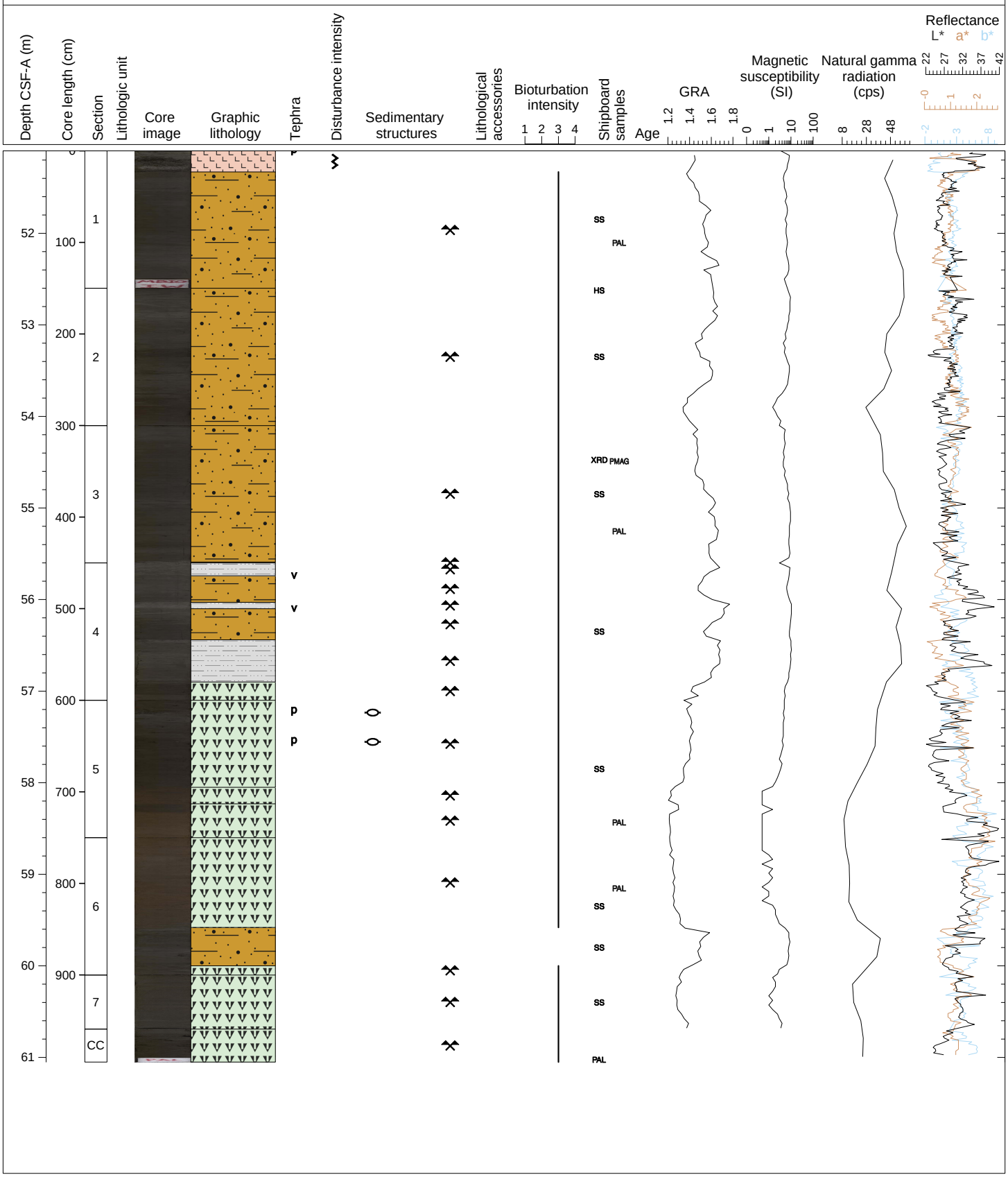
Hole 346-U1430A Core 6H, Interval 41.6-51.42 m (CSF-A)

CLAYEY SILT (olive gray) and SILTY CLAY (very dark gray) grading downcore into dominantly SILTY NANNOFOSSIL OOZE WITH VOLCANIC ASH (greenish gray) in Sections 3 through 7. Slight to heavy bioturbation though color banding is still visible associated with the alternating lithologies. Numerous thin (1-3 cm), gray to white TEPHRA layers (pumice and vitric type) are present in the core. Drilling disturbance is high at the top of Section 1 (0-19 cm), with a mousselike texture to the sediment.



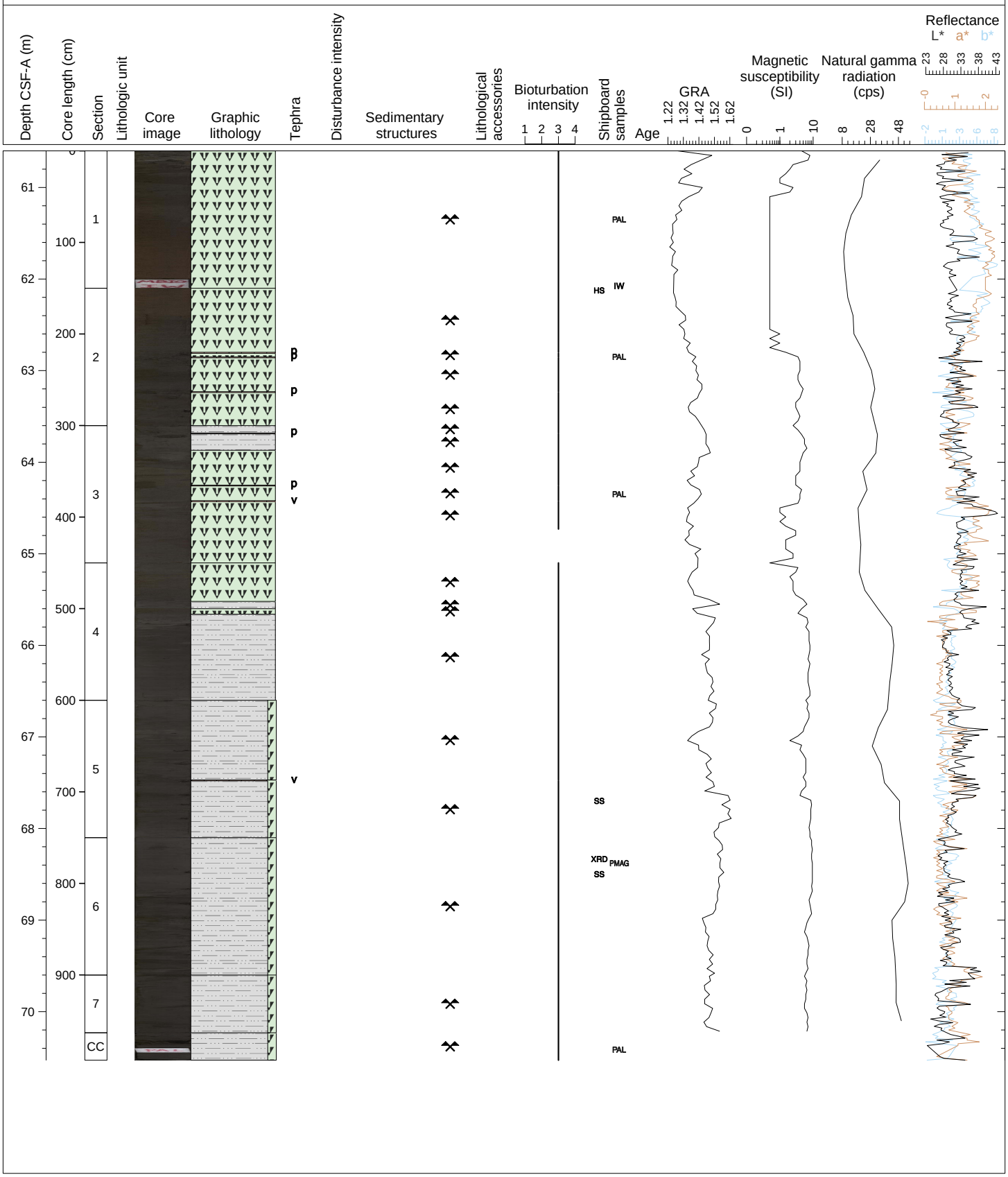
Hole 346-U1430A Core 7H, Interval 51.1-61.05 m (CSF-A)

SILTY CLAY (very dark gray) grading below the base of Section 4 into DIATOM OOZE (olive gray to dark olive gray), with slight to heavy bioturbation throughout. Two vitric TEPHRA layers are found in Section 4 and two pumiceous layers are observed in Section 5. Slight drilling disturbance throughout with sediment at the top of Section 1 showing a mousselike texture.



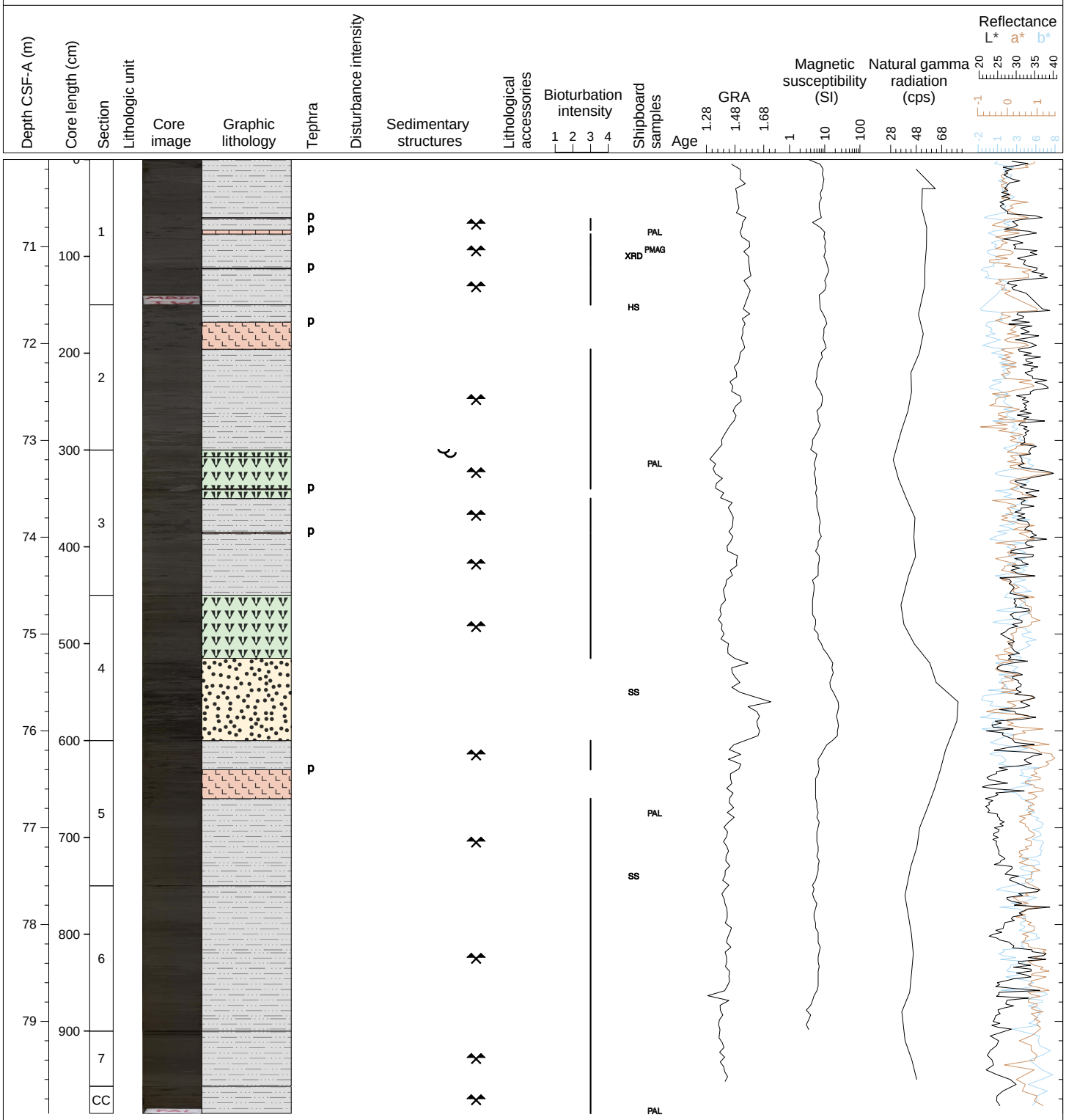
Hole 346-U1430A Core 8H, Interval 60.6-70.53 m (CSF-A)

DIATOM OOZE (grayish green) grading to SILTY CLAY (dark olive gray) below Section 4, 40 cm. Heavily bioturbated throughout with slight drilling disturbance in most sections. Numerous TEPHRA layers in Sections 2 and 3, all but one pumiceous.



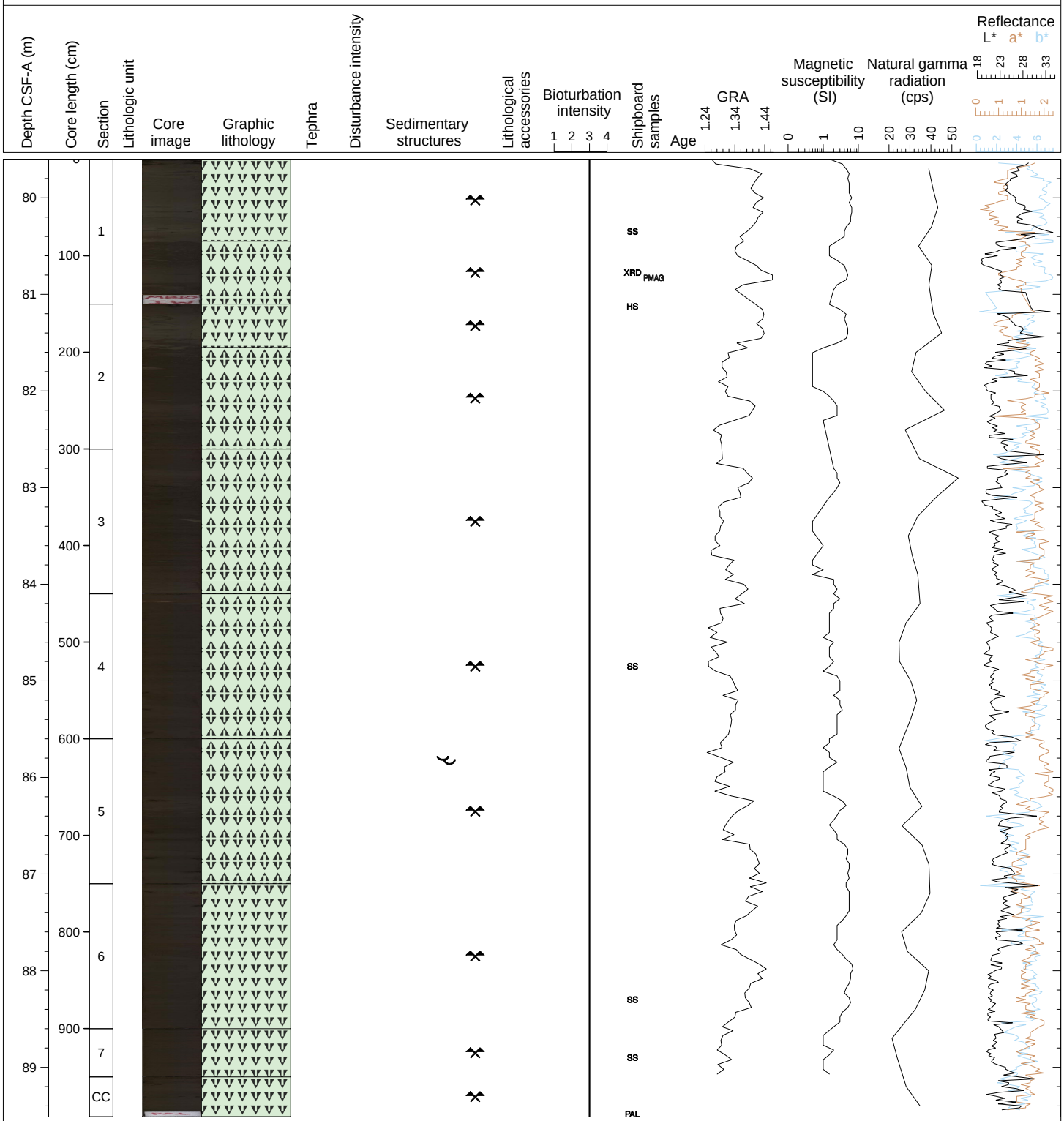
Hole 346-U1430A Core 9H, Interval 70.1-79.95 m (CSF-A)

SILTY CLAY (dark olive gray) and DIATOM-BEARING SILTY CLAY WITH RADIOLARIANS (grayish green), heavily bioturbated, with interbedded, disturbed intervals of DIATOM OOZE in Sections 3 and 4. The diatom ooze found in the top 50 cm of Section 3 is chaotic in appearance and apparently resedimented, with larger indurated clay chips and laminations at the very top. Another chaotic interval is observed in Section 4 (67-150 cm) that consists of resedimented diatom ooze, volcanic glass and dark green minerals (glauconite). Numerous thin TEPHRA layers (all pumiceous) are present in Sections 1, 2, and 3, and a thicker pumice layer is found from 30-60 cm in Section 5. Distinct horizontal burrows are visible in Section 5 and a deep vertical burrow in Section 3.



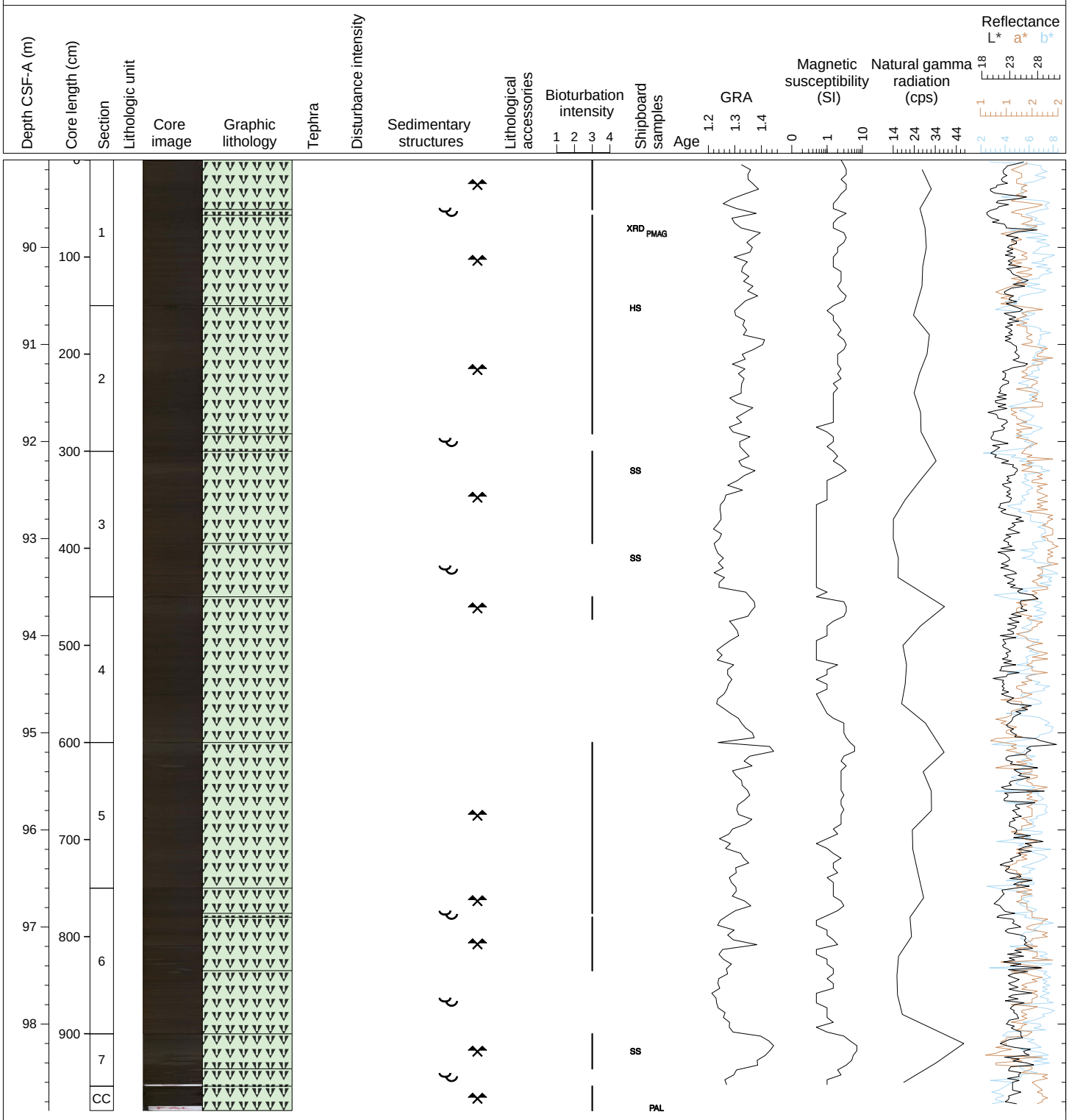
Hole 346-U1430A Core 10H, Interval 79.6-89.51 m (CSF-A)

DIATOM OOZE (dark olive gray) and BIOSILICEOUS OOZE (very dark gray) with slight to heavy bioturbation and minor disturbance from gas expansion. Intervals showing faint laminations are present in Section 5, 20-25 cm, and Section 7, 0-50 cm.



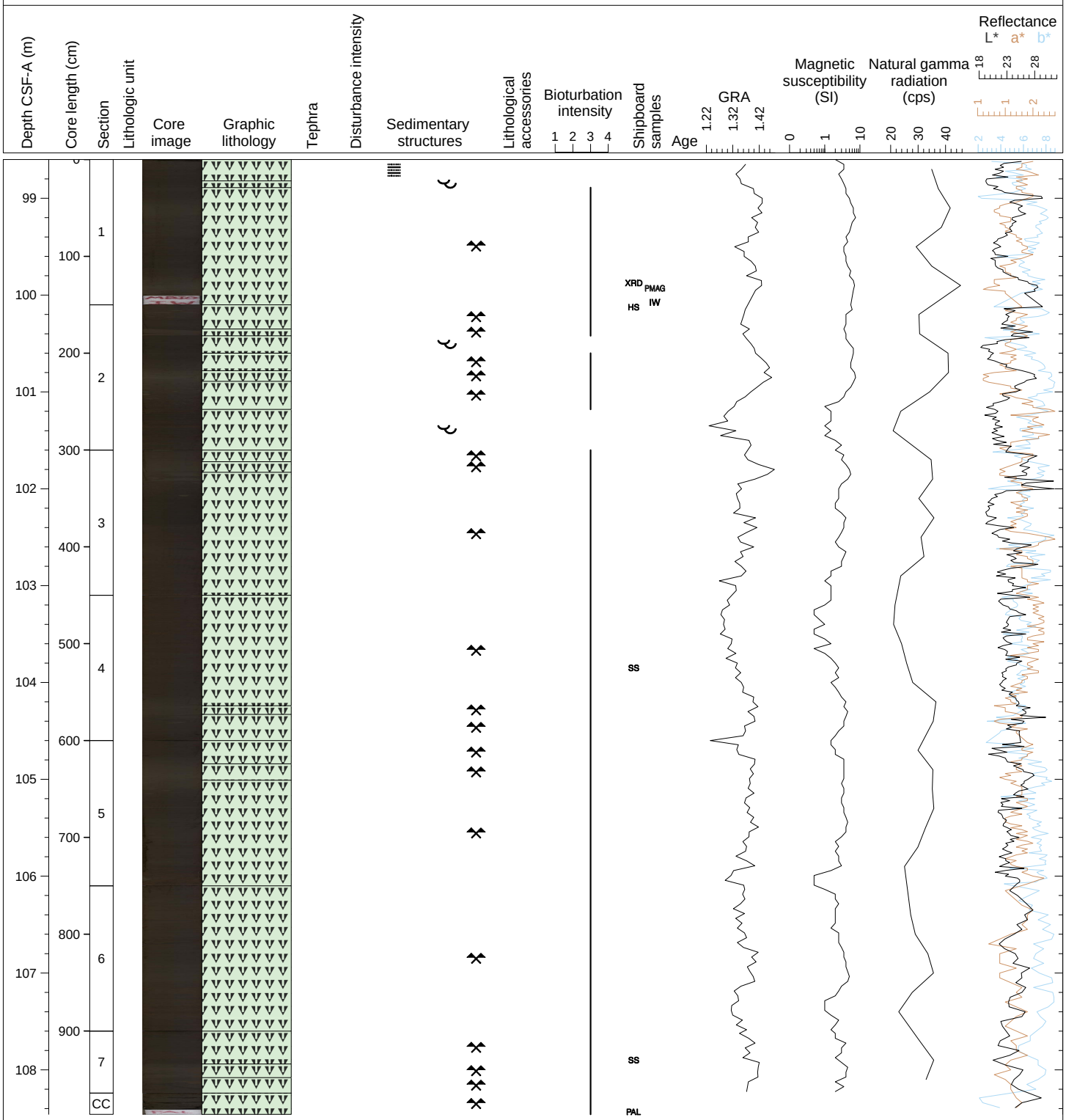
Hole 346-U1430A Core 11H, Interval 89.1-98.89 m (CSF-A)

DIATOM OOZE (very dark gray) with minor BIOSILICEOUS-RICH CLAY (dark brownish gray), slight to heavy bioturbation throughout. Finely laminated intervals are visible in Sections 1, 2, 3, 6 and 7.



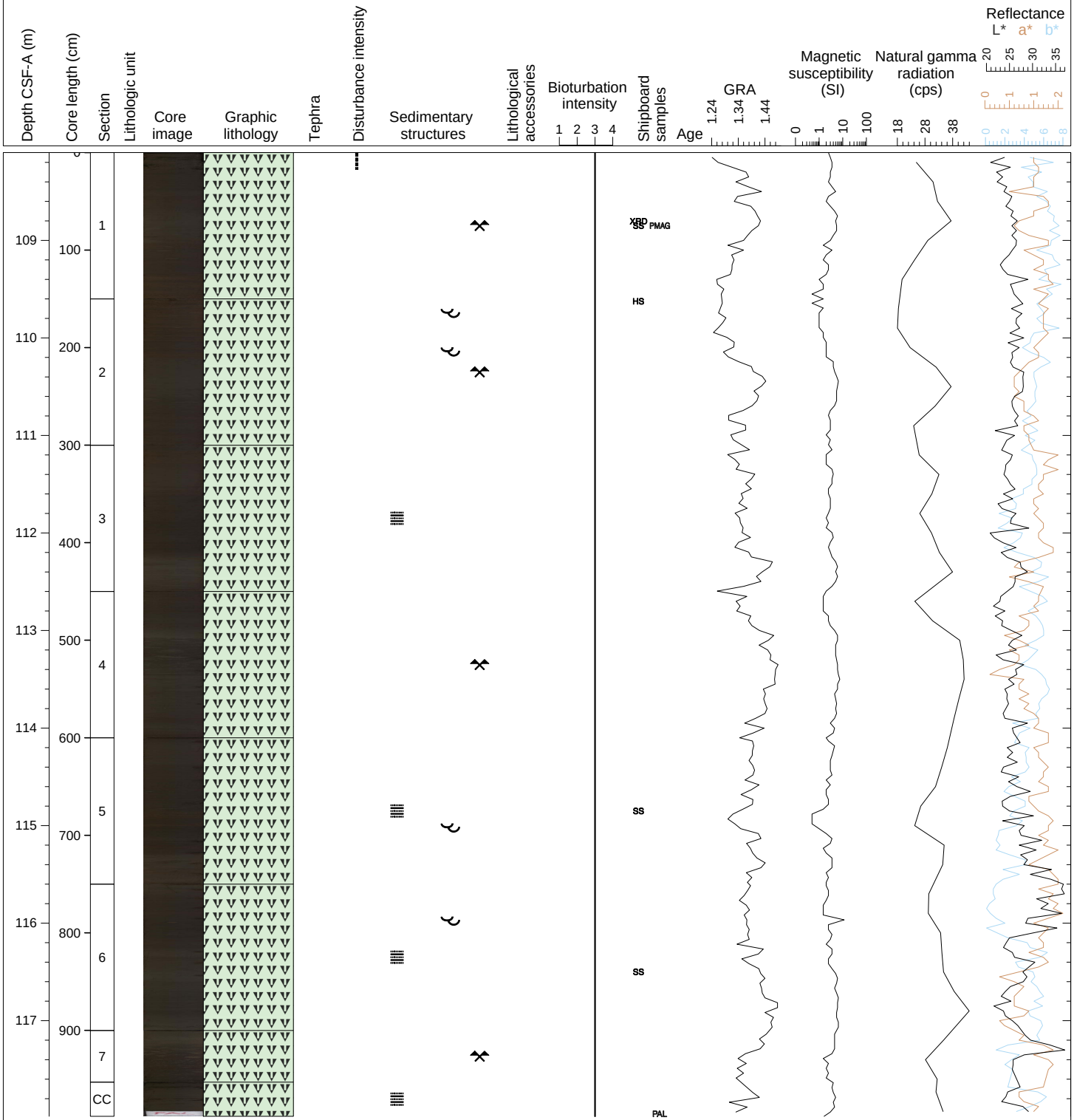
Hole 346-U1430A Core 12H, Interval 98.6-108.46 m (CSF-A)

DIATOM OOZE (dark greenish gray to very dark gray) with minor BIOSILICEOUS-RICH CLAY, slight to heavy bioturbation throughout. Finely laminated intervals in Sections 1 and 2. Minor disturbance from gas expansion.



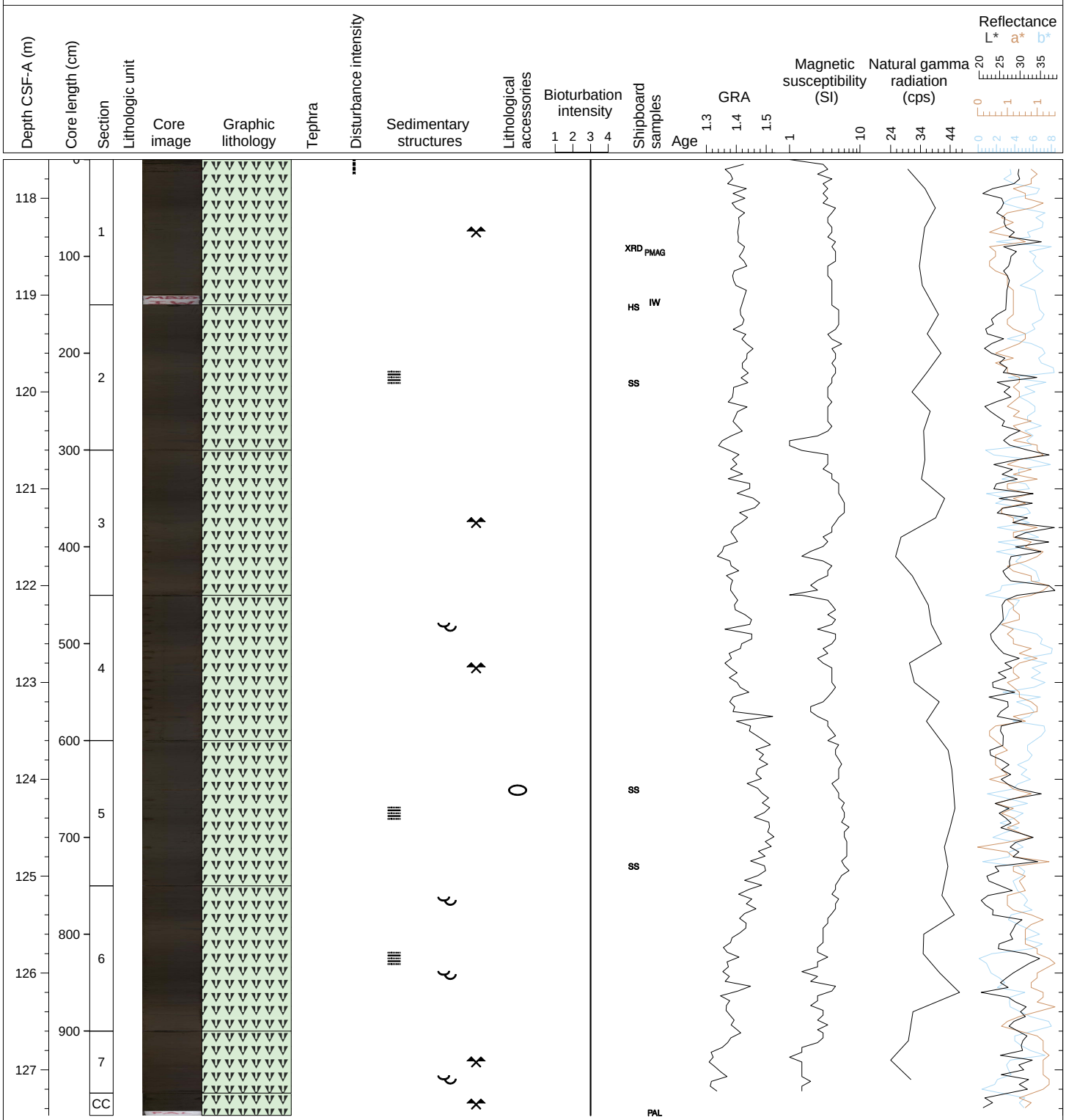
Hole 346-U1430A Core 13H, Interval 108.1-117.98 m (CSF-A)

DIATOM OOZE (very dark gray), showing evidence of slight to heavy bioturbation throughout and subtle color banding. Finely laminated intervals are present in Sections 3, 5, 6 and the CC. The top 18 cm of Section 1 are soupy, with minor disturbance over the rest of the core from gas expansion.



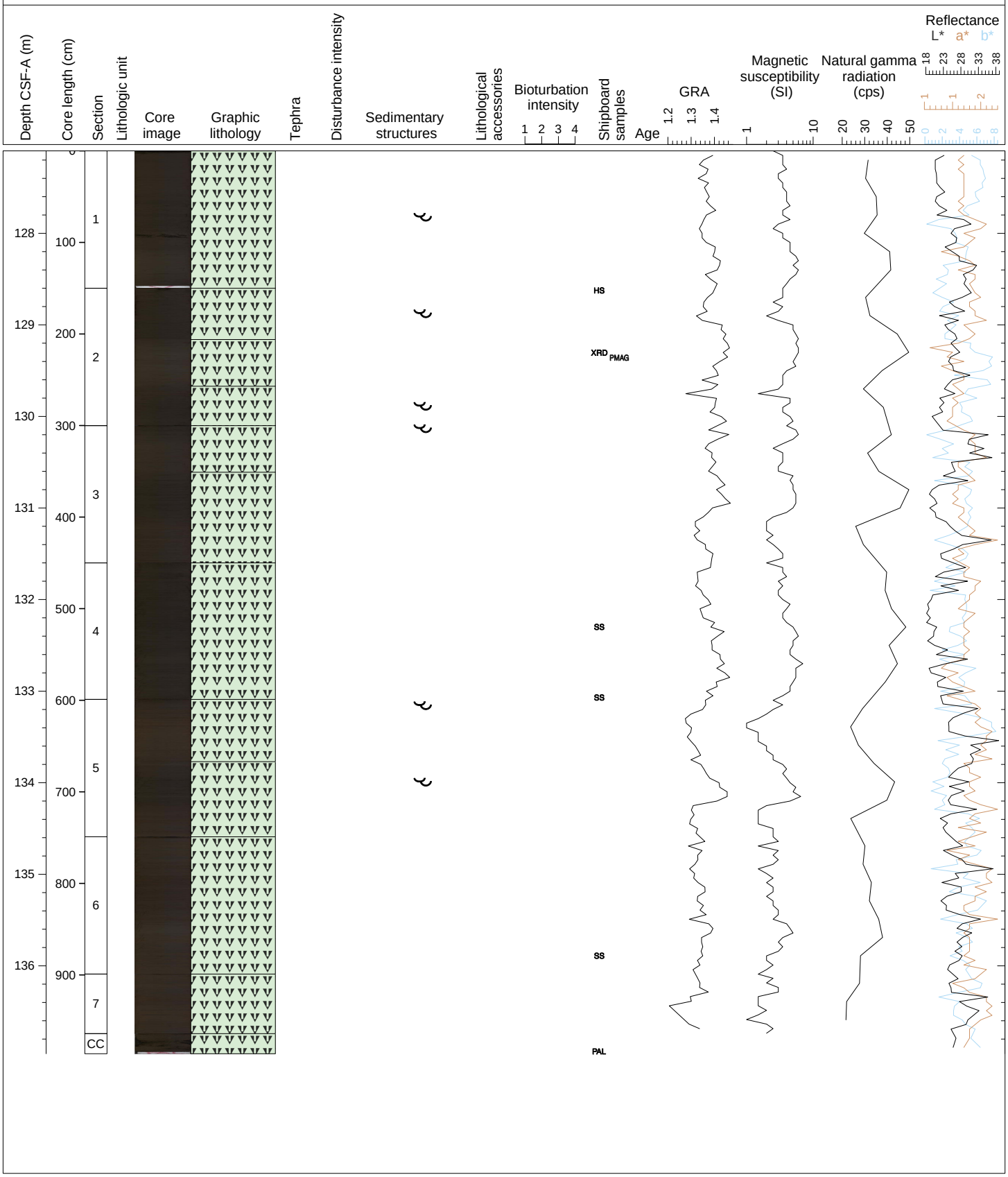
Hole 346-U1430A Core 14H, Interval 117.6-127.47 m (CSF-A)

DIATOM OOZE (very dark gray to dark olive gray), with slight to heavy bioturbation throughout. Finely laminated intervals are present in Sections 4, 6 and 7, and a carbonate concretion is found in Section 5, 51 cm. Minor drilling disturbance at the top of Section 1, with the rest of the core affected by slight disturbance from gas expansion.



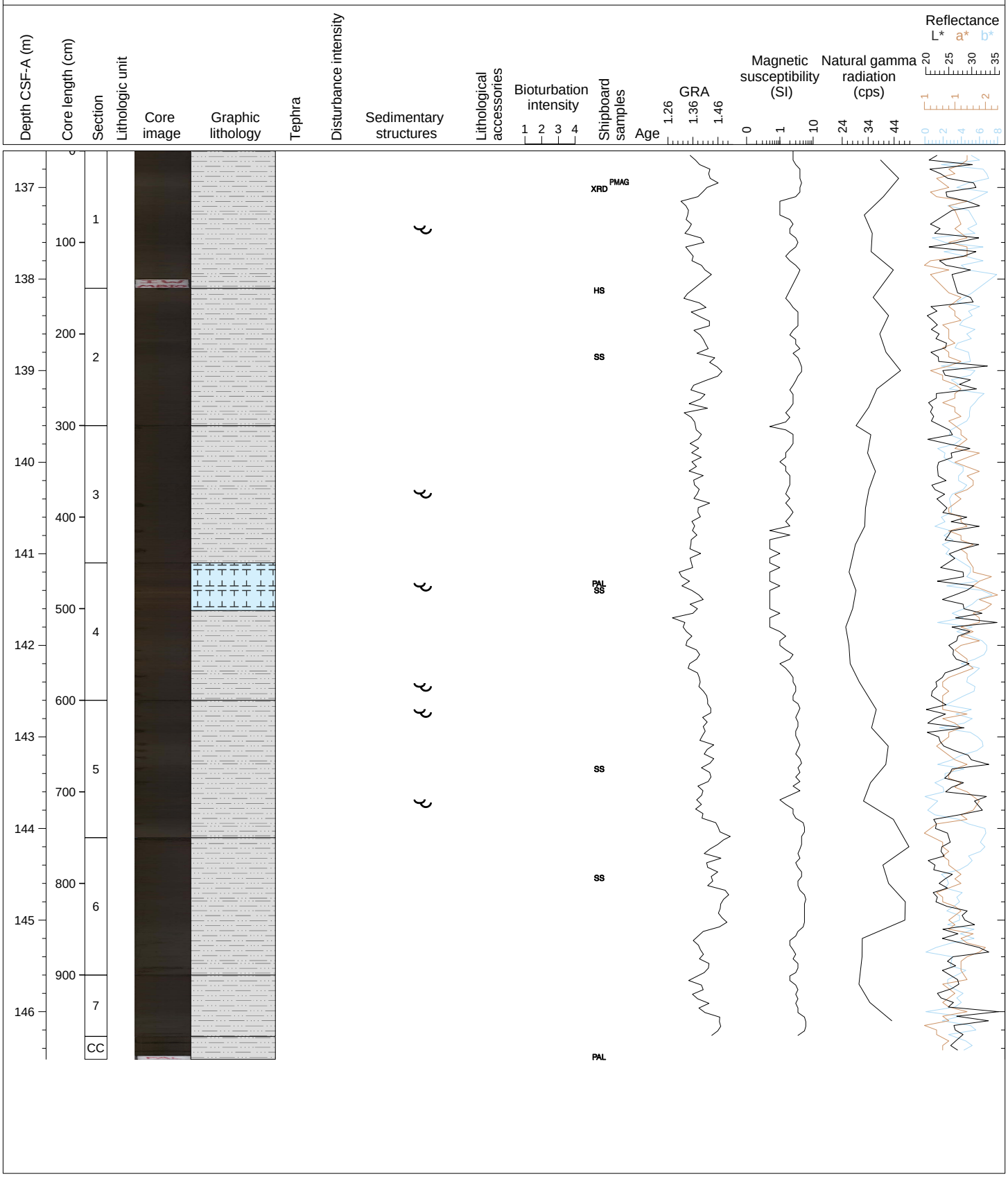
Hole 346-U1430A Core 15H, Interval 127.1-136.96 m (CSF-A)

DIATOM OOZE (very dark gray to dark olive gray), with slight to heavy bioturbation throughout. Finely laminated intervals are present in Sections 1, 2, 3, and 5.



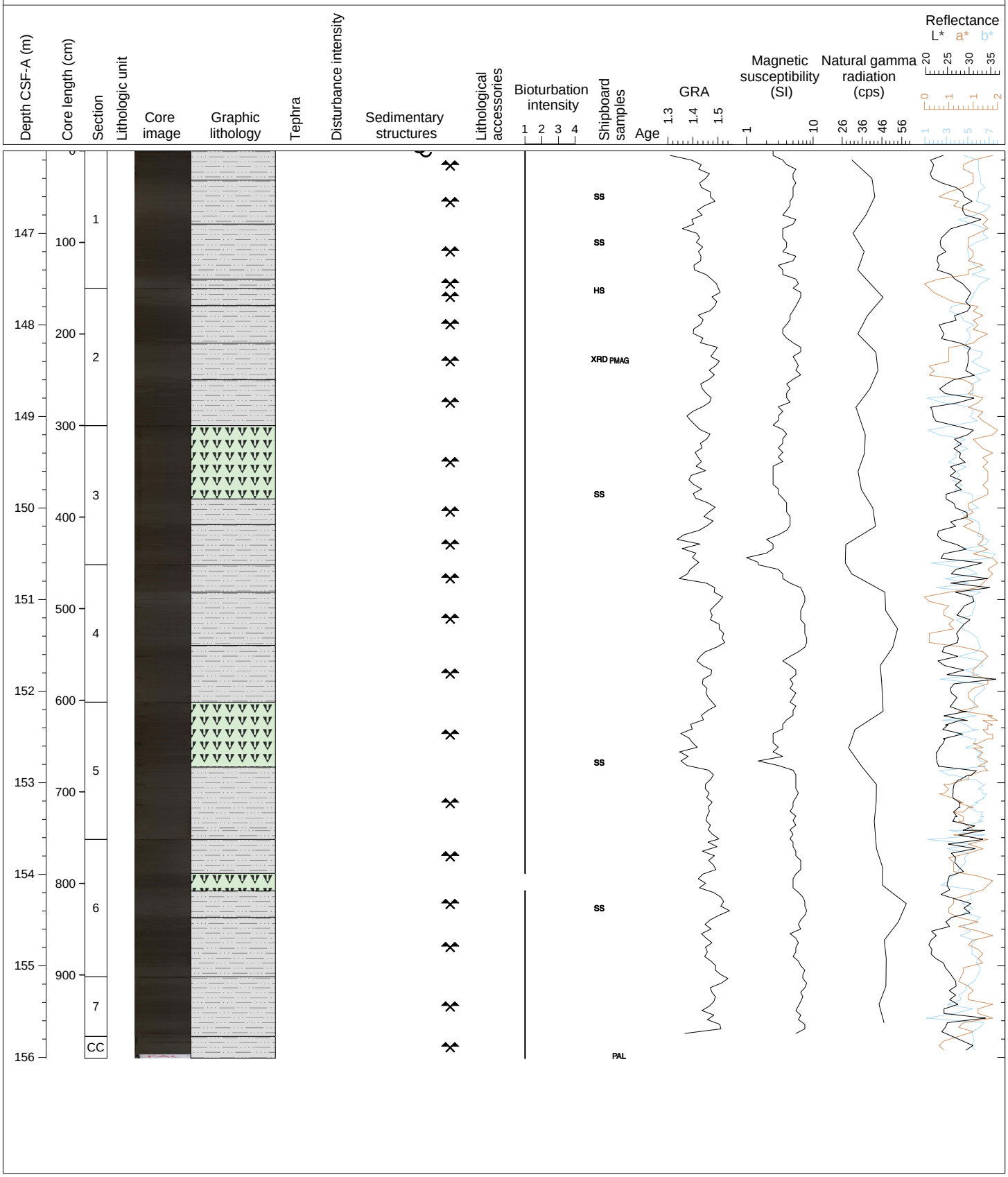
Hole 346-U1430A Core 16H, Interval 136.6-146.52 m (CSF-A)

Dominantly DIATOM-RICH SILTY CLAY (very dark gray) with an interval of CALCAREOUS OOZE found in Section 4, 0-52 cm. Slight to heavy bioturbation except for several laminated intervals observed in Sections 1, 3, 4 and 5.



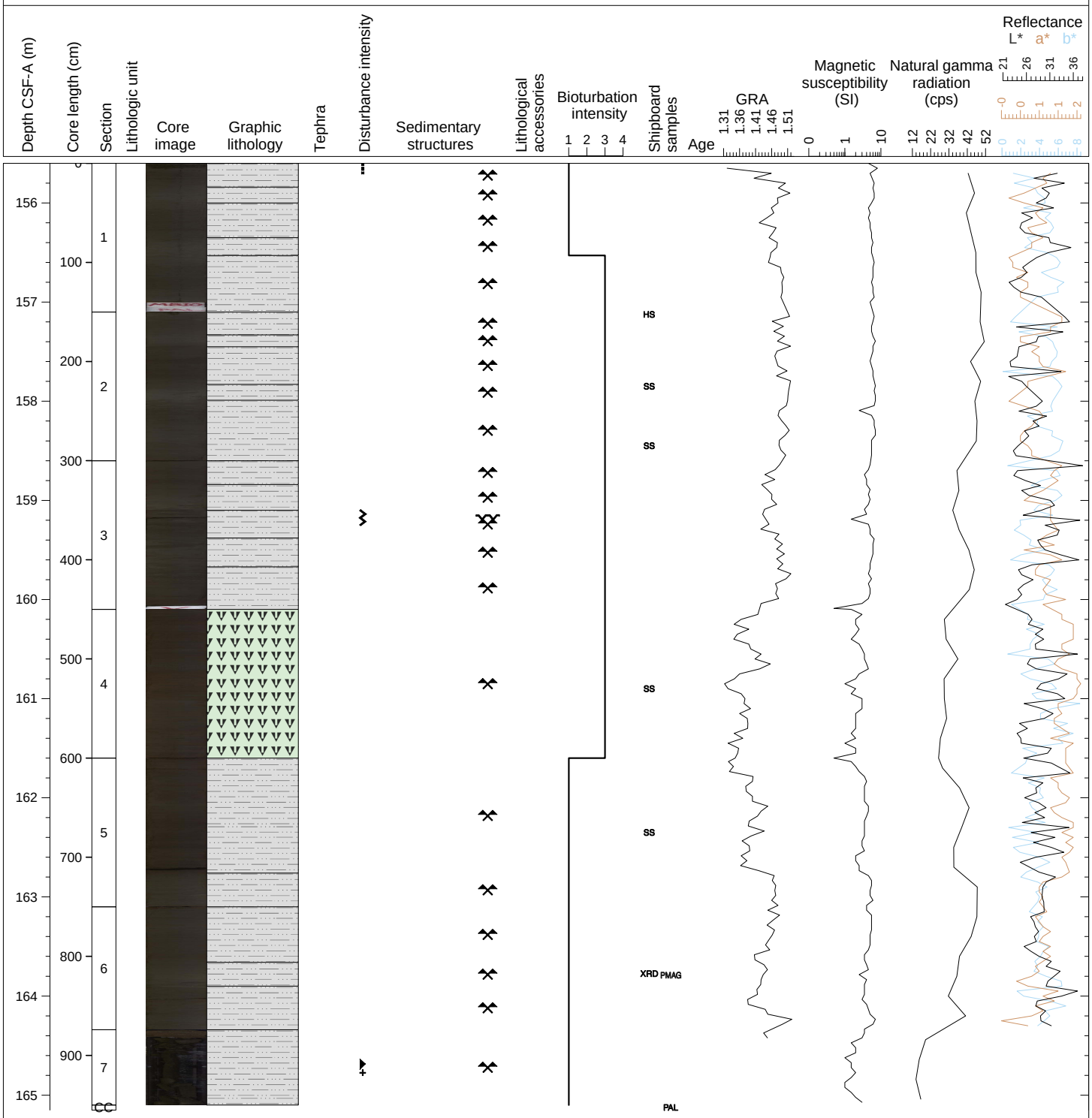
Hole 346-U1430A Core 17H, Interval 146.1-156.01 m (CSF-A)

Dominantly DIATOM-RICH SILTY CLAY (dark gray to very dark gray) with interbedded SILTY CLAY, DIATOM OOZE and DIATOM-RICH SILTY CLAY WITH RADIOLARIANS as minor lithologies. Slight bioturbation throughout with some minor disturbance from gas expansion. Subtle color banding appears to be due to diatom content.



