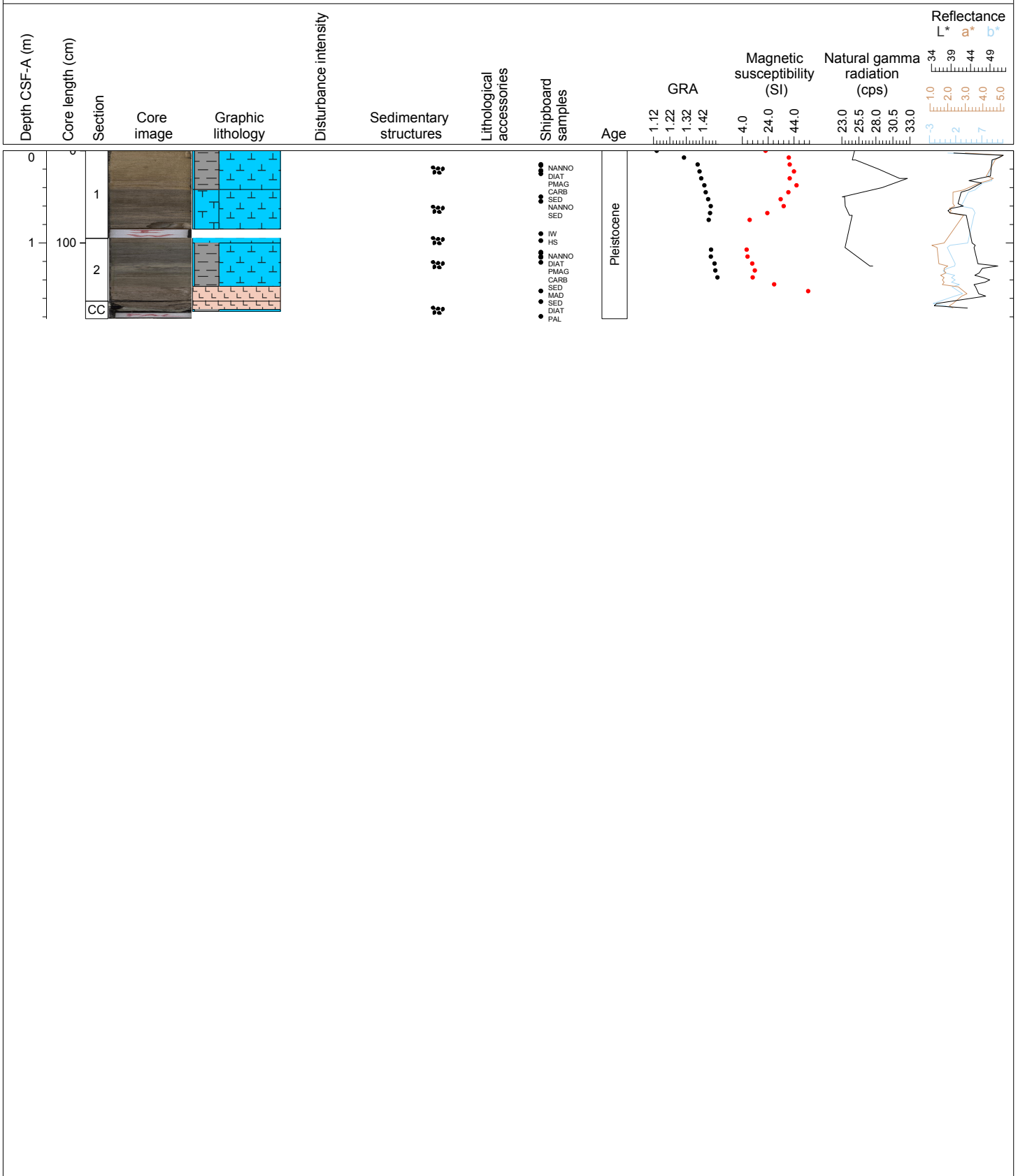


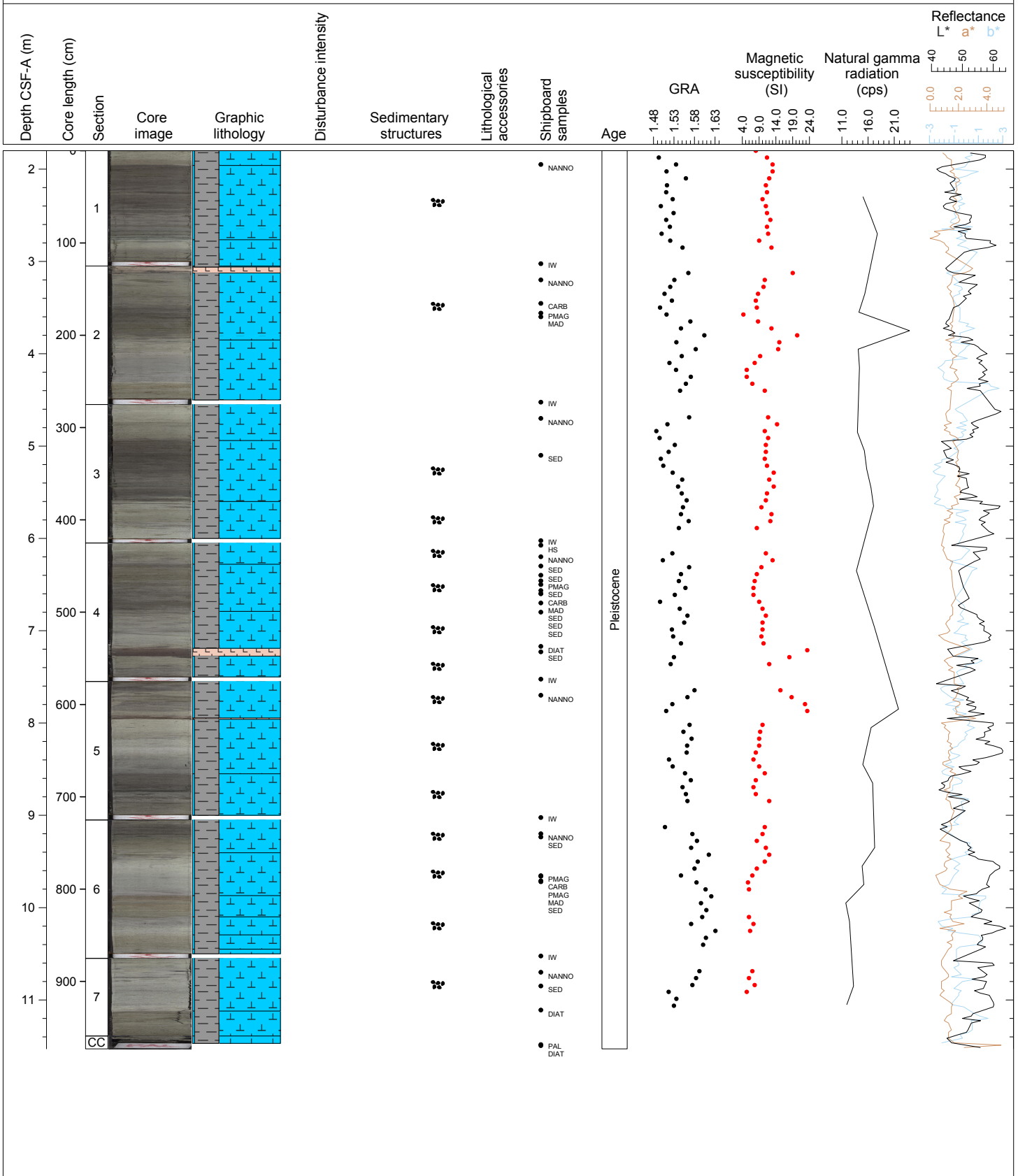
Hole 353-U1443A Core 1H, Interval 0.0-1.82 m (CSF-A)

Major Lithology: Brownish CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS and gray CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS. Minor Lithology: Gray VOLCANIC ASH