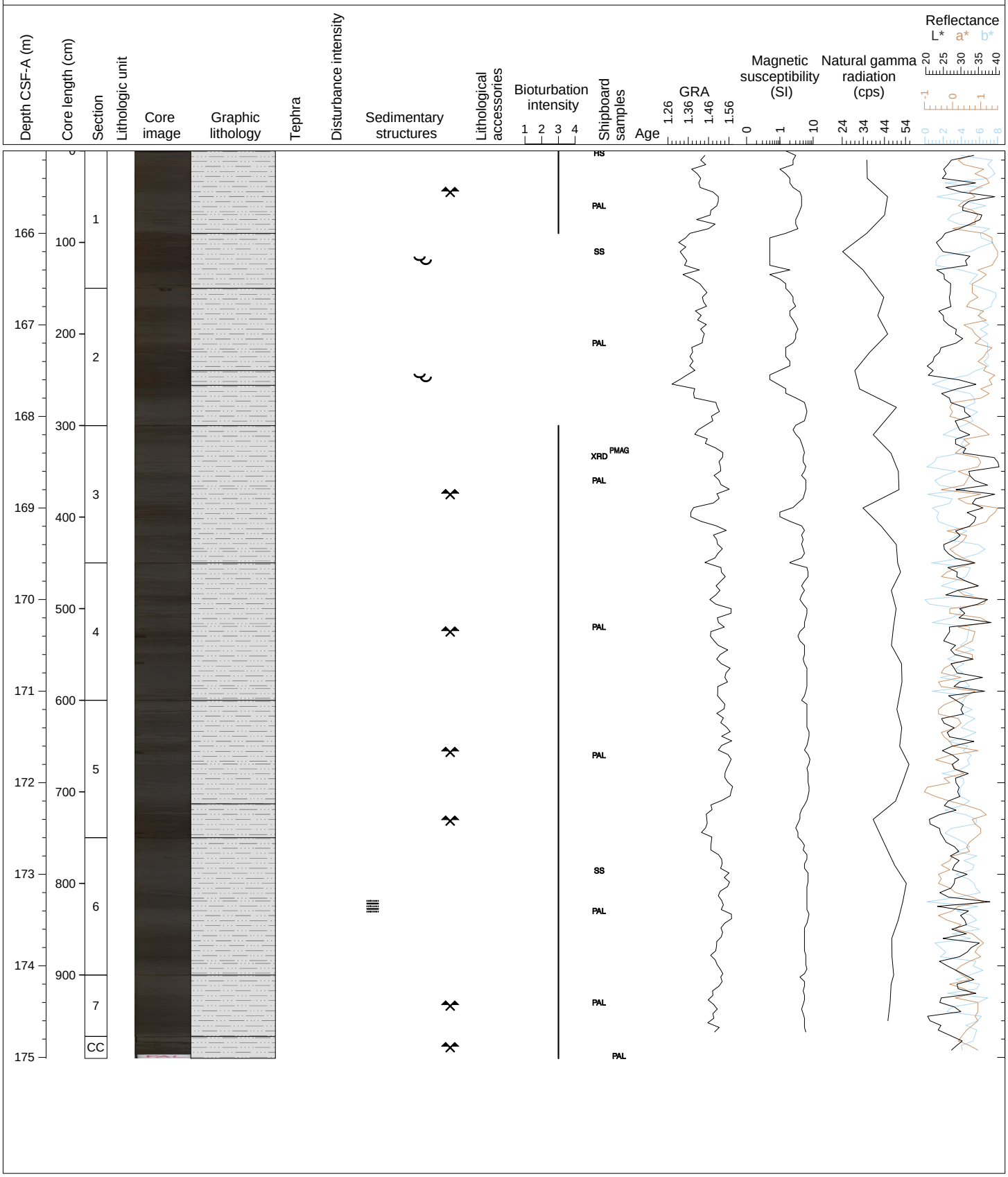
Hole 346-U1430A Core 18H, Interval 155.6-165.15 m (CSF-A)

Interbedded DIATOM RICH-SILTY CLAY (very dark gray) and SILTY CLAY (dark gray), with a DIATOM OOZE (very dark gray) dominating Section 4. Slight to heavy bioturbation throughout with fall-in at top of Section 1 and a 5-cm gas expansion void at the base of Section 3. Section 7 is highly disturbed with original sediment texture largely destroyed. Subtle color banding appears attributable to diatom content.



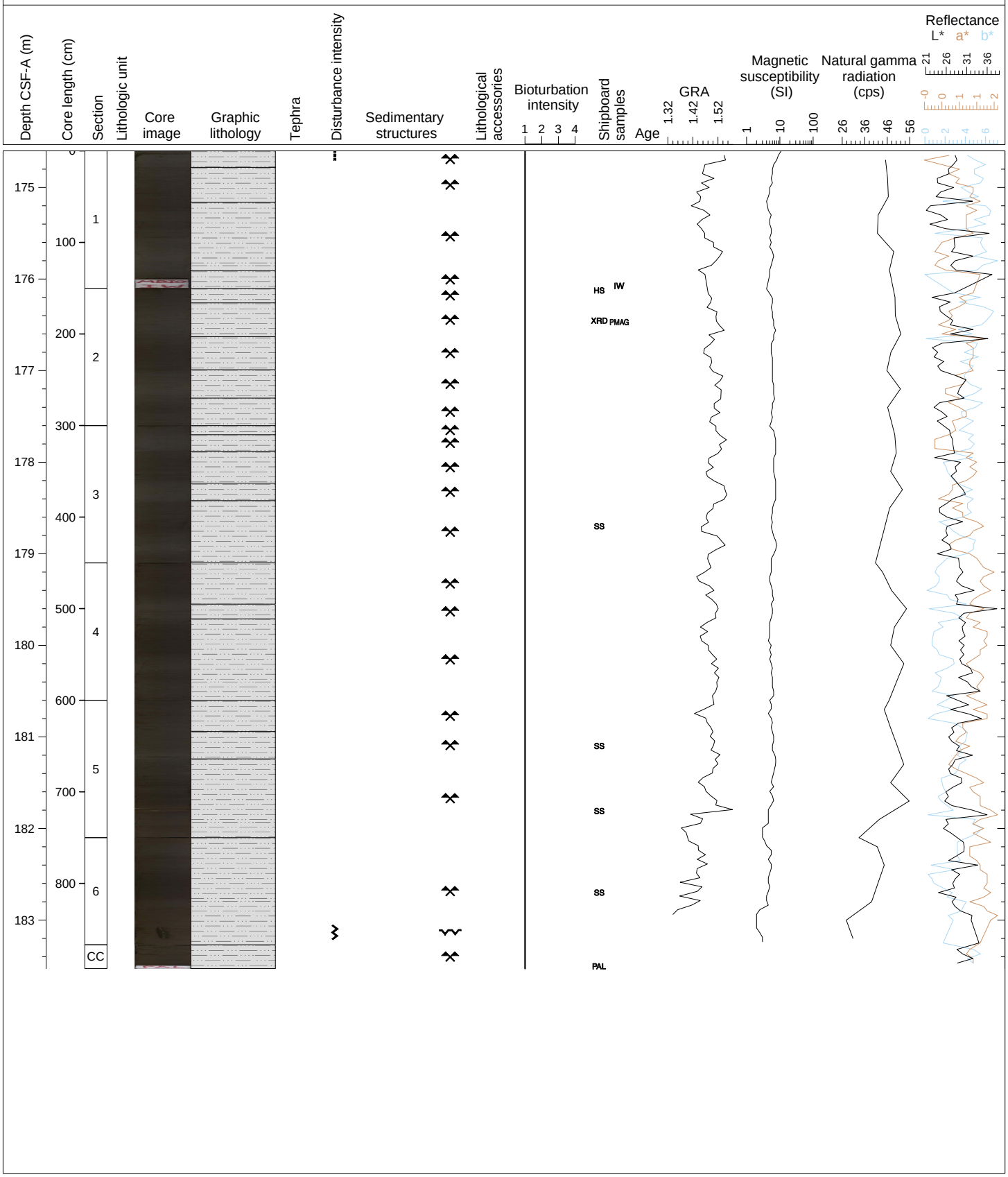
Hole 346-U1430A Core 19H, Interval 165.1-175.01 m (CSF-A)

DIATOM-BEARING SILTY CLAY (dark olive gray to very dark grayish brown) grading below Section 1 to DIATOM-BEARING SILTY CLAY WITH RADIOLARIANS. Bioturbation ranges from slight to heavy and there is minor disturbance from gas expansion. Color banding (light/dark) is subtle but visible on a decimeter scale.



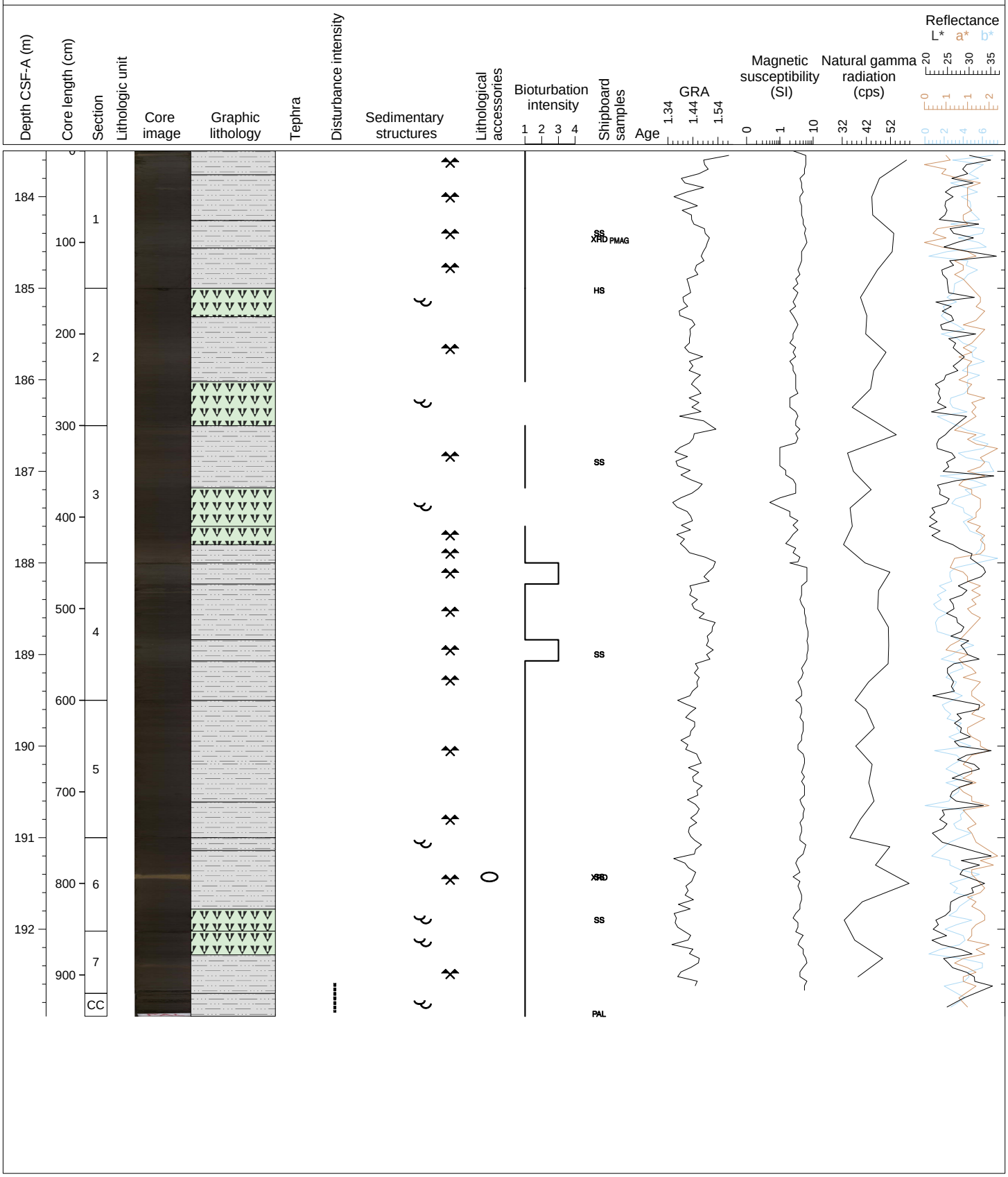
Hole 346-U1430A Core 20H, Interval 174.6-183.53 m (CSF-A)

Interbedded DIATOM-RICH SILTY CLAY (very dark gray) and SILTY CLAY (dark gray), with subtle color banding related to diatom content. Slight bioturbation throughout with minor disturbance from gas expansion. A thin, disseminated vitric TEPHRA layer is preserved in Section 5, 118-119 cm.



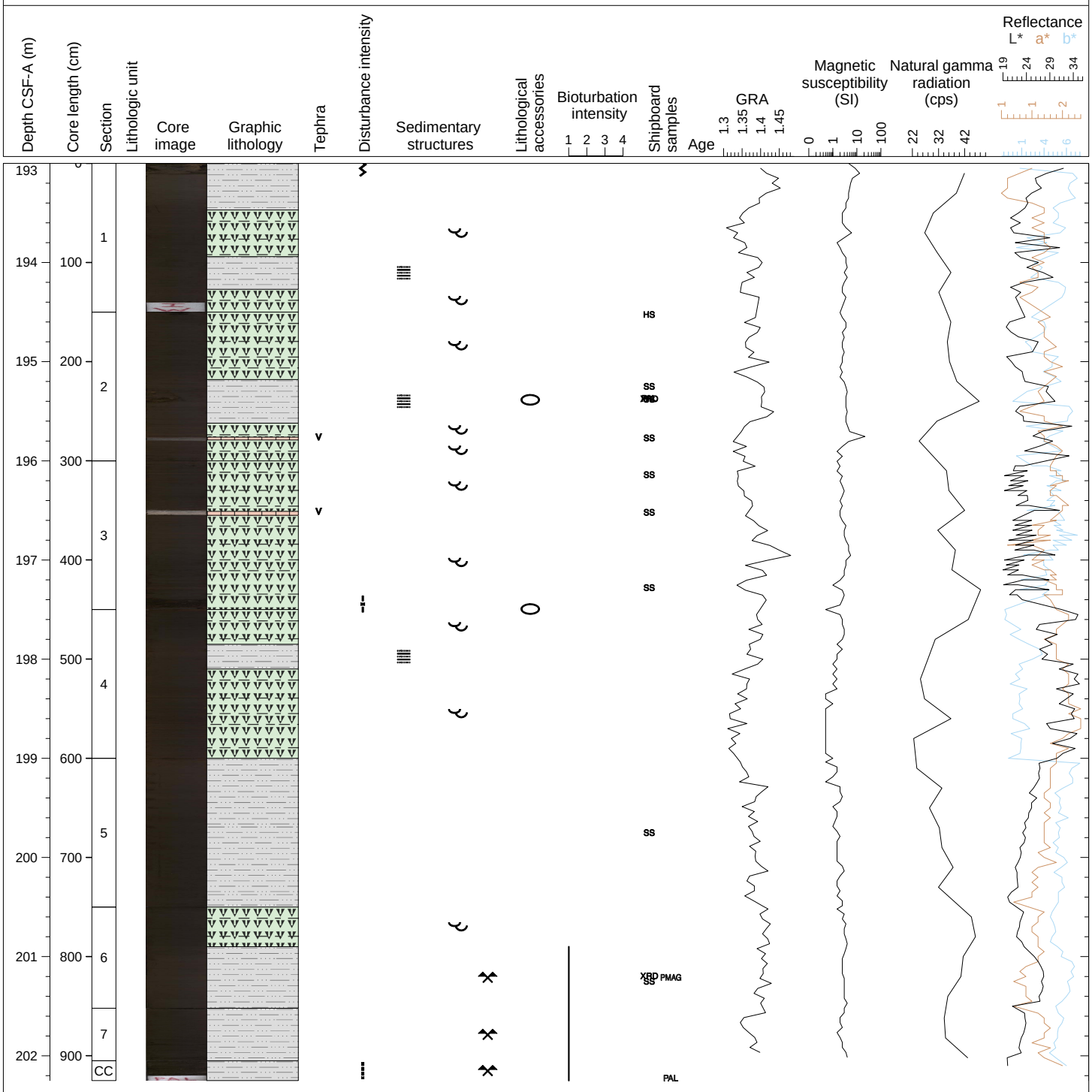
Hole 346-U1430A Core 21H, Interval 183.5-192.95 m (CSF-A)

DIATOM-RICH SILTY CLAY (very dark gray) and SILTY CLAY (dark gray), interbedded, with intervals of DIATOM OOZE in Sections 2, 3, 5, 6, and 7.that are characterized by sub-mm, distinct laminations. Slight to heavy bioturbation throughout. A carbonate concretion is found in Section 6, 41-45 cm.



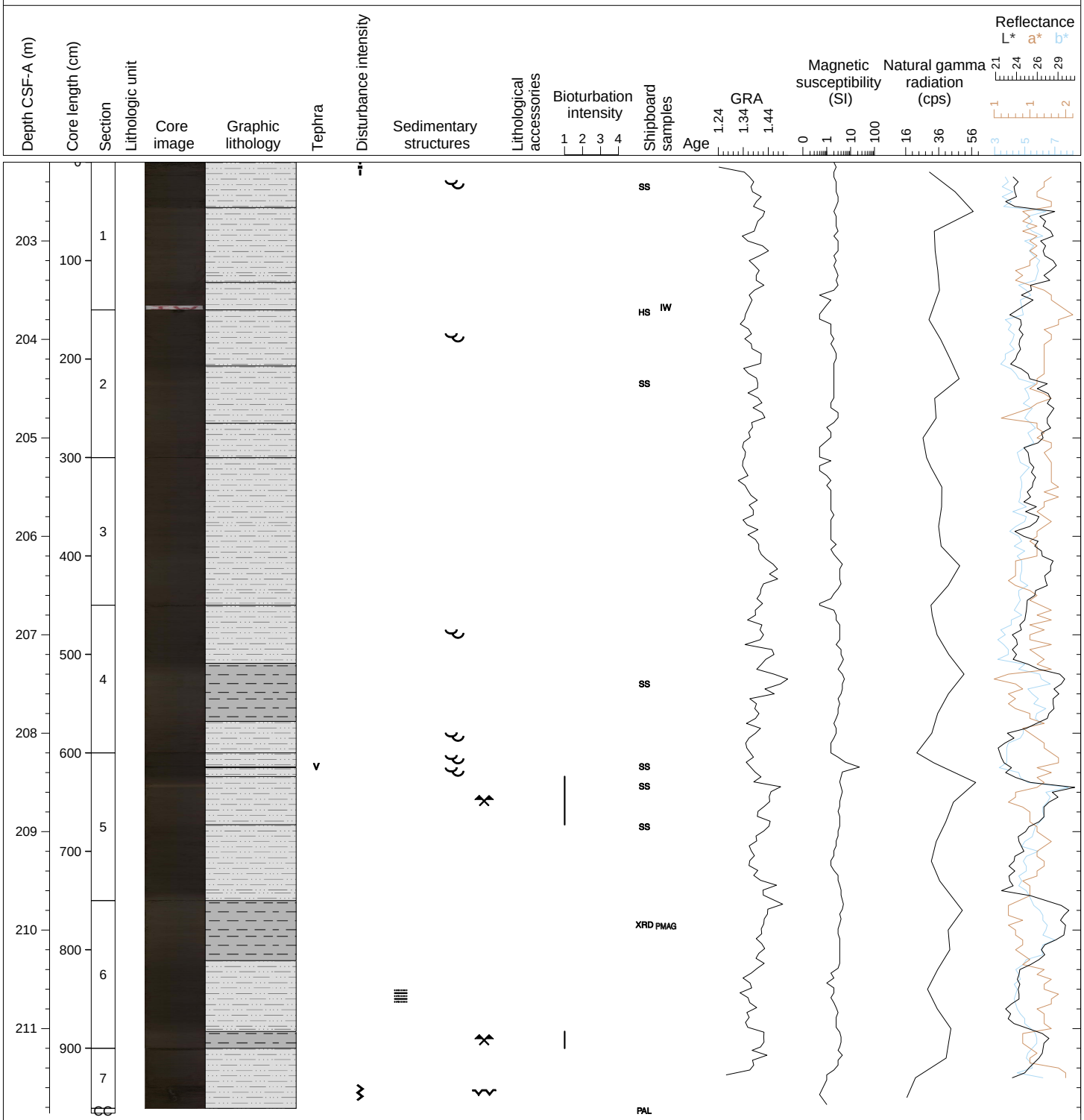
Hole 346-U1430A Core 22H, Interval 193.0-202.25 m (CSF-A)

CLAYEY DIATOM OOZE (very dark gray) and DIATOM-RICH SILTY CLAY (dark olive gray) with very distinct intervals of lamination in Sections 1, 2, 3, and 4. Coarser texture in some intervals comes from minor presence of radiolarians which can be seen with the naked eye. Two TEPHRA layers (vitric type; light gray to gray) are observed in Sections 2 and 3. Carbonate concretions (Mn-Carbonate) are present in Section 2, 86-91 cm, and Section 3, 149-150 cm. Fall-in is present in the top 10 cm of Section 1 and Section 3 is moderately disturbed. Bioturbation is more apparent below Section 6, 40 cm.



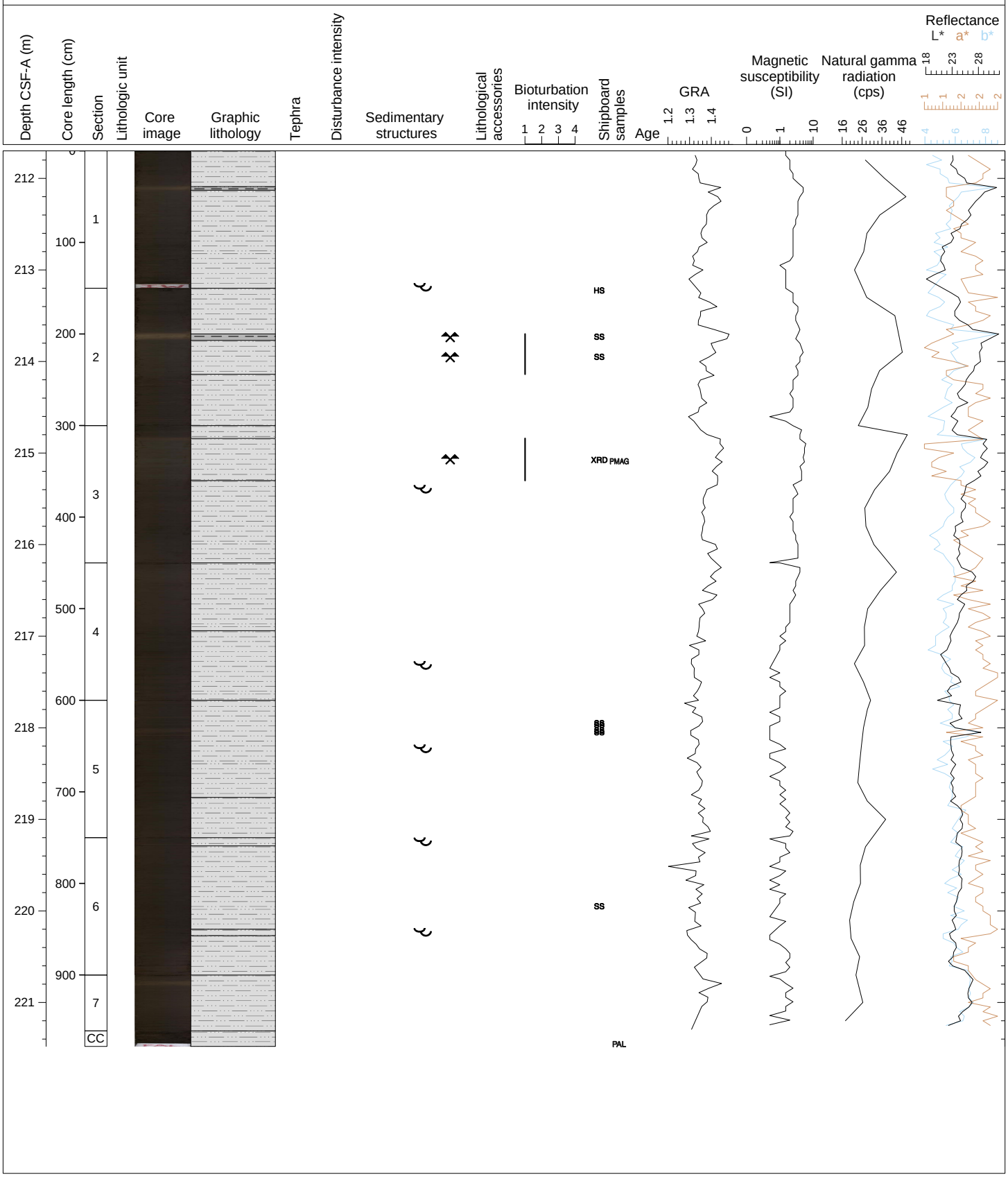
Hole 346-U1430A Core 23H, Interval 202.2-211.86 m (CSF-A)

DIATOM-RICH SILTY CLAY (very dark gray), CLAY WITH DIATOMS (dark gray) and SILTY CLAY (olive gray), interbedded, with distinct intervals of lamination in Sections 1, 3, and 5. A discrete, vitric TEPHRA layer is observed in Section 5, 14-15 cm. Bioturbation is slight to negligible.



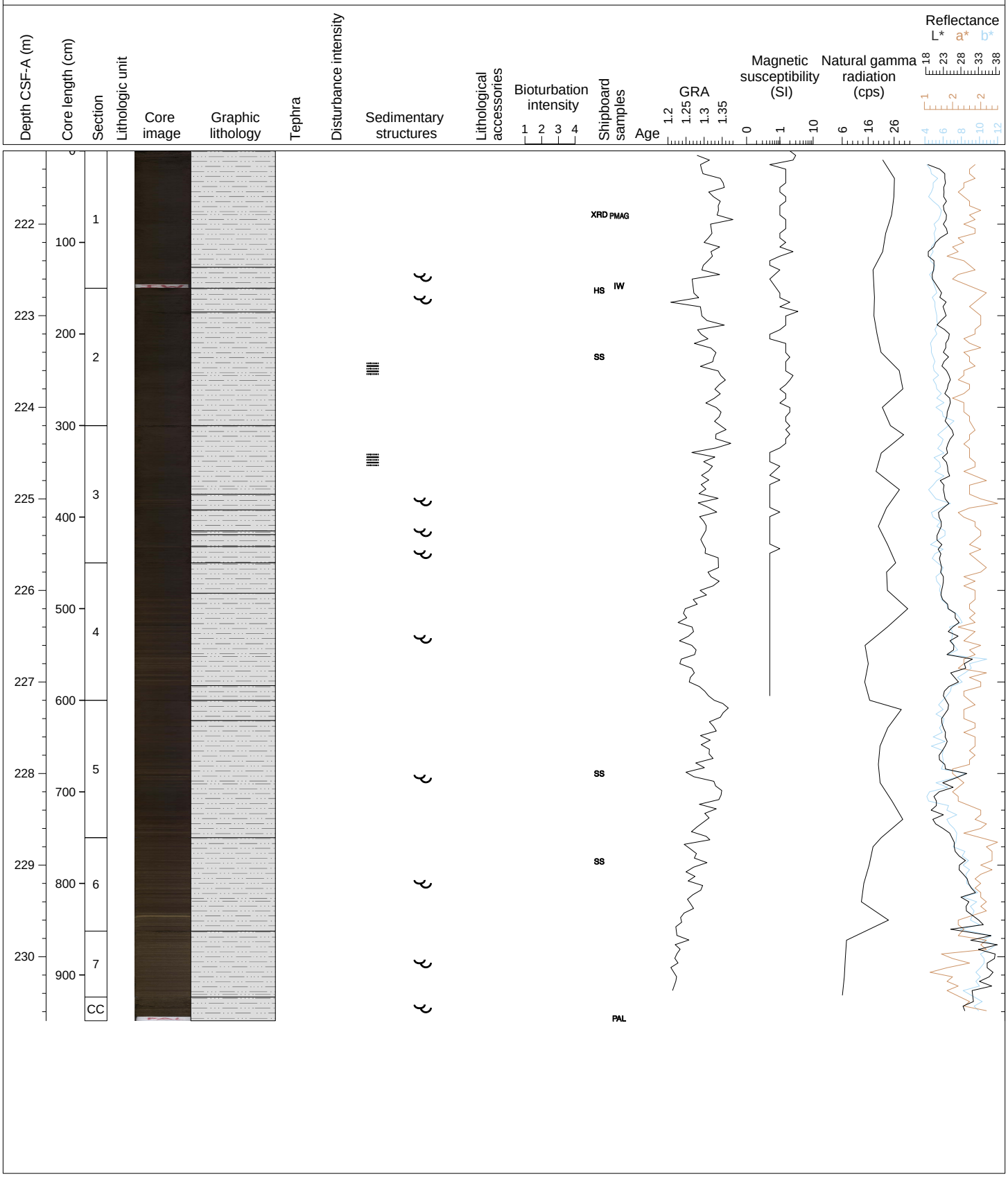
Hole 346-U1430A Core 24H, Interval 211.7-221.48 m (CSF-A)

Dominantly DIATOM-RICH SILTY CLAY (very dark gray), with minor intervals of CLAY (light olive gray) and SILTY CLAY (dark gray). Slight bioturbation most evident in the clay and silty clay intervals. Distinct laminations are present throughout the core in Sections 1, 3, 4, 5 and 6, with paired laminae consisting of alternating light (centric diatom), dark (pennate diatom) and darker (silty clay) layers,



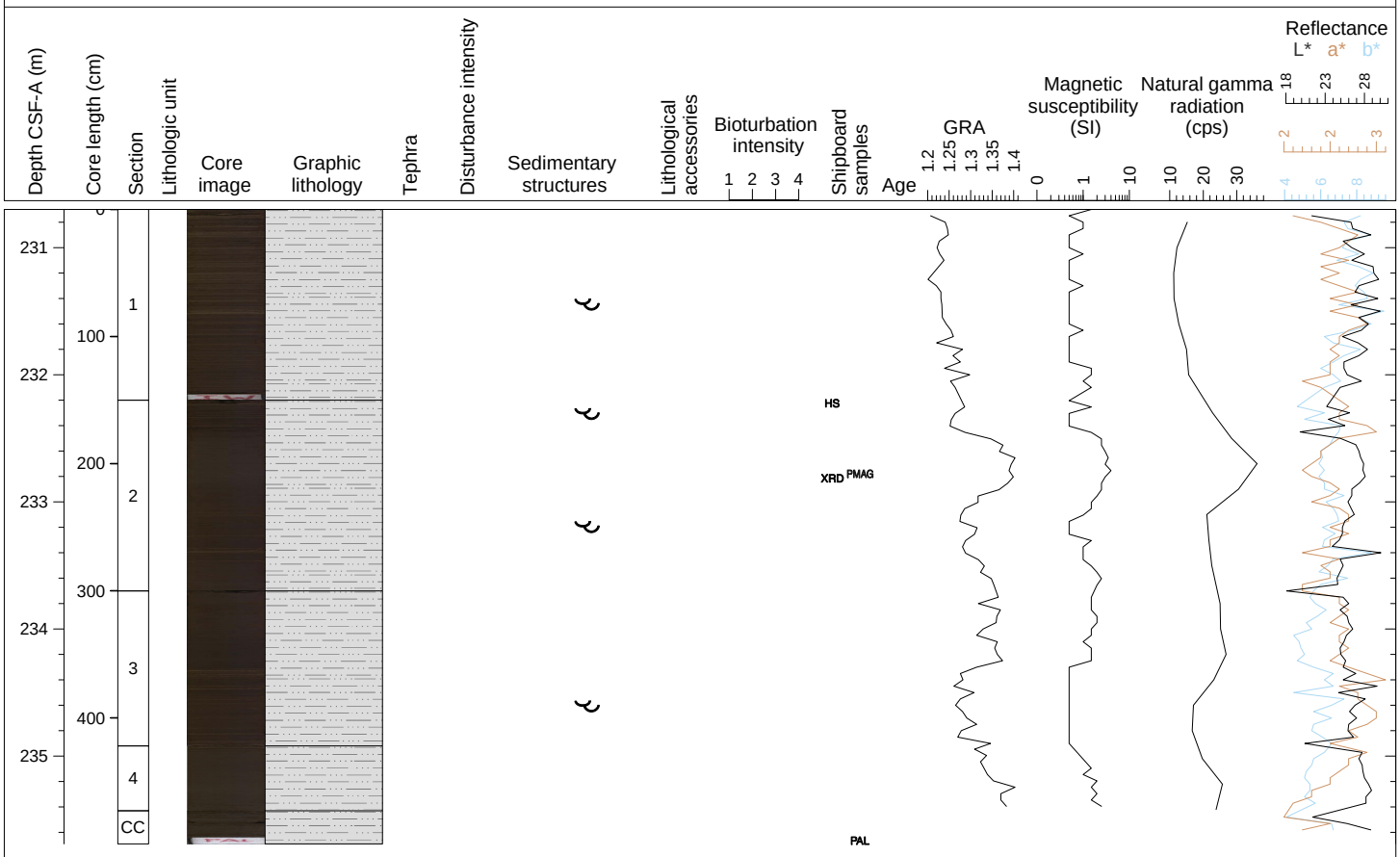
Hole 346-U1430A Core 25H, Interval 221.2-230.7 m (CSF-A)

DIATOM-RICH SILTY CLAY (very dark gray), characterized by pronounced laminated intervals from Section 4 to the base of the core, with shorter laminated sequences in Sections 1, 2, and 3. Non-laminated intervals have a massive appearance but no clear indications of bioturbation.



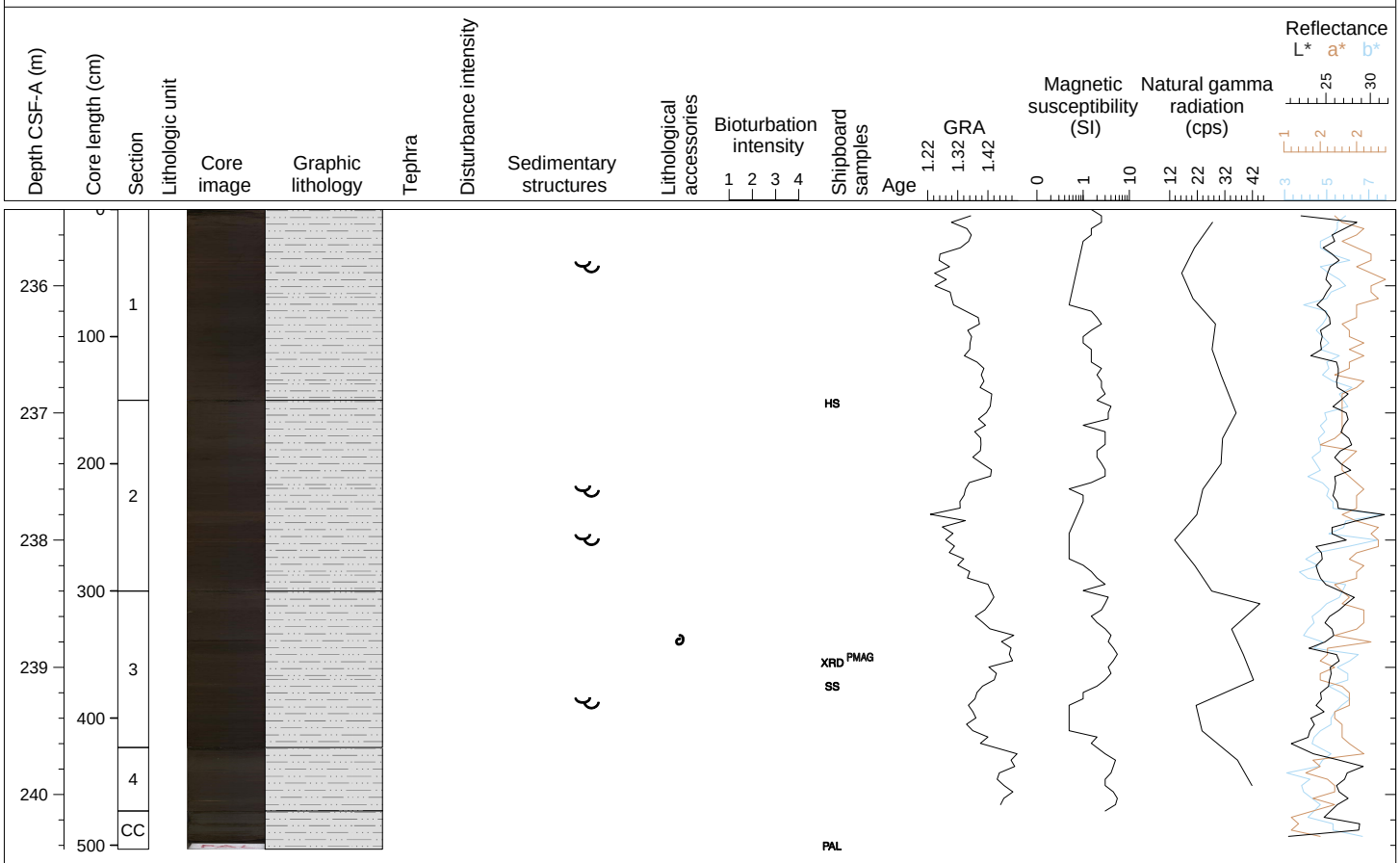
Hole 346-U1430A Core 26H, Interval 230.7-235.69 m (CSF-A)

DIATOM-RICH SILTY CLAY (very dark gray), preserving distinct laminations in Sections 1, 2 and 3; otherwise massive units of diatom-rich silty clay with no visible evidence of bioturbation.



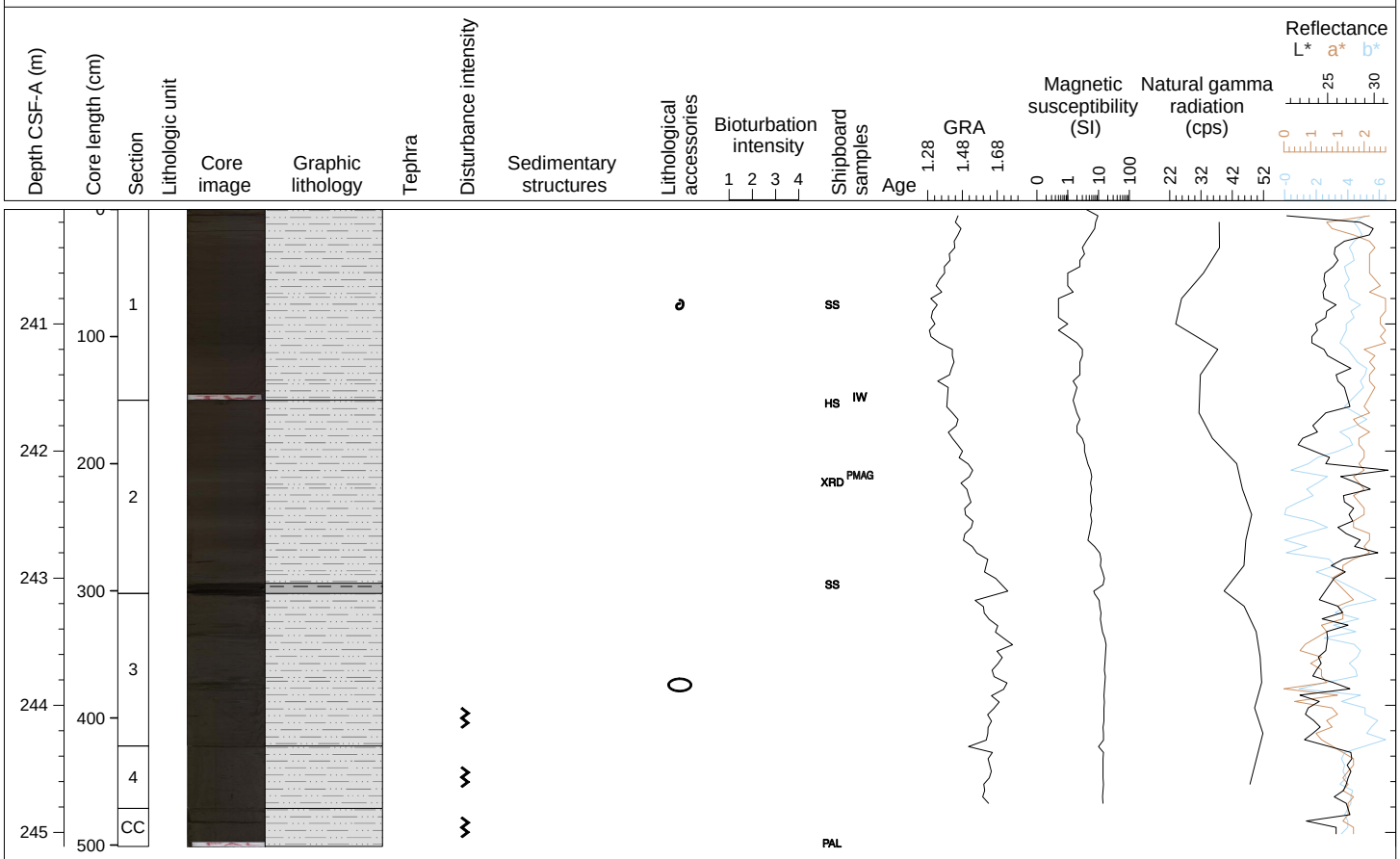
Hole 346-U1430A Core 27H, Interval 235.4-240.43 m (CSF-A)

DIATOM-RICH SILTY CLAY (very dark gray), with laminated intervals in Sections 1, 2 and 3. No tother visible structures.



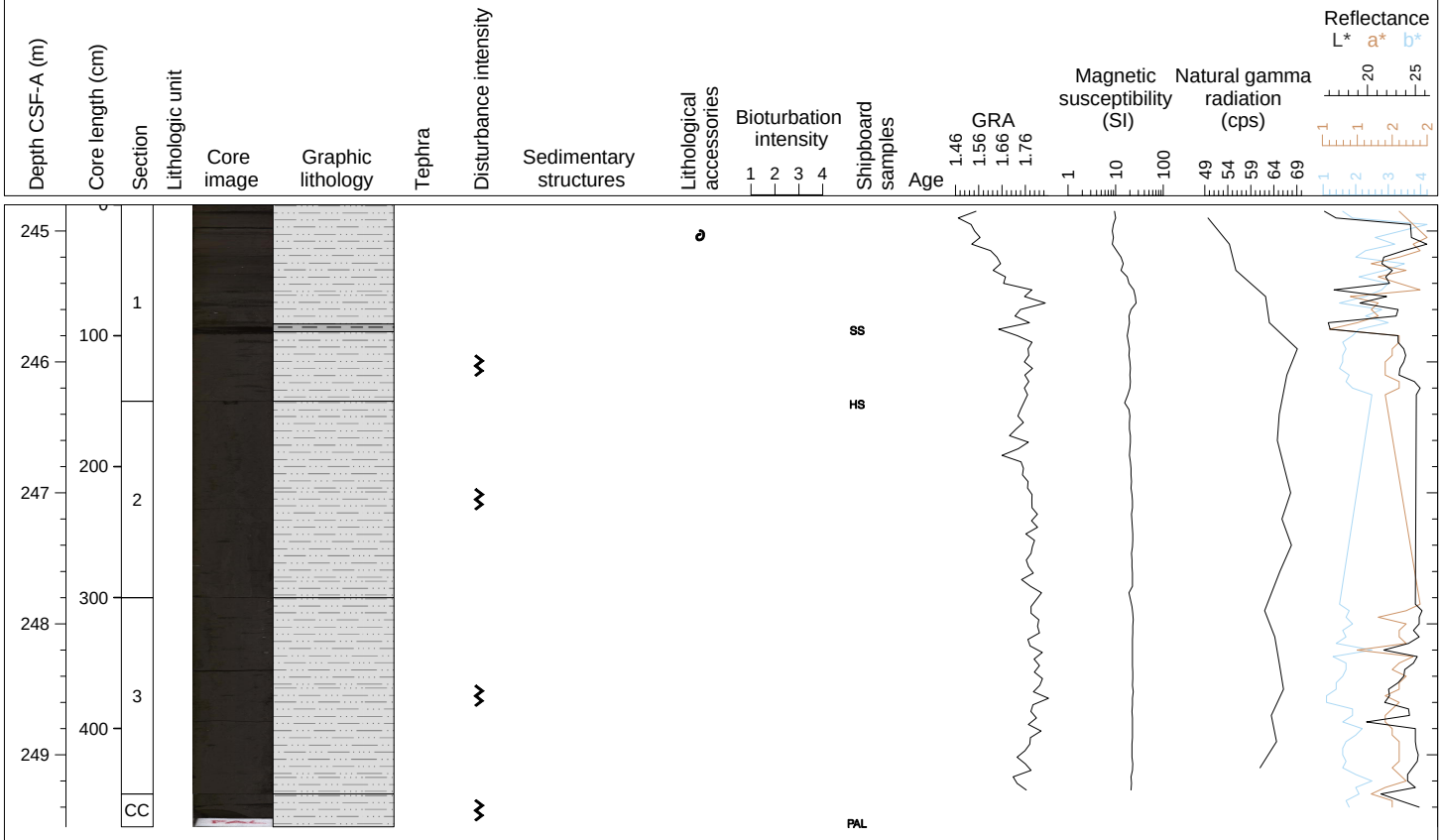
Hole 346-U1430A Core 28H, Interval 240.1-245.11 m (CSF-A)

DIATOM-RICH SILTY CLAY (very dark gray), mostly massive and featureless except for faint laminations in Section 1. A glauconite-rich, well indurated CLAYSTONE is present in Section 2, 144-152 cm, and a diagenetic (carbonate) nodule appears in Section 3, 67-77 cm. Severe drilling disturbance (suck-in) affects Sections 3, 4 and the CC.



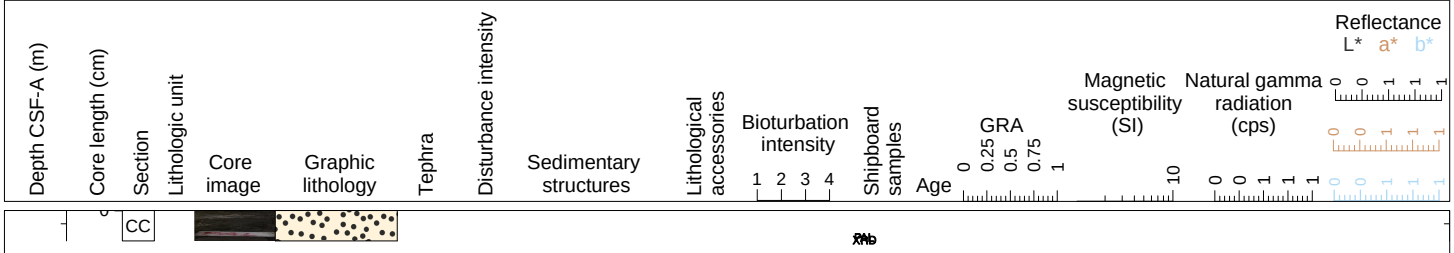
Hole 346-U1430A Core 29H, Interval 244.8-249.55 m (CSF-A)

DIATOM-RICH SILTY CLAY (very dark gray) marked by severe drilling disturbance (suck-in) over the whole core. A well indurated glauconitic CLAYSTONE is observed at Section 1, 91-97 cm, and small wood fragments are found in Section 1, 23-24 cm.



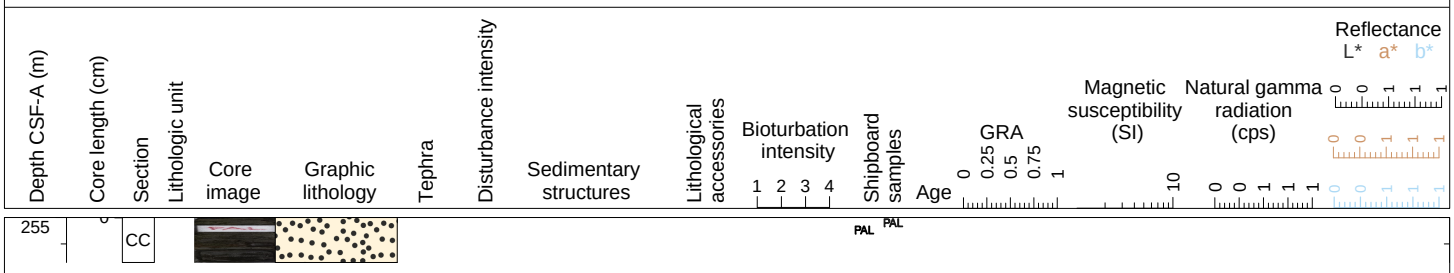
Hole 346-U1430A Core 30X, Interval 249.5-249.73 m (CSF-A)

Glauconite-rich SANDSTONE (very dark olive gray).



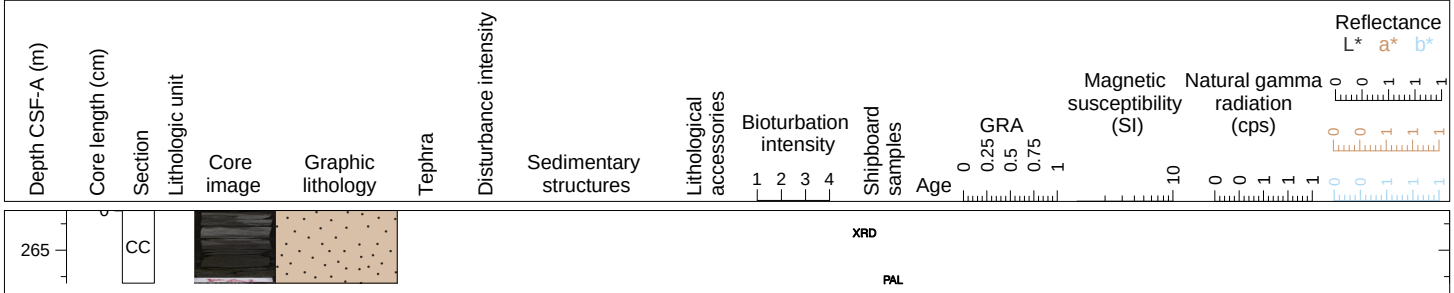
Hole 346-U1430A Core 31X, Interval 255.0-255.34 m (CSF-A)

Glauconite-rich SANDSTONE (very dark olive gray).



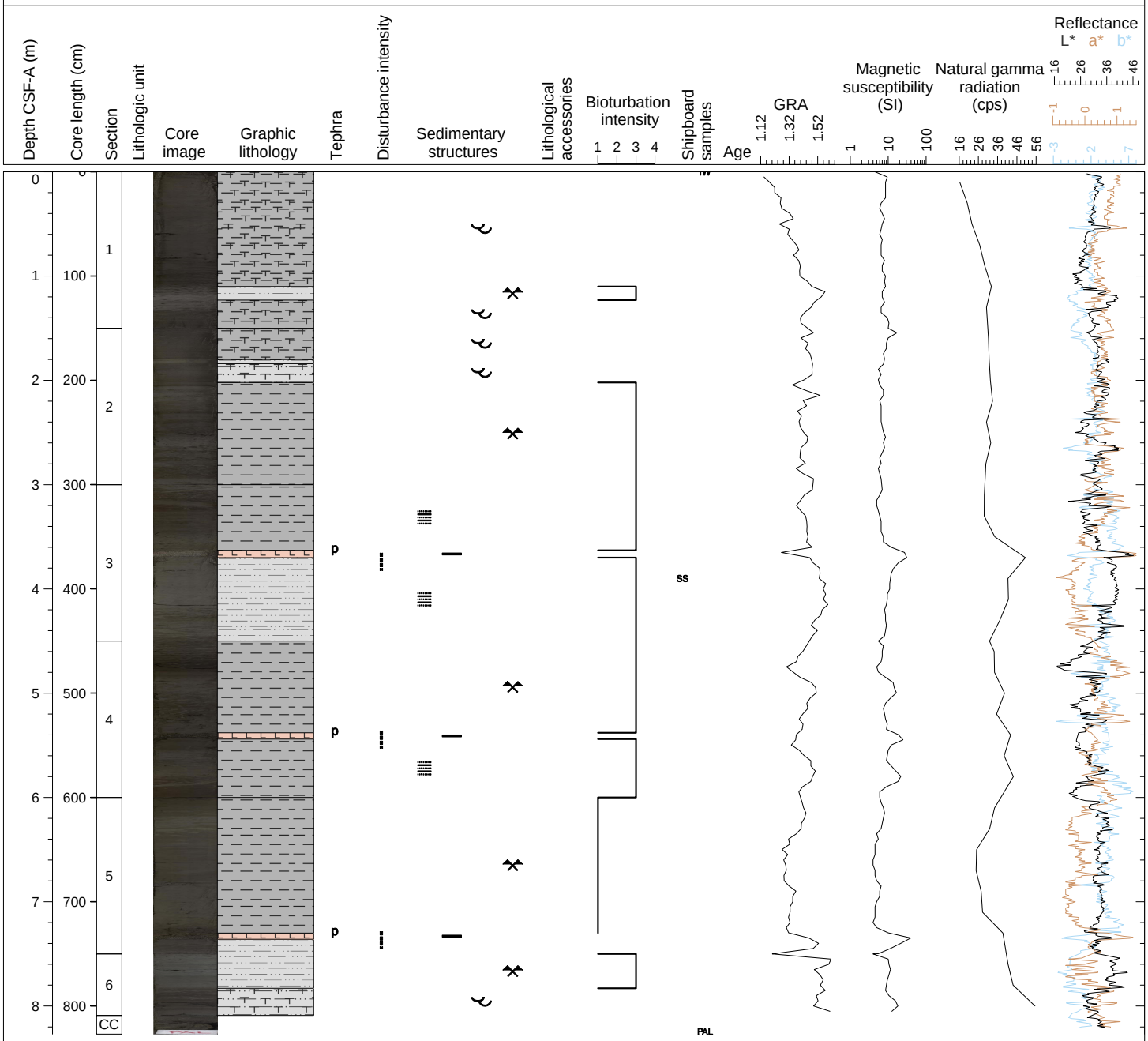
Hole 346-U1430A Core 32X, Interval 264.7-265.25 m (CSF-A)

Glauconite-rich SILTSTONE (dark olive gray).



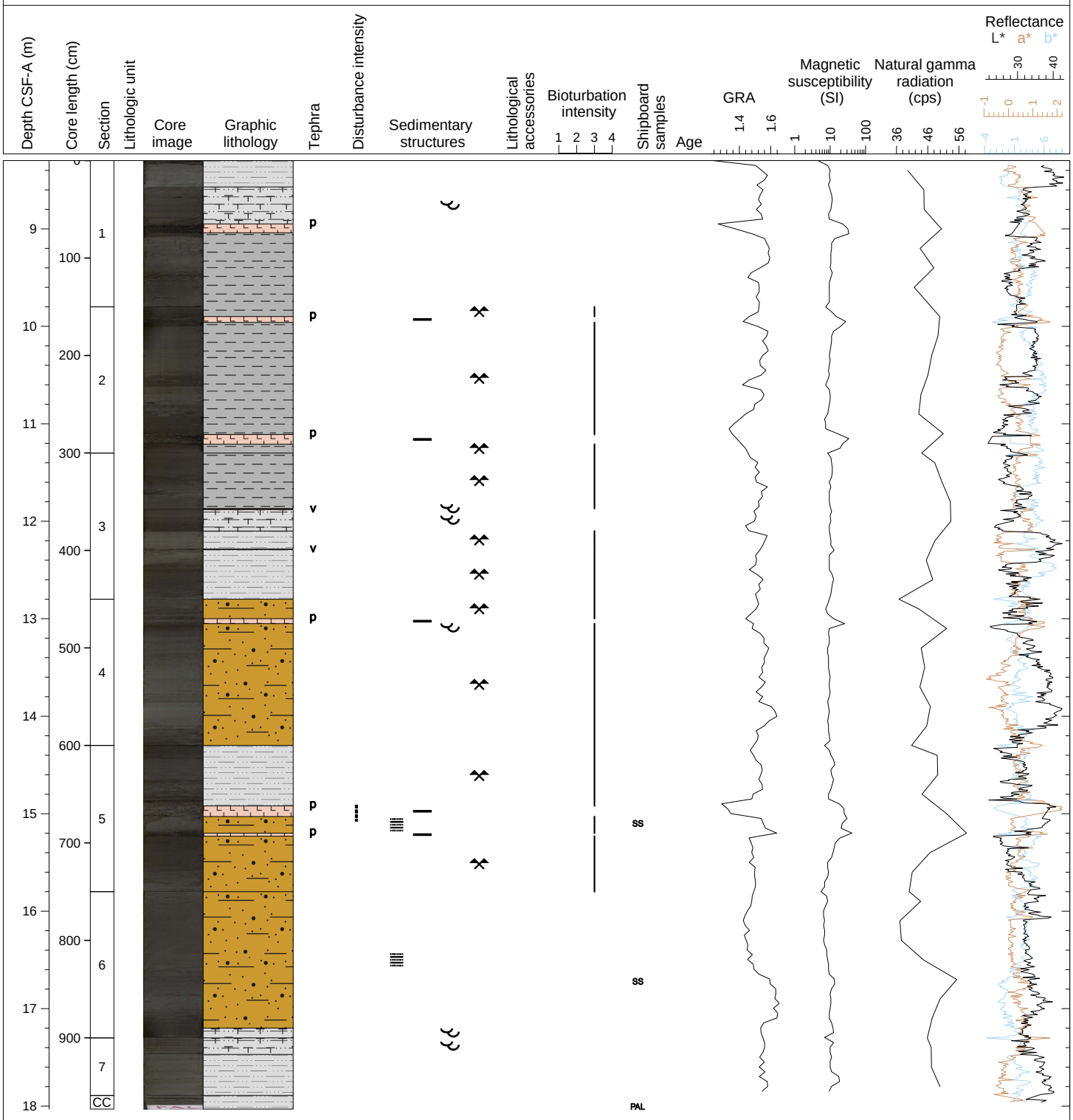
Hole 346-U1430B Core 1H, Interval 0.0-8.27 m (CSF-A)

CLAY (very dark grayish green) interbedded with CALCAREOUS-BEARING SILTY CLAY (light greenish gray) and CLAY WITH FORAMINIFERS (dark olive gray). Heavy bioturbation throughout. Color banding is prominent and fine laminations are visible in intervals that are more foraminifer-rich. Distinct TEPHRA layers (pumiceous type) are present in Section 3, 63-70 cm, Section 4, 88-94 cm, and Section 5, 130-136 cm, with bioturbation mixing the volcaniclastic components upwards into the overlying sediment.



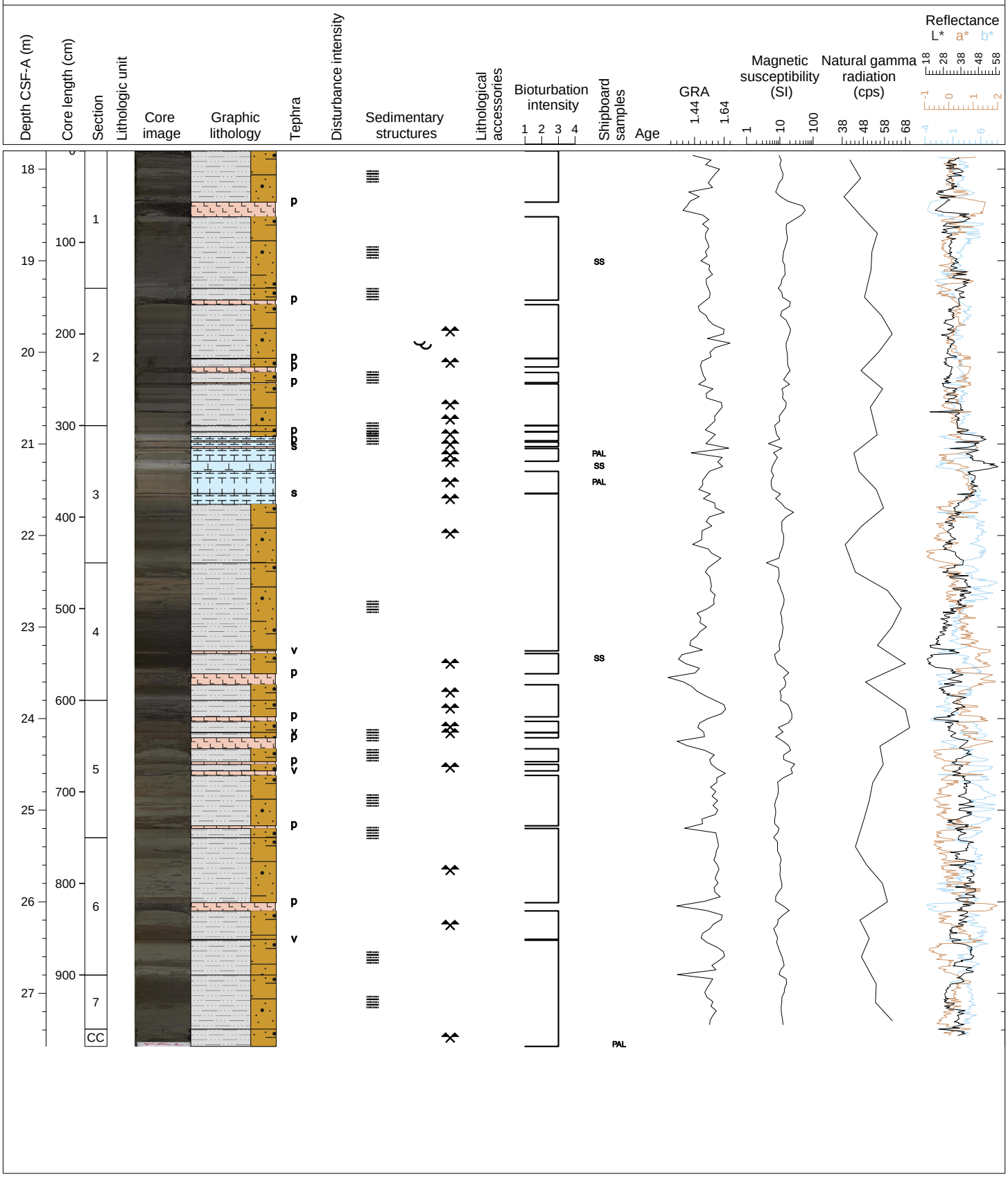
Hole 346-U1430B Core 2H, Interval 8.3-18.03 m (CSF-A)

CLAYEY SILT (greenish gray to dark olive gray), SILTY CLAY (dark olive gray to dark gray), and SILTY CLAY WITH FORAMINIFERS (olive gray), interbedded and showing pronounced color banding on a decimeter-scale. Numerous TEPHRA layers of both vitric and pumiceous type (white, gray and black) are distributed throughout the sequence. Bioturbation is heavy in the darker layers and slight to moderate in the lighter layers. Fine (sub-mm) laminations are preserved at several levels, typically in intervals which have a higher foraminifer content.



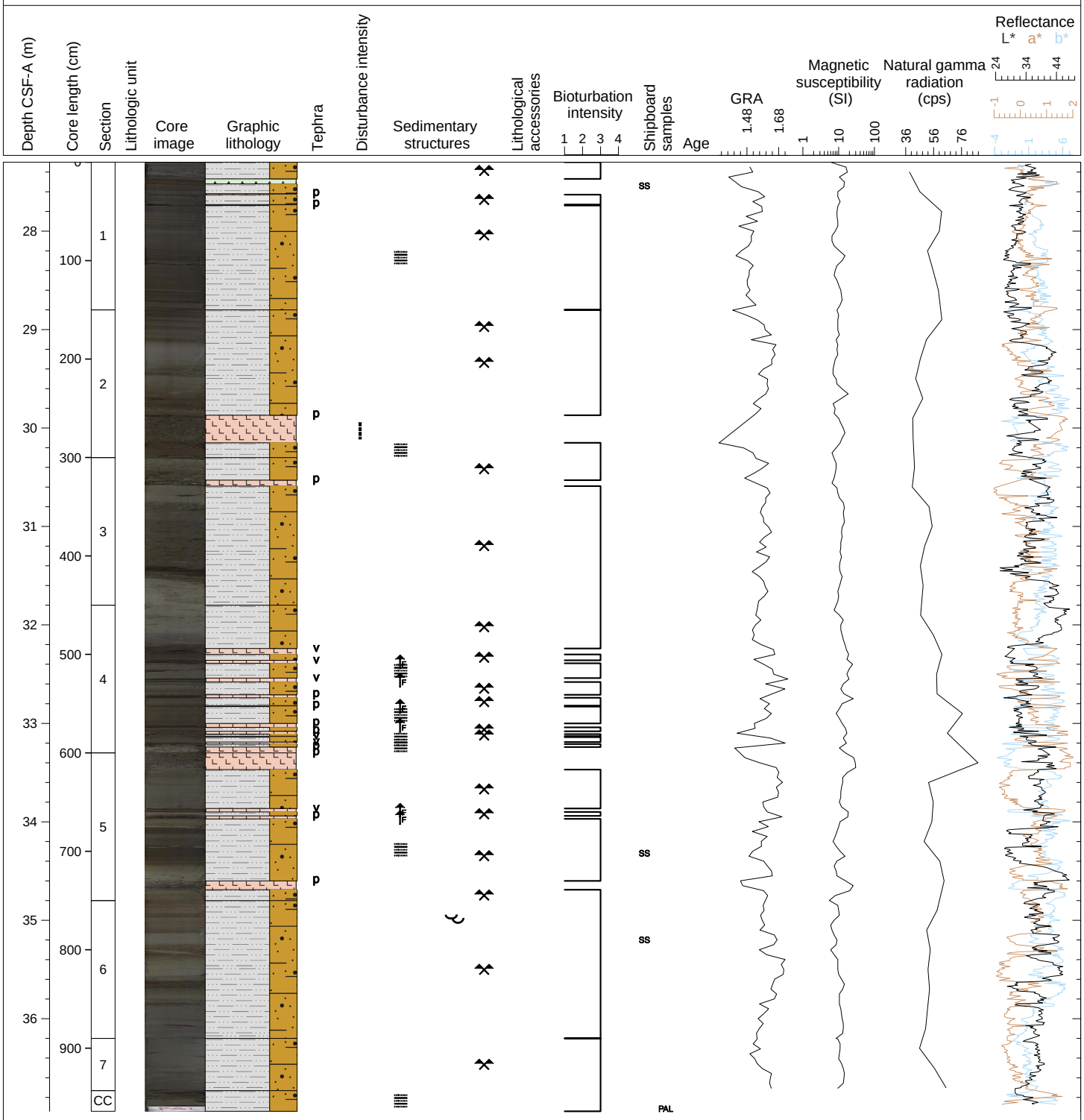
Hole 346-U1430B Core 3H, Interval 17.8-27.58 m (CSF-A)

Mostly SILTY CLAY (greenish gray to dark gray) with interbedded CALCAREOUS OOZE (light greenish gray) and numerous TEPHRA layers (vitric, pumice and scoria) in all sections except Section 7 and the CC. Prominent color banding is visible with numerous laminated intervals that tend to be more foraminifer-rich. Bioturbation is heavy except for the laminated sequences. Slight to moderate disturbance from gas expansion.



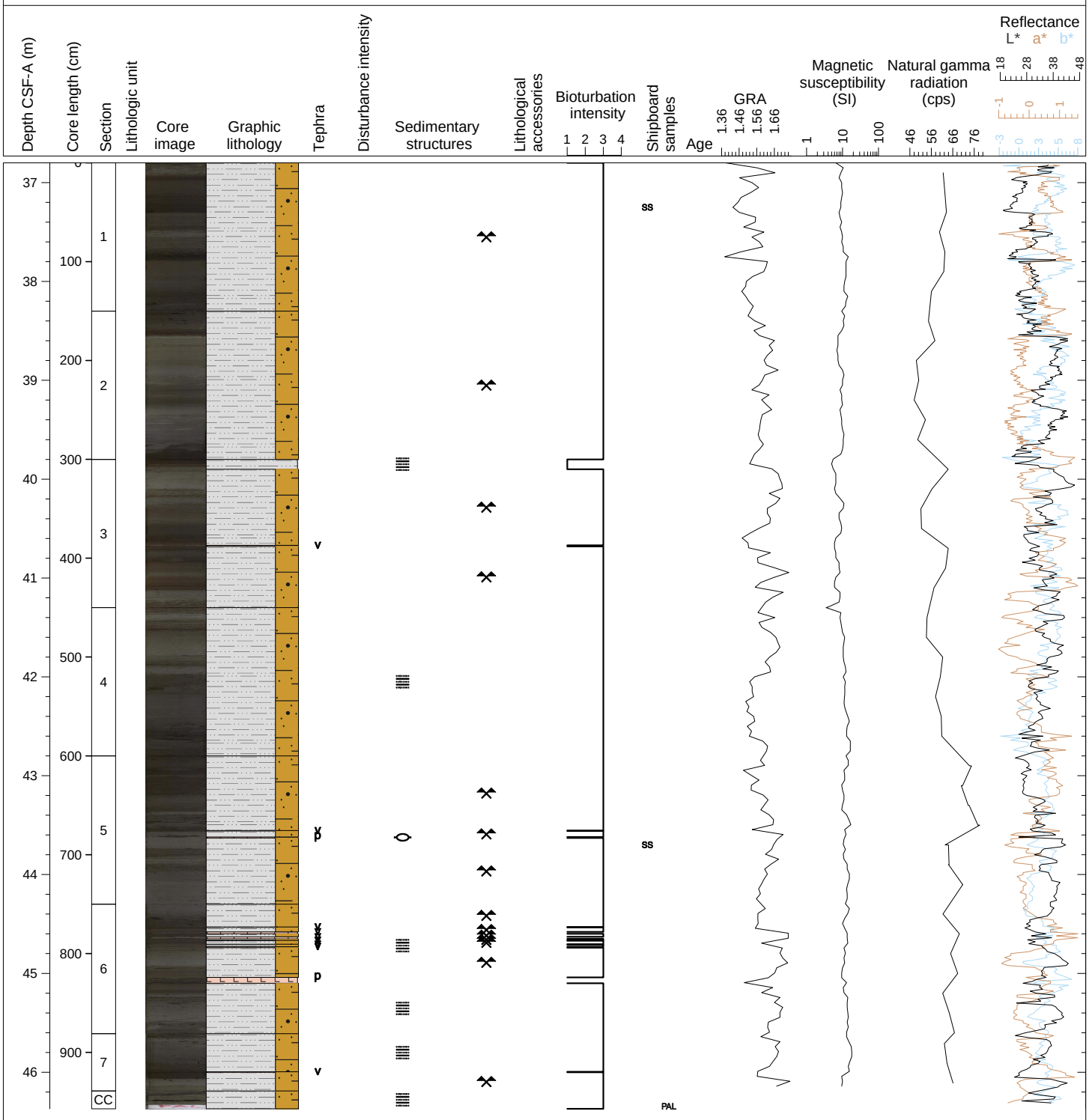
Hole 346-U1430B Core 4H, Interval 27.3-36.94 m (CSF-A)

SILTY CLAY (greenish gray), with FORAMINIFER-RICH SILTY CLAY and BIOSILICEOUS OOZE as very minor lithologies. Color banding (light/dark) is prominent on a decimeter-scale and numerous well laminated intervals that are Foraminifer-rich are present. Approximately twenty distinct TEPHRA layers (pumice, scoria, vitric) are visible, some of them normally graded. Bioturbation is heavy throughout except for laminated portions of the sequence. Minor disturbance from gas expansion.



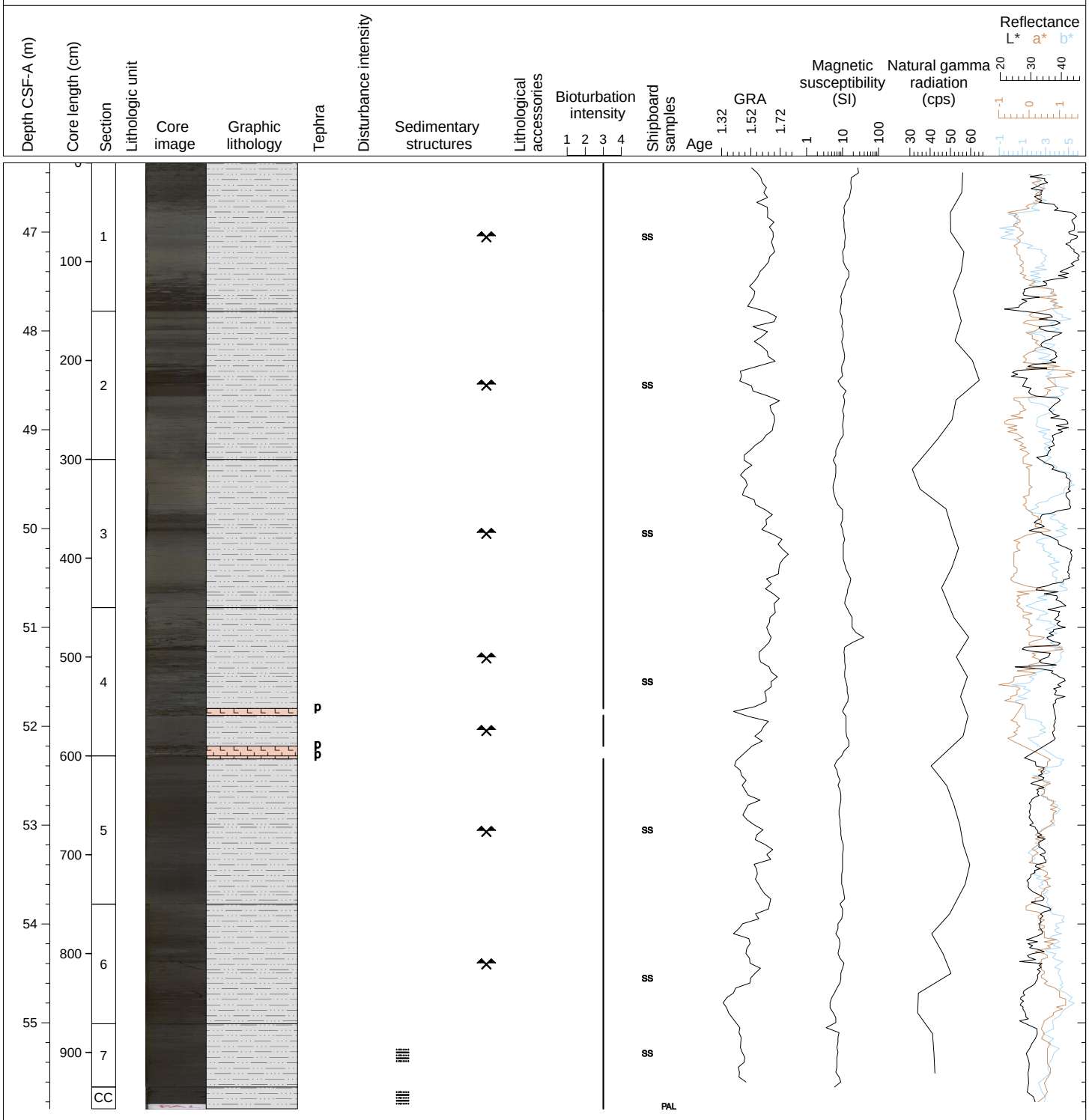
Hole 346-U1430B Core 5H, Interval 36.8-46.37 m (CSF-A)

Dominantly SILTY CLAY (greenish gray to very dark grayish green), with FORAMINIFER-RICH SILTY CLAY as a very minor component. Color banding (light/dark) is prominent on a decimeter-scale and several well laminated intervals that are more Foraminifer-rich are present. Numerous TEPHRA layers (pumiceous and vitric) are visible. Bioturbation is heavy throughout except for laminated portions of the sequence. Minor disturbance from gas expansion.



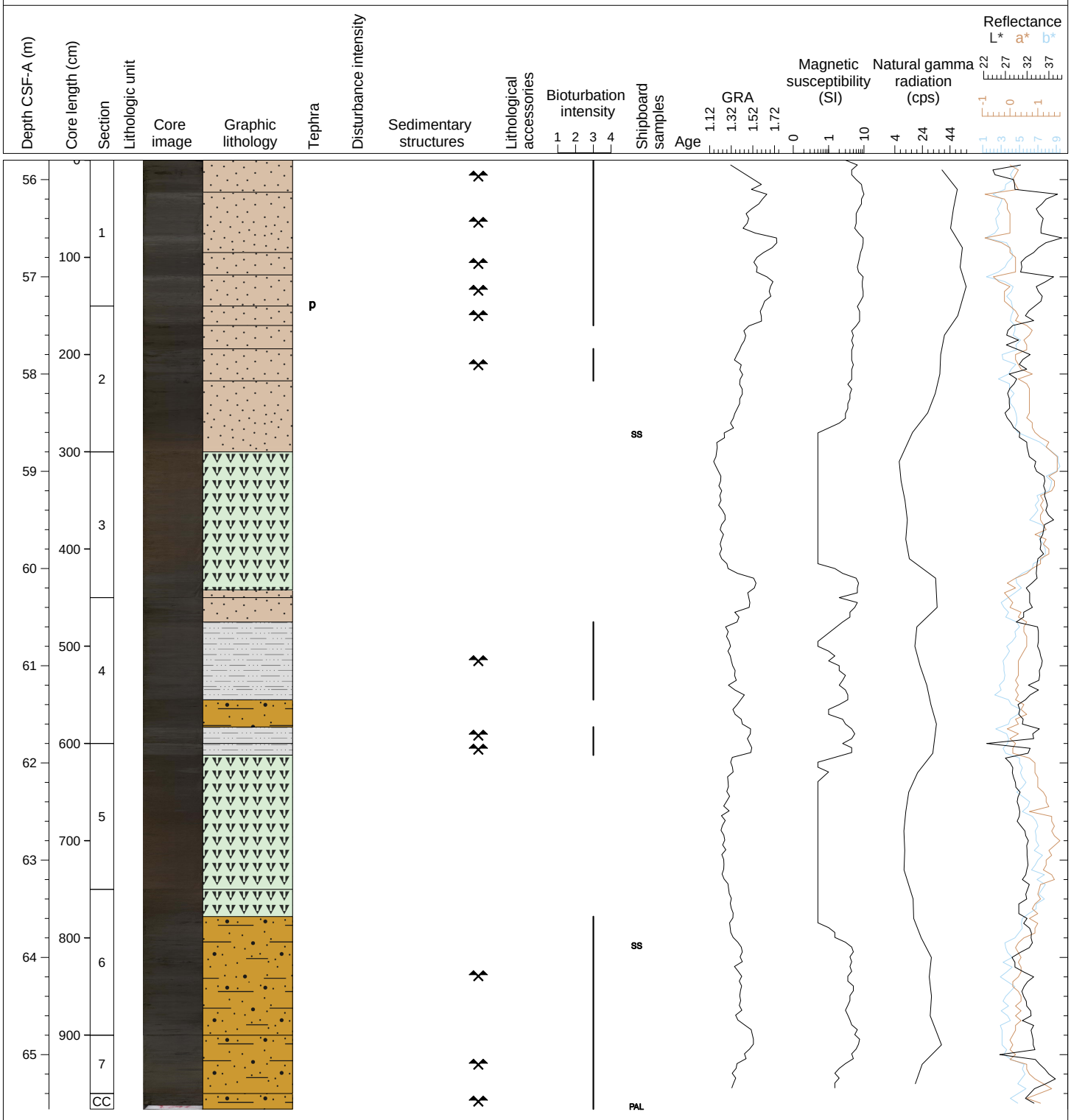
Hole 346-U1430B Core 6H, Interval 46.3-55.87 m (CSF-A)

SILTY CLAY (greenish gray) with increasing presence of DIATOM-RICH SILTY CLAY (very dark grayish green) near base. Distinct decimeter-scale color banding with visble laminations present only in Section 7 and the CC. Three total TEPHRA layers (all pumice) are observed in Sections 4 and 5. Heavy bioturbation throughout with gradual increase in diatom content from Sections 5 to 7.



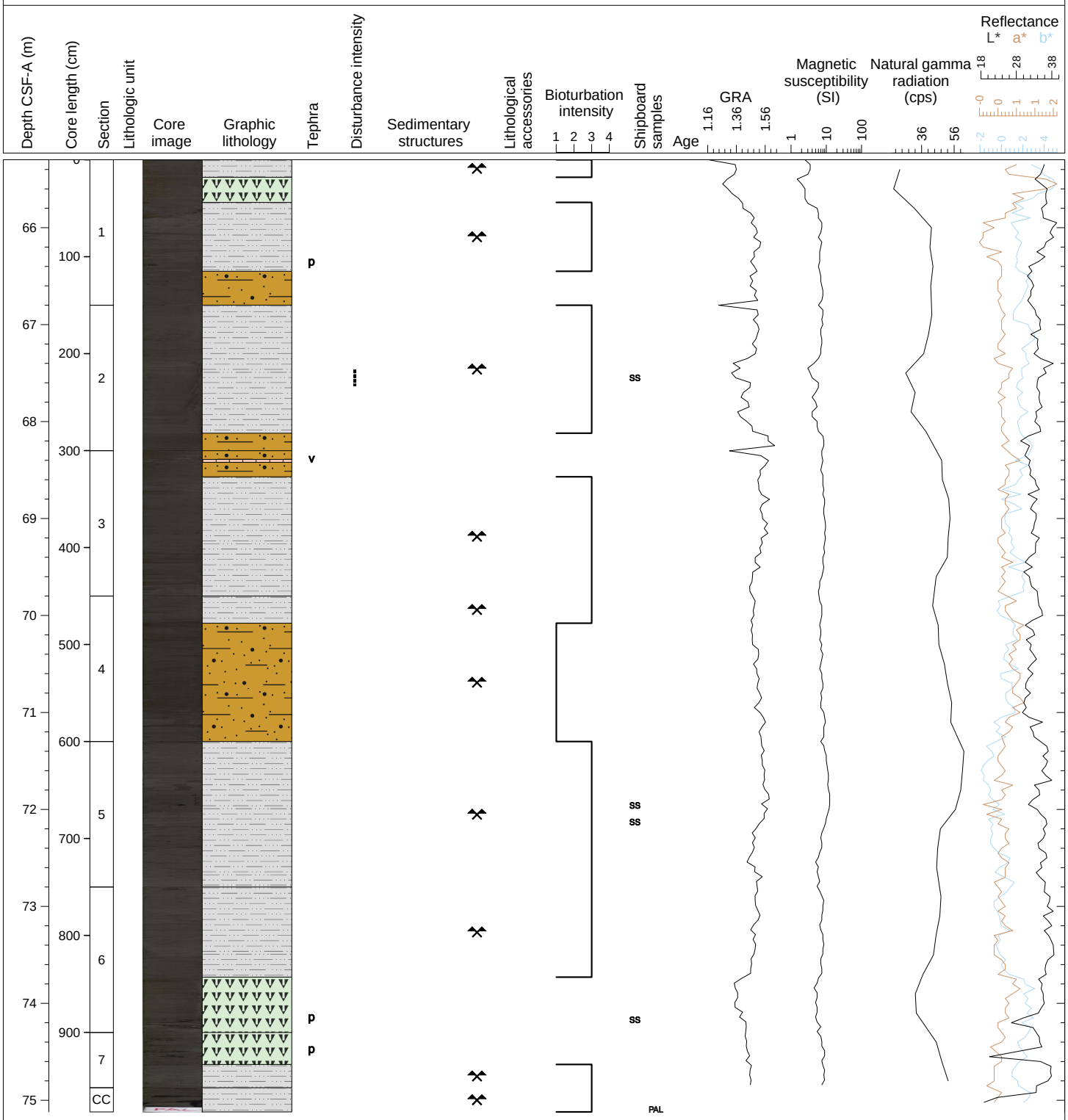
Hole 346-U1430B Core 7H, Interval 55.8-65.56 m (CSF-A)

DIATOM-RICH AND DIATOM-BEARING SILT (very dark greenish gray), DIATOM OOZE (dark olive gray) and CLAYEY SILT (dark greenish gray), interbedded, with subtle color banding and varying bioturbation. TEPHRA (pumice type) is observed to be widely dispersed throughout Sections 2 and 6.



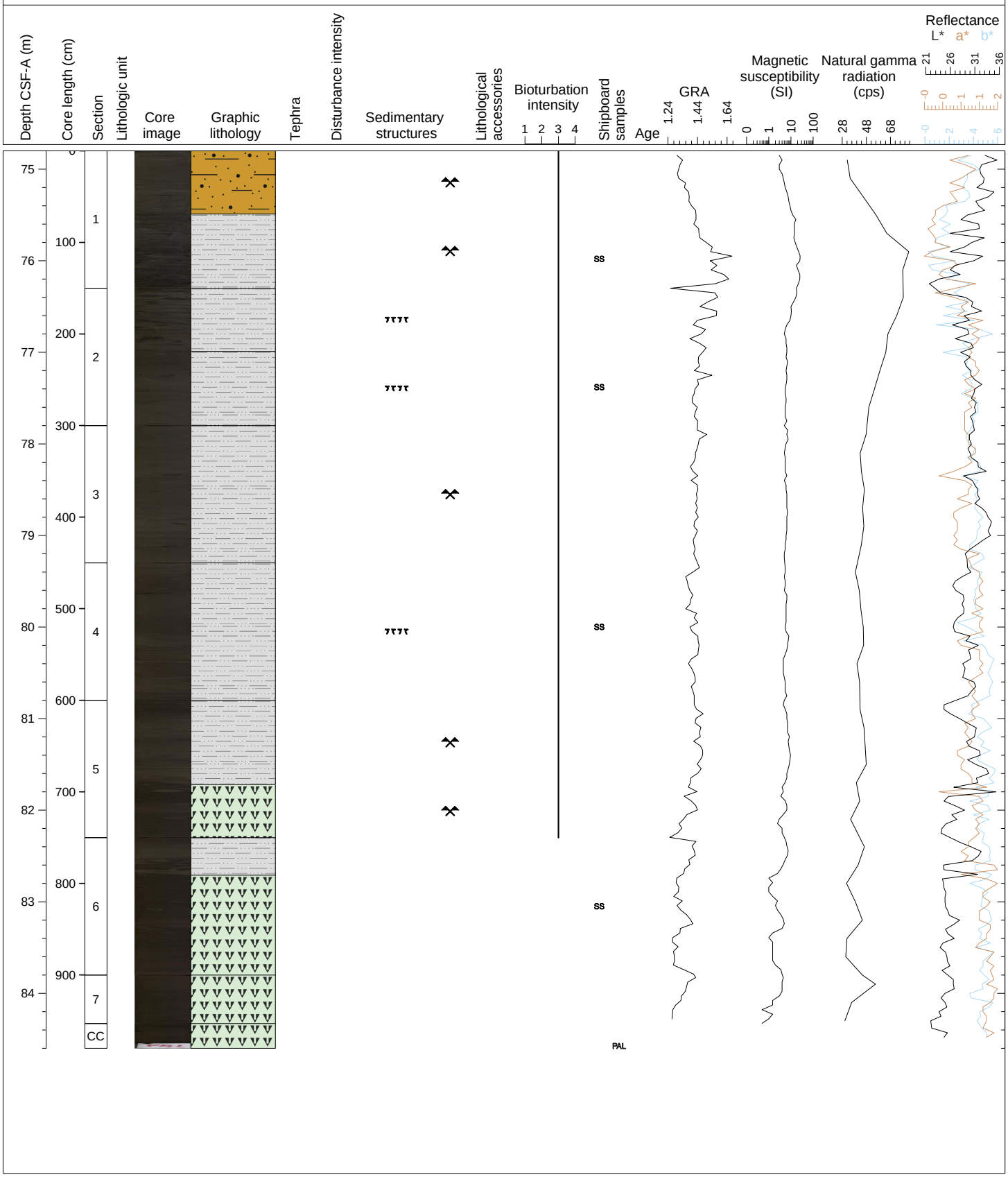
Hole 346-U1430B Core 8H, Interval 65.3-75.12 m (CSF-A)

DIATOM-RICH AND DIATOM-BEARING SILTY CLAY (very dark gray to greenish gray), interbedded, with intervals of DIATOM OOZE (dark olive gray) found in Sections 1, 6 and 7. Sequence shows evidence of heavy bioturbation and mottling, especially in the lighter layers. TEPHRA layers (both vitric and pumiceous) are observed in in Sections 1, 3, 6 and 7.



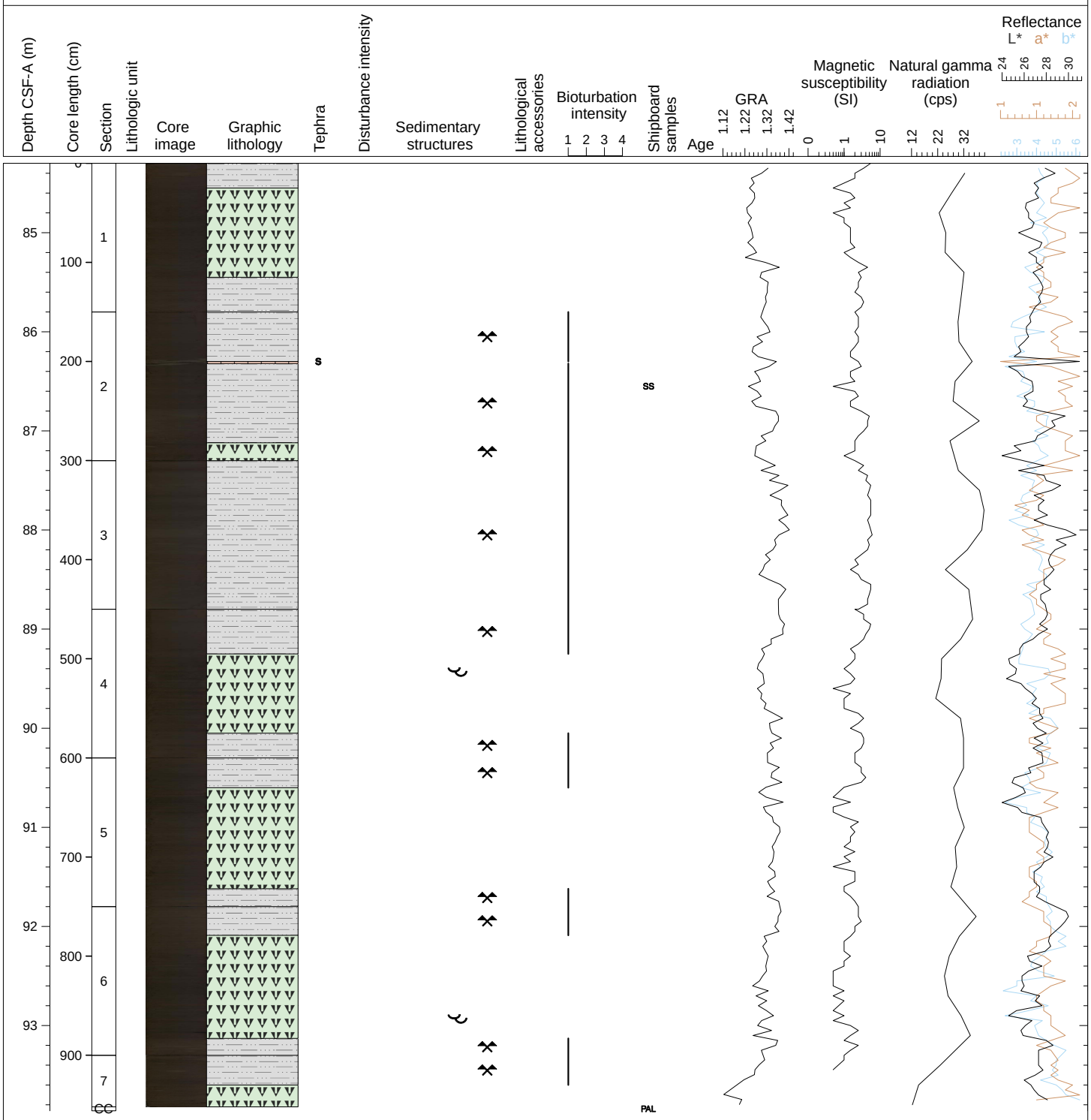
Hole 346-U1430B Core 9H, Interval 74.8-84.6 m (CSF-A)

DIATOM-RICH SILTY CLAY (dark olive gray), DIATOM OOZE (dark olive gray) and VOLCANIC GLASS-RICH SILTY CLAY (greenish gray), with heavy bioturbation that is most apparent in the lighter units. A large quantity of volcanic ash is dispersed in Sections 1 and 2, with clear burrowing evident. Slight to moderate drilling disturbance in Sections 1 to 5.



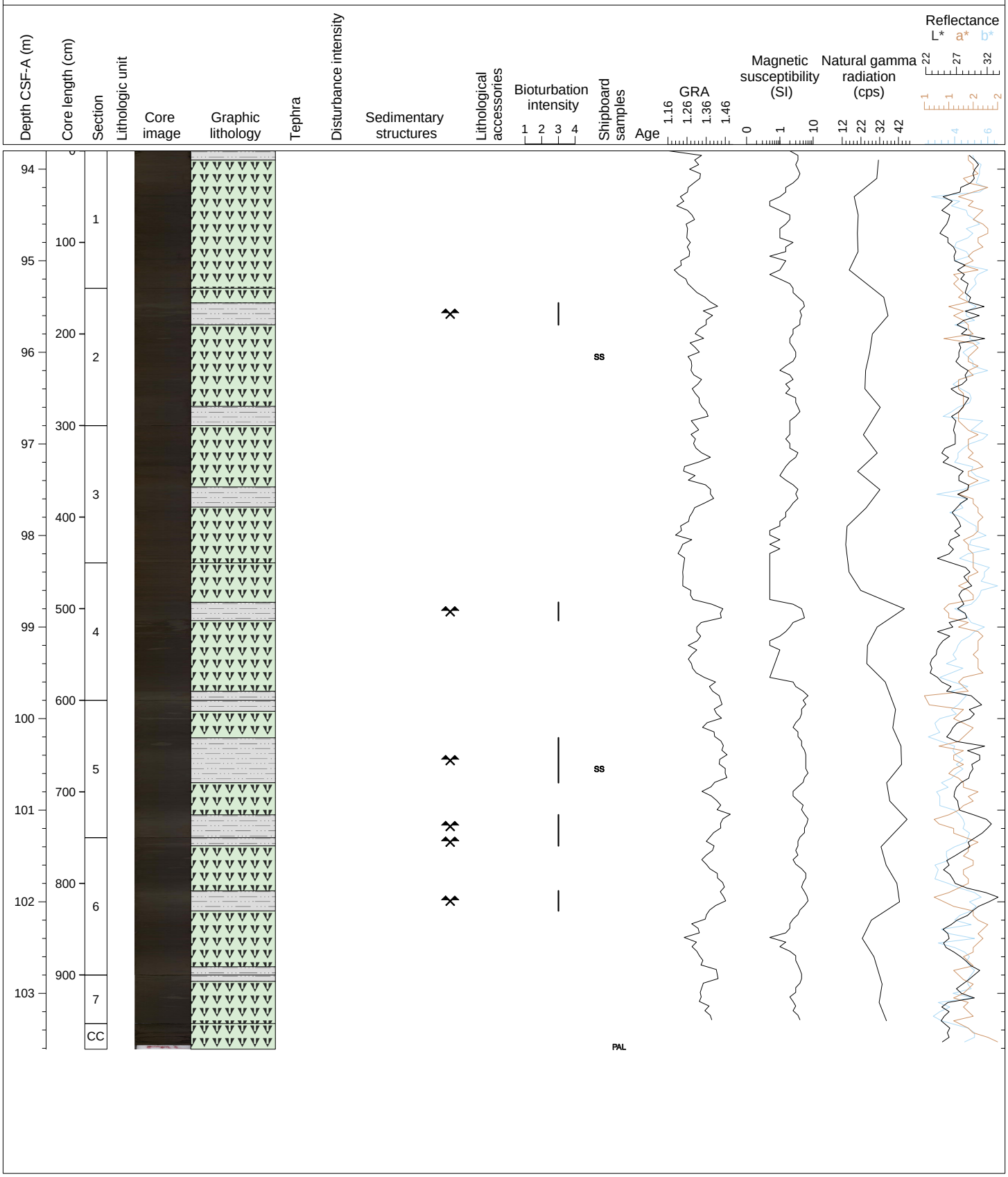
Hole 346-U1430B Core 10H, Interval 84.3-93.86 m (CSF-A)

Interbedded DIATOM OOZE (olive gray) and DIATOM-RICH SILTY CLAY (olive gray), with slight to moderate bioturbation. Intervals showing faint laminations are visible in Sections 4 and 6. A distinct, gray TEPHRA layer (scoriaceous type) is found in Section 2, 50-52 cm. Slight to moderate disturbance from gas expansion affects much of the core.