tephra with soupy texture at Section 2 53 cm (until 9 cm of core-catcher) - possibly Toba ash? General Comment: Section 1 top interval's color may be brown due to potential oxidation. Minimal drilling disturbance visible.



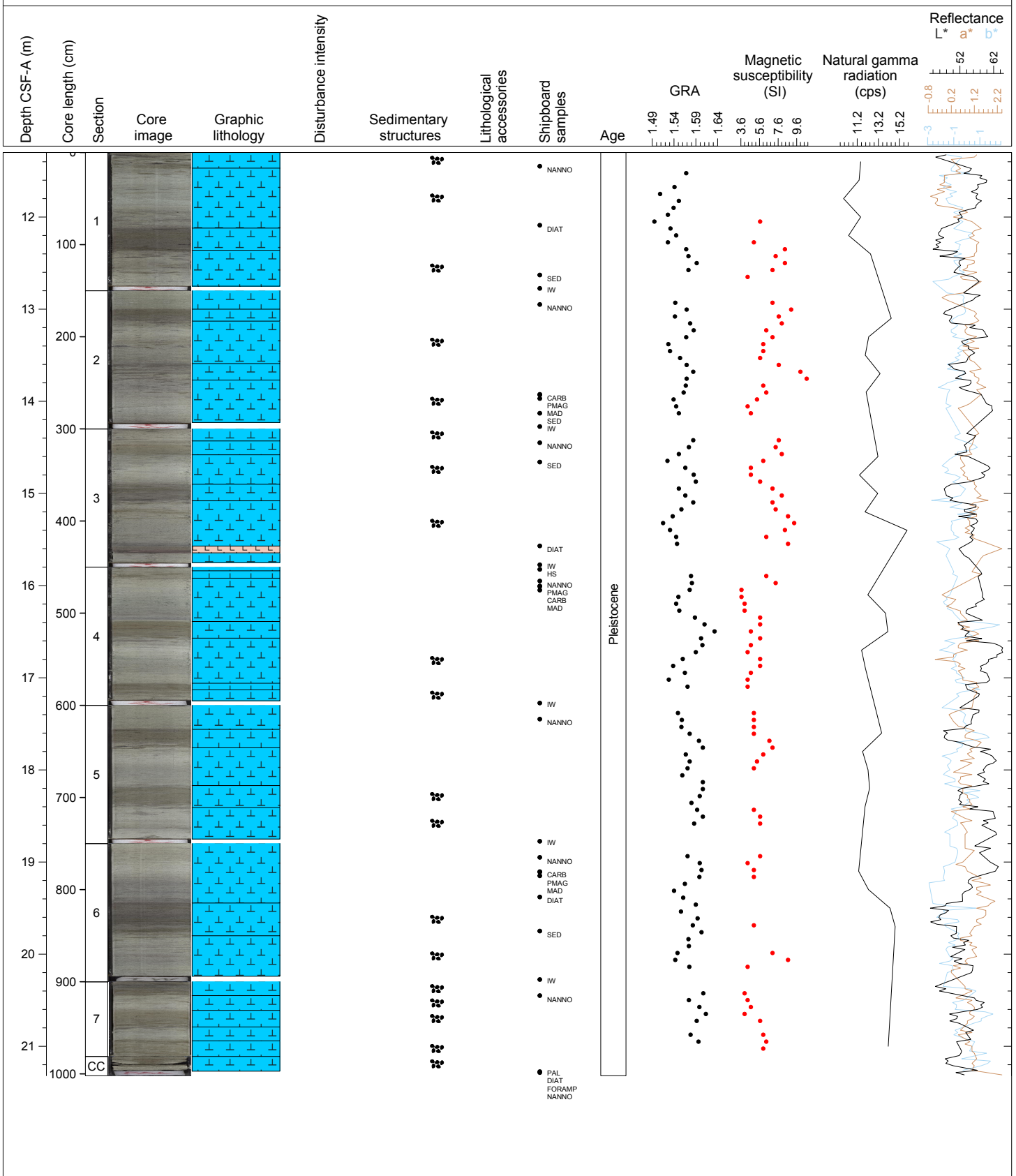
Hole 353-U1443A Core 2H, Interval 1.8-11.53 m (CSF-A)