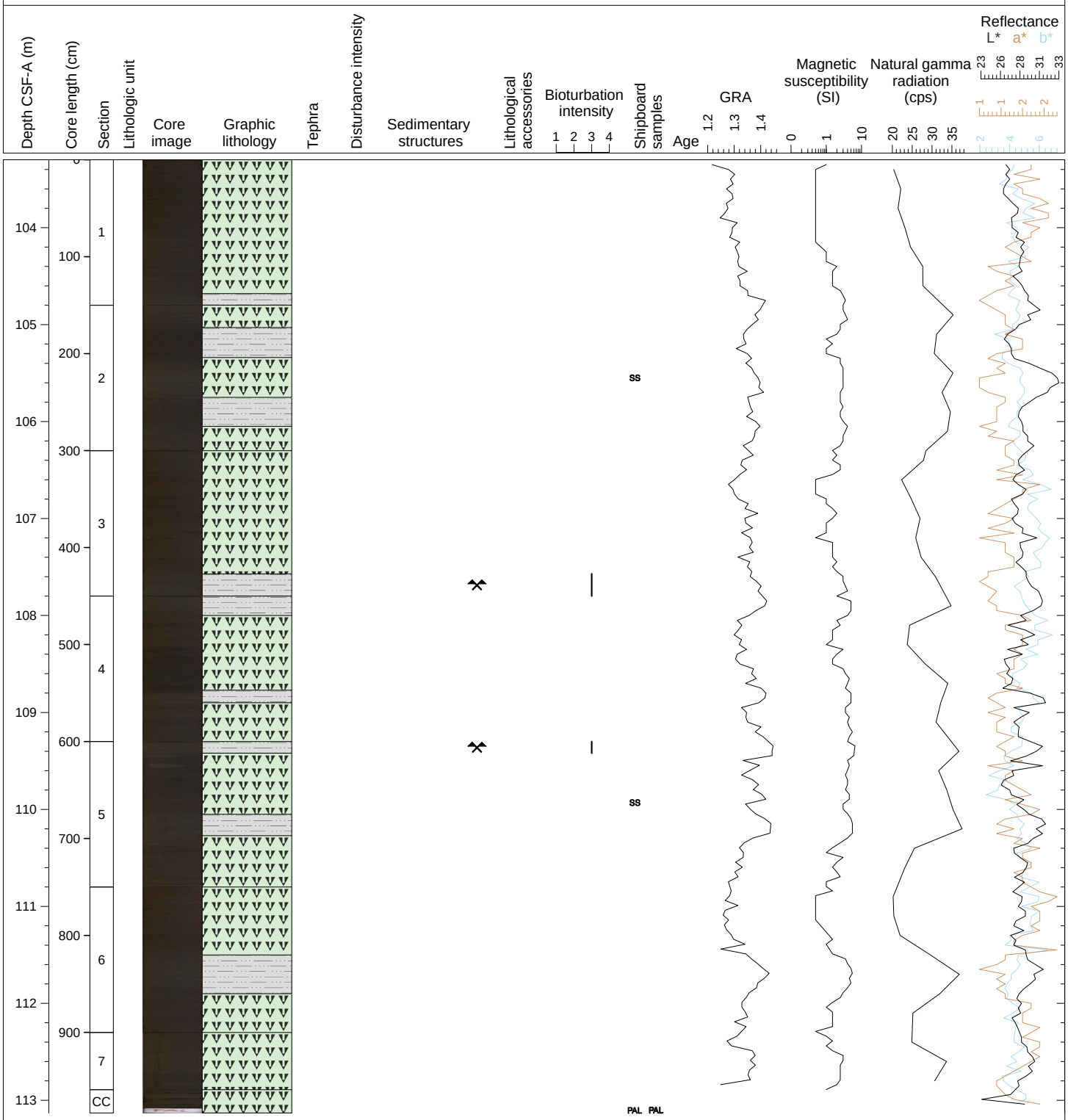
Hole 346-U1430B Core 11H, Interval 93.8-103.61 m (CSF-A)

DIATOM OOZE (olive gray) and DIATOM-RICH SILTY CLAY (olive gray), interbedded, with subtle color banding associated with the alternating lithologies. Moderate to heavy bioturbation throughout with some minor disturbance from gas expansion.



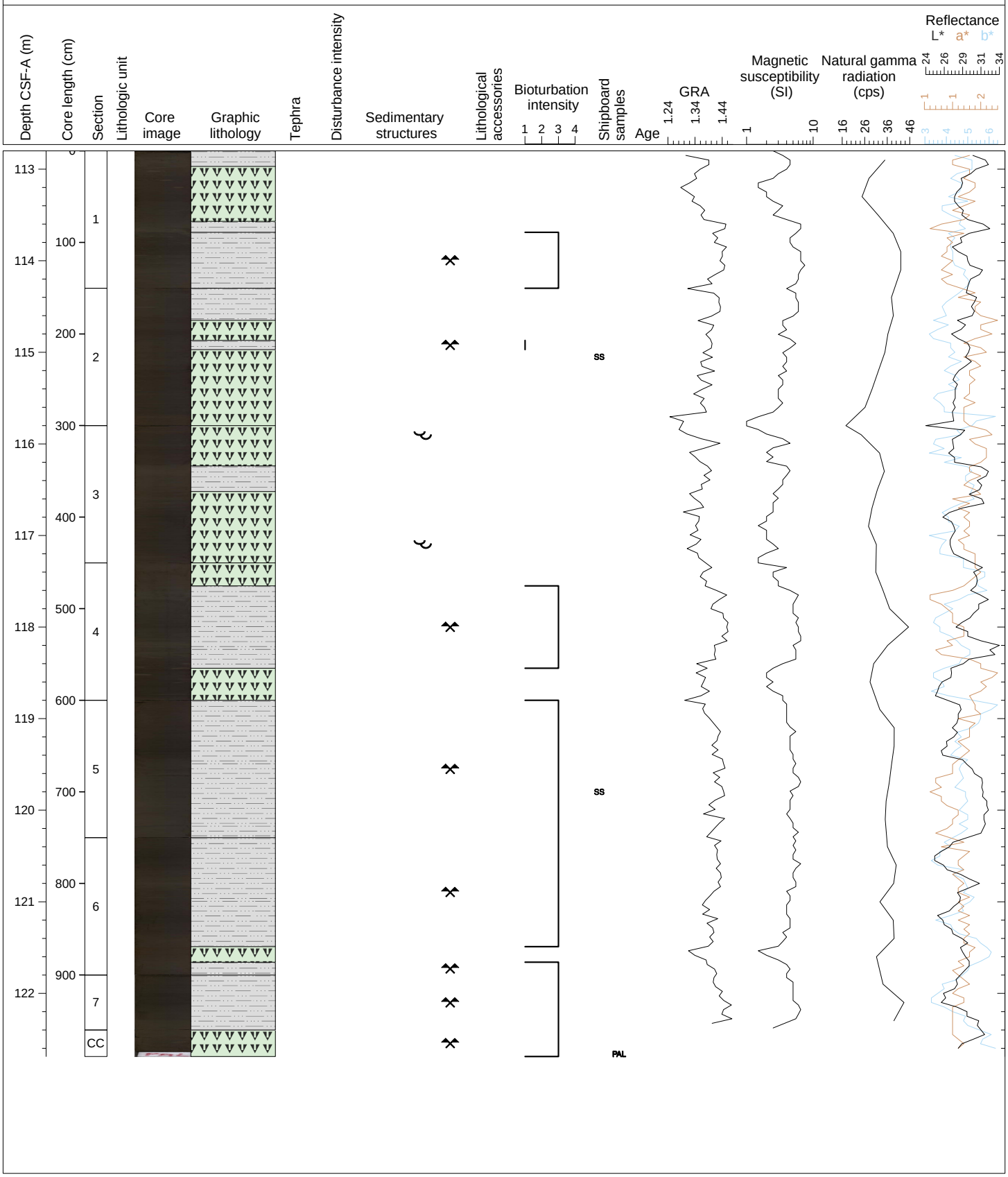
Hole 346-U1430B Core 12H, Interval 103.3-113.13 m (CSF-A)

DIATOM OOZE and DIATOM-RICH SILTY CLAY (dark olive gray), with slight to heavy bioturbation affecting the alternating lithologies.



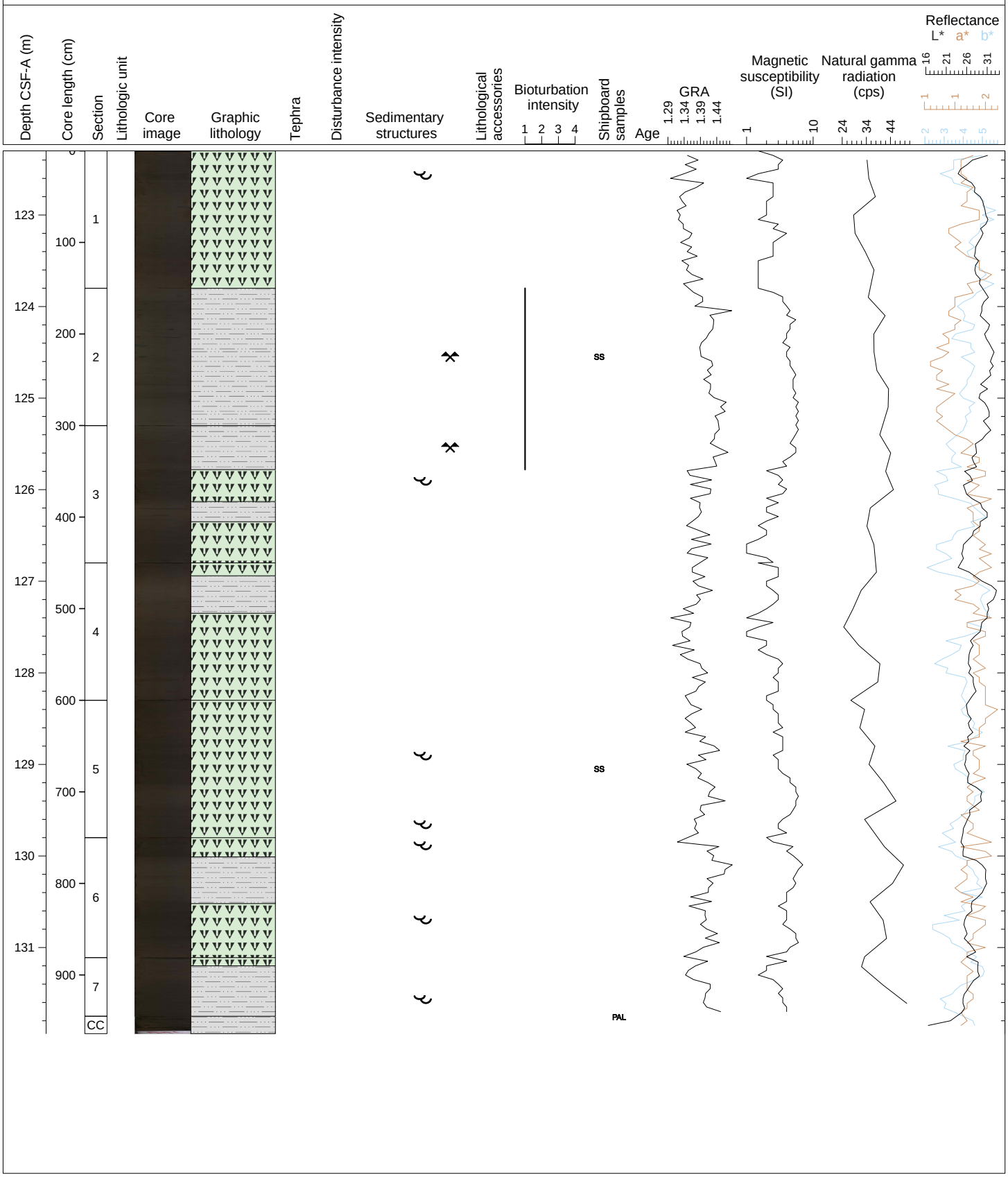
Hole 346-U1430B Core 13H, Interval 112.8-122.69 m (CSF-A)

CLAYEY DIATOM OOZE alternating with DIATOM-RICH and DIATOM-BEARING SILTY CLAY (all dark olive gray), with slight to heavy bioturbation throughout except for faintly laminated intervals observed in Section 3, 0-22 cm and 120-140 cm. Minor disturbance from gas expansion affecting mostly the silty clay intervals.



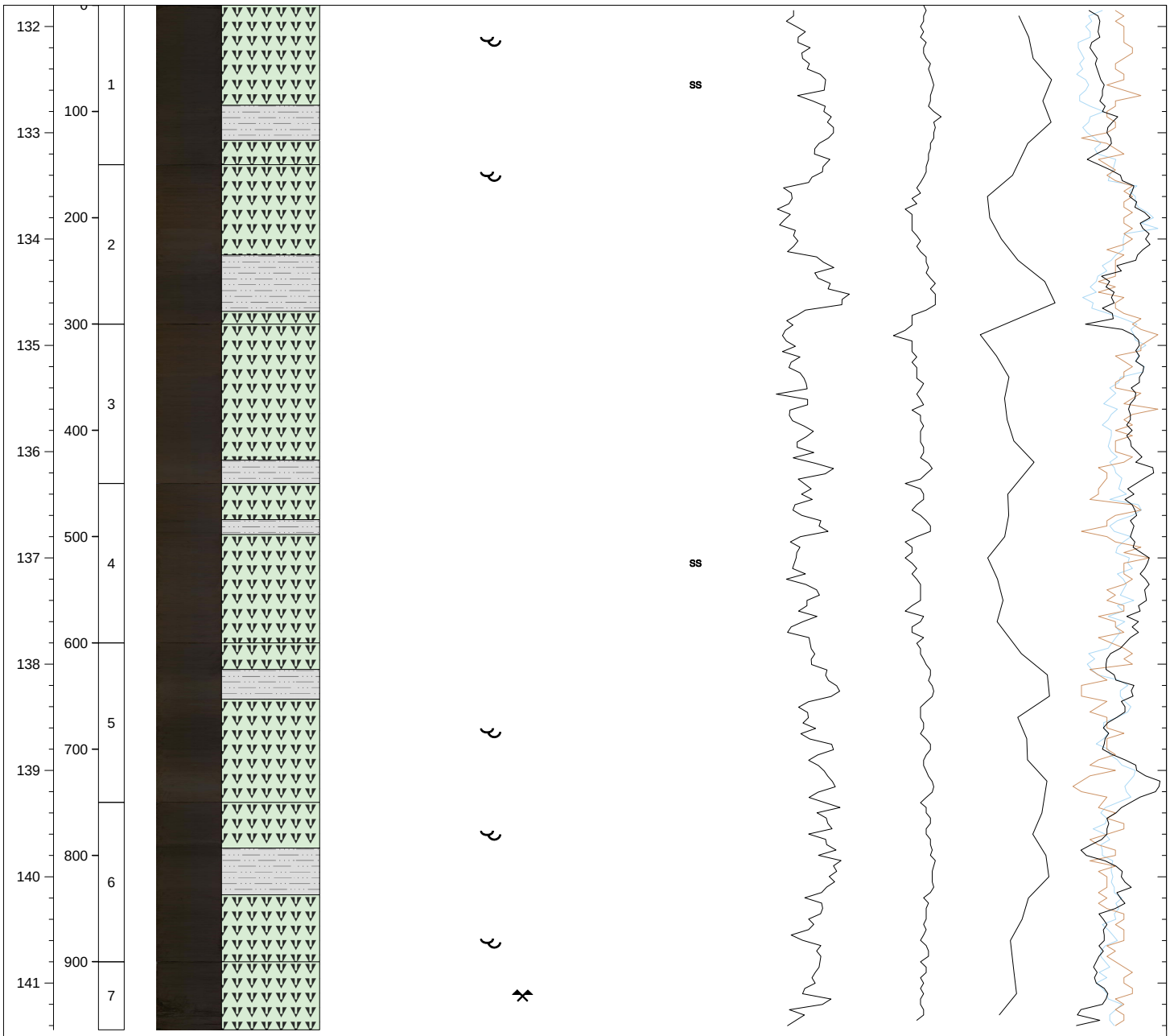
Hole 346-U1430B Core 14H, Interval 122.3-131.94 m (CSF-A)

CLAYEY DIATOM OOZE alternating with DIATOM-RICH SILTY CLAY (dark olive gray), with slight to heavy bioturbation throughout. Distinctly laminated intervals are present in Sections 1, 3, 5, 6 and 7.



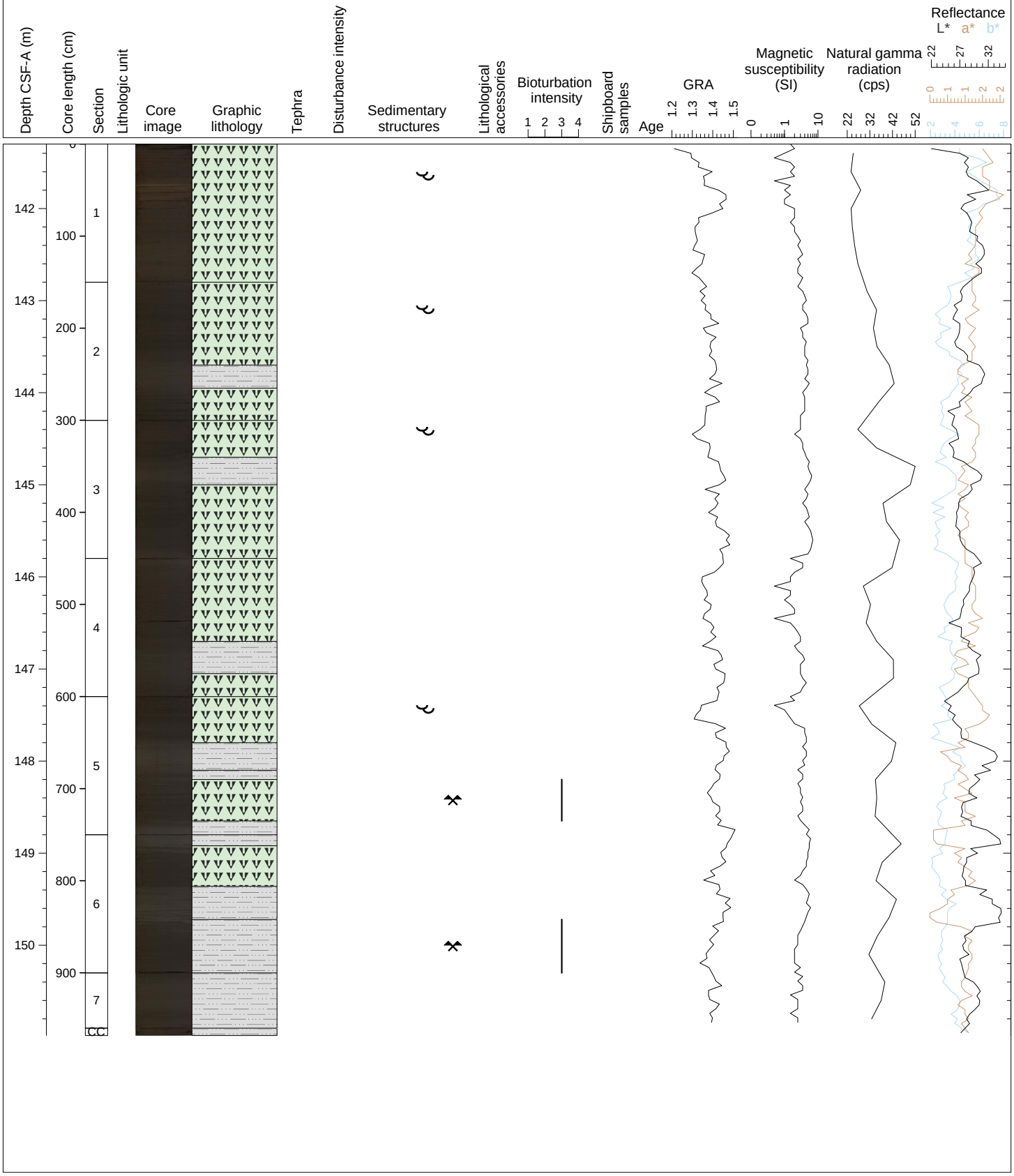
Hole 346-U1430B Core 15H, Interval 131.8-141.44 m (CSF-A)

CLAYEY DIATOM OOZE (very dark brown) alternating with DIATOM-RICH SILTY CLAY (dark olive gray), showing evidence of slight to heavy bioturbation throughout. Numerous intervals showing preserved laminations (some faint) in Sections 1, 2, 5, 6 and 7.



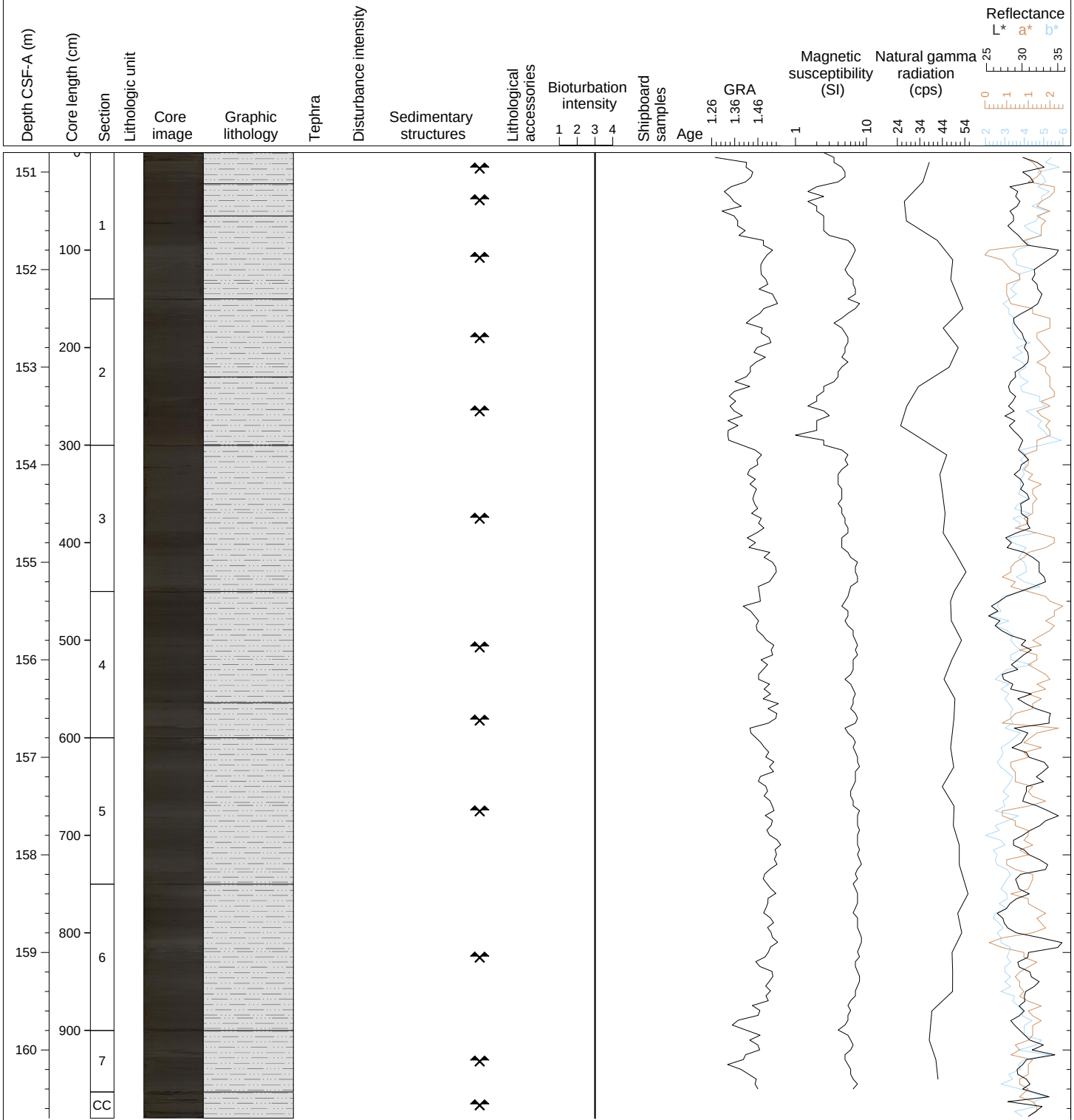
Hole 346-U1430B Core 16H, Interval 141.3-150.98 m (CSF-A)

CLAYEY DIATOM OOZE (very dark brown), DIATOM-RICH SILTY CLAY (dark olive gray) and SILTY CLAY, interbedded, with slight to heavy bioturbation throughout. Laminated intervals observed in Sections 1, 2, 3 and 4.



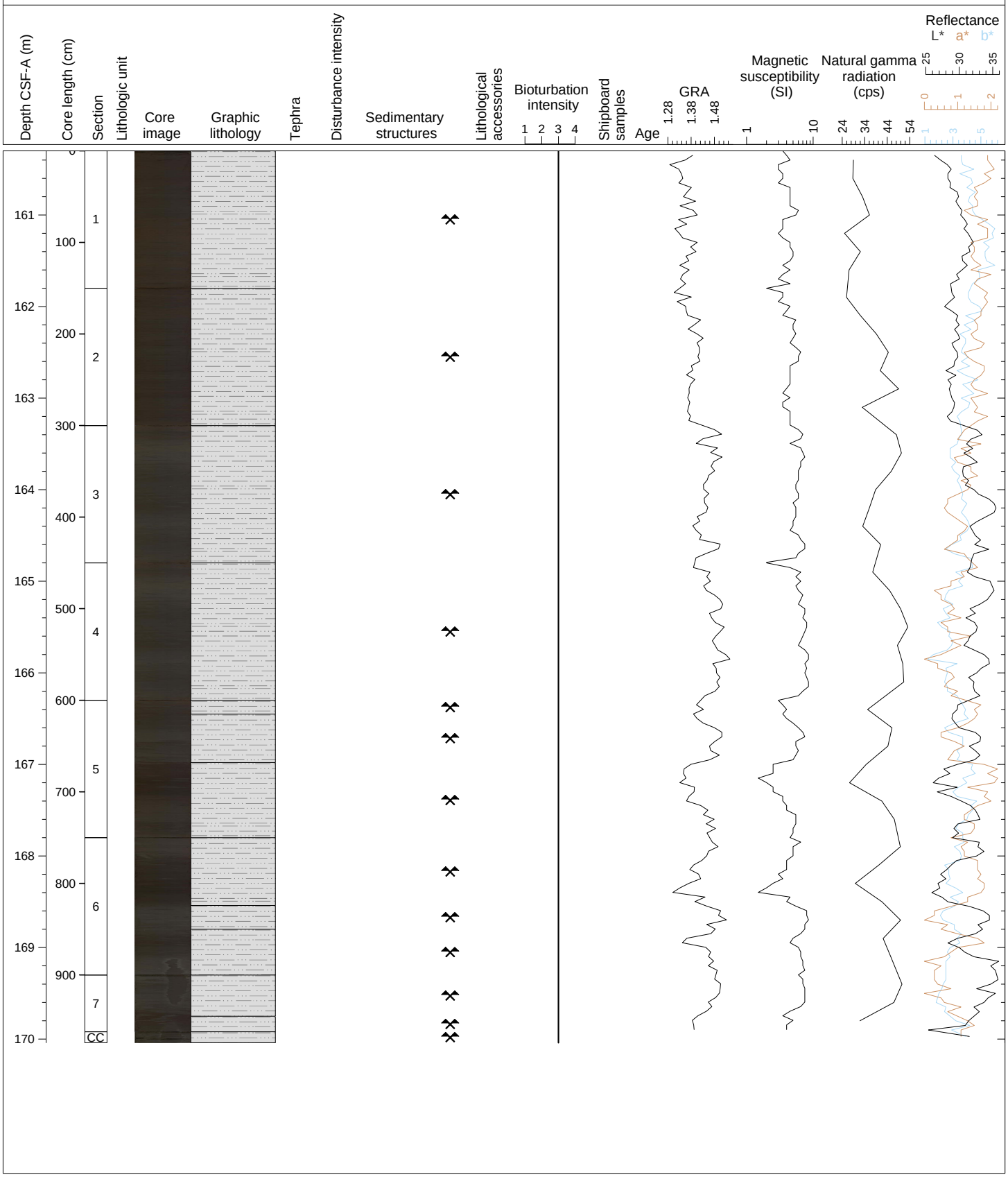
Hole 346-U1430B Core 17H, Interval 150.8-160.7 m (CSF-A)

Dominantly SILTY CLAY (dark olive gray) with interbedded intervals of DIATOM-RICH SILTY CLAY (very dark brown) as a minor lithology. Heavy bioturbation throughout with trace amounts of glauconite observed in smear slides.



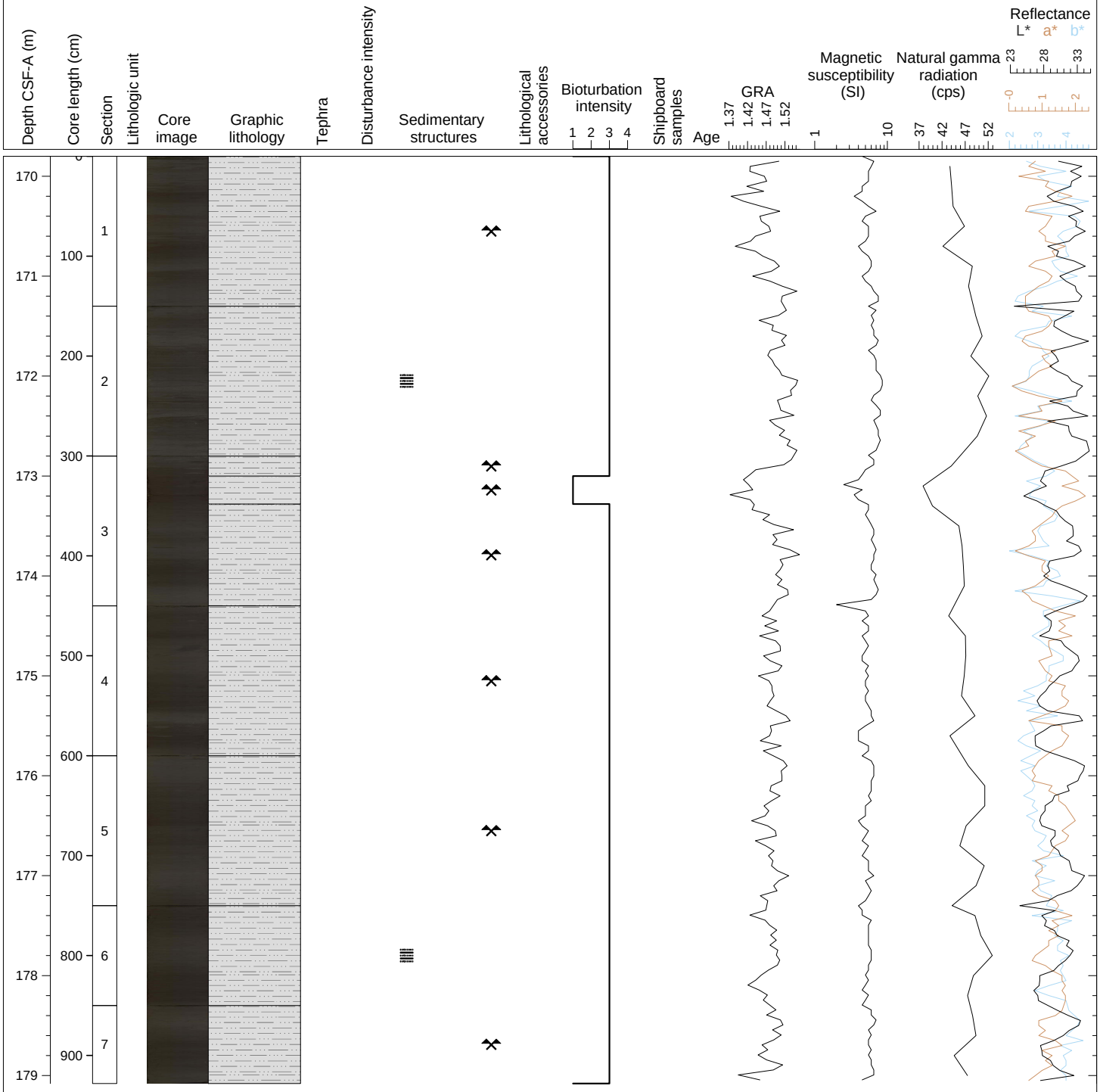
Hole 346-U1430B Core 18H, Interval 160.3-170.04 m (CSF-A)

DIATOM-RICH SILTY CLAY (very dark brown) and SILTY CLAY (dark olive gray), interbedded, with heavy bioturbation. Trace amounts of glauconite and abundant radiolarians are observed in smear slides. Sections 6, 7 and the CC show evidence of suck-in.



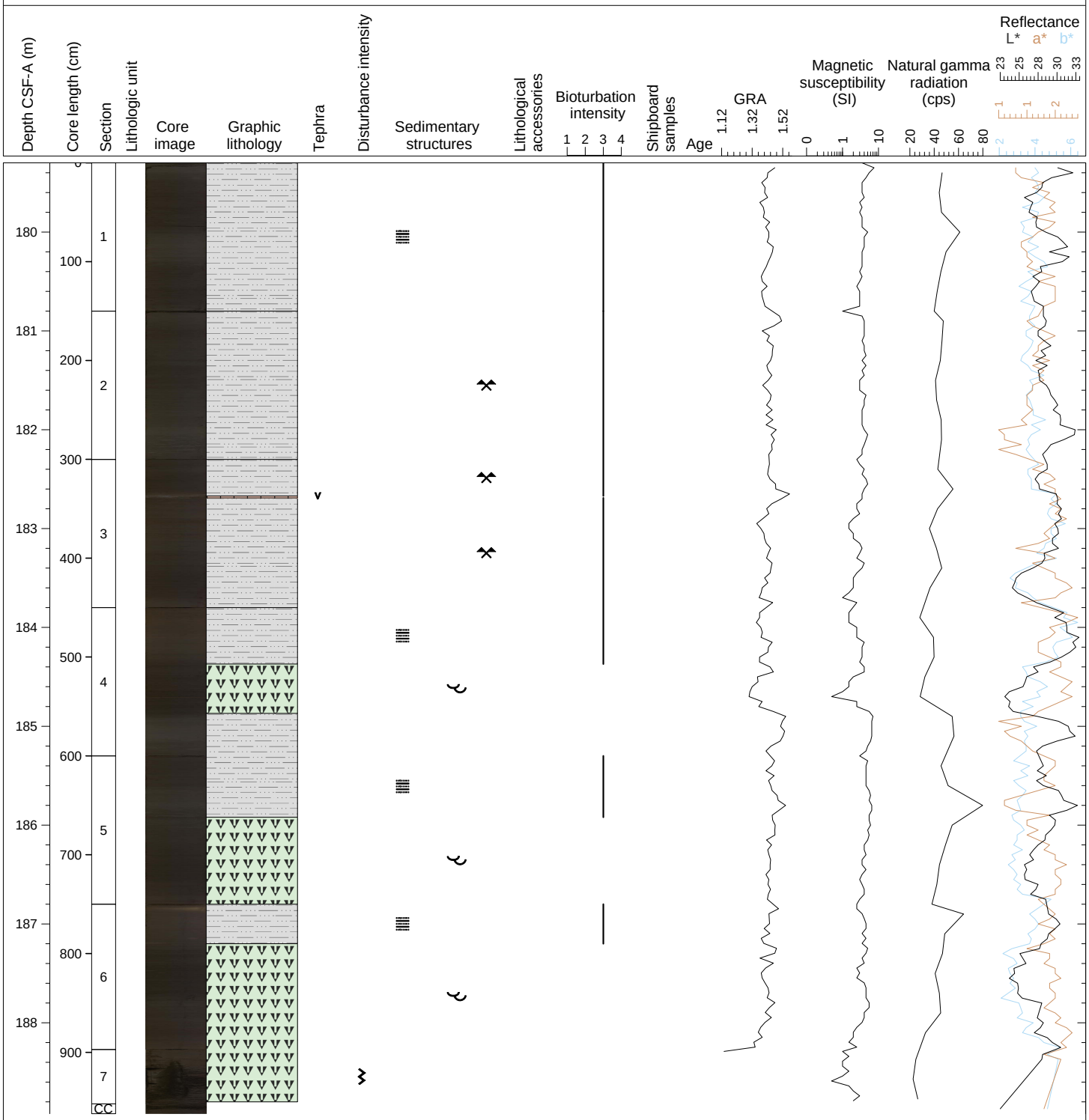
Hole 346-U1430B Core 19H, Interval 169.8-179.08 m (CSF-A)

SILTY CLAY (dark olive gray) with an interval of DIATOM-RICH SILTY CLAY (very dark brown) restricted to Section 3. Heavy bioturbation throughout but with subtle color banding (light/dark) still visible and traces of faint laminations in Sections 2 and 6. Abundant glauconite and radiolarians in smear slides.



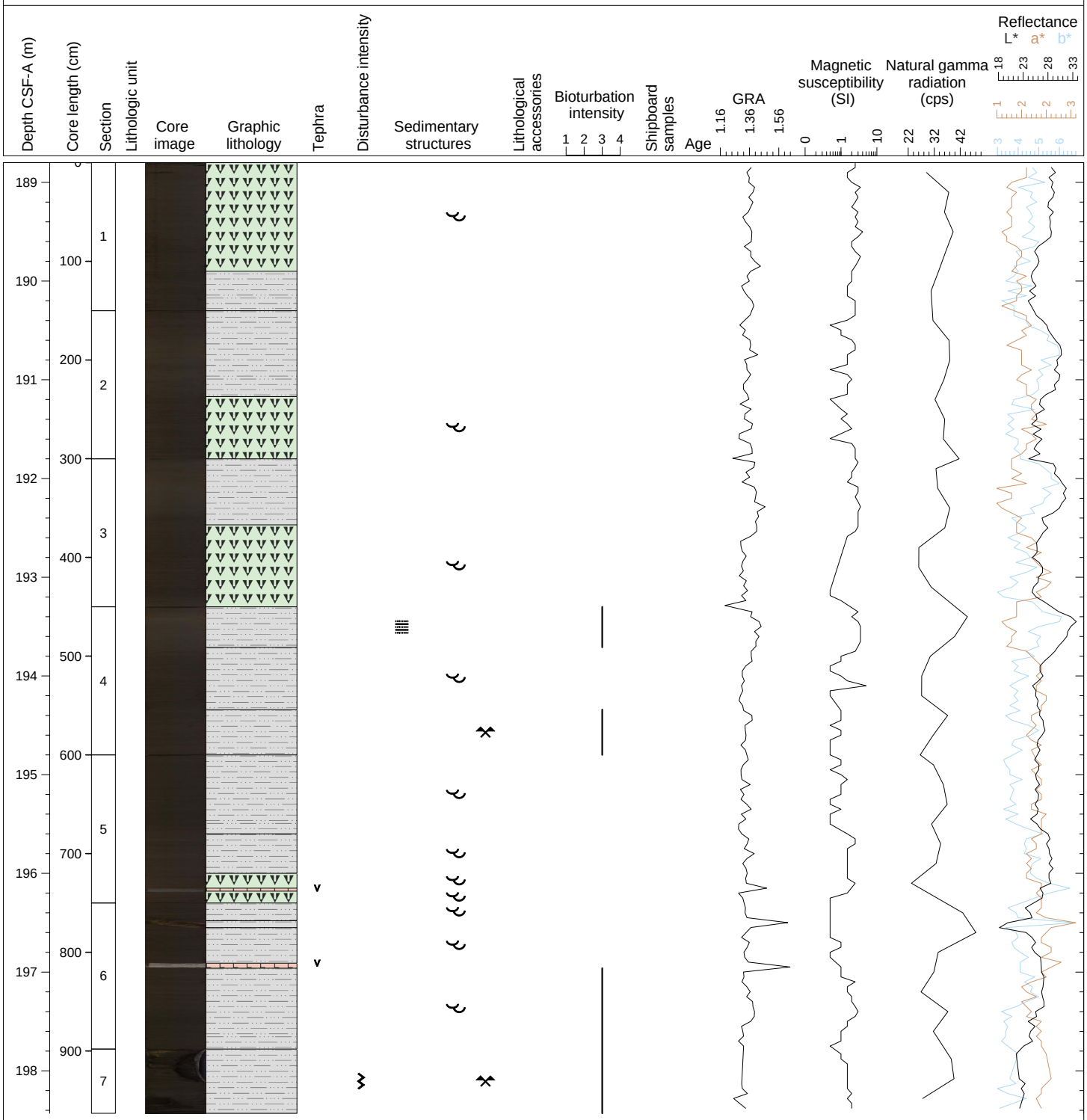
Hole 346-U1430B Core 20H, Interval 179.3-188.92 m (CSF-A)

DIATOM-BEARING SILTY CLAY(dark olive gray) and CLAYEY DIATOM OOZE (very dark brown), with heavy bioturbation throughout except for laminated intervals in Sections 4, 5 and 6 that are restricted to the ooze intervals. A thin vitric TEPHRA is observed in Section 3, 37-39 cm.



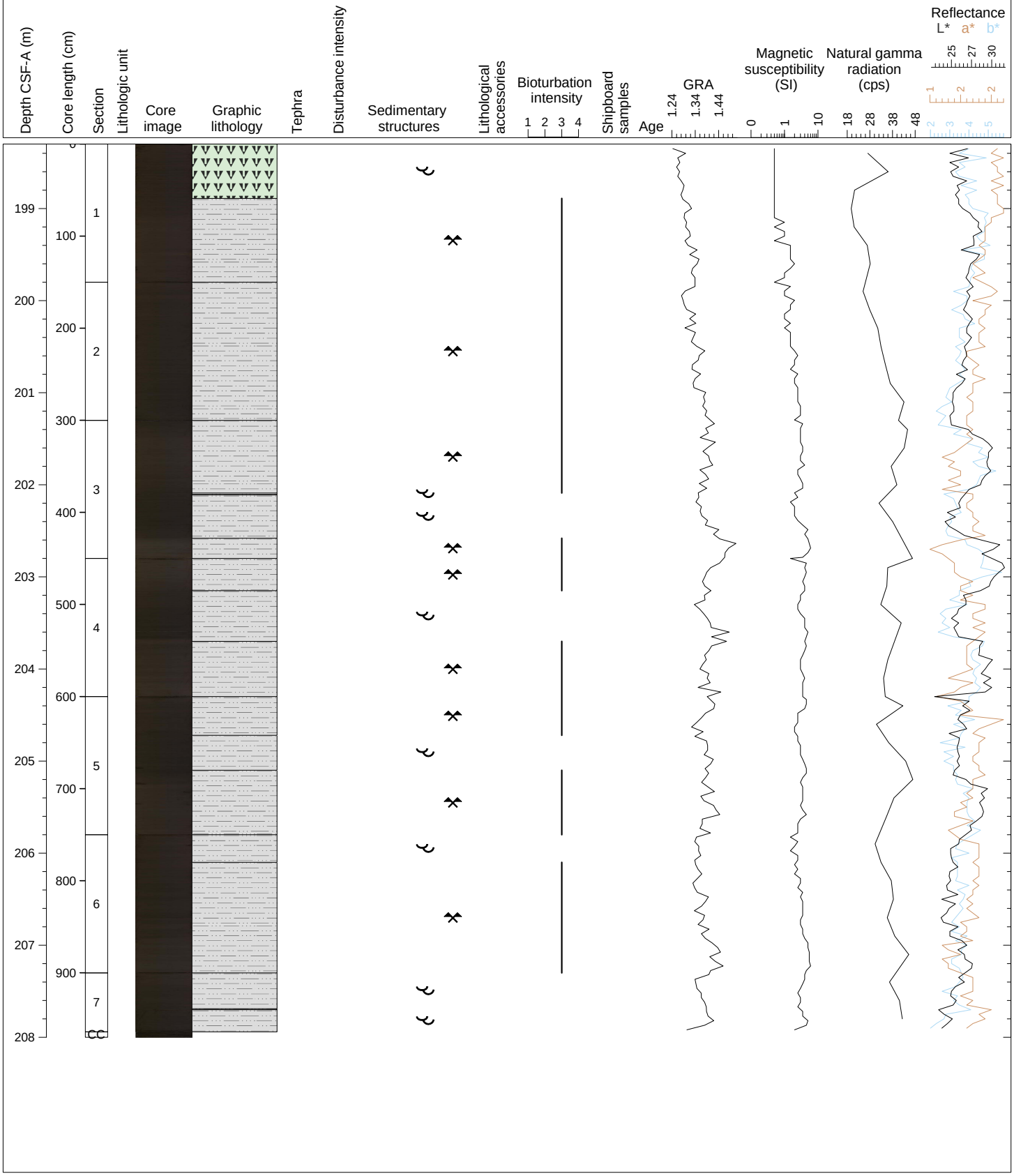
Hole 346-U1430B Core 21H, Interval 188.8-198.43 m (CSF-A)

DIATOM-BEARING SILTY CLAY (dark olive gray) and CLAYEY DIATOM OOZE (very dark brown), interbedded, with heavy bioturbation. Dark brown laminated intervals are visible in all sections. Two vitric TEPHRA layers are found in Section 5, 135-138 cm, and Section 6, 61-66 cm. A semi-indurated layer of CHERT is present in Section 6, 18-25 cm.



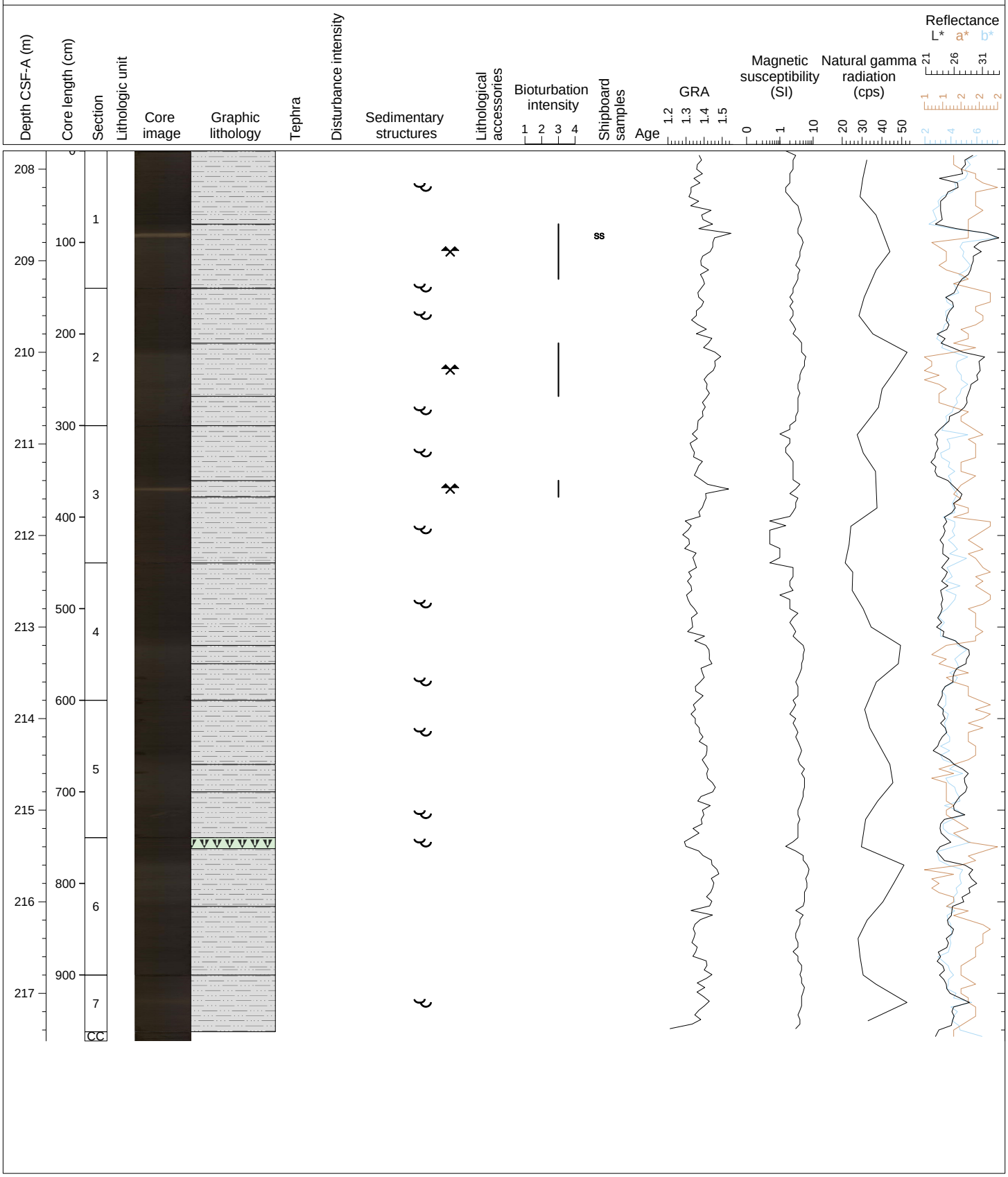
Hole 346-U1430B Core 22H, Interval 198.3-208.0 m (CSF-A)

DIATOM-RICH SILTY CLAY (dark olive gray) and SILTY CLAY (olive gray), interbedded, with a CLAYEY DIATOM OOZE (very dark brown) near the top of Section 1. Heavy bioturbation throughout except for laminated intervals that are present in all sections.Traces of TEPHRA are present in Section 3, 80-81 cm, and a thin CHERT interval is found in Section 7, 39-40 cm. Slight to moderate disturbance from gas expansion.



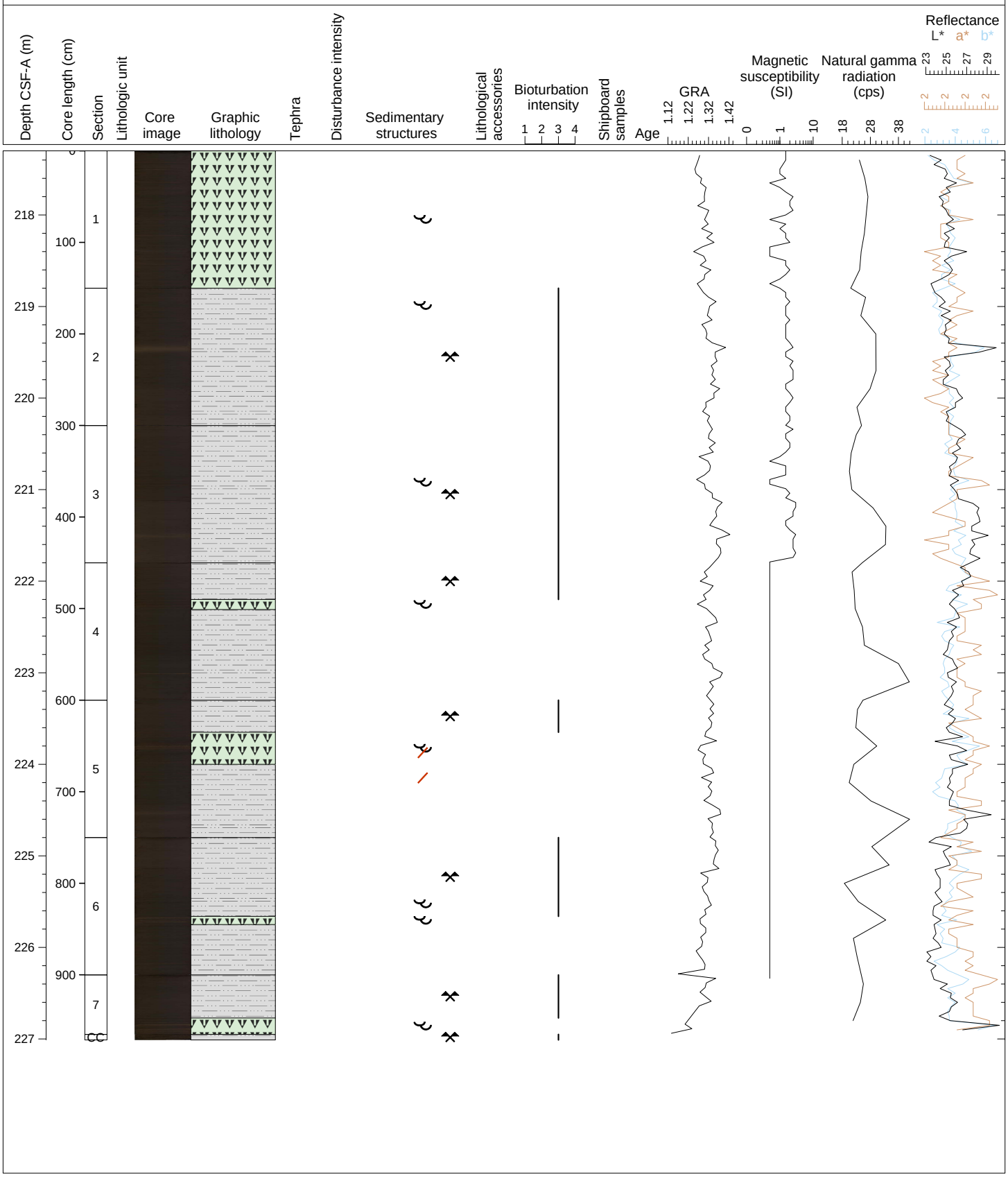
Hole 346-U1430B Core 23H, Interval 207.8-217.52 m (CSF-A)

DIATOM-RICH SILTY CLAY and SILTY CLAY (dark olive gray) with a thin sequence of CLAYEY DIATOM OOZE (very dark brown) in Section 6, 0-12 cm. Weakly laminated intervals are present in all sections, with intervening intervals moderatly to heavily bioturbated.



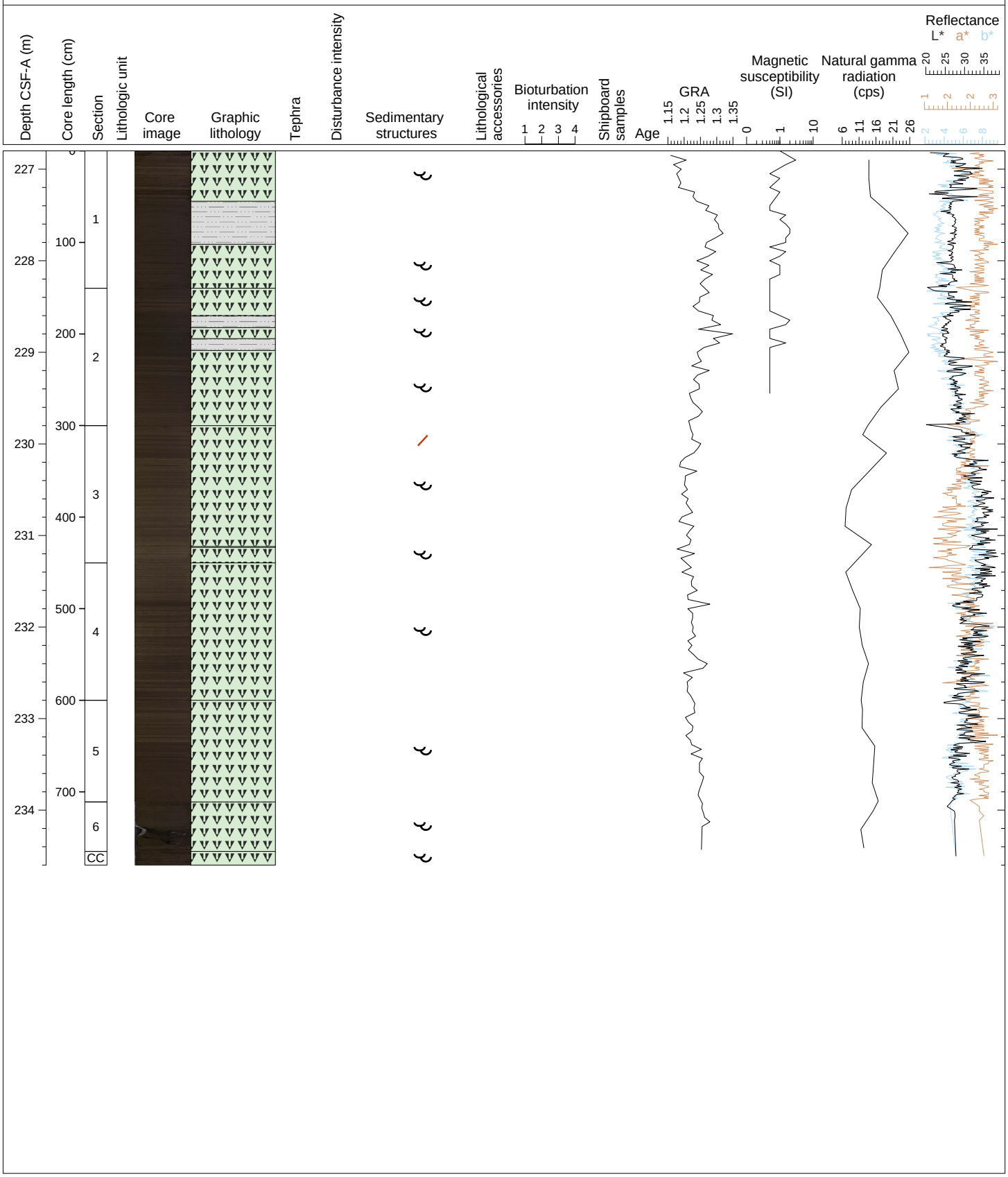
Hole 346-U1430B Core 24H, Interval 217.3-227.01 m (CSF-A)

DIATOM-RICH SILTY CLAY (dark olive gray), CLAYEY DIATOM OOZE and DIATOM OOZE (very dark brown), interbedded, with the dark brown oozes showing preserved lamination in all sections. Intervening sequences are heavily bioturbated. Microfaults result in small offsets in Section 5, 57-58 cm and 83-87 cm. Minor disturbance from gas expansion.



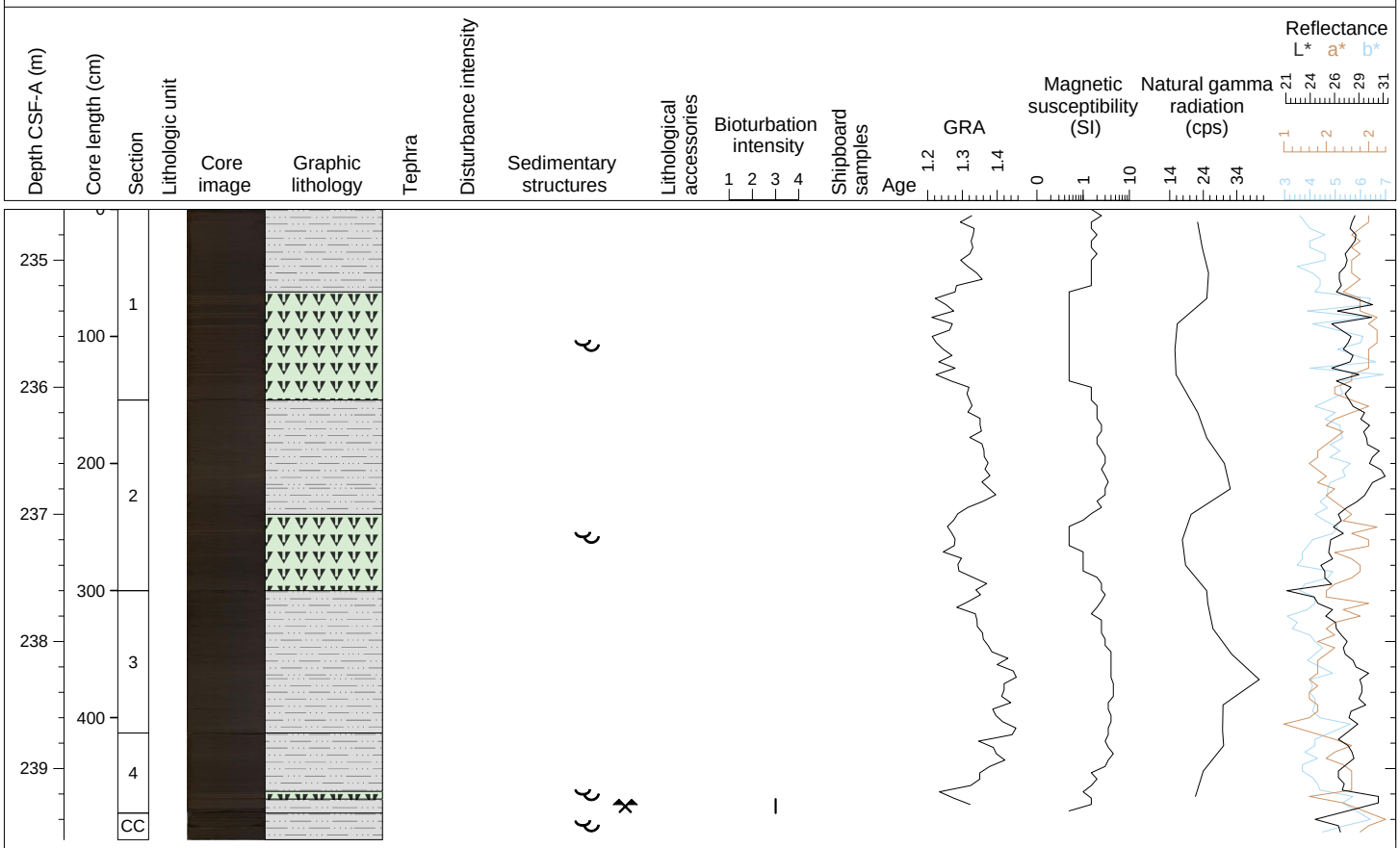
Hole 346-U1430B Core 25H, Interval 226.8-234.6 m (CSF-A)

DIATOM OOZE (very dark brown) and DIATOM-RICH SILTY CLAY (dark olive gray), interbedded, with very prominent lamination in the diatom oozes in all sections. A CHERT nodule is found in Section 3, 132-133 cm, and a small microfault displaces strata at a level stratigraphically above (Section 3, 0-33 cm). Severe drilling disturbance affects most of Section 5.



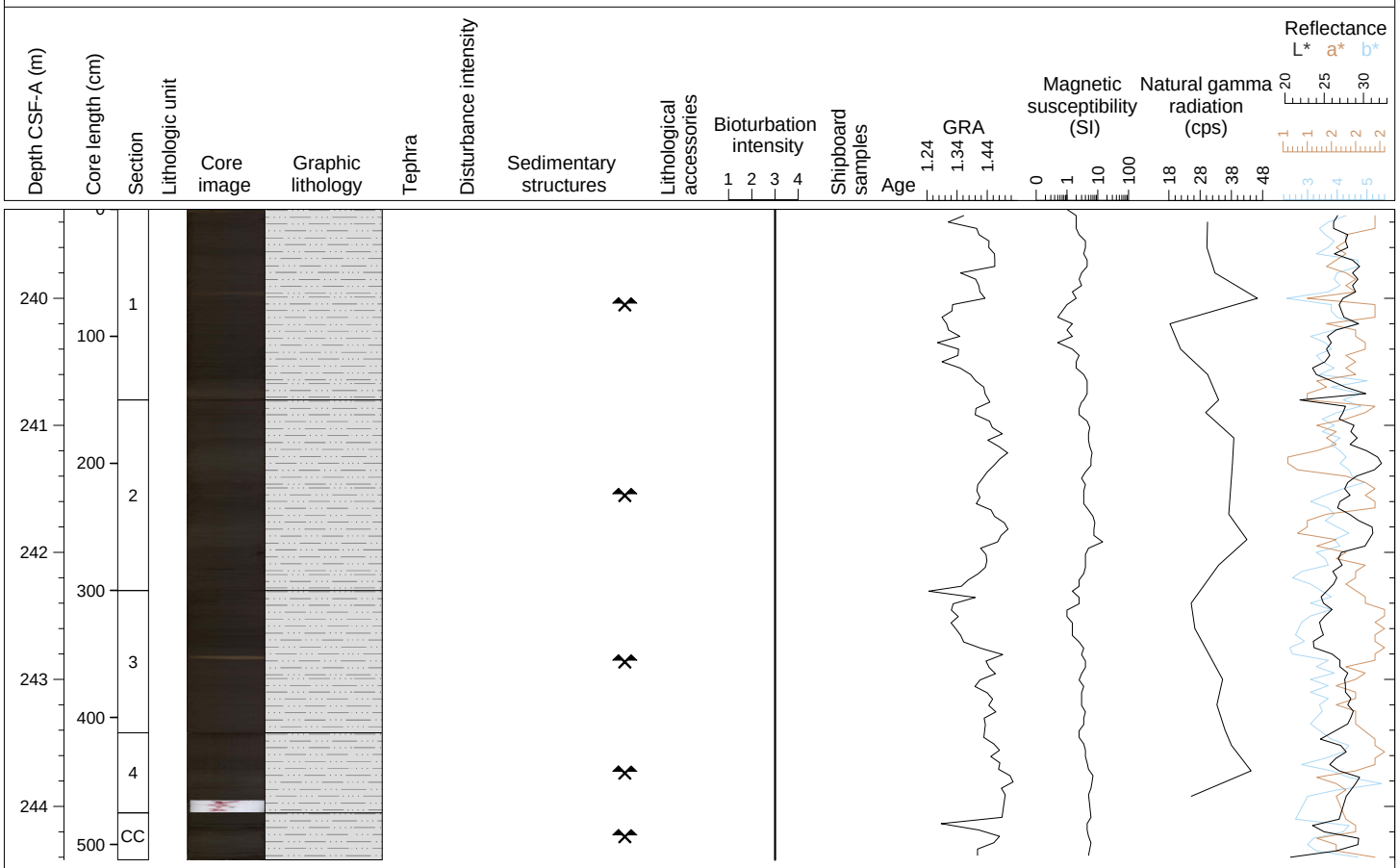
Hole 346-U1430B Core 26H, Interval 234.6-239.56 m (CSF-A)

DIATOM OOZE (very dark brown), DIATOM-RICH SILTY CLAY (dark olive gray) and DIATOM BEARING SILTY CLAY, interbedded, with slight to heavy bioturbation except in laminated intervals observed in Sections 1, 2, and 4.



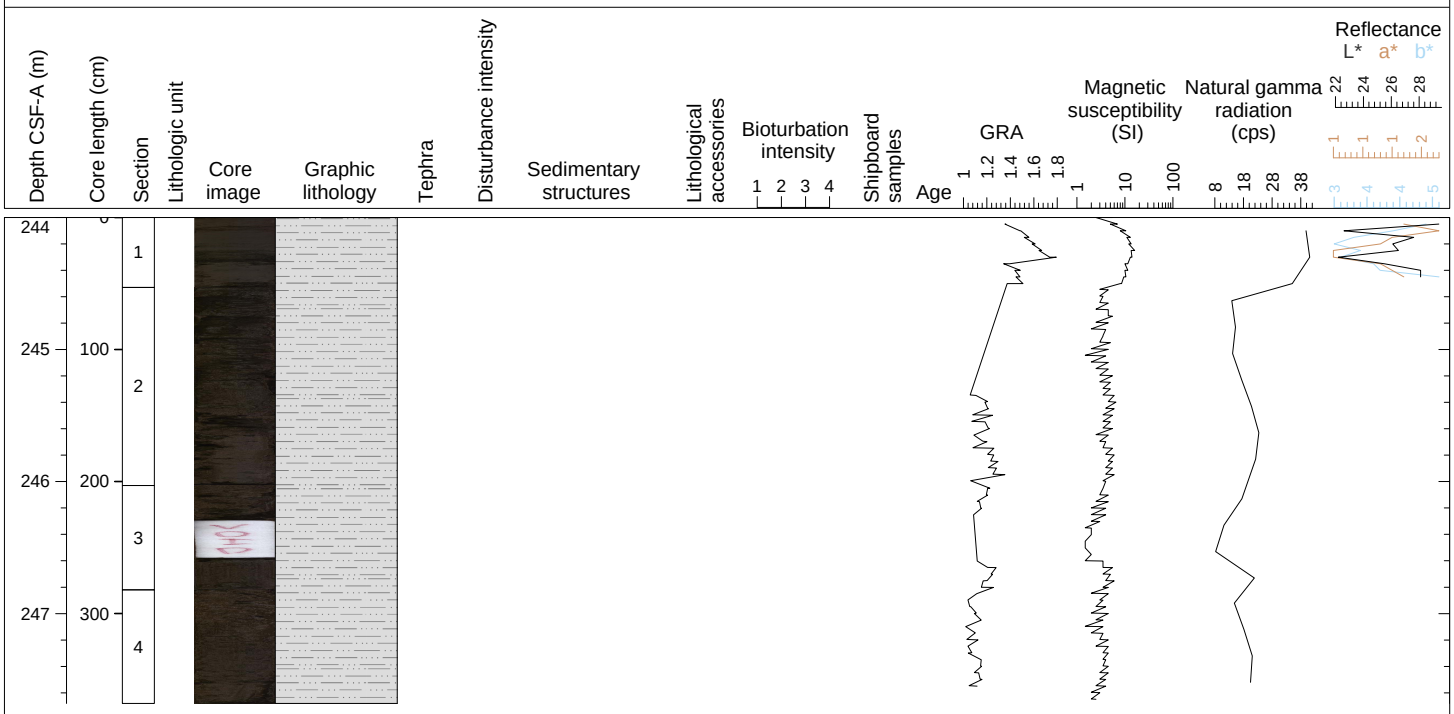
Hole 346-U1430B Core 27H, Interval 239.3-244.42 m (CSF-A)

DIATOM-RICH SILTY CLAY (dark olive gray), with slight to heavy bioturbation. Minor disturbance from gas expansion with a void located at the base of Section 4, 53-63 cm.



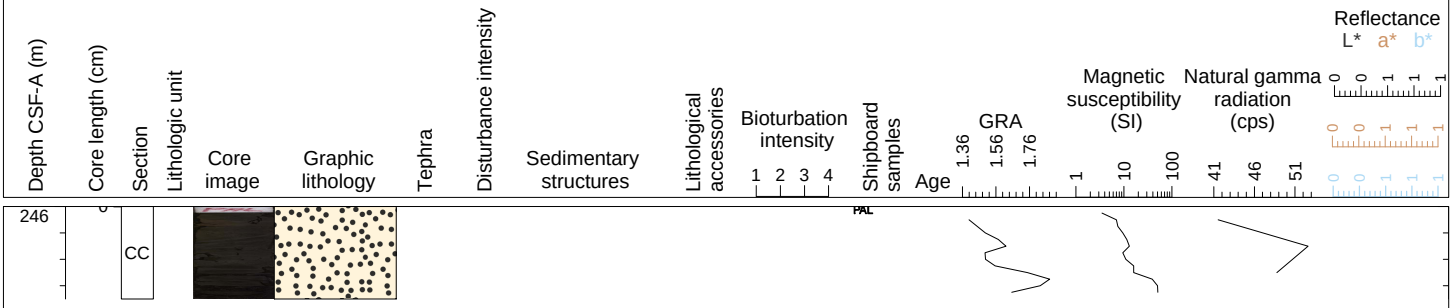
Hole 346-U1430B Core 28H, Interval 244.0-247.68 m (CSF-A)

SILTY CLAY (dark olive gray), with minor amounts of glauconite. Core is heavily disturbed below Section 1, very soupy and with all original structure destroyed.



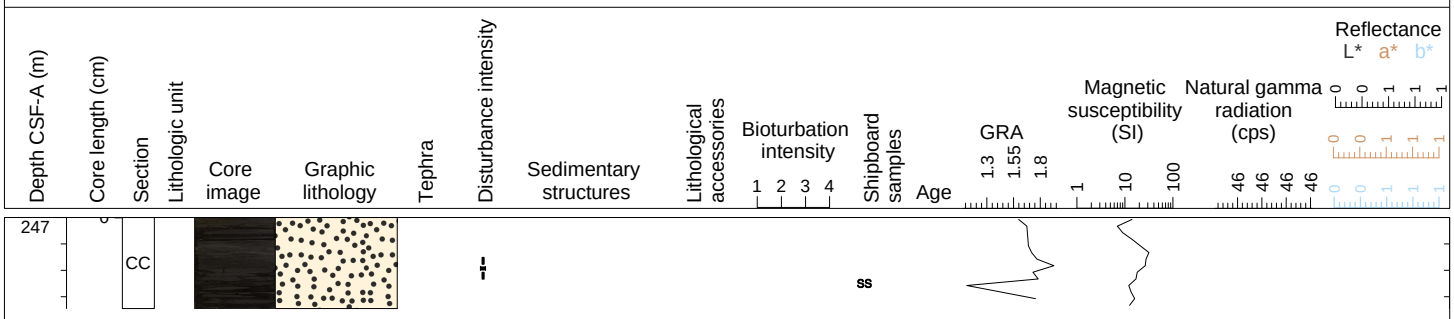
Hole 346-U1430B Core 29X, Interval 246.0-246.7 m (CSF-A)

GLAUCONITIC SANDSTONE, greenish black in color, well indurated.



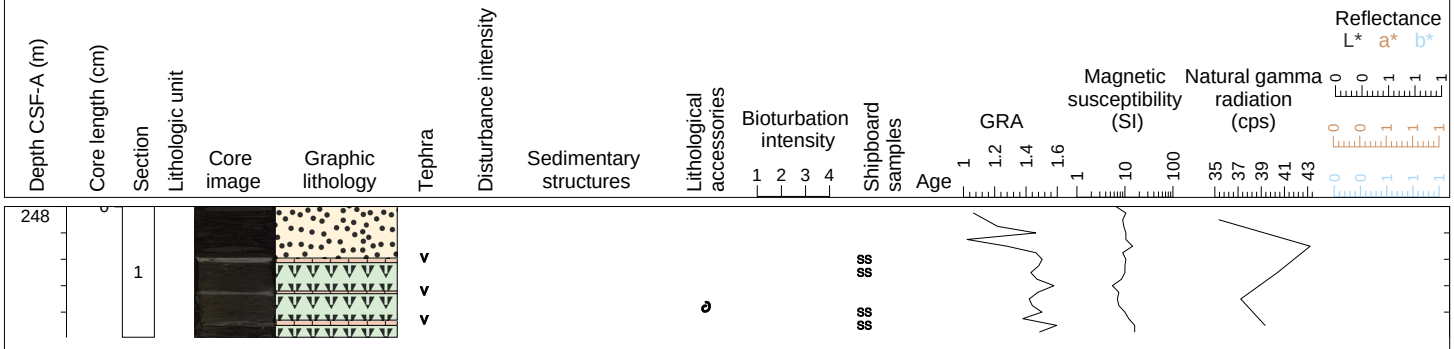
Hole 346-U1430B Core 30X, Interval 247.0-247.69 m (CSF-A)

GLAUCONITIC SANDSTONE, greenish black in color, well indurated. Highly fractured from drilling. Top 8 cm is fall-in.



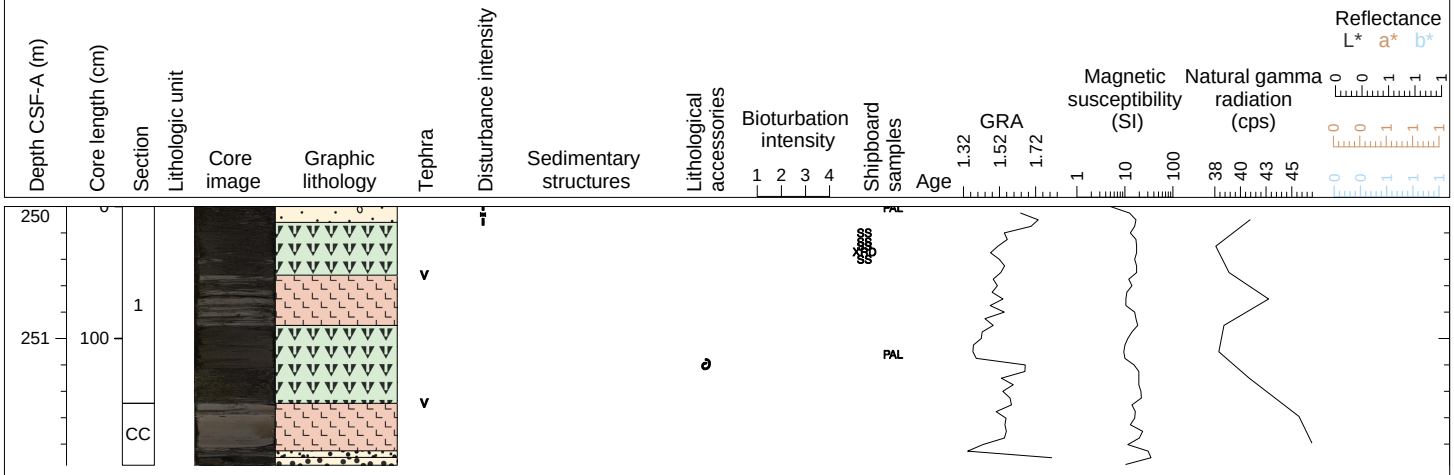
Hole 346-U1430B Core 31X, Interval 248.0-248.99 m (CSF-A)

GLAUCONITIC SANDSTONE (greenish black) overlying SILTY DIATOM OOZE WITH VOLCANIC ASH (very dark gray). Sequence is punctuated by three gray to light gray TEPHRA layers, each 3-4 cm thick. Sandstone at top is mostly a washed gravel. Diatom ooze contains minor shallow water skeletal debris, including bryozoan and siliceous sponge fragments.



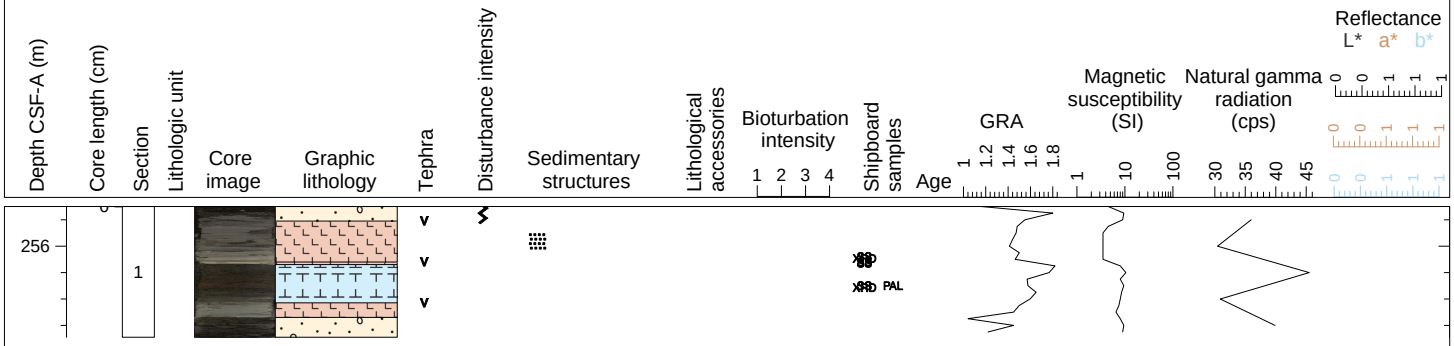
Hole 346-U1430B Core 32X, Interval 250.0-251.96 m (CSF-A)

SILTY DIATOM OOZE (very dark gray) with minor shallow water skeletal debris (recognizable bryozoan and sponge fragments) near base of Section 1. Glauconite is common accessory mineral throughout. Gray TEPHRA layer found between 52-90 cm in Section 1. A well lithified gray volcanic TUFF is found in the CC, 0-36 cm. This overlies a distinctive light greenish gray SILTY SAND and greenish black GLAUCONITIC SANDSTONE. Much of the sediment is moderately disturbed from drilling with a washed GRAVEL dominating the top 12 cm of Section 1.

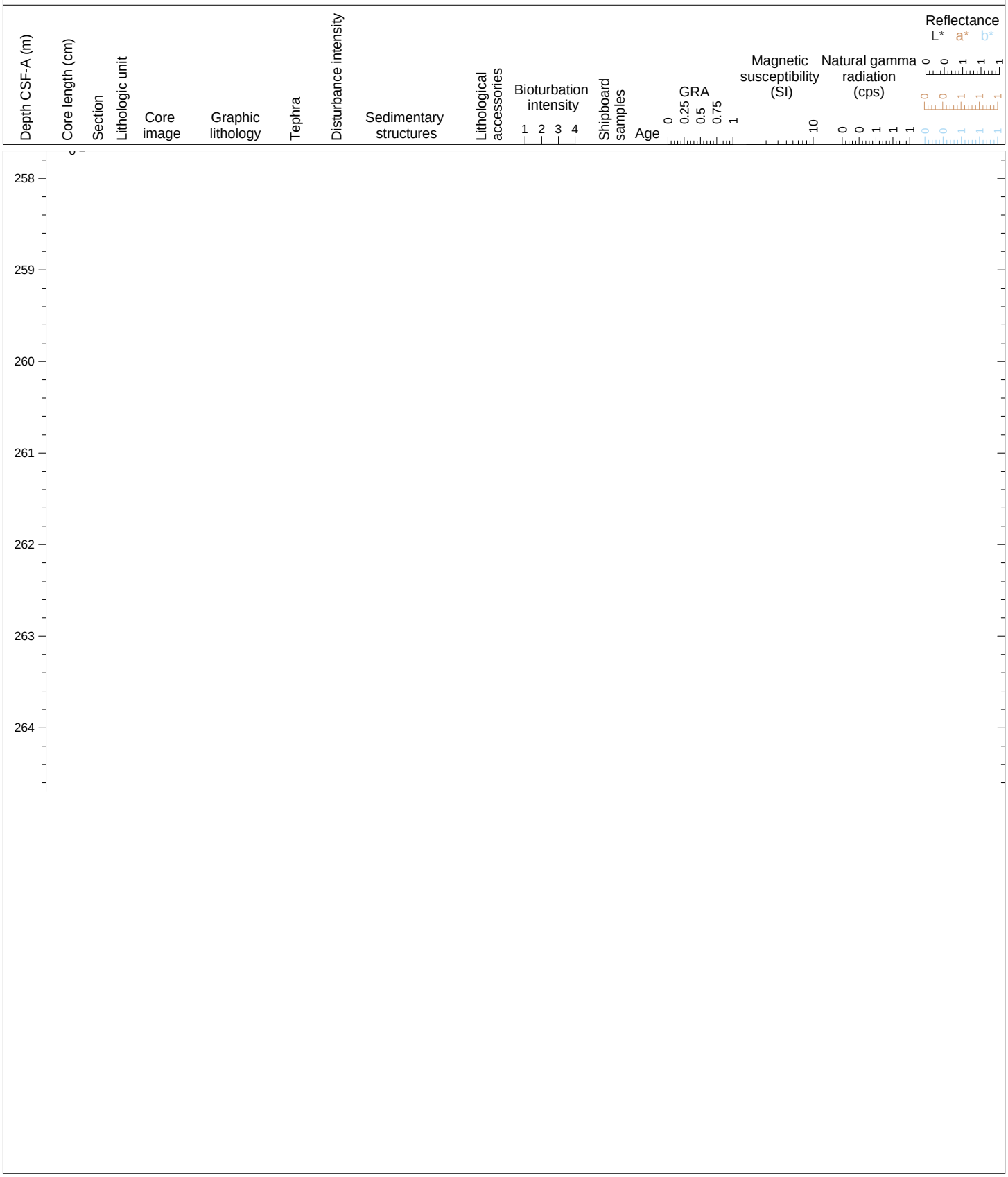


Hole 346-U1430B Core 33X, Interval 255.7-256.69 m (CSF-A)

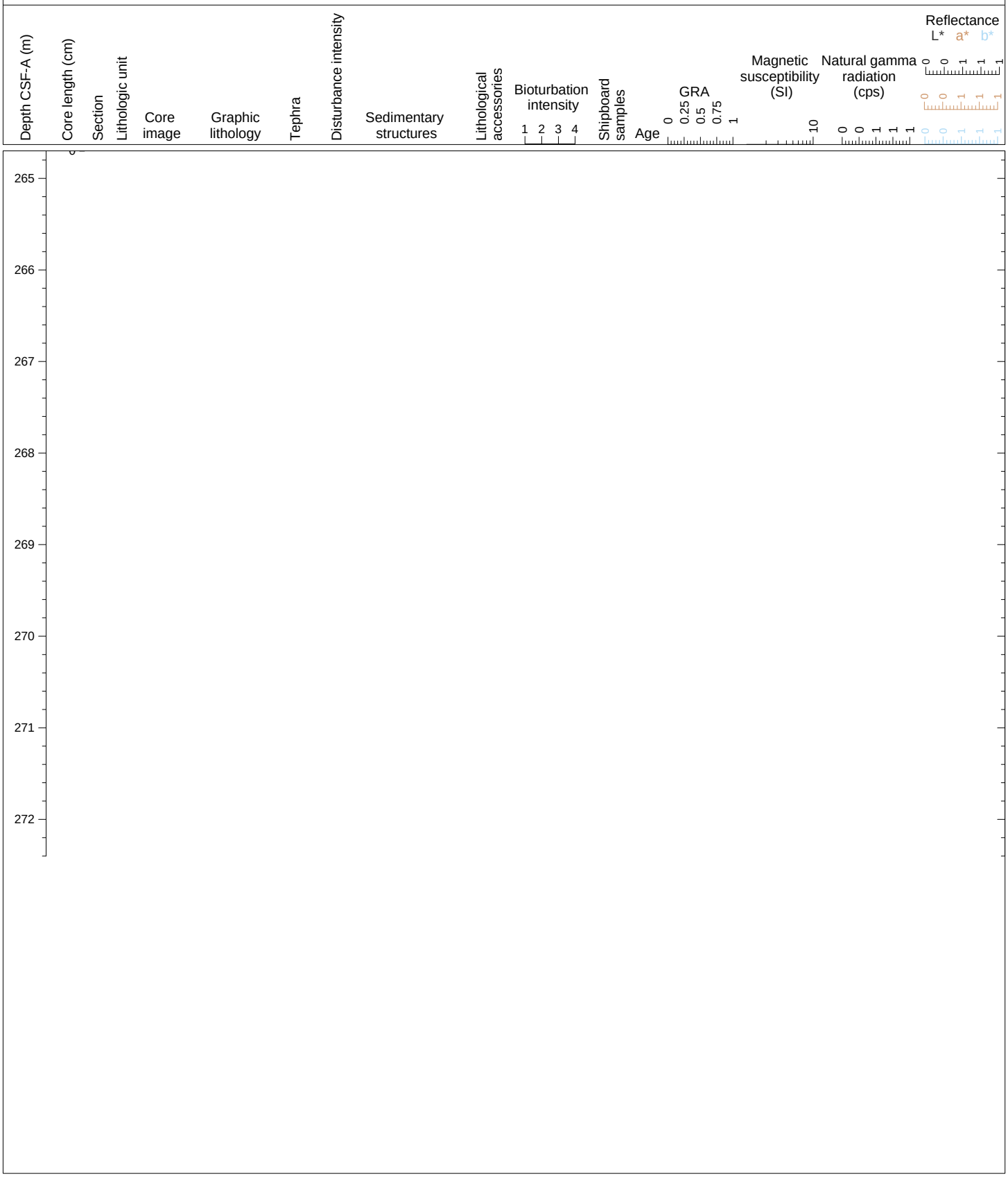
Layered TUFF/TEPHRA and SILTY CARBONATE OOZE WITH DIATOMS. A poorly sorted GLAUCONITIC SANDSTONE GRAVEL is found in the top 11 cm and bottom 15 cm of the core, the result of drilling. A gray lithified TUFF from 11-42 cm shows distinct layering and overlies a prominent white fine-grained vitric TEPHRA found at 42-44 cm. The carbonate that dominates the SILTY CARBONATE OOZE WITH DIATOMS is mostly fine-grained dolomite but glauconite is common throughout as an accessory mineral. Diatoms are well preserved. A greenish gray TEPHRA (73-84 cm) makes up the base of the undisturbed sequence.



Hole 346-U1430B Core 34X, Interval 257.7-264.7 m (CSF-A)

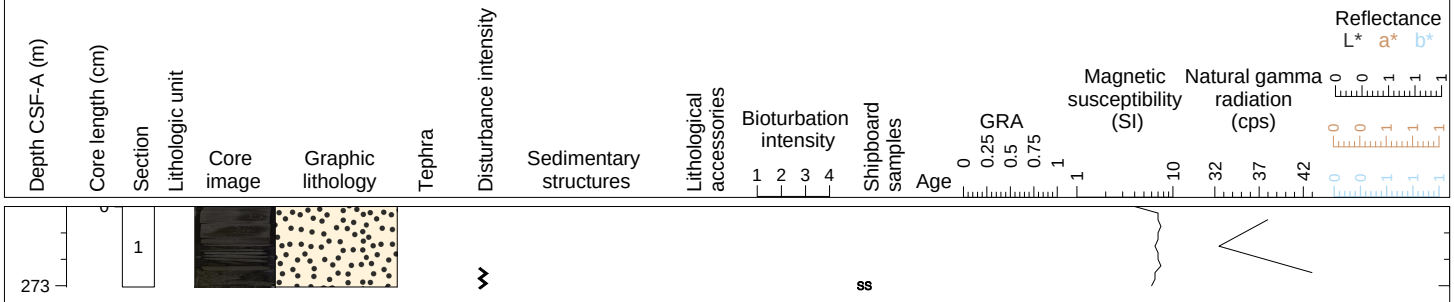


Hole 346-U1430B Core 35X, Interval 264.7-272.4 m (CSF-A)



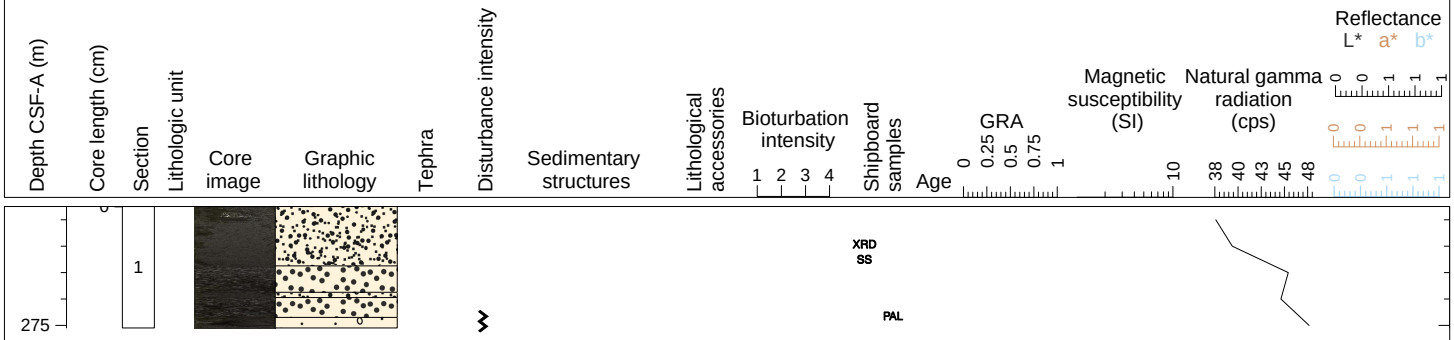
Hole 346-U1430B Core 36X, Interval 272.4-273.01 m (CSF-A)

GLAUCONITIC SANDSTONE (dark greenish gray), fractured from drilling. Bottom 13 cm of core is drilling slurry with angular sandstone fragments.



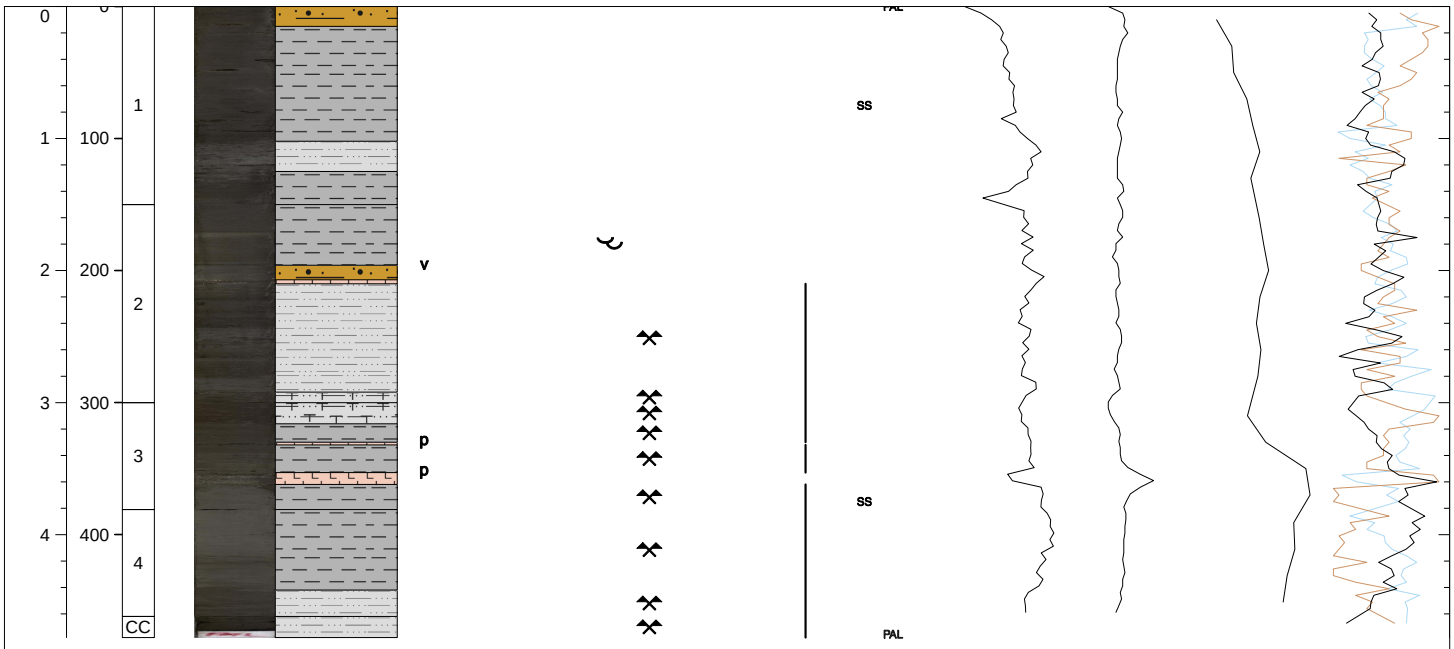
Hole 346-U1430B Core 37H, Interval 274.1-275.02 m (CSF-A)

Greenish gray GLAUCONITIC SILTY SAND, unconsolidated and well sorted, from 0-45 cm, overlying a PEBBLY SAND grading to GRAVEL at base. Layer of silty sand interbedded in middle of coarse pebbly sand implies that coarser material is in place and not washed in. Pebbly sand is poorly sorted with angular fragments (immature). This marks the base of the stratigraphic sequence at Hole U1430B.