Major Lithology: Gray CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS. Minor Lithology: White and gray VOLCANIC ASH tephras at Section 2, 4 and 5.  
 General Comments: The color of the sediment varies between gray and light gray, certainly in relation with glacial-interglacial climatic variations. Some green layers composed of shell fragments are observed.



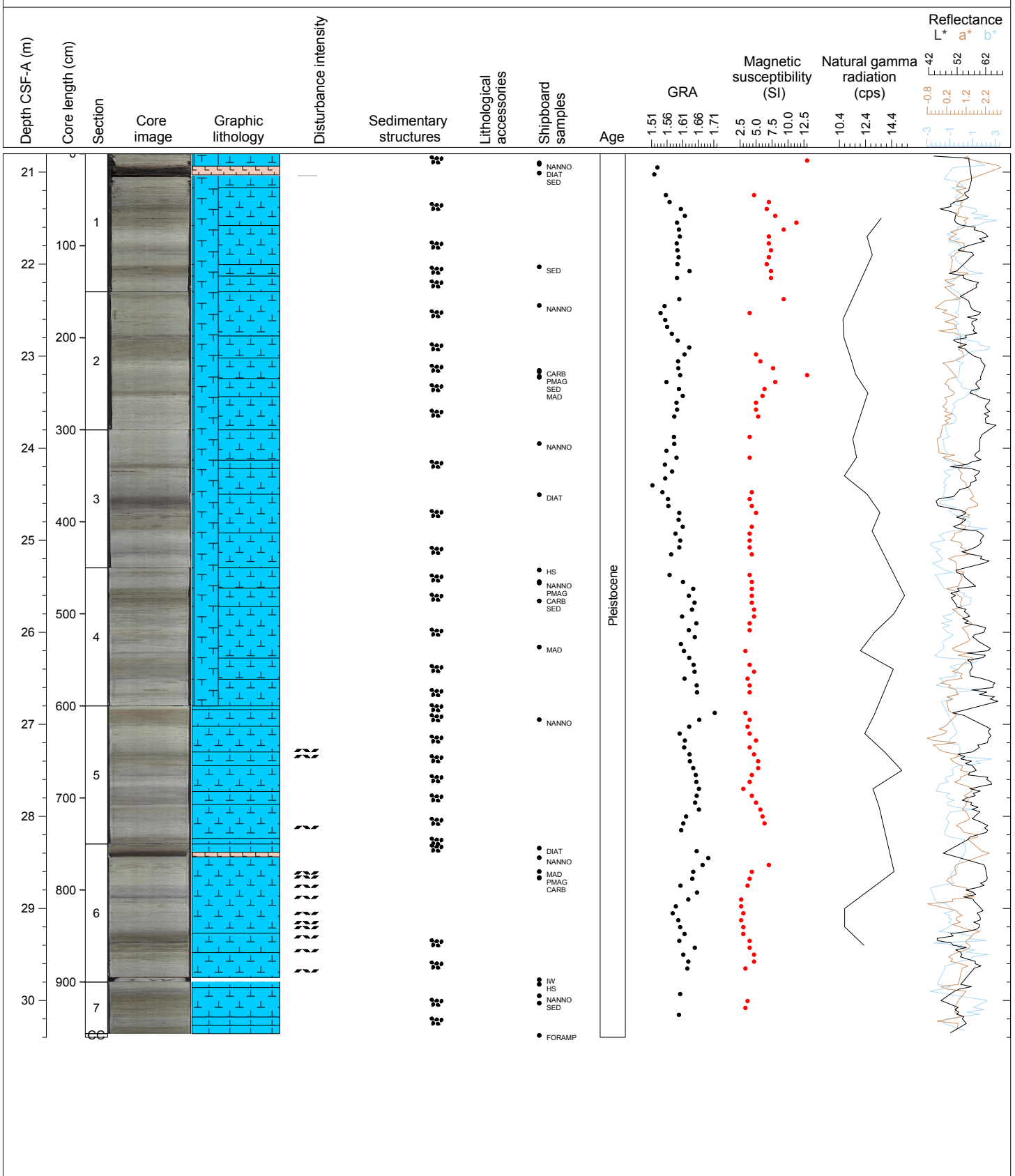
Hole 353-U1443A Core 3H, Interval 11.3-21.32 m (CSF-A)

Major Lithology: Gray CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS. Minor Lithology: White and gray VOLCANIC ASH tephtras at Section 3. General Comments: The color of the sediment varies between gray and light gray, certainly in relation with glacial-interglacial climatic variations. Some green layers composed of shell fragments are observed.