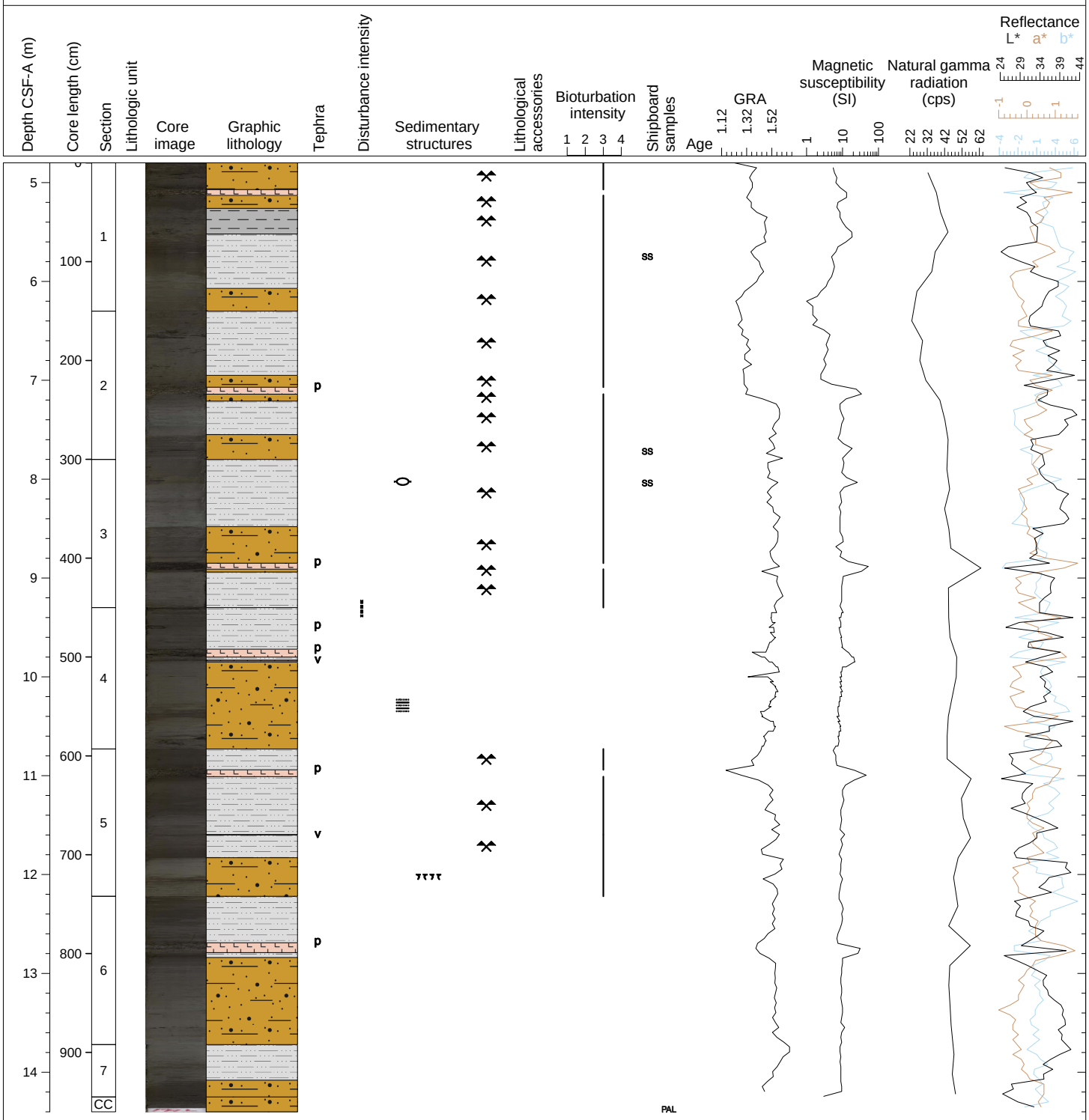
Hole 346-U1430C Core 1H, Interval 0.0-4.78 m (CSF-A)

CLAY (very dark grayish green to very dark gray) and SILTY CLAY (grayish green), alternating and visible as color banding. Fine laminations occur in Section 2, 20-39 cm, but heavy bioturbation prevails below this. A vitric TEPHRA layer is observed in Section 2 which is mixed upwards while two distinct light gray pumice layers are present in Section 3.



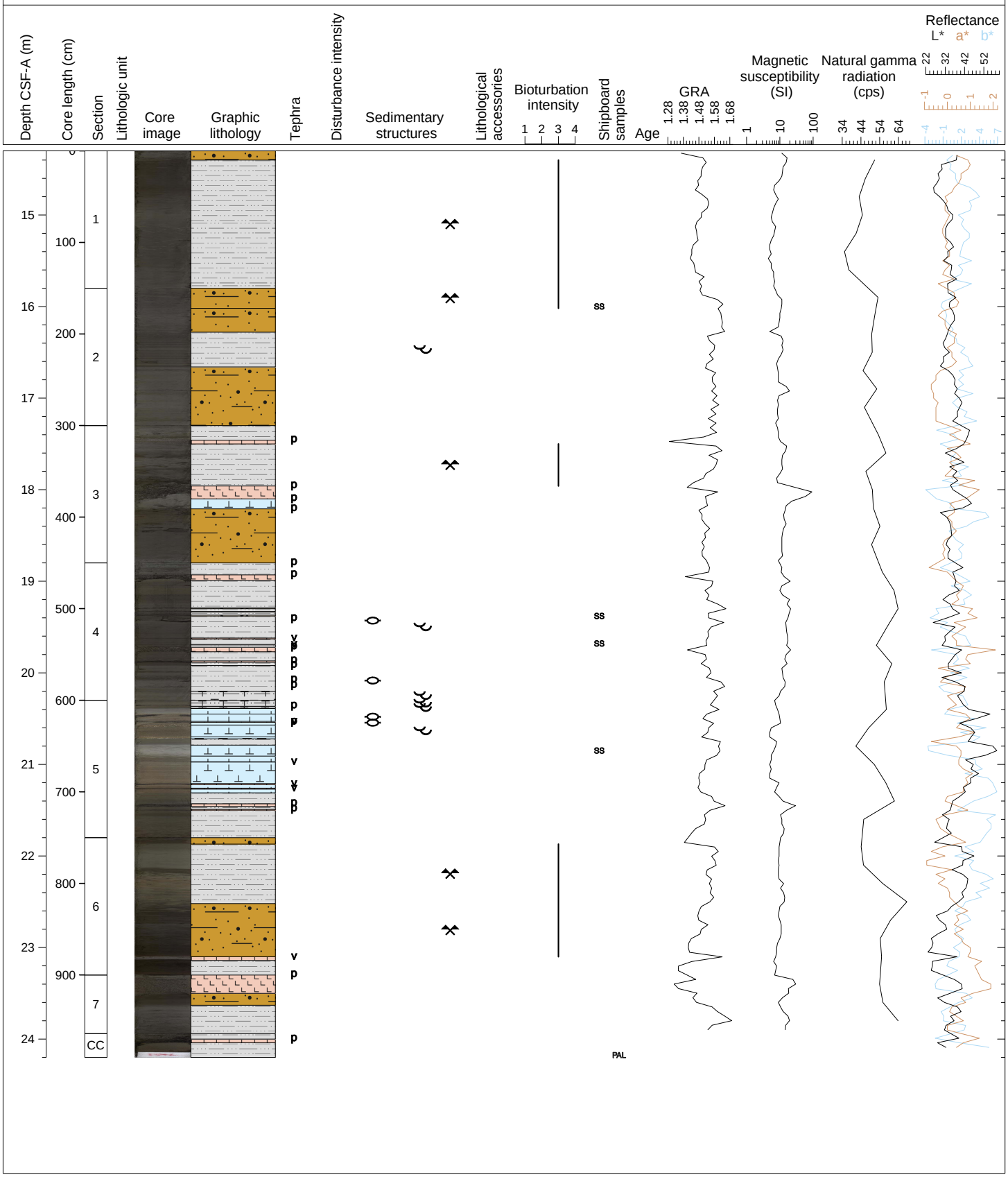
Hole 346-U1430C Core 2H, Interval 4.8-14.4 m (CSF-A)

CLAYEY SILT (olive gray), SILTY CLAY (dark olive gray) and SILTY CLAY WITH FORAMINIFERS (dark olive gray), interbedded, with slight to heavy bioturbation and decimeter-scale color banding. A number of thick TEPHRA layers (all but two pumiceous) are present in Sections 2, 3, 4, 5, and 6.



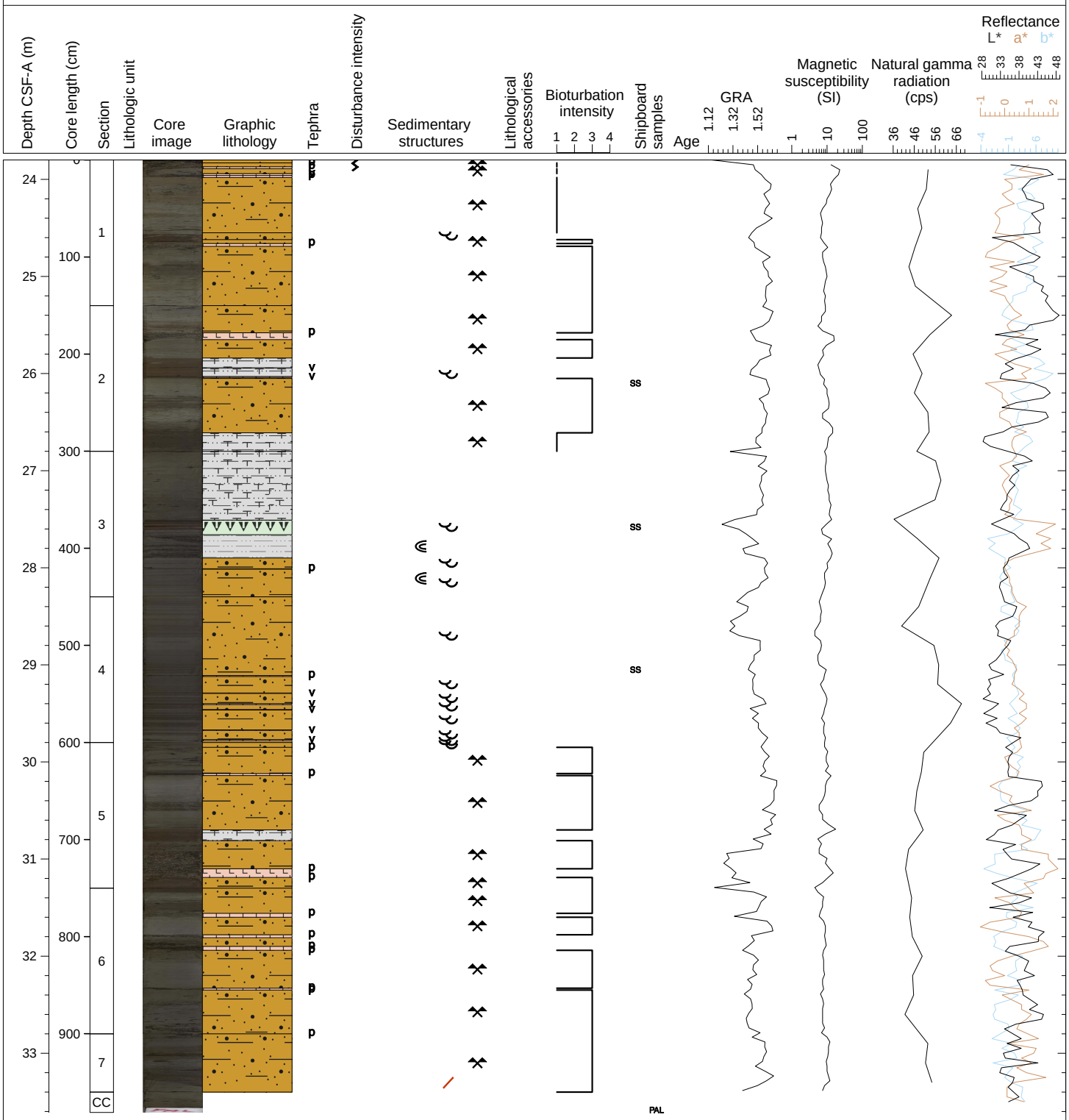
Hole 346-U1430C Core 3H, Interval 14.3-24.2 m (CSF-A)

SILTY CLAY (olive gray), CLAYEY SILT (dark olive gray), FORAMINIFER-RICH SILTY CLAY (dark olive gry), and NANNOFOSSIL OOZE (light greenish gray), interbedded, with slight to heavy bioturbation and decimeter-scale color bandng reflecting the alternating lithologies. Numerous TEPHRA layers (pumice and vitric type) occur throughout the core, and a sharp erosional contact occurs in association with a large pumiceous tephra layer in Section 7. Dispersed ash is found throughout the core.



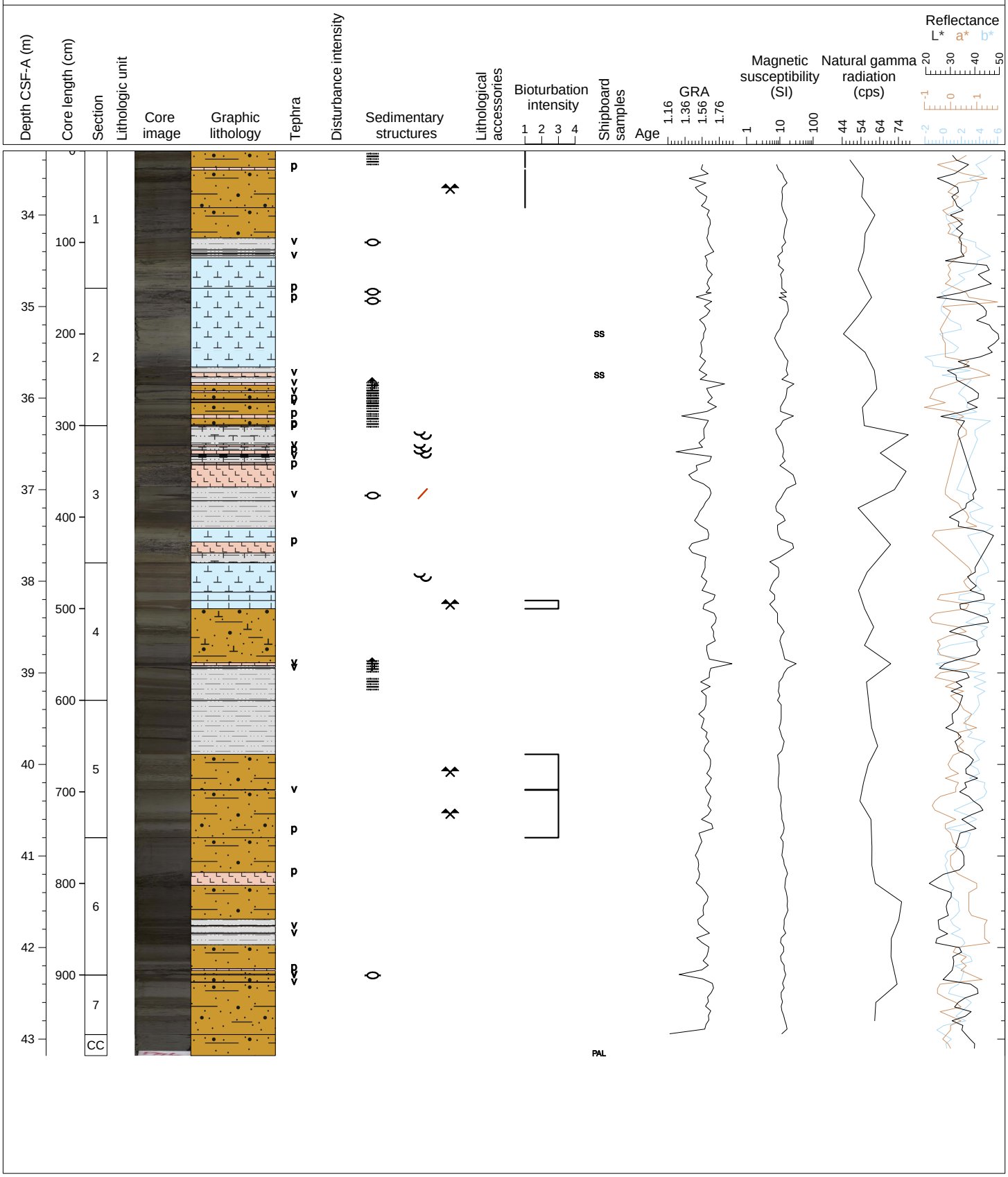
Hole 346-U1430C Core 4H, Interval 23.8-33.61 m (CSF-A)

CLAYEY SILT (dark olive gray), SILTY CLAY (olive gray), and FORAMINIFER-RICH CLAYEY SILT (dark olive gray), interbedded, with slight to heavy bioturbation and color banding that reflects the alternating lithologies. A minor interval of laminated DIATOM OOZE (dark brown) is present in Section 3, 71-86 cm, with slump folds immediately below. Numerous thin but distinct TEPHRA layers (pumice and vitric type) occur throughout the core. A small microfault is observed in Section 7 and dispersed ash is common throughout.



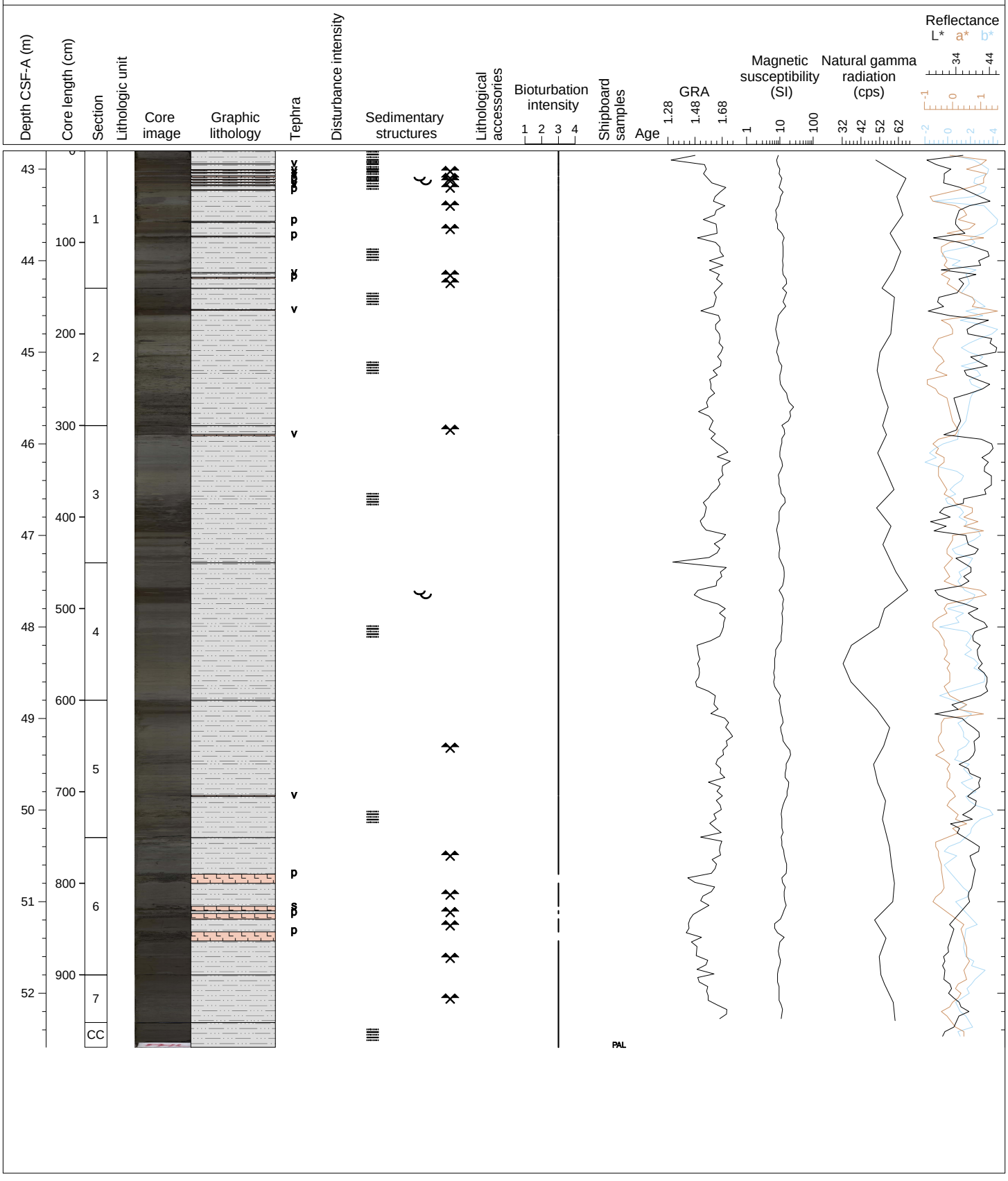
Hole 346-U1430C Core 5H, Interval 33.3-43.18 m (CSF-A)

SILTY CLAY (olive gray), CLAYEY SILT (greenish gray), FORAMINIFER-RICH CLAYEY SILT (dark olive gray), and FORAMINIFER-RICH NANNOFOSSIL OOZE (dark olive gray), interbeddded, with slight to heavy bioturbation and color banding that reflects the alternating lithologies. Some finely laminated intervals are preserved in Sections 3 and 4. Numerous thin TEPHRA layers (pumice and vitric type) occur throughout the core. A small microfault is observed in Section 4 and dispersed ash is present in minor quantities throughout.



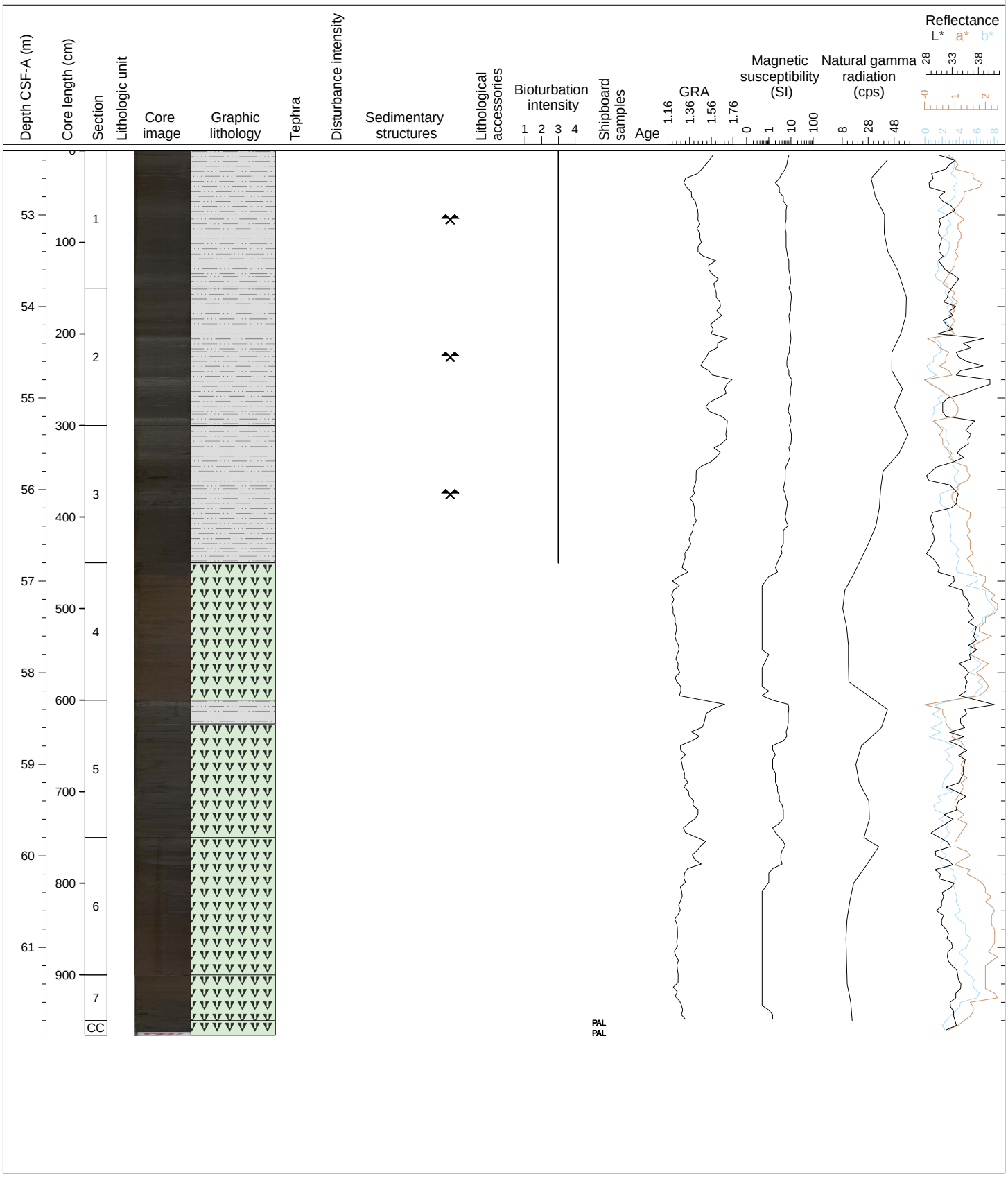
Hole 346-U1430C Core 6H, Interval 42.8-52.59 m (CSF-A)

SILTY CLAY and CLAYEY SILT (greenish gray to dark olive gray), interbedded and prominently color banded. Heavy bioturbation but not sufficient to wipe out color banding which occurs on a decimeter scale. Numerous thin TEPHRA layers (pumice, scoria, vitric) are present throughout the core.



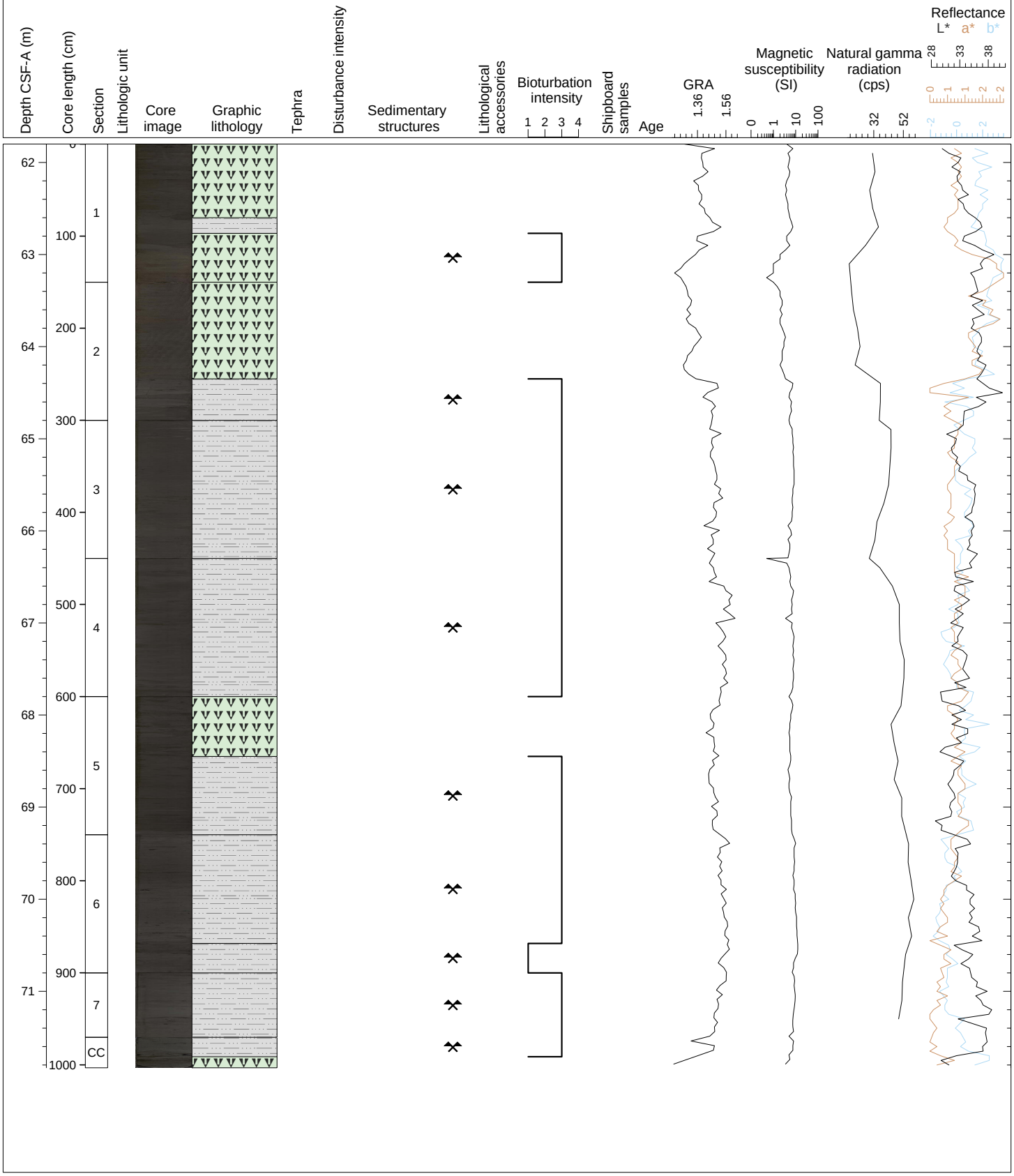
Hole 346-U1430C Core 7H, Interval 52.3-61.96 m (CSF-A)

DIATOM-RICH SILTY CLAY (dark gray) grading downcore into DIATOM OOZE (olive gray), with prominent color banding. A disturbed and chaotic interval containing discrete PUMICE pebbles is observed in Section 3, 60-90 cm. Bioturbation is generally heavy.



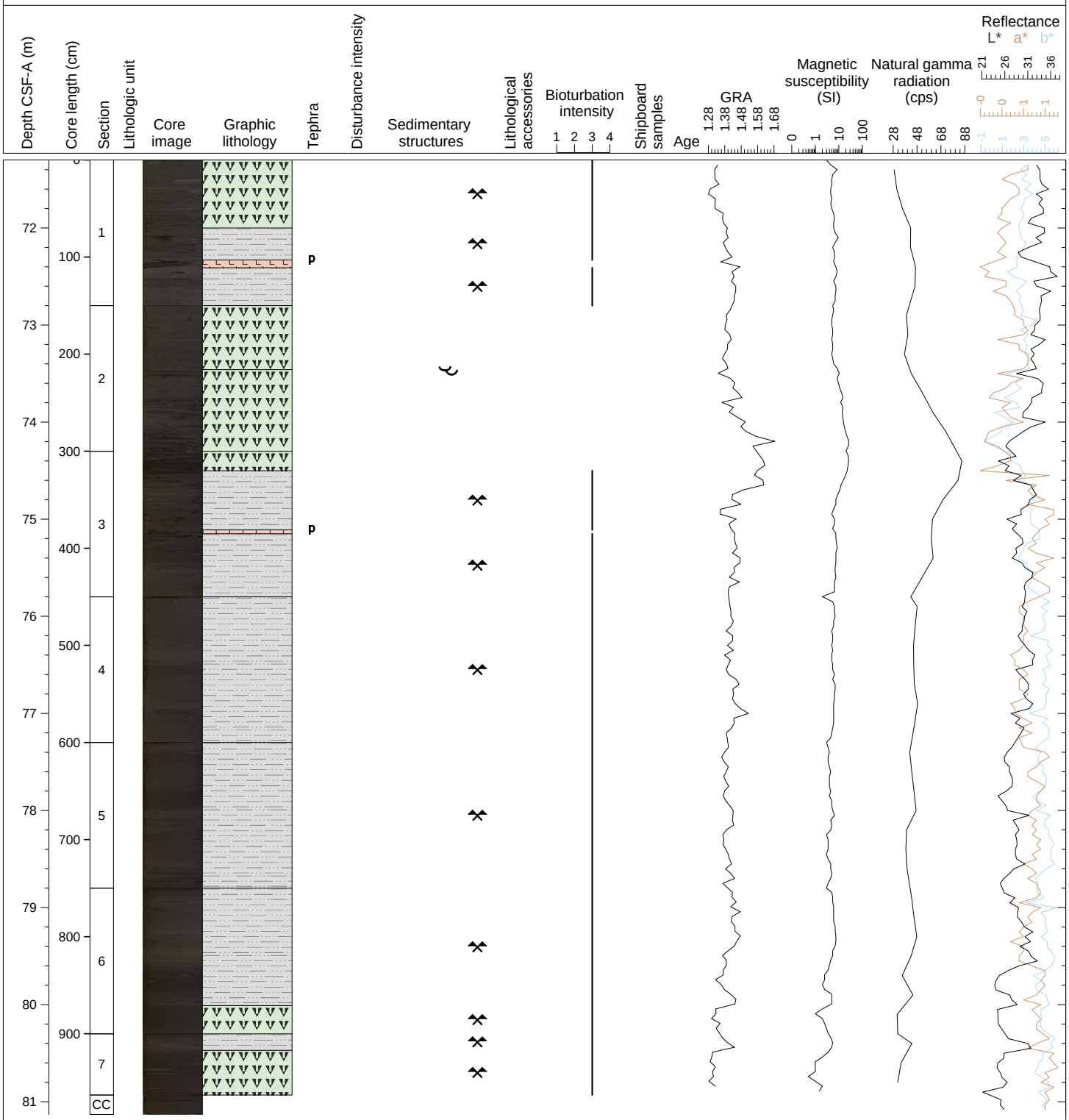
Hole 346-U1430C Core 8H, Interval 61.8-71.83 m (CSF-A)

DIATOM-RICH SILTY CLAY, SILTY CLAY and DIATOM OOZE (dark gray), interbedded, with varying bioturbation, mostly heavy. Minor amounts of TEPHRA (pumice type) are found dispersed throughout Sections 6 and 7. Minor disturbance from gas expansion.



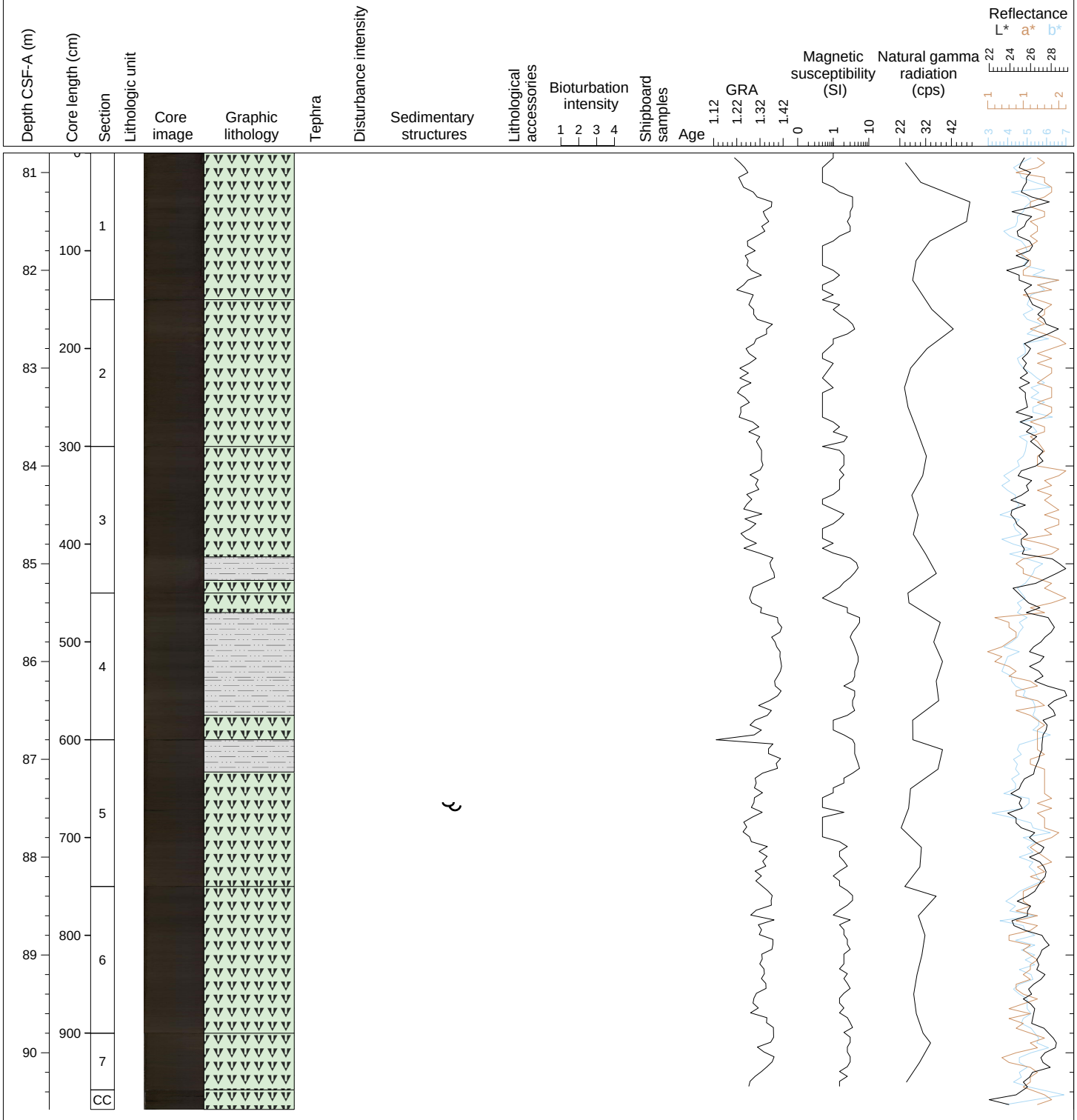
Hole 346-U1430C Core 9H, Interval 71.3-81.13 m (CSF-A)

DIATOM-RICH SILTY CLAY (dark gray), SILTY CLAY (dark olive gray) and DIATOM OOZE (very dark grayish brown), interbedded, with heavy bioturbation. Two discrete TEPHRA layers (pumice type) are found at Section 1, 108-111 cm, and Section 3, 81-85 cm, and minor amounts of dispersed pumice are observed throughout Sections 1 and 4. An interval of disturbed, chaotic strata is present in Section 2, 66-150 cm, and extends into Section 3, 0-20 cm. This interval consists of diatom ooze mixed with pumice and glauconite. Indurated clay chips are found in the diatom ooze.



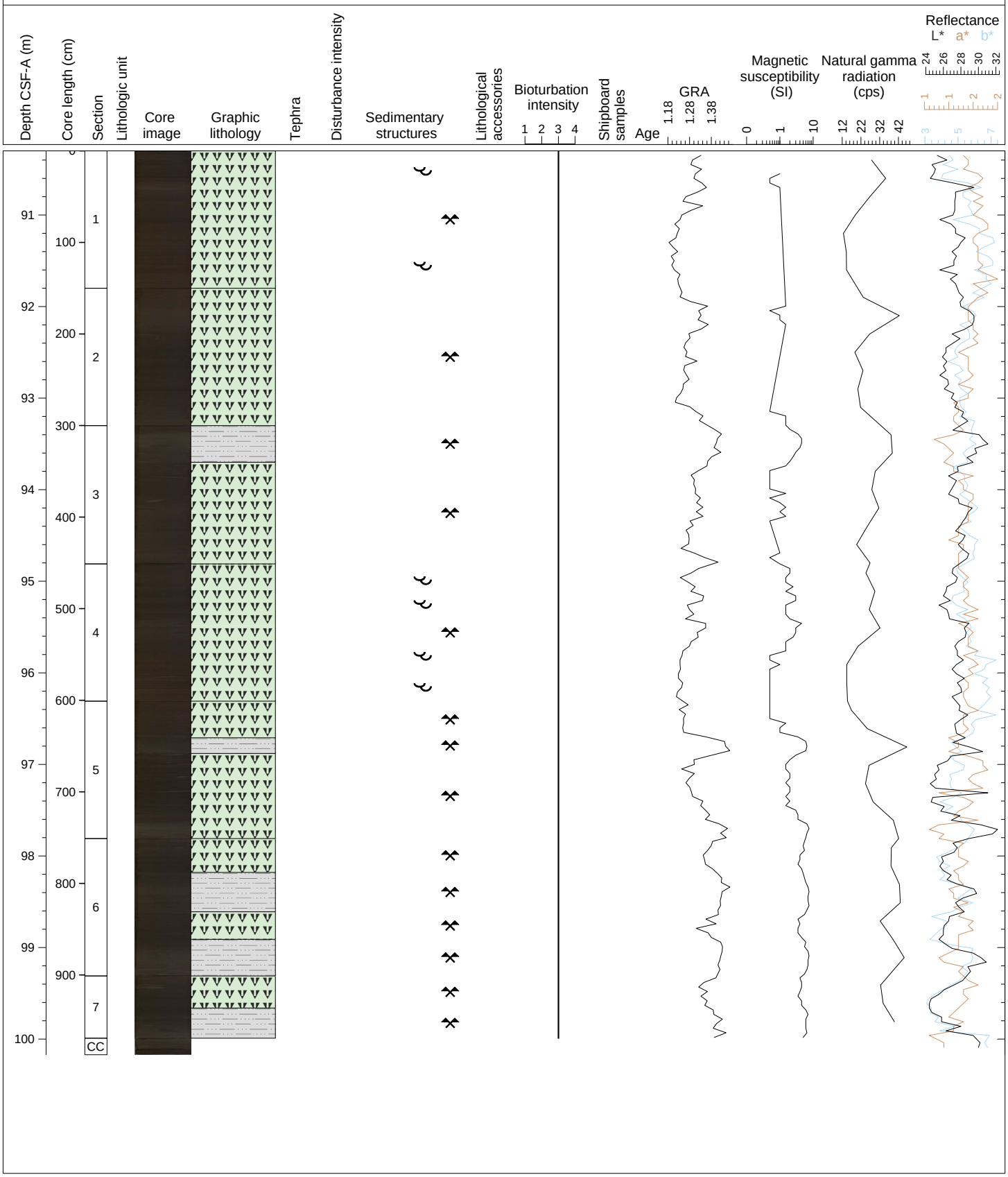
Hole 346-U1430C Core 10H, Interval 80.8-90.58 m (CSF-A)

DIATOM OOZE and DIATOM-RICH SILTY CLAY (very dark grayish brown), interbedded. Evidence of only slight bioturbation, with preservation of faint lamination throughout and a distinct interval of lamination in Section 5, 57-80 cm.



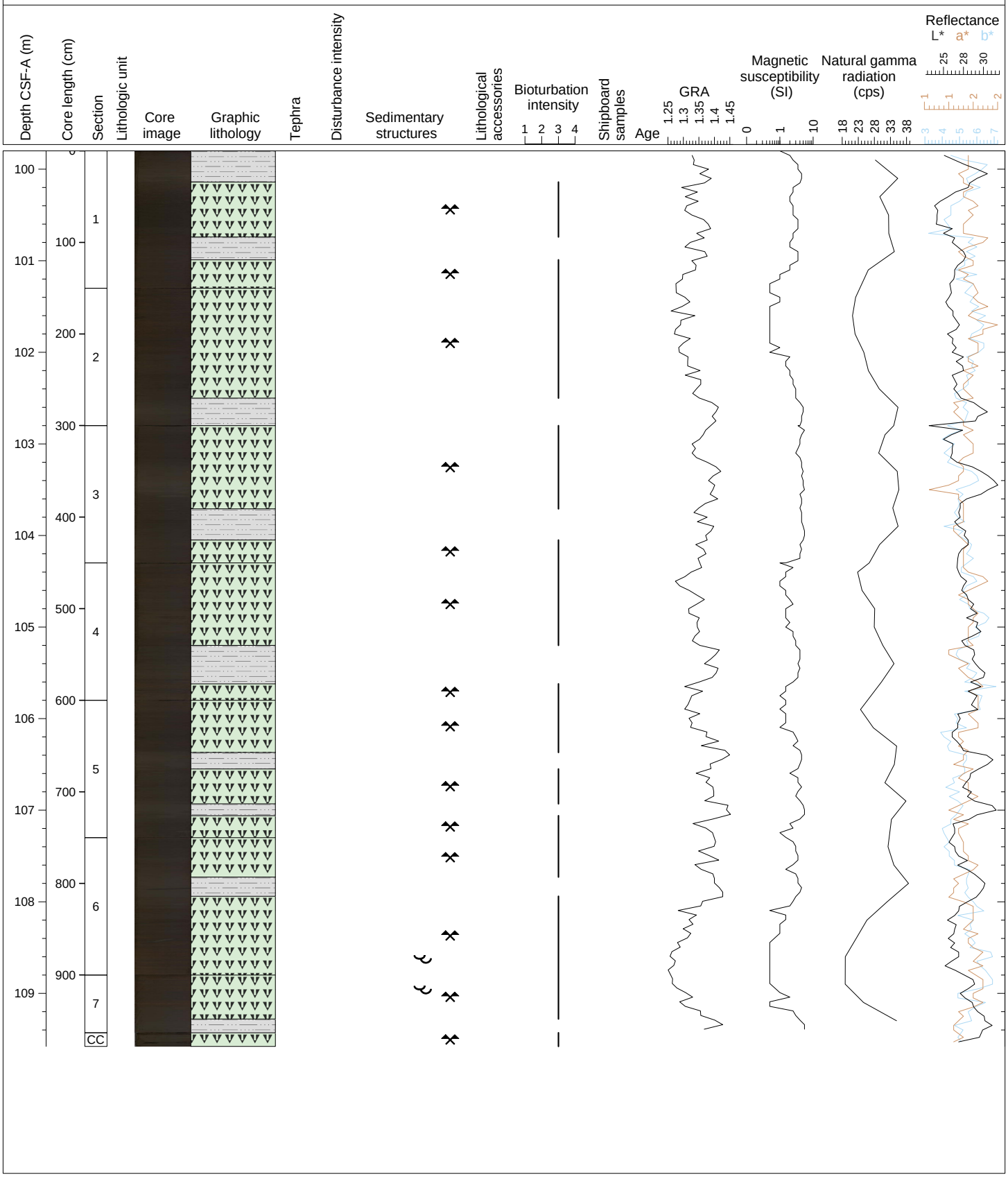
Hole 346-U1430C Core 11H, Interval 90.3-100.17 m (CSF-A)

DIATOM OOZE and DIATOM-BEARING SILTY CLAY (very dark grayish brown), interbedded, with faint lamination visible throughout and more distinct lamination in Sections 1 and 4. Moderate to heavy bioturbation, except in the laminated intervals.



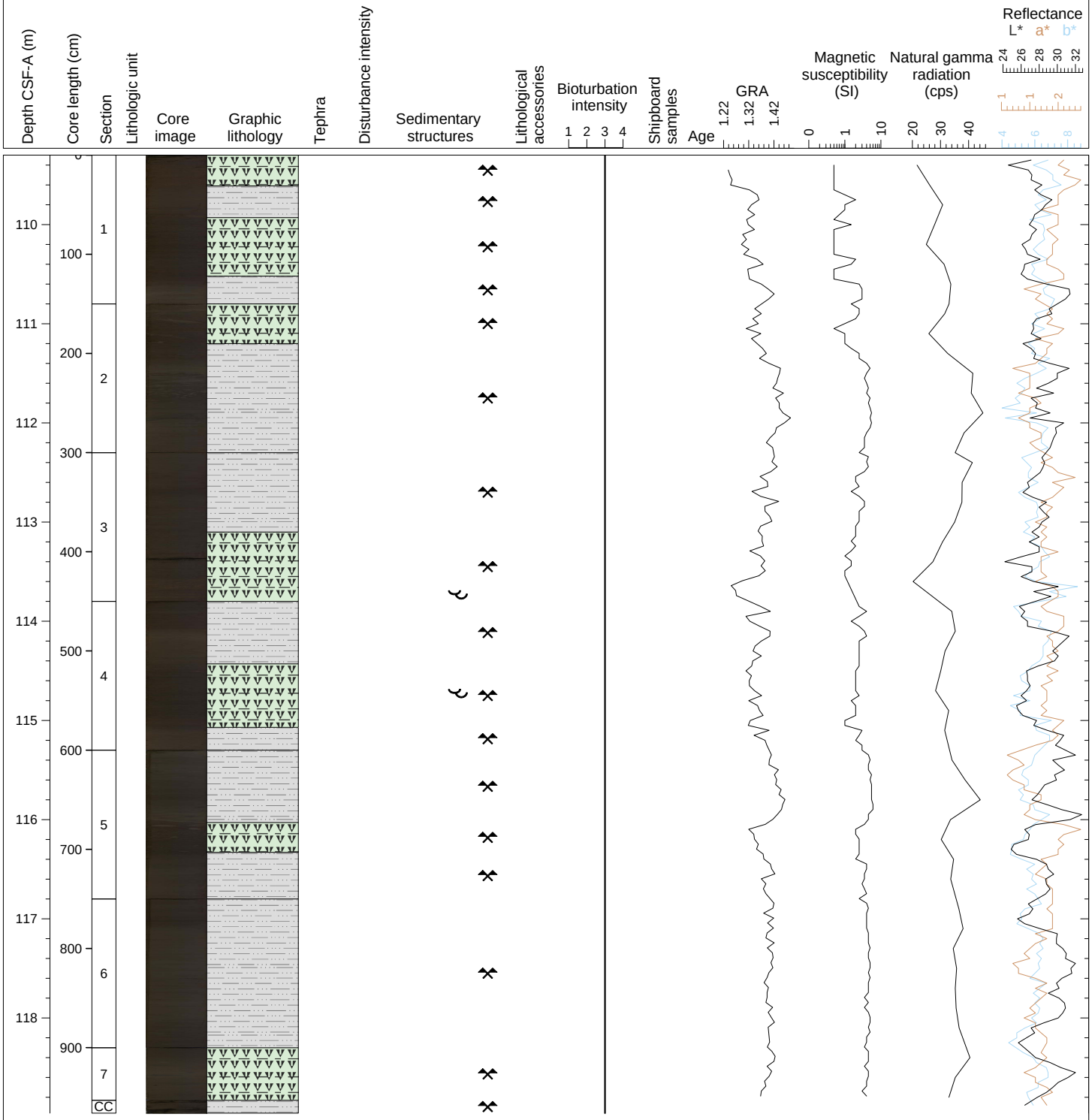
Hole 346-U1430C Core 12H, Interval 99.8-109.58 m (CSF-A)

DIATOM OOZE and DIATOM-BEARING SILTY CLAY (very dark grayish brown). Moderate to heavy bioturbation except for a laminated interval that spans Section 6, 116-150 cm, and Section 7, 0-33 cm.