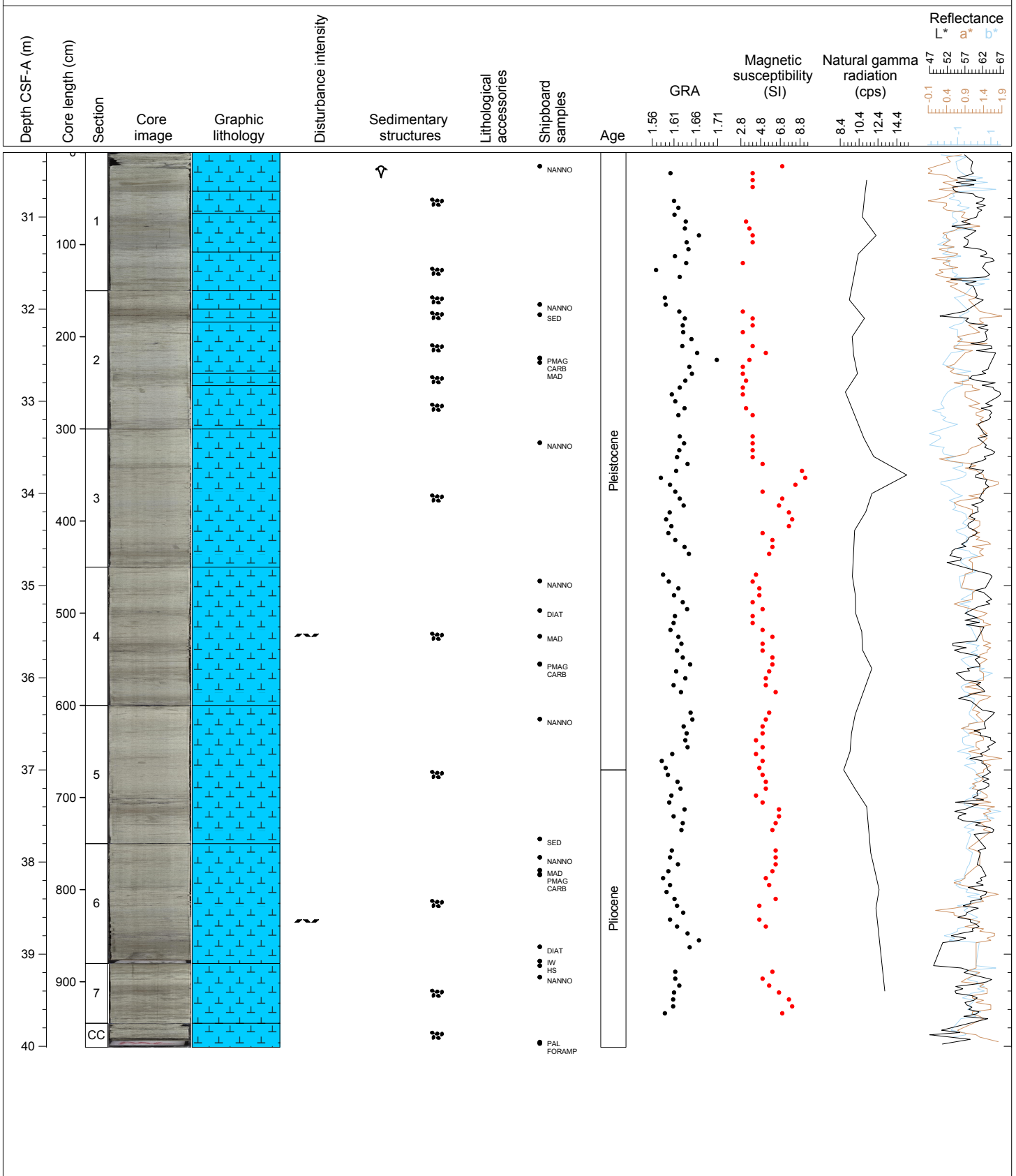
Hole 353-U1443A Core 4H, Interval 20.8-30.4 m (CSF-A)

Major Lithology: Gray FORAMINIFER rich NANNOFOSSIL OOZE with CLAY (Section 1 to 4) and CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS (Section 5 to 7) Minor Lithology: White and gray VOLCANIC ASH tephtras at Section 1 and 6. General Comments: The color of the sediment varies between gray and light gray, certainly in relation with glacial-interglacial climatic variations. Some green layers composed of shell fragments are observed. Most of the forams look broken under the microscope (Section 1 to 4).



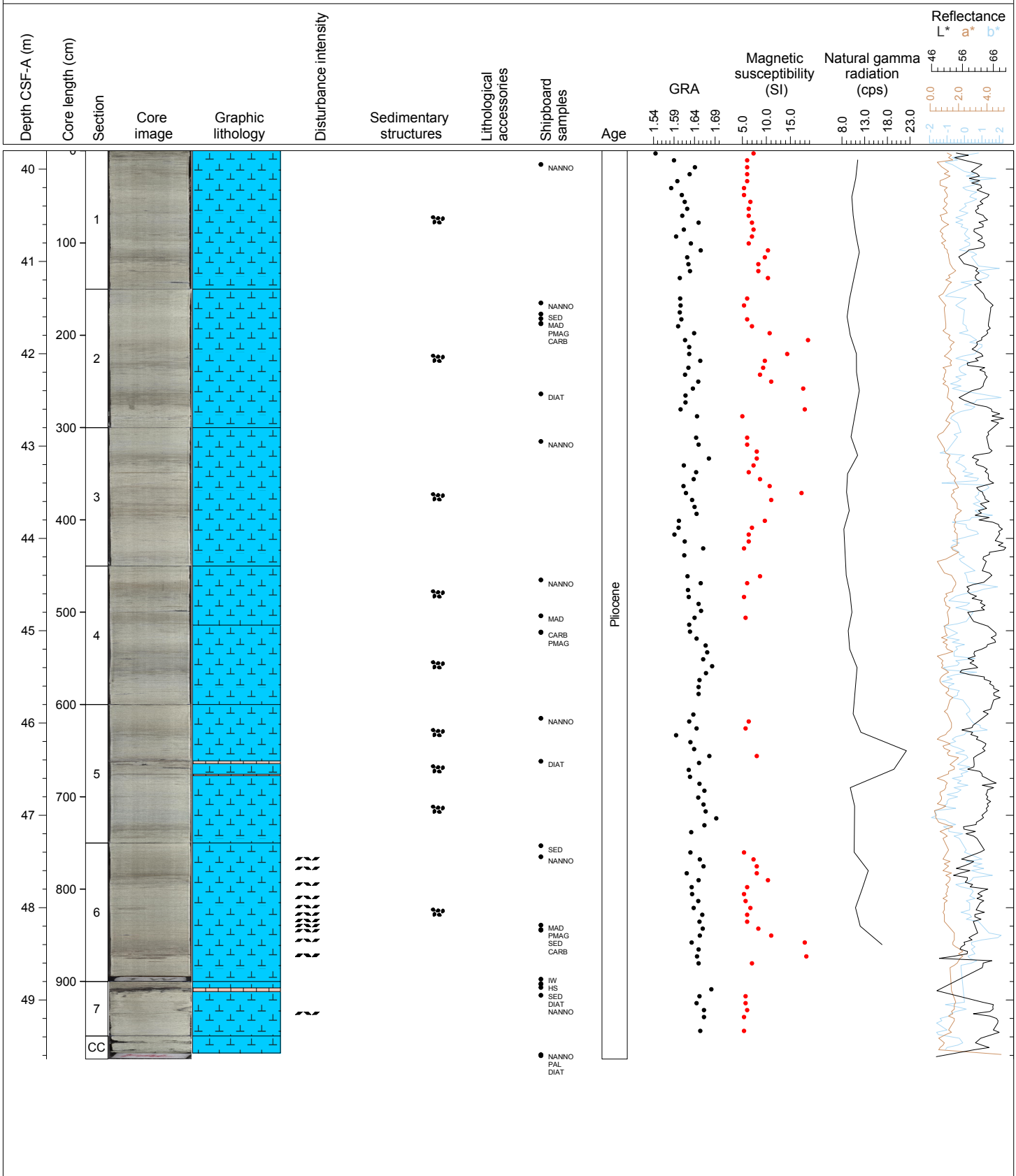
Hole 353-U1443A Core 5H, Interval 30.3-40.01 m (CSF-A)

Major Lithology: Gray NANNOFOSSIL OOZE with clay (Section 1), NANNOFOSSIL OOZE (Section 2-5) and NANNOFOSSIL OOZE with some AUTHIGENIC CARBONATES (Section 6-CC) General Comments: The color of the sediment varies between gray and light gray, certainly in relation with glacial-interglacial climatic variations (Section 1-2). From Section 3, the sediment becomes more massive and homogenous.



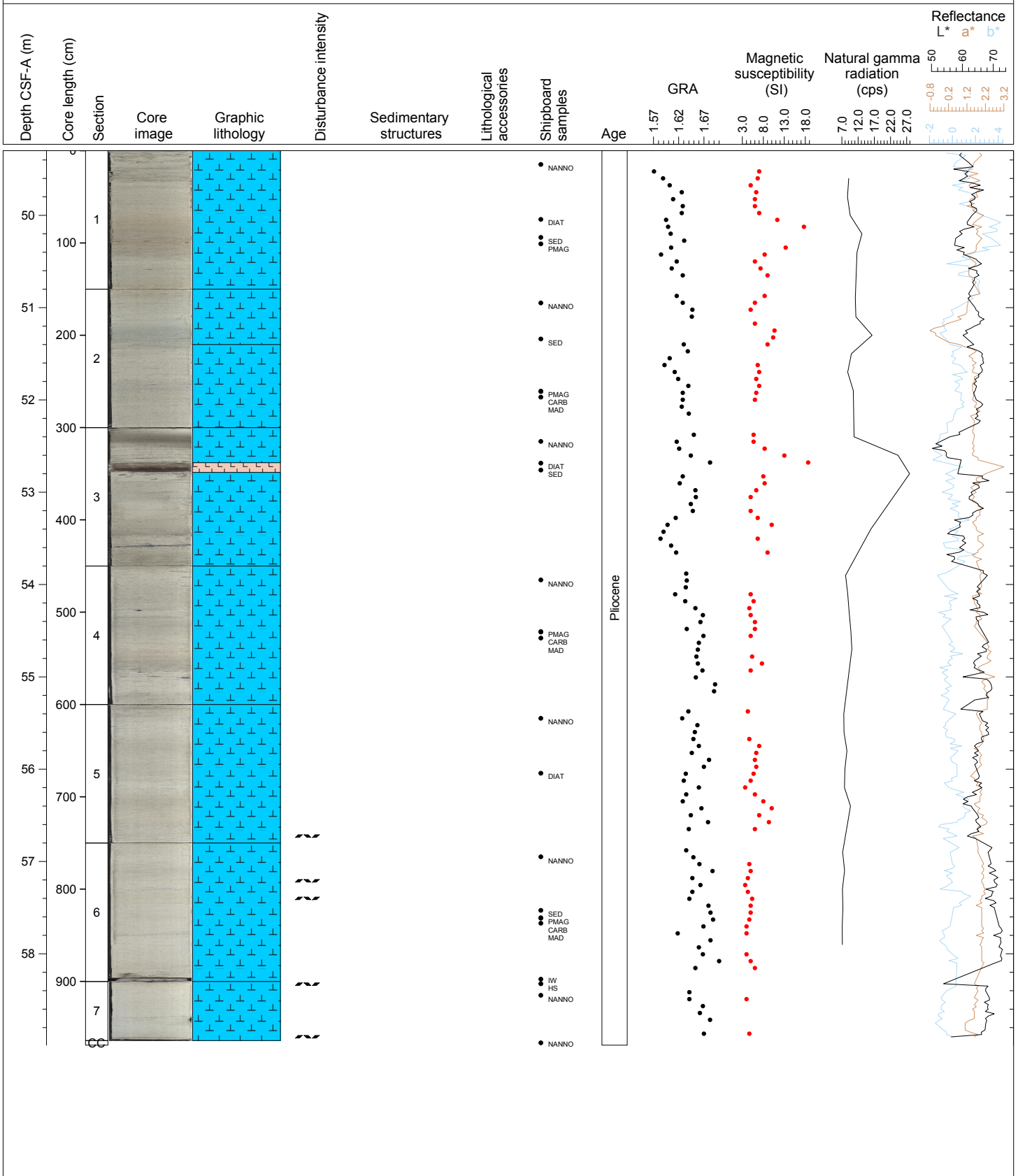
Hole 353-U1443A Core 6H, Interval 39.8-49.64 m (CSF-A)