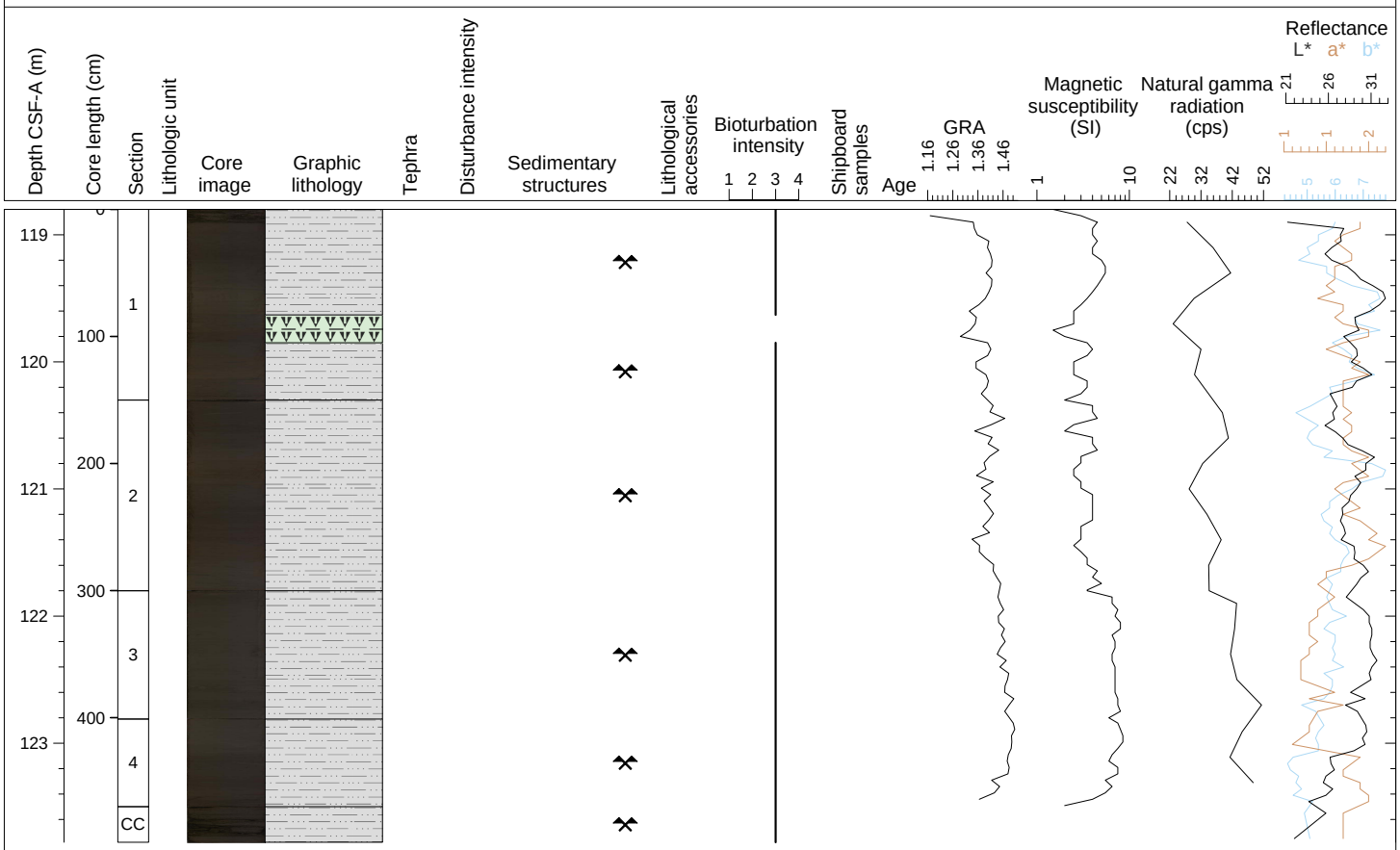
Hole 346-U1430C Core 13H, Interval 109.3-118.96 m (CSF-A)

DIATOM-BEARING SILTY CLAY (very dark grayish brown) alternating with CLAYEY DIATOM OOZE. Faint preserved laminations are visible throughout and are only slightly bioturbated. In non-laminated intervals, heavy bioturbation is evident, with large burrows visible in the diatom-bearing clay.



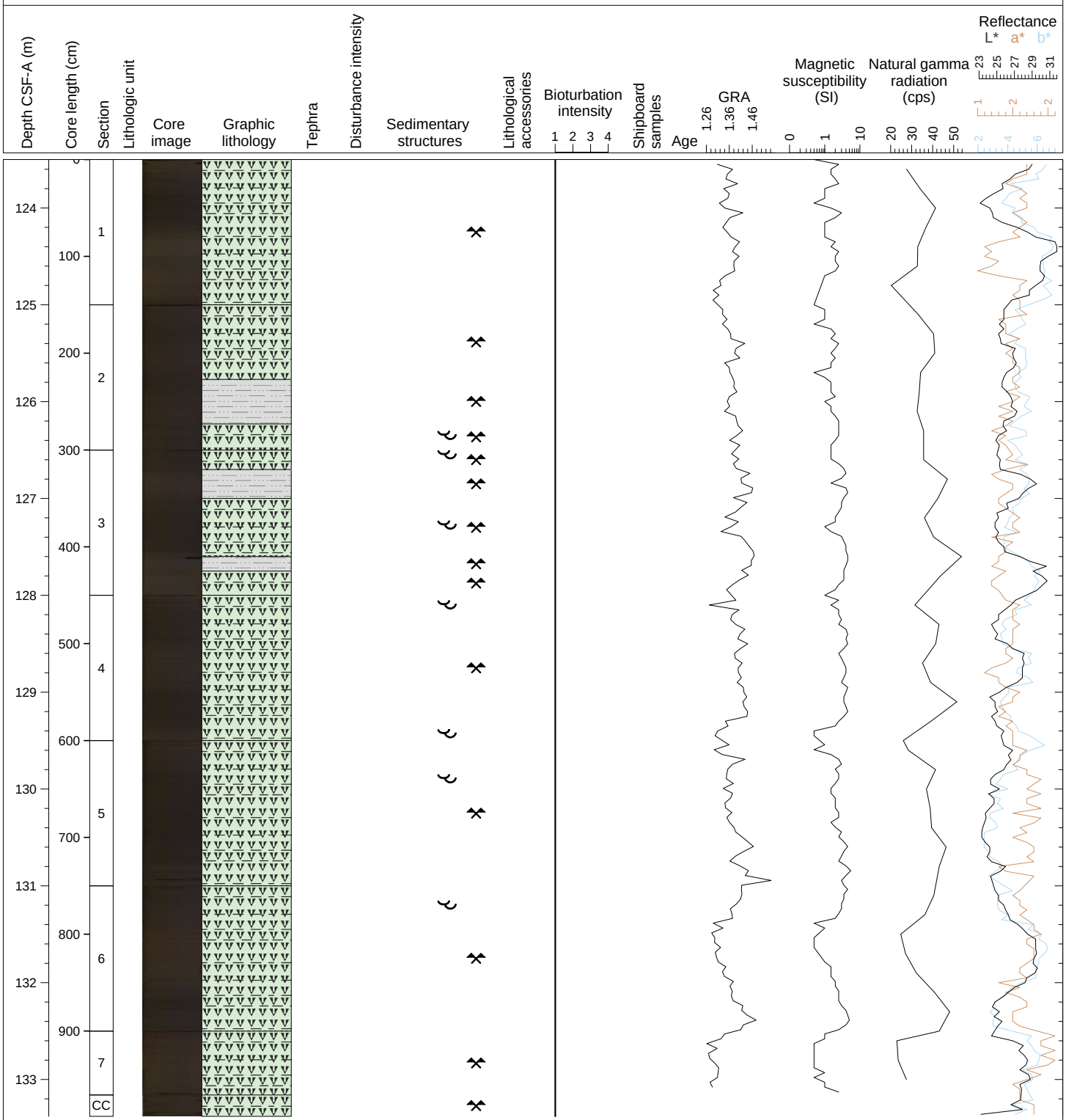
Hole 346-U1430C Core 14H, Interval 118.8-123.78 m (CSF-A)

DIATOM-BEARING SILTY CLAY (very dark grayish brown), with CLAYEY DIATOM OOZE as a minor lithology. Faint laminations are preserved over much of the sequence. Minor disturbance from gas expansion.



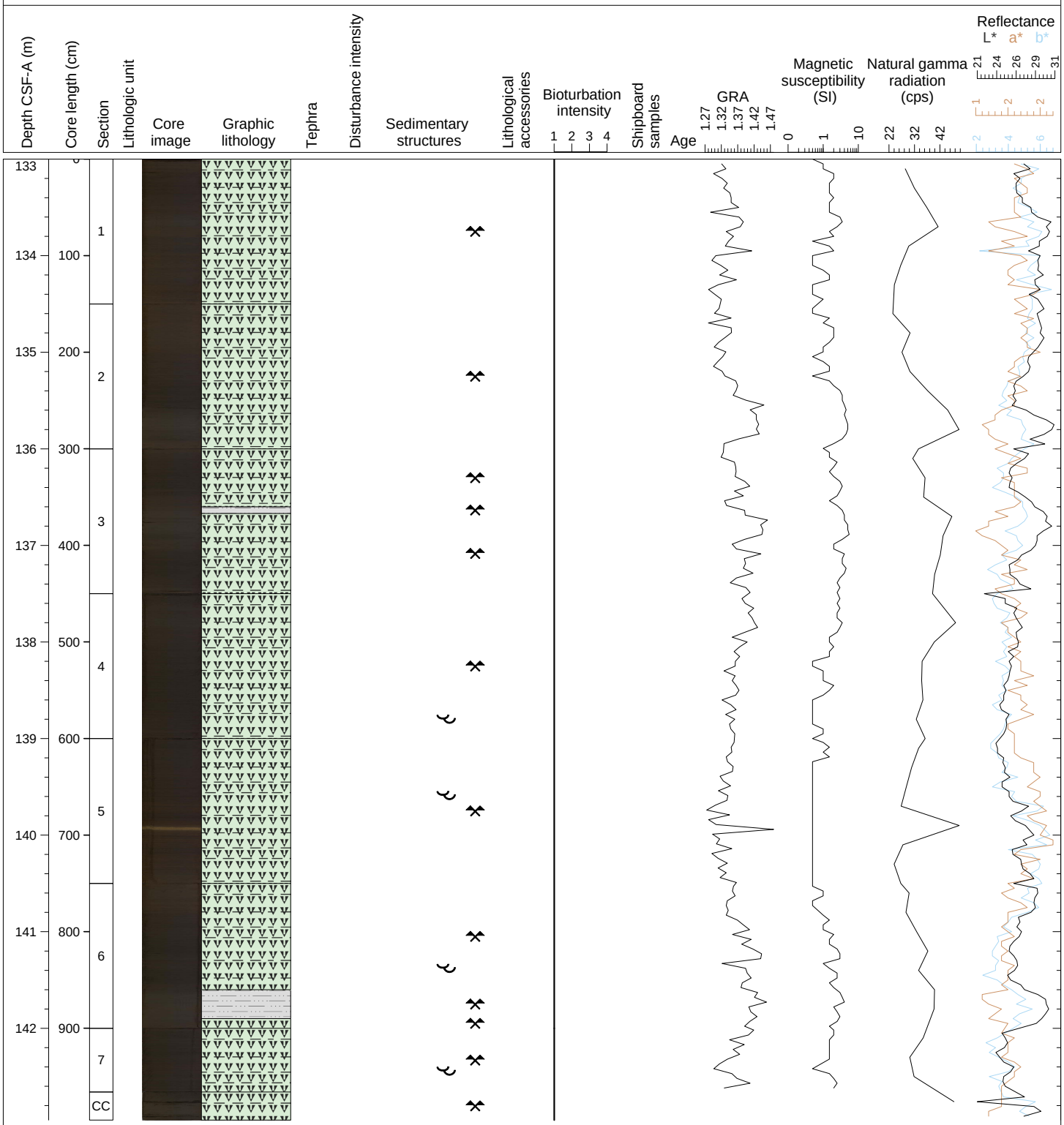
Hole 346-U1430C Core 15H, Interval 123.5-133.38 m (CSF-A)

CLAYEY DIATOM OOZE (very dark grayish brown) alternating with DIATOM-BEARING SILTY CLAY. Faint lamination visible in Sections 2, 3, 4, 5 and 6. Bioturbation is slight throughout with minor disturbance from gas expansion.



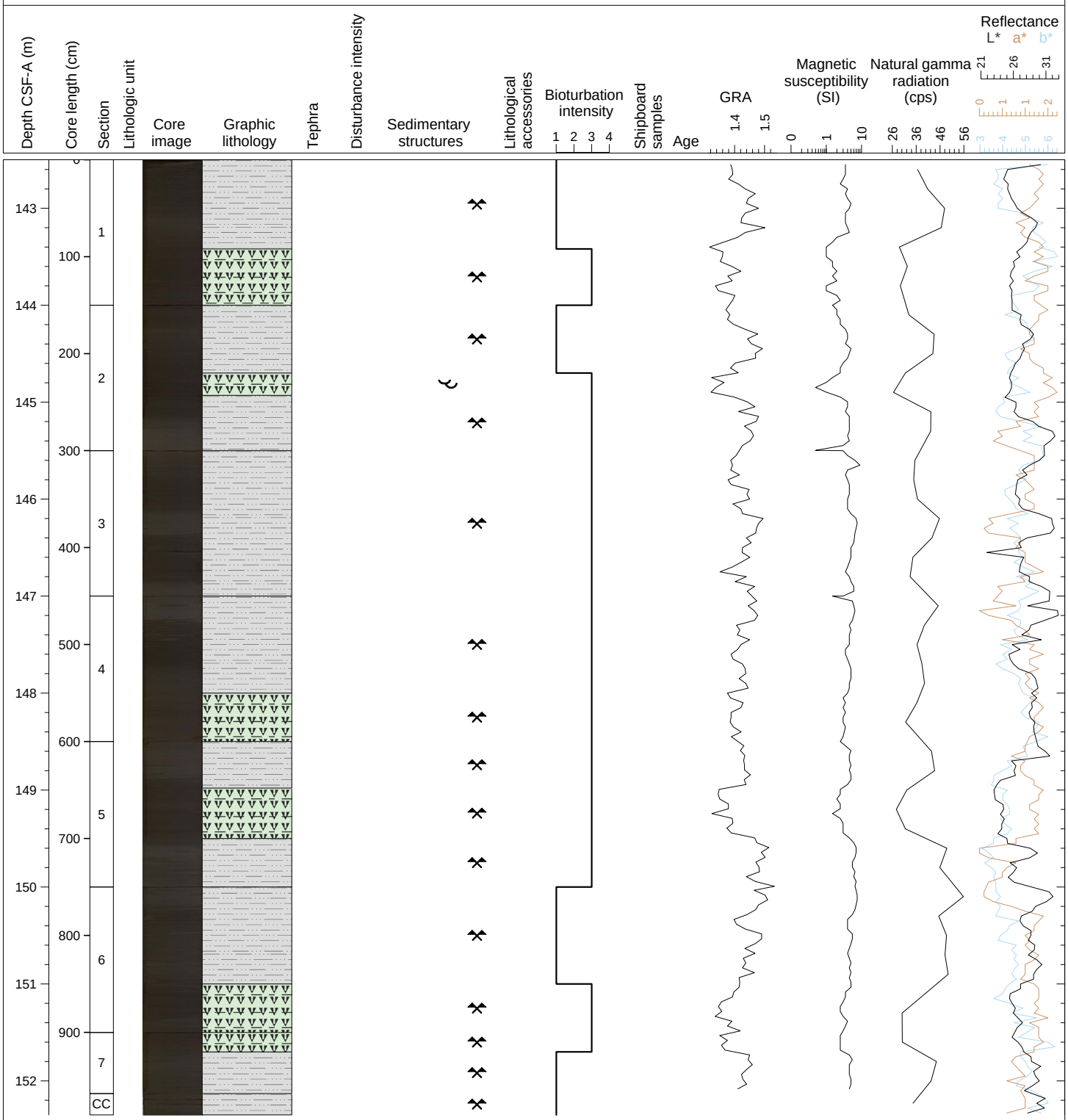
Hole 346-U1430C Core 16H, Interval 133.0-142.95 m (CSF-A)

CLAYEY DIATOM OOZE (very dark grayish brown) with some interbedded DIATOM-BEARING SILTY CLAY. Faint lamination is visble throughout and well laminated intervals are found in Sections 4, 5, 6 and 7. Slight bioturbation is evident in non-laminated intervals.



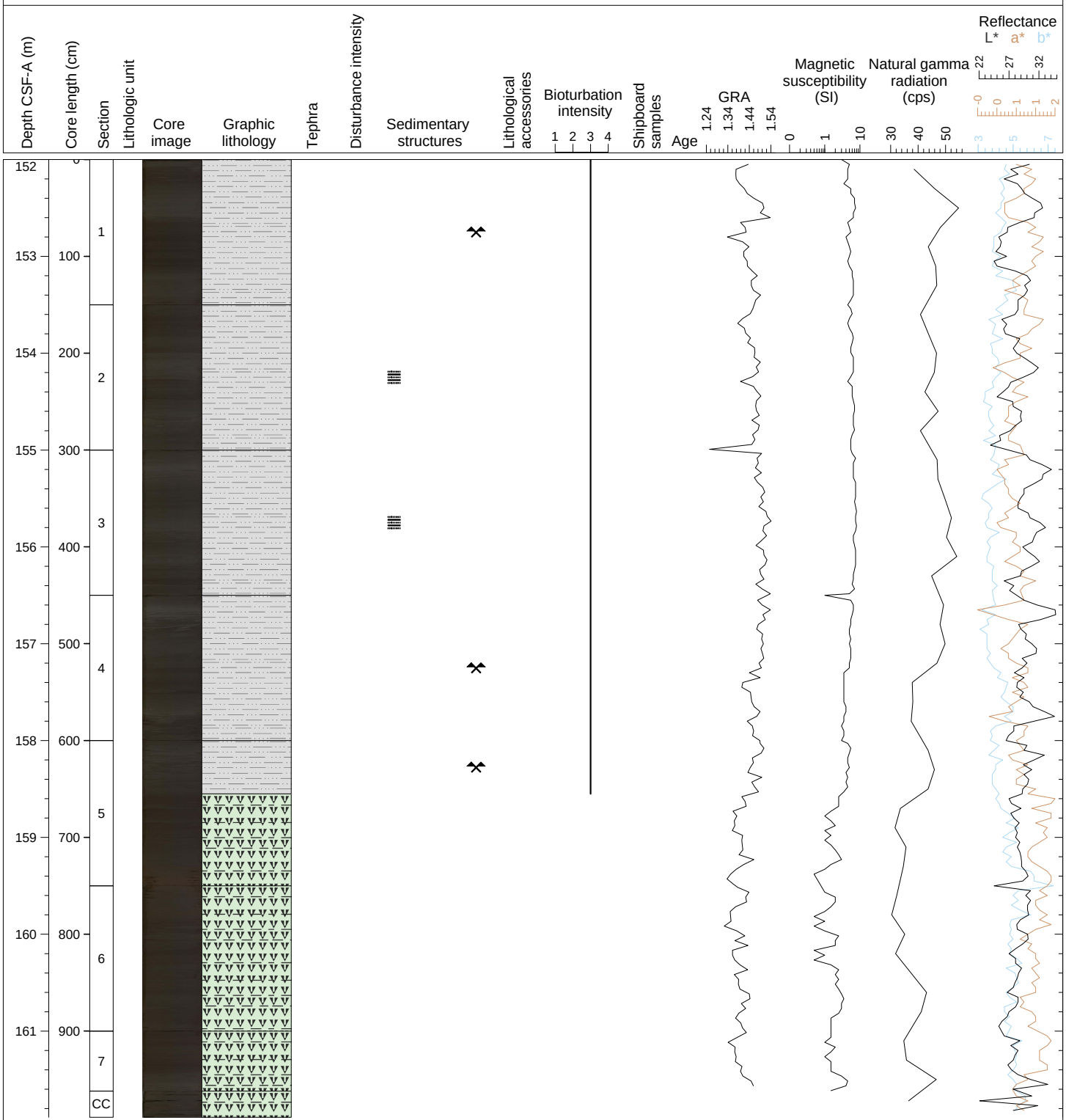
Hole 346-U1430C Core 17H, Interval 142.5-152.35 m (CSF-A)

DIATOM-BEARING SILTY CLAY (dark grayish brown) with interbedded CLAYEY DIATOM OOZE (very dark grayish brown) and minor intervals of CLAYEY DIATOM OOZE WITH RADIOLARIANS. Decimeter-scale color banding accompanies the lithologic alternations, with finer laminations observed in Section 2. Slight to heavy bioturbation is evident in the non-laminated layers. Sponge spicules and radiolarians are scattered at various levels on the surface and can be seen with the naked eye.



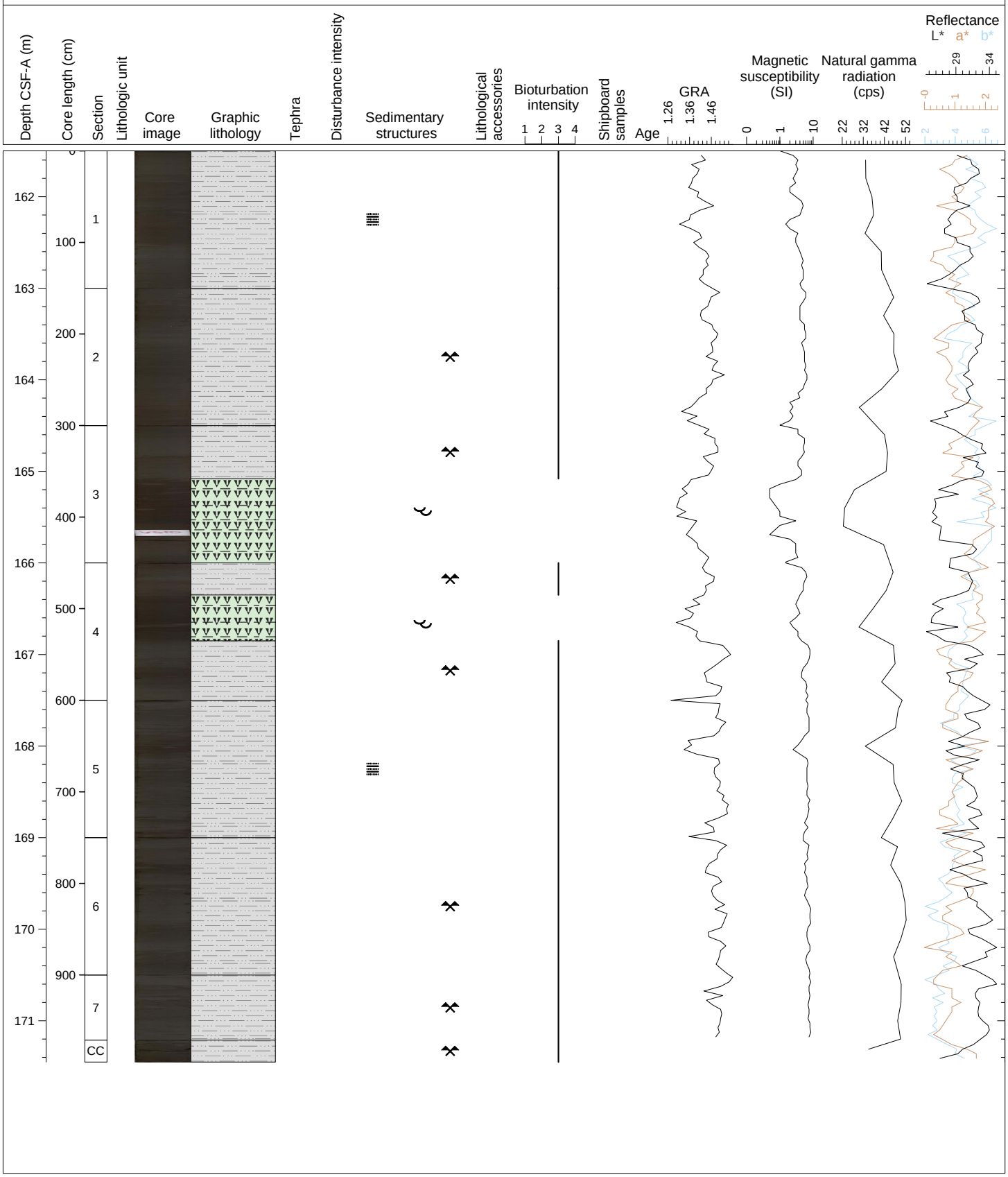
Hole 346-U1430C Core 18H, Interval 152.0-161.89 m (CSF-A)

DIATOM-BEARING SILTY CLAY (dark grayish brown) overlying CLAYEY DIATOM OOZE WITH RADIOLARIANS (very dark grayish brown). Color banding and slight to heavy bioturbation throughout, none in laminated layers. Sponge spicules and scattered glauconite are present on the split core surface and in smear slides.



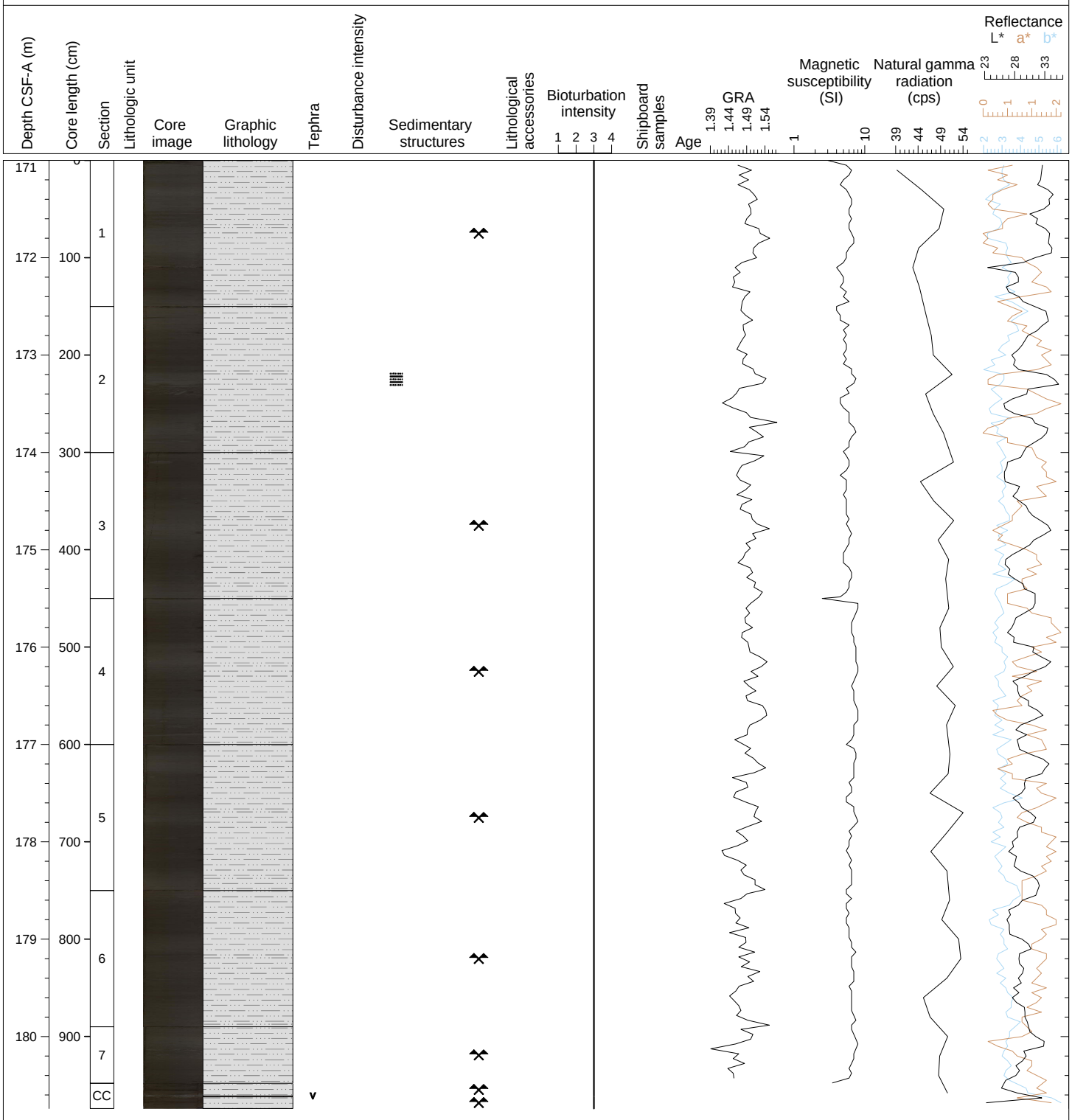
Hole 346-U1430C Core 19H, Interval 161.5-171.45 m (CSF-A)

Dominantly DIATOM-BEARING SILTY CLAY (dark grayish brown) with minor interbedded CLAYEY DIATOM OOZE (very dark grayish brown). Faintly laminated intervals are observed in Sections 3, 4 and 5. Color banding and slight to heavy bioturbation throughout, none in laminated layers. Large burrows are mainly found in the silty clay. Sponge spicules and scattered glauconite are present on the split surface and in smear slides.



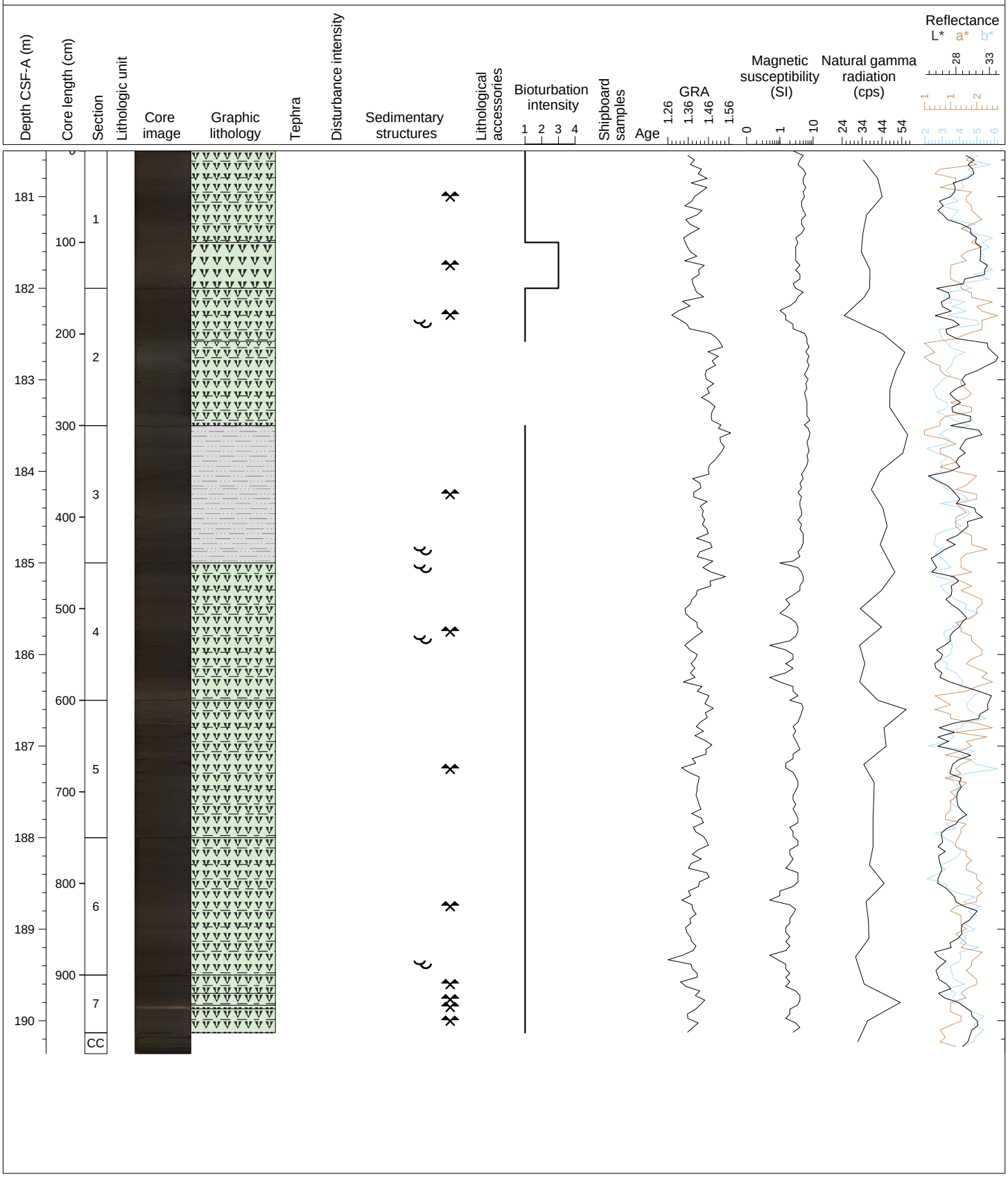
Hole 346-U1430C Core 20H, Interval 171.0-180.74 m (CSF-A)

SILTY CLAY WITH DIATOMS (dark grayish brown), heavily bioturbated but showing decimeter-scale color banding. Sponge spicules and scattered glauconite are visible on the split core surface. A thin (1-cm) vitric TEPHRA layer is present in the CC.



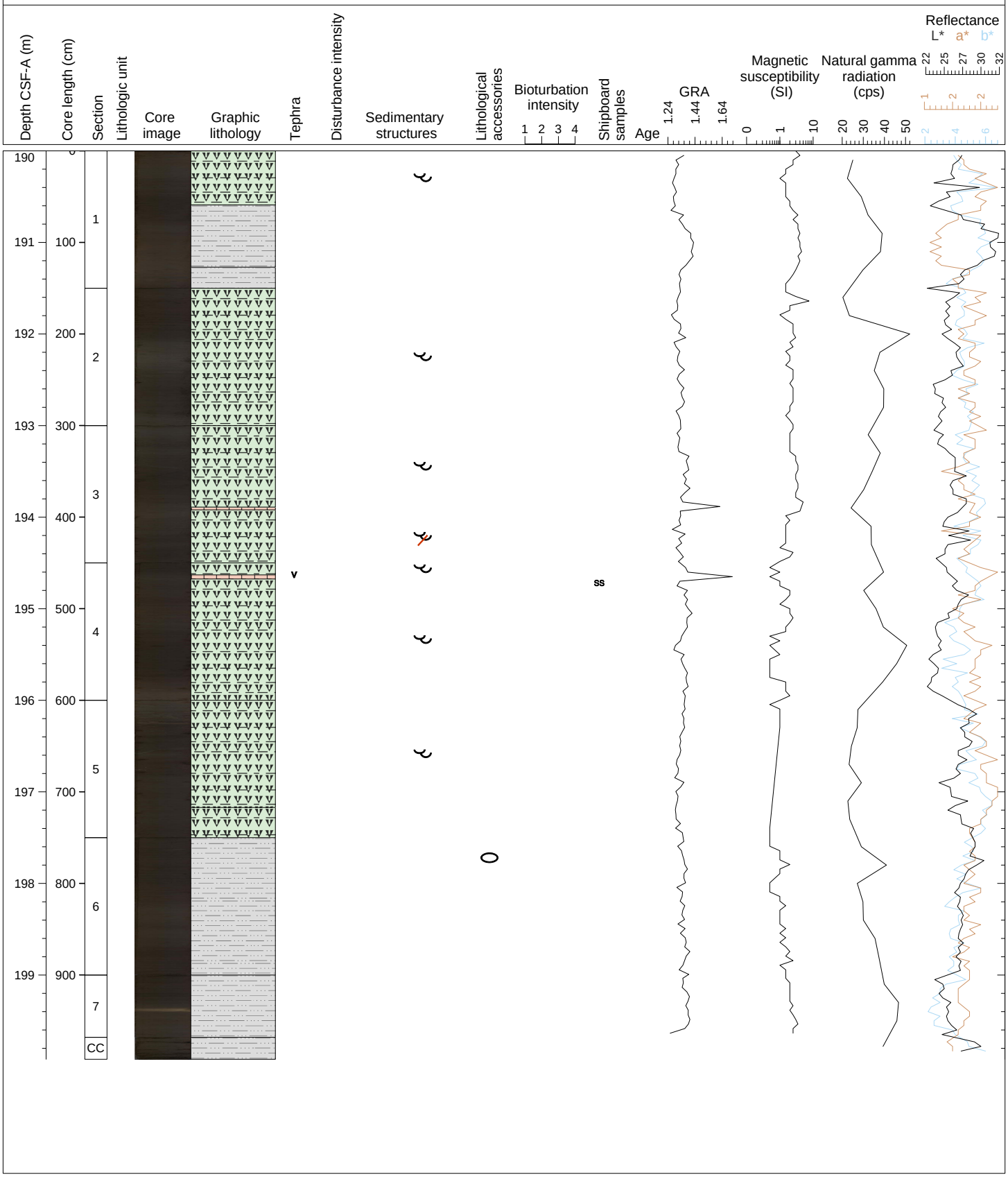
Hole 346-U1430C Core 21H, Interval 180.5-190.36 m (CSF-A)

CLAYEY DIATOM OOZE WITH RADIOLARIANS (very dark grayish brown) and SILTY CLAY WITH DIATOMS as a minor lithology. Subtle color banding is evident and faint laminations are observed throughout. Intervals of more distinct lamination are present in Sections 1 ,2 3 and 7. Sponge spicules and radiolarians are visible to the naked eye scattered on the split core surface. Irregular contacts are observed in Sections 3 and 5, possibly related to a fault or slumping. Minor disturbance from gas expansion.



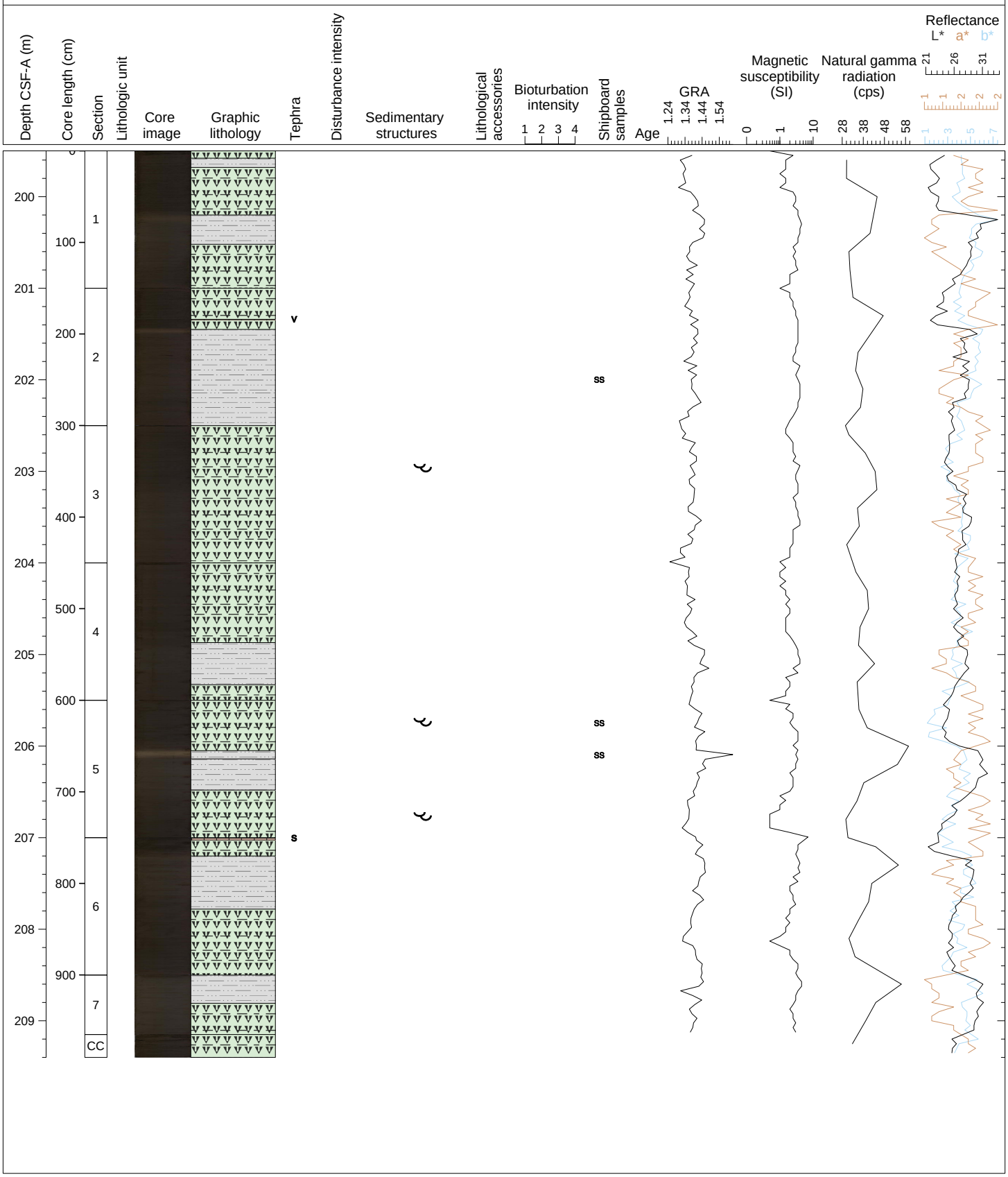
Hole 346-U1430C Core 22H, Interval 190.0-199.92 m (CSF-A)

CLAYEY DIATOM OOZE (very dark grayish brown) and DIATOM-RICH SILTY CLAY, interbedded, with laminated intervals found in Sections 1 through 5. Vitric TEPHRA layers (gray to light gray) are found at Section 3, 89-92 cm, and Section 4, 13-17.5 cm.



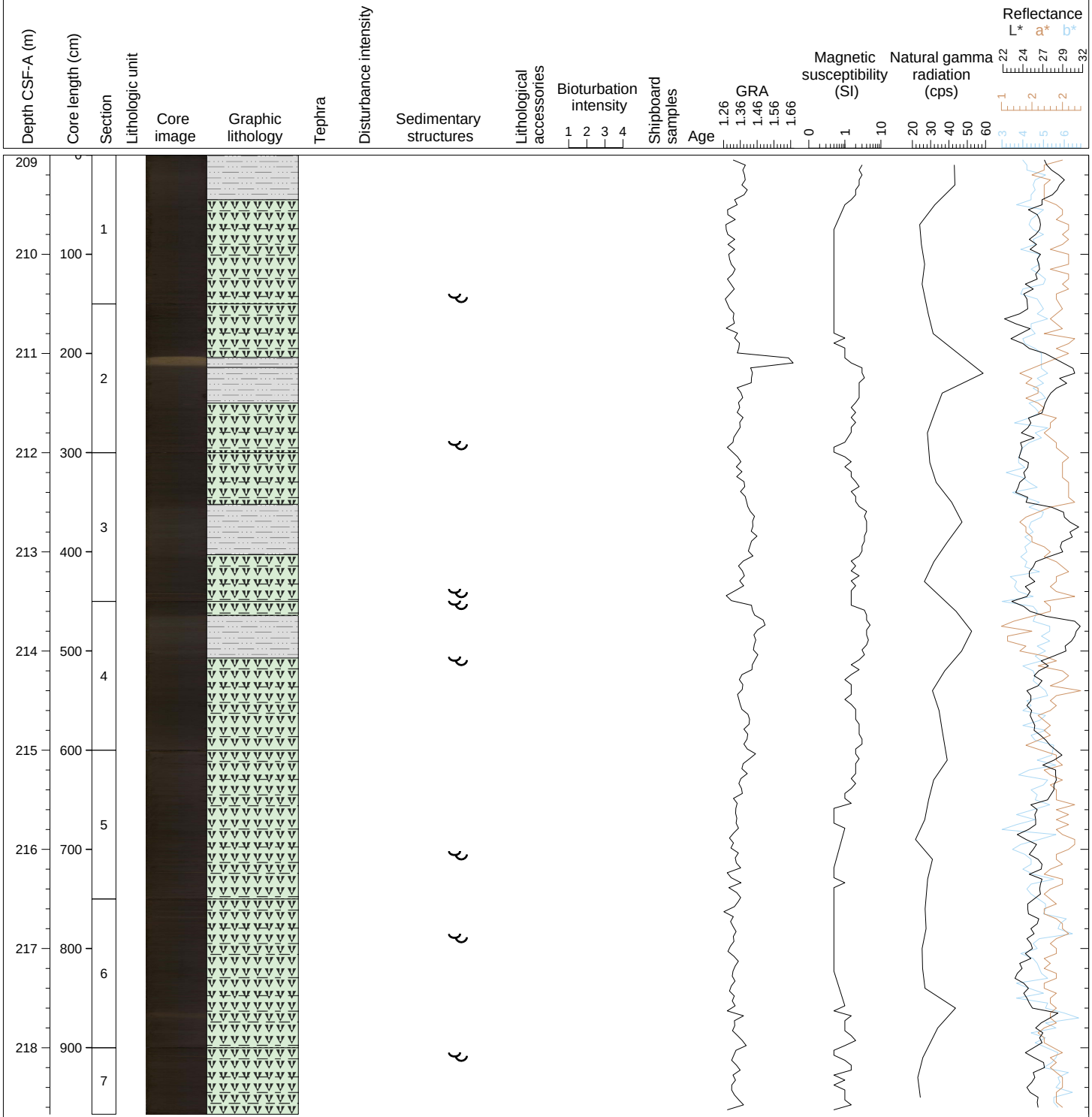
Hole 346-U1430C Core 23H, Interval 199.5-209.4 m (CSF-A)

Interbedded CLAYEY DIATOM OOZE (very dark grayish brown) and DIATOM-RICH SILTY CLAY (olive gray). Some intervals faintly laminated. A thin vitrc TEPHRA layer (light gray) is found in Section 2 and a black scoriaceous TEPHRA layer is present in Section 6.