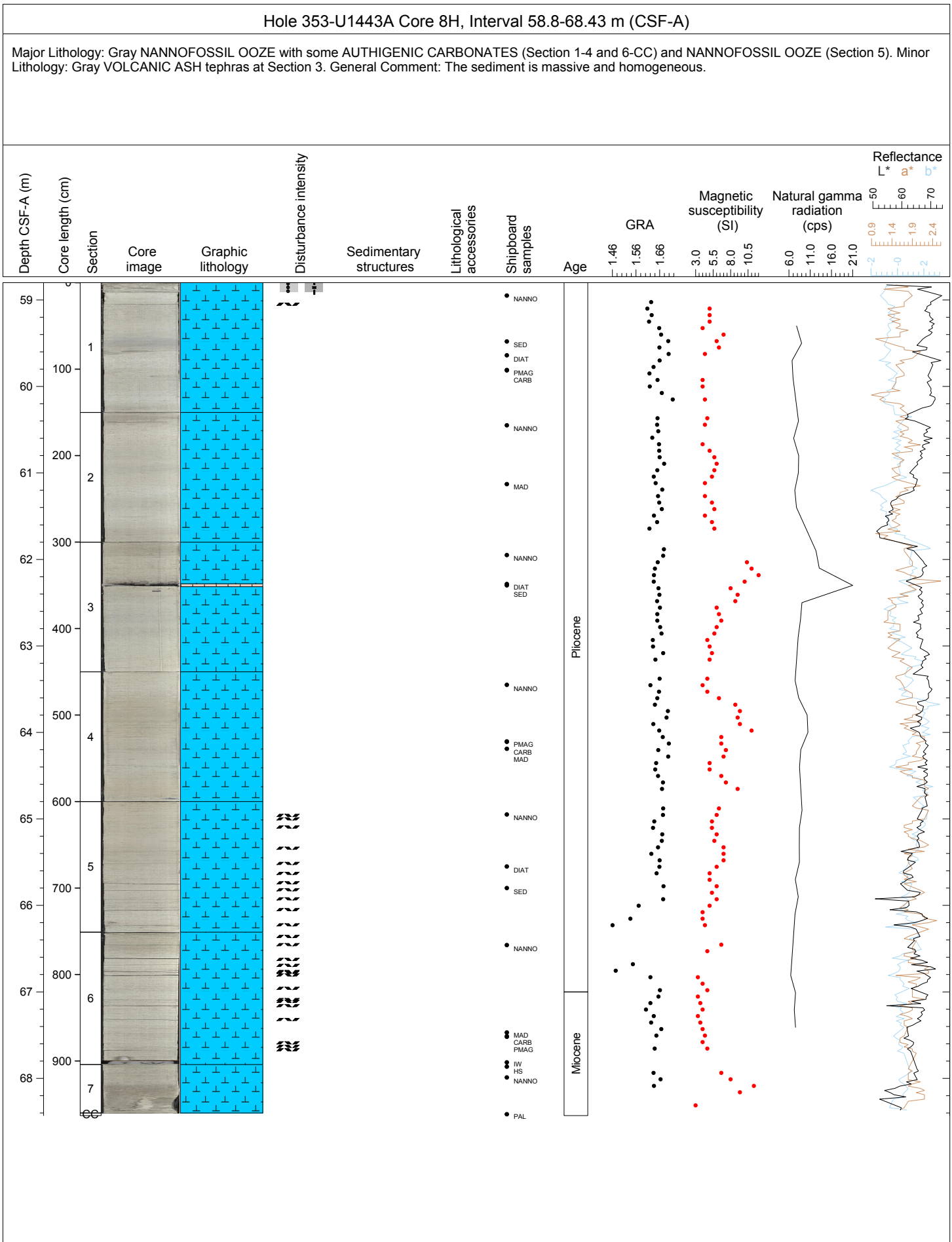
Major Lithology: Gray NANNOFOSSIL OOZE with some AUTHIGENIC CARBONATES. Minor Lithology: Gray VOLCANIC ASH tephras at Section 5 and 7.  
 General Comment: The sediment deposit is massive and homogenous.



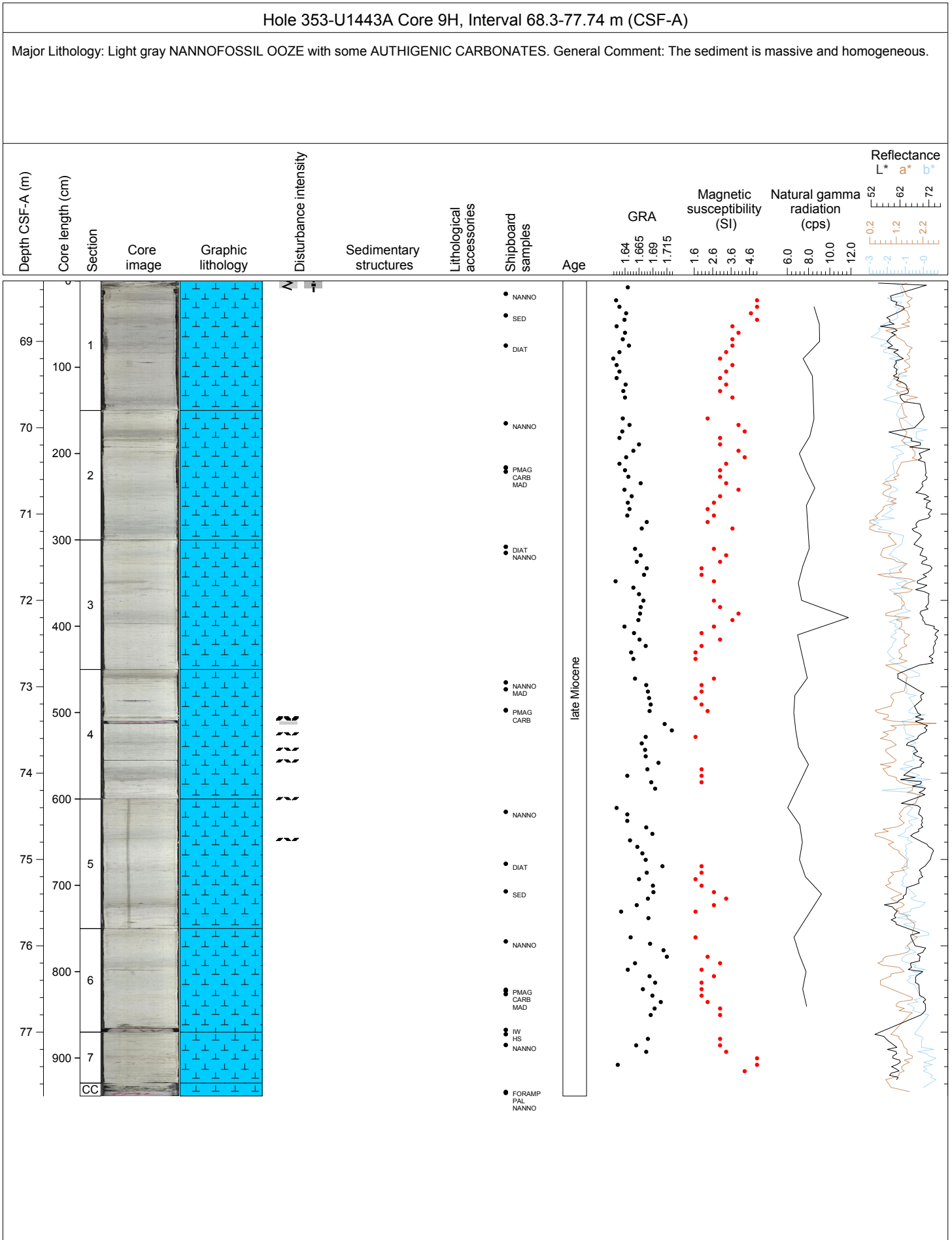
Hole 353-U1443A Core 7H, Interval 49.3-58.99 m (CSF-A)

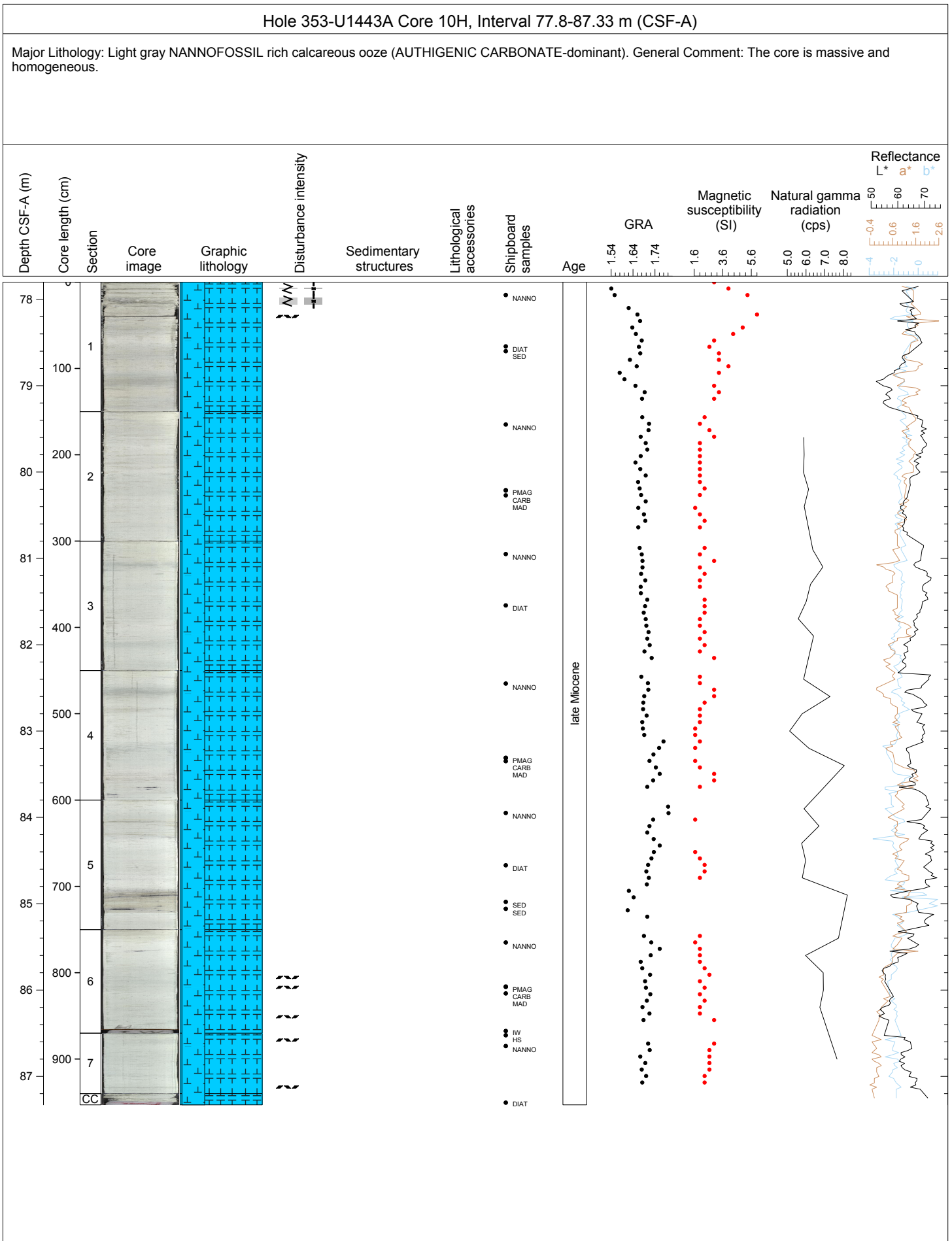
Major Lithology: Gray NANNOFOSSIL OOZE with some AUTHIGENIC CARBONATES. Minor Lithology: Gray VOLCANIC ASH tephras at Section 3. General Comment: The sediment deposit is massive and homogeneous.