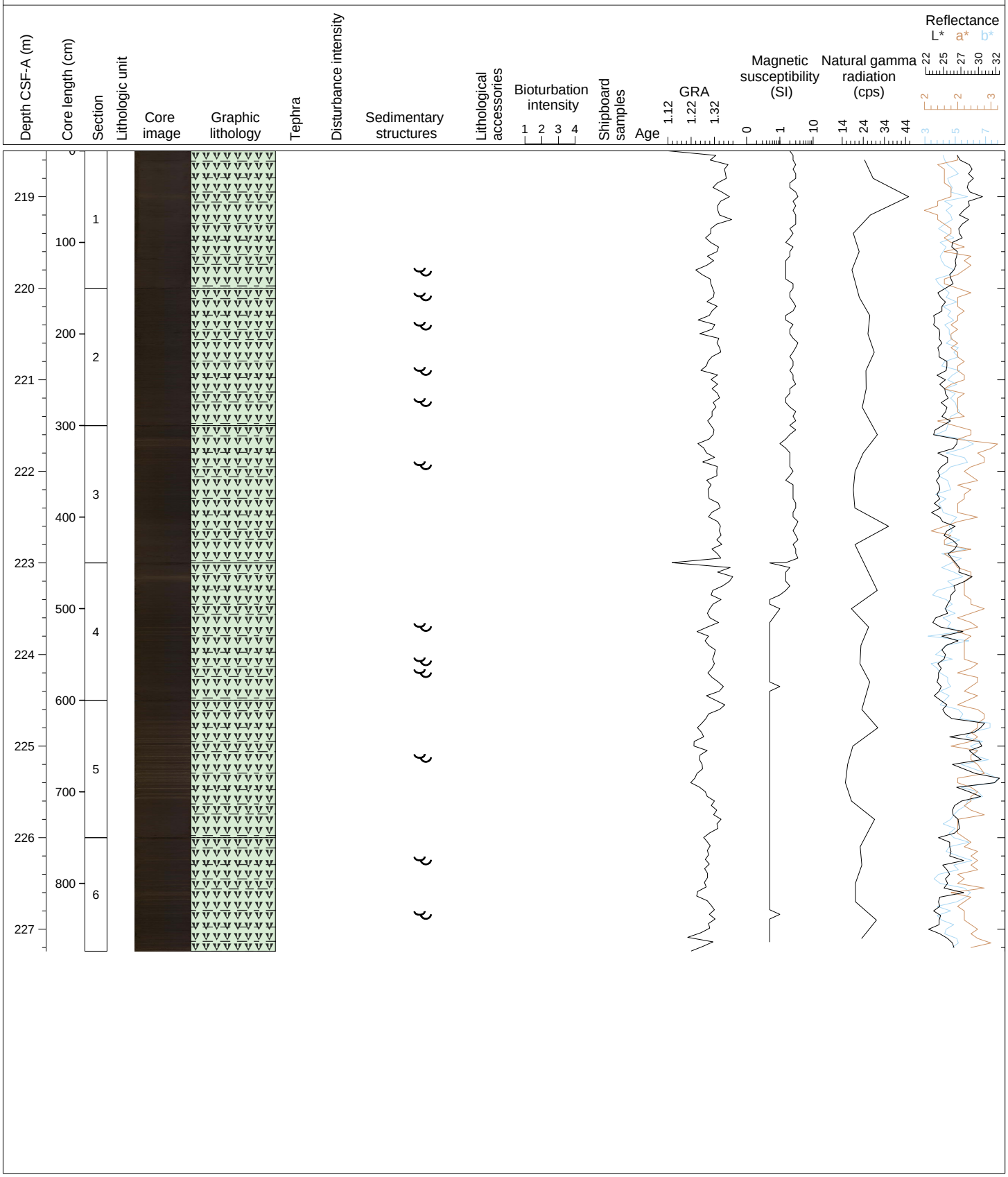
Hole 346-U1430C Core 24H, Interval 209.0-218.67 m (CSF-A)

Interbedded CLAYEY DIATOM OOZE (very dark grayish brown) and DIATOM-RICH SILTY CLAY (olive gray). Prominently laminated intervals are present in Sections 1, 5, and 6.



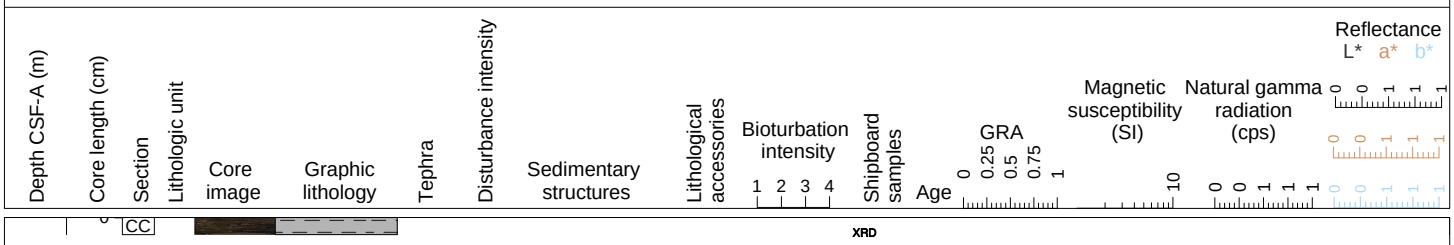
Hole 346-U1430C Core 25H, Interval 218.5-227.24 m (CSF-A)

CLAYEY DIATOM OOZE (very dark grayish brown), generally massive with minor disturbance from gas expansion. Distinct laminations are present in Sections 2, 3, 4, 5, and 6.



Hole 346-U1430C Core 26H, Interval 227.2-227.33 m (CSF-A)

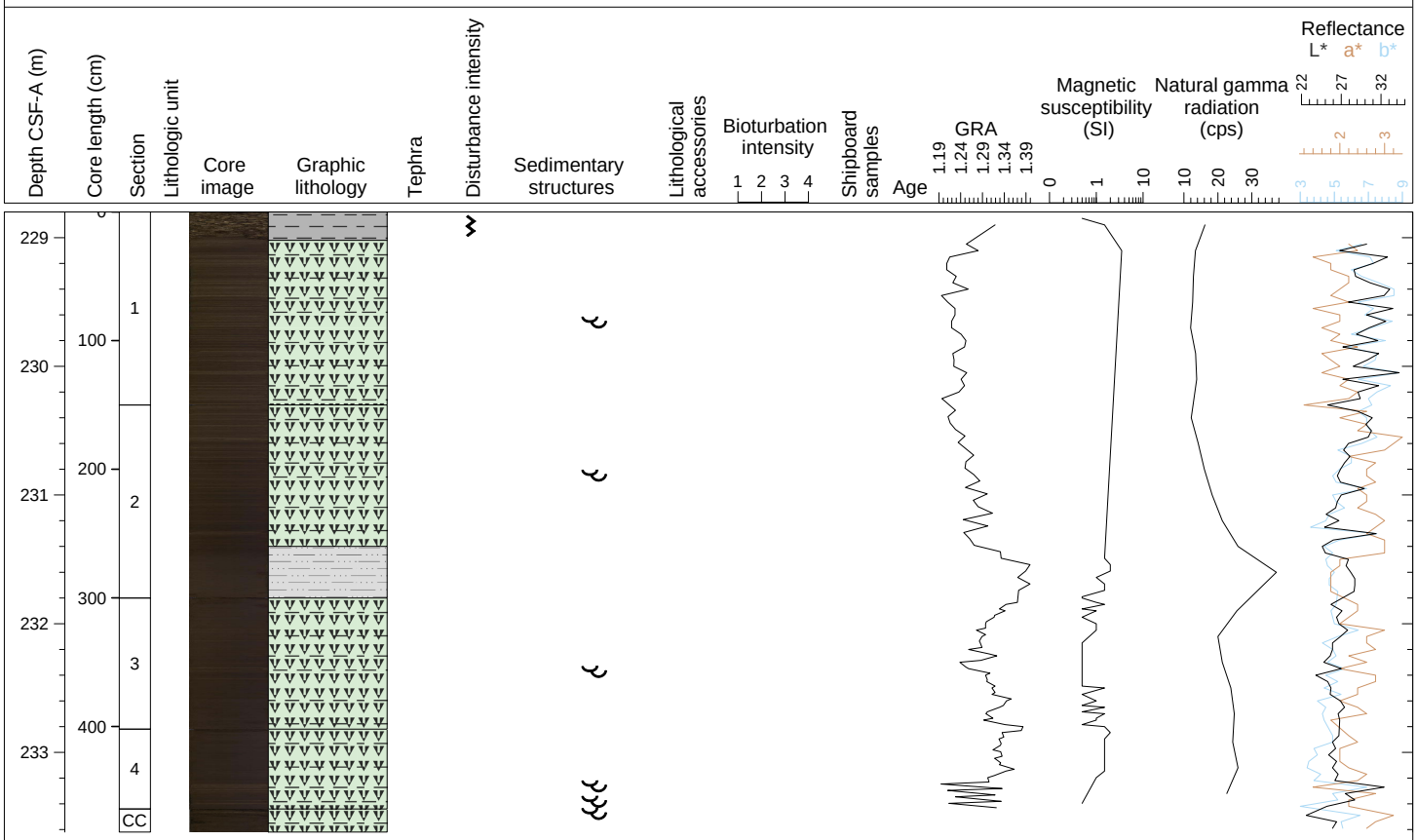
Well indurated CLAYSTONE (olive gray), a total of 13 cm recovered in the CC.



U1430C-27H NO RECOVERY

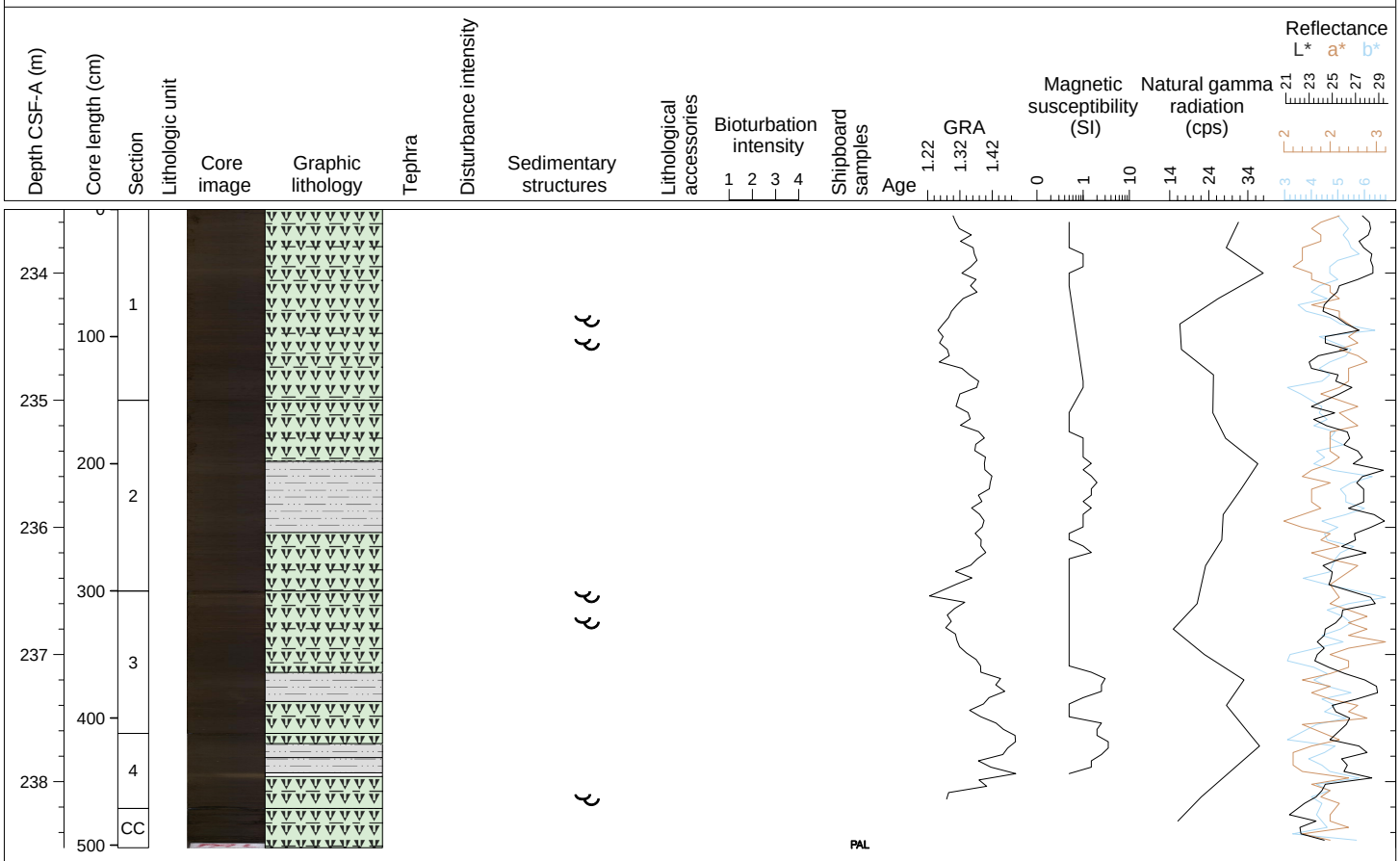
Hole 346-U1430C Core 28H, Interval 228.8-233.62 m (CSF-A)

Well laminated CLAYEY DIATOM OOZE (very dark grayish brown) with an interval of DIATOM-RICH SILTY CLAY in Section 2. The top 22 cm of Section 1 contains a disturbed and fragmented CLAYSTONE that is clearly fall-in from above.



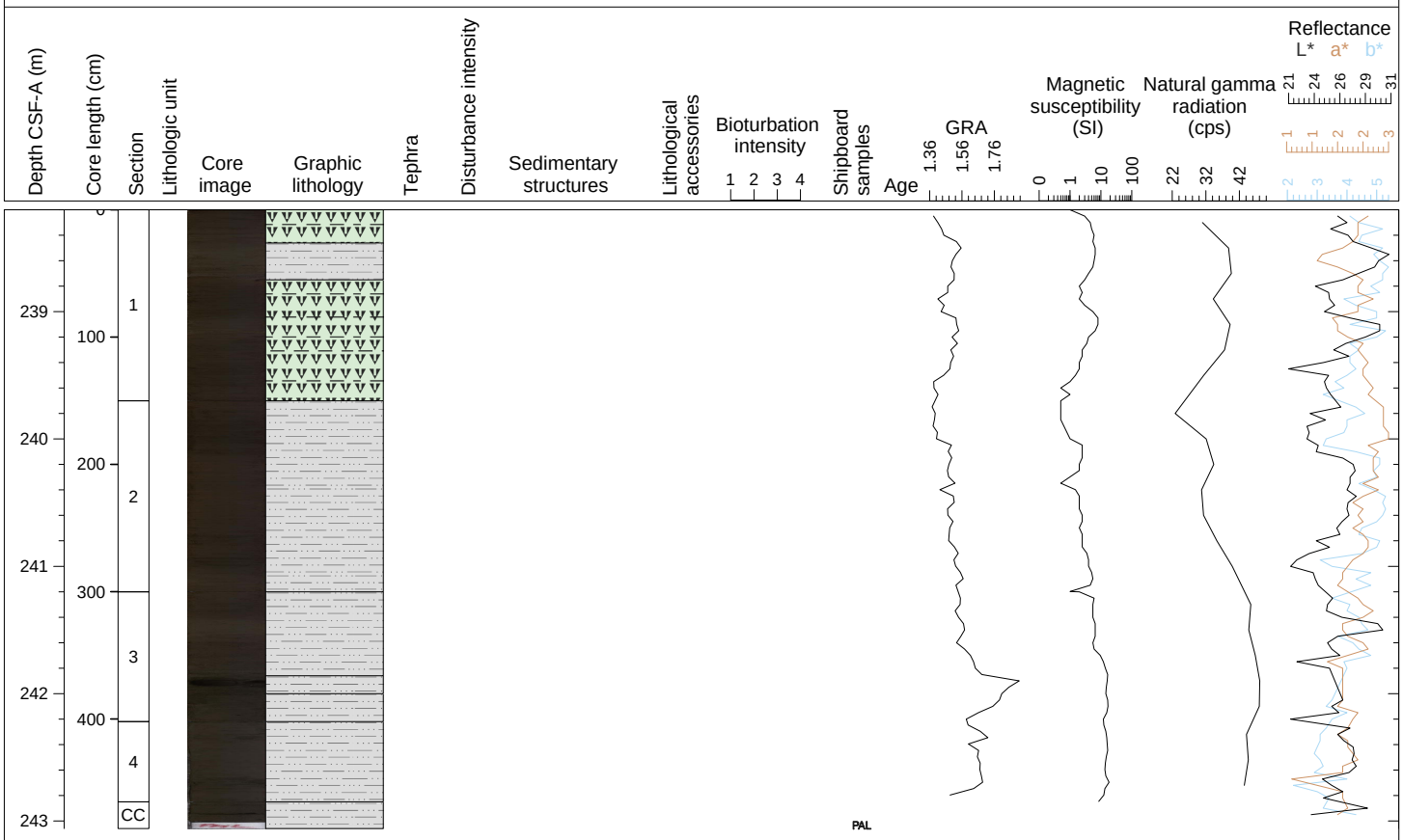
Hole 346-U1430C Core 29H, Interval 233.5-238.52 m (CSF-A)

DIATOM OOZE (very dark grayish brown) and DIATOM-RICH to DIATOM-BEARING SILTY CLAY (very dark grayish brown), interbedded with some slight bioturbation. Short intervals of fine laminations are present in Sections 1, 3 and 4.



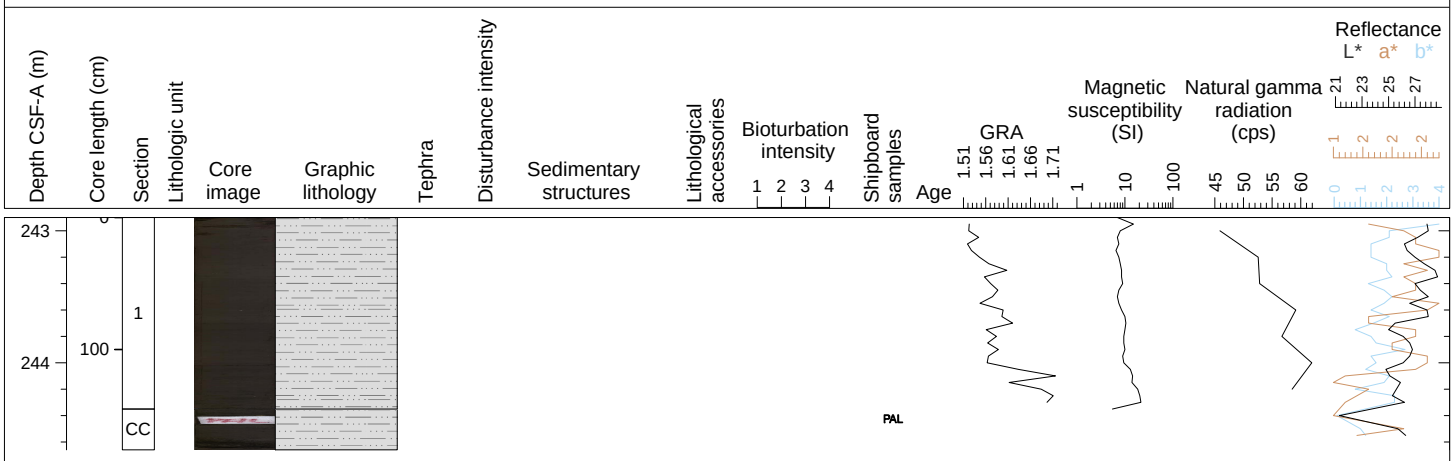
Hole 346-U1430C Core 30H, Interval 238.2-243.06 m (CSF-A)

CLAYEY DIATOM OOZE, DIATOM-RICH SILTY CLAY and DIATOM-BEARING SILTY CLAY (very dark grayish brown), interbedded, with slight to moderate bioturbation.



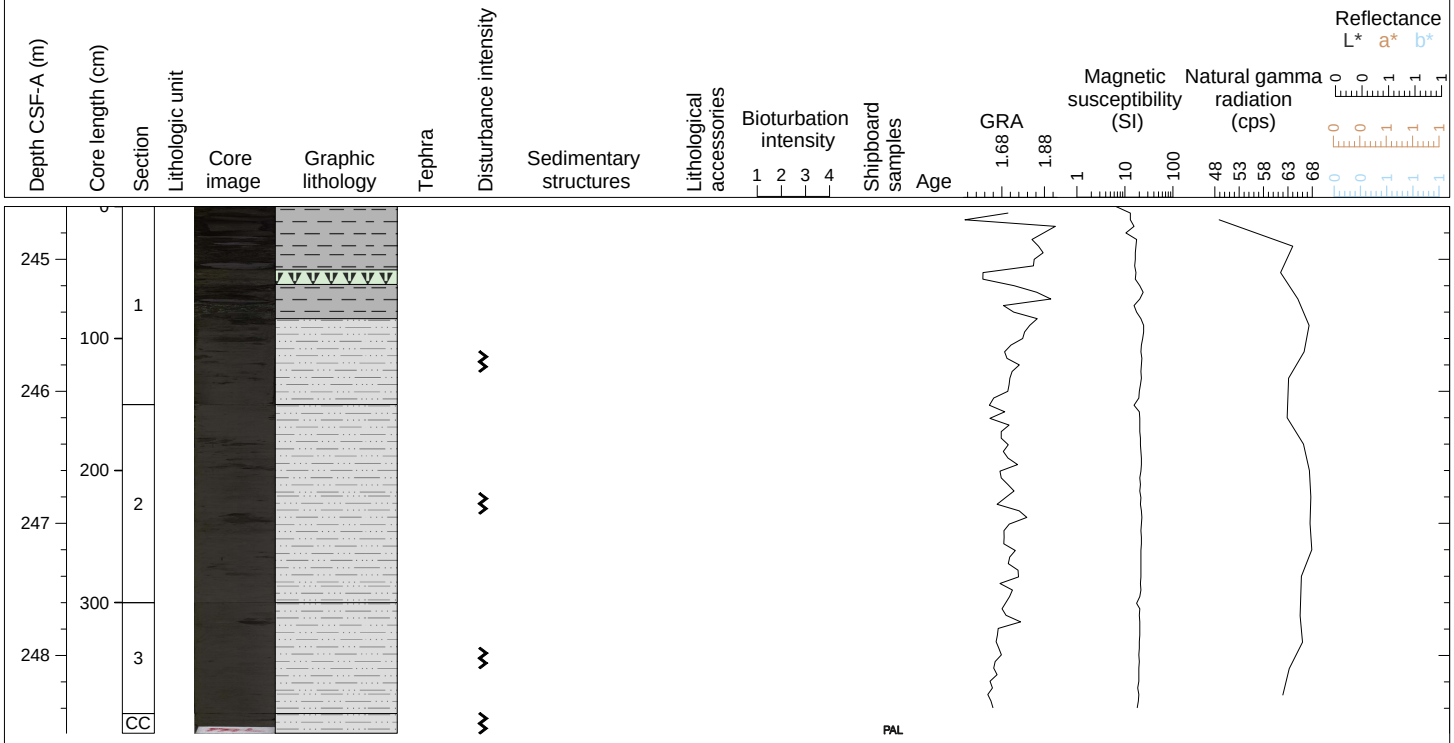
Hole 346-U1430C Core 31H, Interval 242.9-244.66 m (CSF-A)

SILTY CLAY (very dark grayish brown), moderately disturbed. An unconsolidated interval is present between 23-28 cm in the CC that contains glauconite.



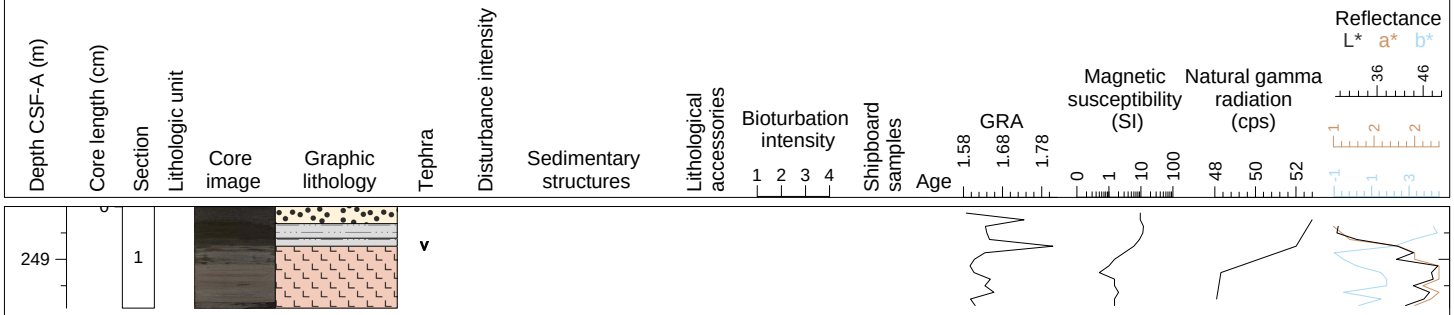
Hole 346-U1430C Core 32H, Interval 244.6-248.59 m (CSF-A)

CLAYSTONE (dark gray) in Section 1, well indurated, found above and below an interval of DIATOM OOZE (very dark grayish brown), with both overlying SILTY CLAY (very dark grayish green) that begins at Section 1, 85 cm, and continues to the base of the core. The lower SILTY CLAY unit is highly disturbed and appears to represent flow-in.



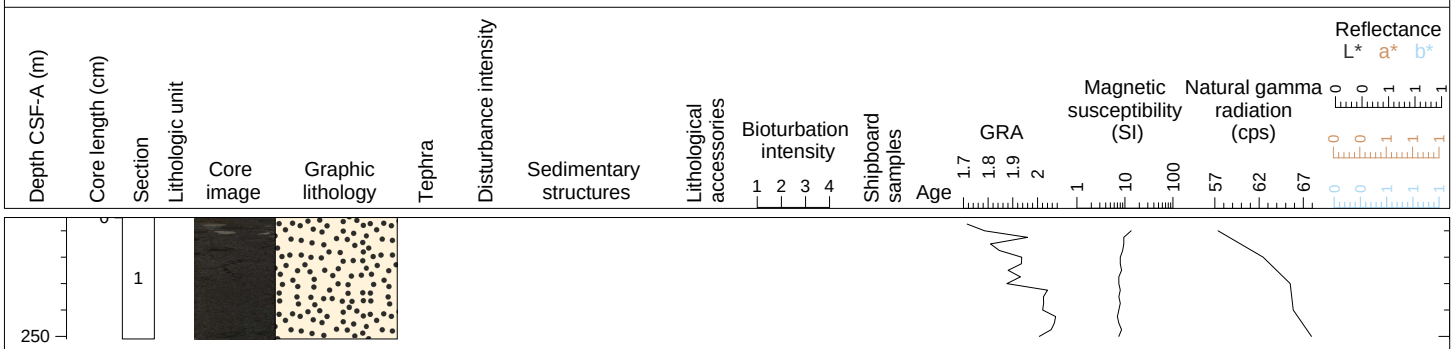
Hole 346-U1430C Core 33H, Interval 248.6-249.37 m (CSF-A)

Unconsolidated SAND (dark greenish gray) at the top, grading downwards into SANDY SILTY CLAY (greenish gray) and SILTY CLAY (dark greenish gray), all showing moderate to heavy disturbance. An interval of dispersed vitric TEPHRA (light gray) is found between 30-77 cm.



Hole 346-U1430C Core 34H, Interval 249.1-250.02 m (CSF-A)

Unconsolidated SAND (dark greenish gray), structureless and disturbed. End of hole.



Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Clay minerals abundance (name)	Glauconite abundance (name)	Pyrite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Dolomite, authigenic abundance (name)	Vitric grain abundance (name)	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)
346-U1430A-1H-1-A 75/75-SED	0.75	0.75		30	70	10	70			20	100	C [A85]		C [A85]			R [A85]			C [A85]	R [A85]			C [A85]		R [A85]	A [A85]	R [A85]
346-U1430A-1H-2-A 95/95-SED	2.45	2.45		70	30		80		20		100	A [A85]		C [A85]			R [A85]		C [A85]	R [A85]	C [A85]						C [A85]	C [A85]
346-U1430A-1H-3-A 16/16-SED	3.06	3.06		10	90		70		20	10	100	R [A85]					Tr [A85]				C [A85]	R [A85]		R [A85]		R [A85]		C [A85]
346-U1430A-1H-3-A 16/16-SED	3.06	3.06		10	90	5	15	20	50	10	100	R [A85]			C [A85]		Tr [A85]			R [A85]	C [A85]	R [A85]		R [A85]	R [A85]			C [A85]
346-U1430A-2H-1-A 20/20-SED	3.8	3.8		60	40	10	60		30		100	C [A85]		C [A85]			R [A85]		C [A85]	C [A85]	C [A85]	C [A85]						C [A85]
346-U1430A-2H-1-A 80/80-SED	4.4	4.4		70	30	10	80		5	5	100	A [A85]		C [A85]					R [A85]	R [A85]	R [A85]			R [A85]			A [A85]	R [A85]
346-U1430A-2H-2-A 70/70-SED	5.8	5.8		30	70	5	80		10	5	100	A [A85]		C [A85]			R [A85]		C [A85]	R [A85]	C [A85]			R [A85]		Tr [A85]		C [A85]
346-U1430A-2H-5-A 40/40-SED	10	10		60	40	5	95				100	A [A85]		C [A85]			R [A85]		R [A85]	R [A85]							Tr [A85]	
346-U1430A-2H-6-A 55/55-SED	11.65	11.65		40	60		80		20		100	A [A85]		C [A85]					C [A85]	R [A85]	R [A85]	C [A85]					C [A85]	R [A85]
346-U1430A-2H-6-A 75/75-SED	11.85	11.85		70	30		80		20		100	A [A85]		C [A85]					C [A85]	R [A85]	R [A85]	C [A85]					Tr [A85]	R [A85]
346-U1430A-3H-2-A 75/75-SED	15.35	15.35		30	70		40		40	20	100	C [A85]					R [A85]		C [A85]	R [A85]	R [A85]	C [A85]		C [A85]		R [A85]	Tr [A85]	R [A85]
346-U1430A-3H-3-A 75/75-SED	16.85	16.85		70	30	10	90				100	A [A85]		C [A85]			R [A85]		C [A85]	C [A85]								
346-U1430A-3H-5-A 30/30-SED	19.4	19.4		80	20	5	85		10		100	A [A85]		C [A85]			C [A85]		C [A85]	R [A85]	C [A85]							C [A85]
346-U1430A-3H-6-A 30/30-SED	20.9	20.9					10		90		100	R [A85]					Tr [A85]		C [A85]		R [A85]	D [A85]						R [A85]
346-U1430A-4H-3-A 115/115-SED	26.75	26.75								100	100												C [A85]		D [A85]			
346-U1430A-4H-3-A 120/120-SED	26.8	26.8		40	60		70			30	100	A [A85]		C [A85]			C [A85]								C [A85]	C [A85]		
346-U1430A-4H-3-A 90/90-SED	26.5	26.5		80	20	20	80				100	A [A85]		C [A85]			C [A85]			C [A85]								
346-U1430A-4H-4-A 90/90-SED	28	28		70	30		80		20		100	A [A85]		C [A85]			C [A85]		C [A85]	R [A85]	C [A85]	R [A85]						C [A85]
346-U1430A-4H-5-A 30/30-SED	28.9	28.9							90	10	100						R [A85]				C [A85]	D [A85]		Tr [A85]		Tr [A85]		C [A85]
346-U1430A-4H-6-A 60/60-SED	30.7	30.7					10		90		100								R [A85]		R [A85]	D [A85]		R [A85]				R [A85]
346-U1430A-4H-7-A 31/31-SED	31.53	31.53		70	30	5	95				100	A [A85]		C [A85]			C [A85]		R [A85]	R [A85]								
346-U1430A-5H-1-A 50/50-SED	32.6	32.6		80	20	10	90				100	A [A85]		C [A85]			R [A85]		C [A85]	C [A85]								
346-U1430A-5H-3-A 50/50-SED	35.6	35.6		80	20		70		30		100	A [A85]		C [A85]			R [A85]		R [A85]	A [A85]								
346-U1430A-5H-5-A 75/75-SED	38.85	38.85				10	10		80		100	C [A85]					Tr [A85]		R [A85]	R [A85]	R [A85]	A [A85]						R [A85]
346-U1430A-5H-CC-A 20/20-SED	41.94	41.94		40	60	20	60			20	100	A [A85]		C [A85]			C [A85]			C [A85]				C [A85]		R [A85]		
346-U1430A-6H-1-A 35/35-SED	41.95	41.95		70	30		95			5	100	A [A85]		C [A85]			C [A85]							R [A85]				
346-U1430A-6H-1-A 35/35-SED	41.95	41.95		70	30	5	90			5	100	A [A85]																
346-U1430A-6H-3-A 75/75-SED	45.35	45.35		60	40	10	40		50		100	C [A85]					R [A85]		C [A85]	C [A85]	C [A85]	A [A85]						C [A85]
346-U1430A-6H-5-A 90/90-SED	48.5	48.5		60	40	10	40		50		100	C [A85]					C [A85]		C [A85]	C [A85]	R [A85]	A [A85]						R [A85]
346-U1430A-7H-1-A 75/75-SED	51.85	51.85		70	30	5	95				100	A [A85]		C [A85]			R [A85]			R [A85]				R [A85]				
346-U1430A-7H-2-A 75/75-SED	53.35	53.35		30	70		80			20	100	A [A85]		C [A85]						R [A85]				C [A85]				
346-U1430A-7H-3-A 75/75-SED	54.85	54.85		70	30		90			10	100	A [A85]		C [A85]			C [A85]			R [A85]				C [A85]		R [A85]		
346-U1430A-7H-4-A 75/75-SED	56.35	56.35		60	40	10	60			30	100	C [A85]		C [A85]			C [A85]			C [A85]				C [A85]		R [A85]		
346-U1430A-7H-5-A 75/75-SED	57.85	57.85								100	100													D [A85]				
346-U1430A-7H-6-A 120/120-SED	59.8	59.8		80	20	5	50			45	100	A [A85]		C [A85]						R [A85]				A [A85]				
346-U1430A-7H-6-A 75/75-SED	59.35	59.35								100	100													D [A85]				
346-U1430A-7H-7-A 30/30-SED	60.4	60.4								100	100													D [A85]				
346-U1430A-8H-5-A 110/110-SED	67.7	67.7		30	70		90			10	100	C [A85]			A [A85]					R [A85]				C [A85]				
346-U1430A-9H-4-A 100/100-SED	75.6	75.6	90	10												A [A85]	C [A85]			A [A85]				C [A85]		D [A85]		
346-U1430A-9H-5-A 140/140-SED	77.5	77.5				10	40			50	100	C [A85]			C [A85]									D [A85]				
346-U1430A-10H-1-A 75/75-SED	80.35	80.35				5	5			90	100	Tr [A85]			R [A85]		C [A85]						C [A85]	D [A85]				
346-U1430A-10H-4-A 75/75-SED	84.85	84.85				5	5			90	100	R [A85]			R [A85]		C [A85]						C [A85]	D [A85]				
346-U1430A-10H-6-A 120/120-SED	88.3	88.3				5	5			90	100	R [A85]			R [A85]		Tr [A85]						C [A85]	D [A85]				
346-U1430A-10H-7-A 30/30-SED	88.9	88.9					10			90	100	R [A85]												D [A85]				
346-U1430A-11H-3-A 110/110-SED	93.2	93.2				5	5			90	100	R [A85]			R [A85]		C [A85]						C [A85]	D [A85]		Tr [A85]		
346-U1430A-11H-3-A 20/20-SED	92.3	92.3				5	5			90	100	R [A85]			R [A85]		Tr [A85]						C [A85]	D [A85]		Tr [A85]		
346-U1430A-11H-7-A 18/18-SED	98.28	98.28		30	70		90			10	100	C [A85]			A [A85]		Tr [A85]							C [A85]				
346-U1430A-12H-4-A 75/75-SED	103.85	103.85				5	5			90	100	R [A85]		R [A85]	R [A85]								C [A85]	D [A85]		Tr [A85]		
346-U1430A-12H-7-A 30/30-SED	107.9	107.9		30	70		70			30	100	C [A85]			A [A85]		C [A85]			R [A85]				A [A85]				
346-U1430A-13H-1-A 75/75-SED	108.85	108.85		30	70	5	60			35	100	C [A85]			A [A85]		R [A85]			R [A85]				A [A85]				
346-U1430A-13H-5-A 75/75-SED	114.85	114.85		30	70		40			60	100	C [A85]			C [A85]		R [A85]							A [A85]				
346-U1430A-13H-6-A 90/90-SED	116.5	116.5					65			35	100	R [A85]			A [A85]								C [A85]	C [A85]				
346-U1430A-14H-2-A 81/81-SED	119.91	119.91					20			80	100	C [A85]			C [A85]		C [A85]						C [A85]	D [A85]		Tr [A85]		
346-U1430A-14H-5-A 130/130-SED	124.9	124.9		2	98		90			10	100	Tr [A85]			A [A85]		C [A85]						R [A85]	C [A85]		R [A85]		

Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Clay minerals abundance (name)	Glauconite abundance (name)	Pyrite, authigenic abundance (name)	Calcite, authigenic abundance (name)	Dolomite, authigenic abundance (name)	Vitric grain abundance (name)	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)
346-U1430A-14H-5-A 51/51-SED	124.11	124.11		30	70		90			10	100	C [A85]			A [A85]									R [A85]				
346-U1430A-15H-4-A 147/147-SED	133.07	133.07				5	5			90	100	R [A85]								R [A85]					D [A85]				
346-U1430A-15H-4-A 70/70-SED	132.3	132.3		30	70		90			10	100	C [A85]			A [A85]		C [A85]			R [A85]					C [A85]				
346-U1430A-15H-6-A 130/130-SED	135.89	135.89		30	70		60			40	100	C [A85]			A [A85]		C [A85]			R [A85]					A [A85]				
346-U1430A-16H-2-A 75/75-SED	138.85	138.85		30	70		80			20	100	C [A85]			A [A85]		C [A85]								C [A85]				
346-U1430A-16H-4-A 30/30-SED	141.4	141.4					10		50	40	100	R [A85]					R [A85]		C [A85]		C [A85]	A [A85]			A [A85]				C [A85]
346-U1430A-16H-5-A 75/75-SED	143.35	143.35		30	70		70			30	100	C [A85]			A [A85]		R [A85]								C [A85]				
346-U1430A-17H-1-A 100/100-SED	147.1	147.1		20	80		80			20	100	C [A85]			A [A85]		C [A85]			R [A85]					C [A85]				
346-U1430A-17H-1-A 50/50-SED	146.6	146.6		20	80		70			30	100	C [A85]			A [A85]		C [A85]		R [A85]	R [A85]					C [A85]				
346-U1430A-17H-3-A 75/75-SED	149.85	149.85		30	70		40			60	100	C [A85]			C [A85]		R [A85]			R [A85]					A [A85]				
346-U1430A-17H-6-A 75/75-SED	154.37	154.37		20	80		90			10	100	C [A85]			A [A85]		C [A85]			R [A85]					R [A85]		R [A85]		
346-U1430A-18H-2-A 135/135-SED	158.45	158.45		30	70		70			30	100	C [A85]			A [A85]		R [A85]								C [A85]		R [A85]		
346-U1430A-18H-2-A 75/75-SED	157.85	157.85		20	80		90			10	100	C [A85]			A [A85]		C [A85]			R [A85]					R [A85]		R [A85]		
346-U1430A-18H-5-A 75/75-SED	162.35	162.35		20	80		60			40	100	C [A85]			A [A85]		R [A85]			R [A85]					A [A85]		C [A85]		
346-U1430A-19H-1-A 110/110-SED	166.2	166.2				5	5			90	100	R [A85]			R [A85]		C [A85]		R [A85]				R [A85]	R [A85]	R [A85]	D [A85]			
346-U1430A-19H-6-A 36/36-SED	172.96	172.96		20	80		80			20	100	C [A85]			A [A85]		R [A85]			R [A85]			R [A85]	C [A85]		Tr [A85]			
346-U1430A-20H-3-A 110/110-SED	178.7	178.7		20	80		80			20	100	C [A85]			A [A85]		C [A85]							C [A85]					
346-U1430A-20H-5-A 50/50-SED	181.1	181.1		30	70		90			10	100	C [A85]			A [A85]		C [A85]							R [A85]		R [A85]			
346-U1430A-20H-6-A 60/60-SED	182.7	182.7		30	70		70			30	100	C [A85]			A [A85]		C [A85]							A [A85]					
346-U1430A-21H-1-A 90/90-SED	184.4	184.4		20	80	5	90			5	100	C [A85]			A [A85]		C [A85]			R [A85]				R [A85]					
346-U1430A-21H-3-A 40/40-SED	186.9	186.9		20	80		40			60	100	C [A85]			C [A85]		R [A85]							A [A85]					
346-U1430A-21H-4-A 100/100-SED	189	189		20	80		90			10	100	C [A85]			A [A85]		C [A85]			R [A85]				C [A85]					
346-U1430A-21H-6-A 90/90-SED	191.9	191.9		20	80		40			60	100	C [A85]			C [A85]		R [A85]			R [A85]				A [A85]		R [A85]			
346-U1430A-22H-2-A 75/75-SED	195.25	195.25		20	80		40			60	100	C [A85]			C [A85]		R [A85]			R [A85]				A [A85]					
346-U1430A-22H-3-A 14/14-SED	196.14	196.14								100	100													D [A85]					
346-U1430A-22H-2-A 75/75-SED	195.25	195.25		20	80		40			60	100	C [A85]			C [A85]		R [A85]			R [A85]				A [A85]					
346-U1430A-22H-3-A 14/14-SED	196.14	196.14								100	100													D [A85]					
346-U1430A-22H-5-A 75/75-SED	199.75	199.75		30	70		60			40	100	C [A85]			A [A85]		R [A85]			R [A85]				A [A85]					
346-U1430A-22H-6-A 75/75-SED	201.25	201.25		20	80		60			40	100	C [A85]			A [A85]		R [A85]			R [A85]				A [A85]					
346-U1430A-23H-2-A 75/75-SED	204.45	204.45		20	80		60			40	100	C [A85]			A [A85]		C [A85]							A [A85]					
346-U1430A-23H-4-A 80/80-SED	207.5	207.5		10	90		90			10	100	C [A85]			D [A85]		R [A85]							C [A85]					
346-U1430A-23H-5-A 34/34-SED	208.54	208.54		20	80		90			10	100	C [A85]			A [A85]		R [A85]			R [A85]				C [A85]					
346-U1430A-23H-5-A 75/75-SED	208.95	208.95		20	80		80			20	100	C [A85]			A [A85]		R [A85]			R [A85]				A [A85]					
346-U1430A-24H-2-A 75/75-SED	213.95	213.95		20	80		90			10	100	C [A85]			A [A85]		C [A85]			R [A85]				C [A85]					
346-U1430A-24H-5-A 25/25-SED	217.95	217.95		20	80		90			10	100	C [A85]			A [A85]		R [A85]							C [A85]					
346-U1430A-24H-6-A 75/75-SED	219.95	219.95		30	70		60			40	100	C [A85]			A [A85]		R [A85]							A [A85]					
346-U1430A-25H-2-A 75/75-SED	223.45	223.45		30	70		70			30	100	C [A85]			A [A85]		R [A85]							A [A85]					
346-U1430A-25H-5-A 80/80-SED	228	228		20	80		30			70	100	C [A85]			C [A85]		R [A85]							A [A85]					
346-U1430A-25H-6-A 26/26-SED	228.96	228.96		20	80		40			60	100	C [A85]			C [A85]		R [A85]							A [A85]					
346-U1430A-27H-3-A 75/75-SED	239.15	239.15		20	80		80			20	100	C [A85]			A [A85]									C [A85]					
346-U1430A-28H-1-SED	240.85	240.85		20	80		80			20	100	C [A85]			A [A85]									C [A85]					
346-U1430A-28H-2-A 145/145-SED	243.05	243.05		10	90		95			5	100	C [A85]			A [A85]									R [A85]					
346-U1430A-29H-1-A 75/75-SED	245.55	245.55		20	80		100			0	100	C [A85]			A [A85]														
346-U1430A-29H-1-A 96/96-SED	245.76	245.76														D [A85]				R [A85]									
346-U1430A-29H-1-A 96/96-SED	245.76	245.76		20	80		100			0	100	C [A85]			A [A85]														
346-U1430A-29H-3-A 75/75-SED	248.55	248.55		20	80		100			0	100	C [A85]			A [A85]														

Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Biotite abundance (name)	Clay minerals abundance (name)	Chert abundance (name)	Pyrite, authigenic abundance (name)	Dolomite, authigenic abundance (name)	Vitric grain abundance (name)	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)
346-U1430B-2H-5-A 80/80-SED	15.1	15.1		20	80			20			20	A [A85]			R [A85]			R [A85]		C [A85]								
346-U1430B-3H-1-A 121/121-SED	19.01	19.01		10	90							C [A85]				R [A85]		R [A85]		R [A85]			R [A85]	R [A85]	R [A85]			
346-U1430B-3H-3-A 44/44-SED	21.24	21.24		15	85	10	40	40			90	R [A85]				R [A85]				C [A85]	R [A85]	R [A85]						R [A85]
346-U1430B-3H-4-A 104/104-SED	23.34	23.34		5	95							R [A85]				A [A85]				R [A85]	R [A85]			C [A85]	R [A85]			R [A85]
346-U1430B-7H-2-A 132/132-SED	58.62	58.62					10			90	100	Tr [A85]												D [A85]				
346-U1430B-8H-2-A 75/75-SED	67.55	67.55		80	20		50			50	100	C [A85]				A [A85]							Tr [A85]	D [A85]				
346-U1430B-8H-5-A 83/83-SED	72.13	72.13		20	80		70			30	100	C [A85]				A [A85]		R [A85]		R [A85]			R [A85]	D [A85]				
346-U1430B-8H-6-A 137/137-SED	74.17	74.17		90	10		20			80	100	C [A85]				A [A85]								D [A85]				
346-U1430B-9H-2-A 108/108-SED	77.38	77.38		20	80		70			30	100	R [A85]				A [A85]		R [A85]						C [A85]	R [A85]			
346-U1430B-9H-6-A 75/75-SED21	83.05	83.05		10	90		60			40	100	R [A85]				A [A85]								C [A85]	R [A85]			
346-U1430B-10H-2-A 75/75-SED	86.55	86.55		10	90		40			60	100	R [A85]				A [A85]		Tr [A85]						C [A85]				
346-U1430B-11H-2-A 75/75-SED	96.05	96.05		20	80		40			60	100	R [A85]				A [A85]		R [A85]						D [A85]				
346-U1430B-11H-5-A 75/75-SED	100.55	100.55		20	80		70			30	100	R [A85]				A [A85]		R [A85]						C [A85]	R [A85]			
346-U1430B-12H-2-A 75/75-SED	105.55	105.55		20	80		70			30	100	R [A85]				A [A85]		R [A85]						A [A85]	R [A85]			
346-U1430B-12H-5-A 13/113-SED	109.43	110.43					20			80	100	R [A85]				C [A85]		R [A85]						D [A85]				
346-U1430B-13H-2-A 75/75-SED	115.05	115.05		30	70		40			60	100	C [A85]				C [A85]		R [A85]						A [A85]		R [A85]		
346-U1430B-13H-5-A 100/100-SED	119.8	119.8		20	80		70			30	100	R [A85]				A [A85]		R [A85]						C [A85]				
346-U1430B-14H-2-A 75/75-SED	124.55	124.55		30	70		50			50	100	C [A85]				A [A85]		Tr [A85]						A [A85]		R [A85]		
346-U1430B-14H-5-A 75/75-SED	129.05	129.05		20	80		20			80	100	C [A85]				C [A85]		R [A85]						D [A85]				
346-U1430B-15H-1-A 75/75-SED	132.55	132.55		30	70		80			20	100	C [A85]				A [A85]		R [A85]						C [A85]		Tr [A85]		
346-U1430B-15H-4-A 75/75-SED	137.05	137.05		20	80		20			80	100	R [A85]				C [A85]		R [A85]						D [A85]				
346-U1430B-23H-1-A 93/93-SED	208.73	208.73		10	90											C [A85]	R [A85]							R [A85]				

Sample	CSF-A Top (m)	CSF-A Bottom (m)	CSF-B Top (m)	CSF-B Bottom (m)	Top Offset (cm) on Parent Sample	Bottom Offset (cm) on Parent Sample	Volume (cc)	Sample Type	Sampling Tool	Sample Name	Comments	Test	Text Id
346-U1430C-32H-1-W 19/21-TSB-TS_06	244.79	244.81	244.79	244.81	0	2	1	TS	SAW_ROCK	TS_06	Sandstone	TS	TS5267131