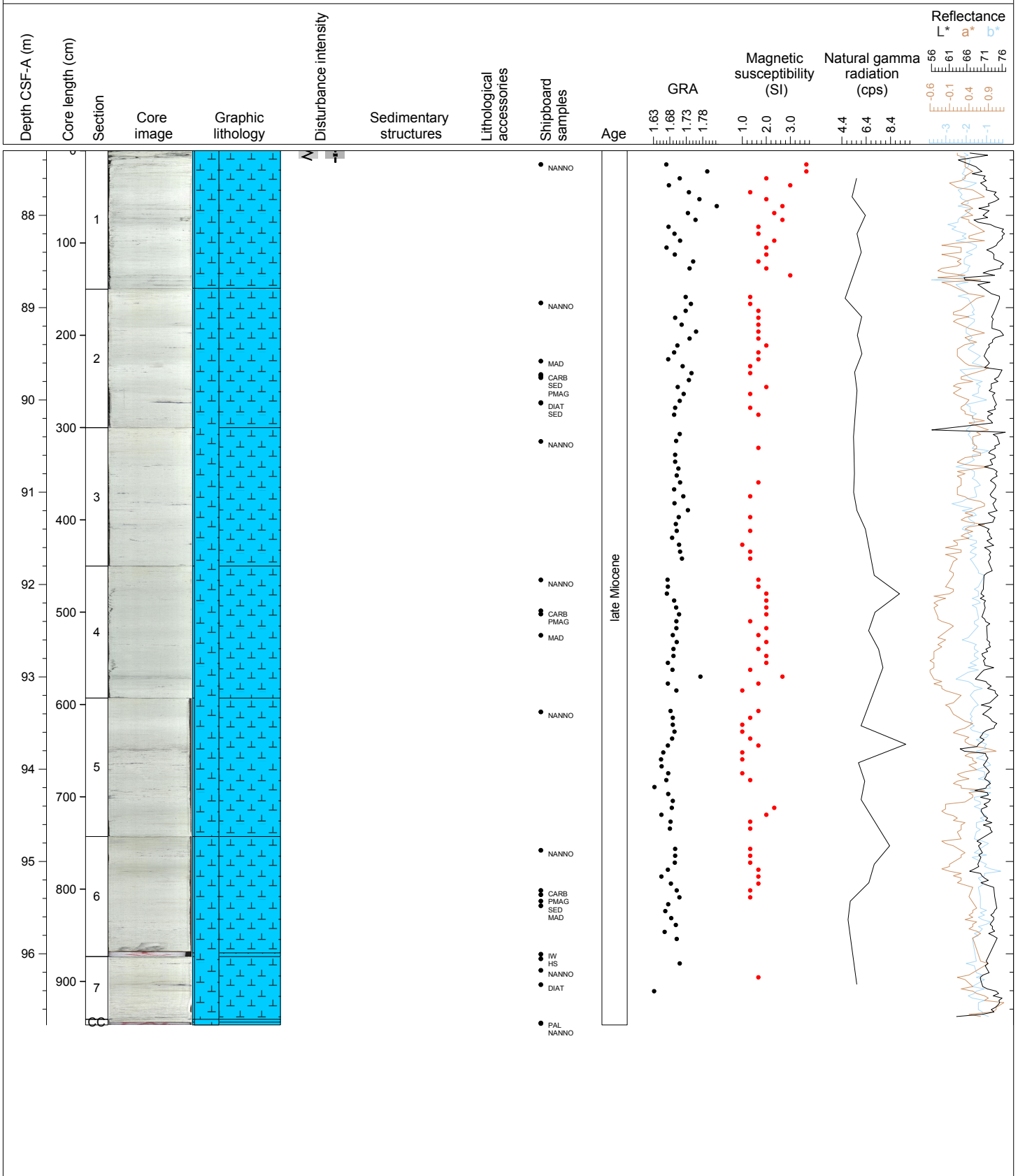






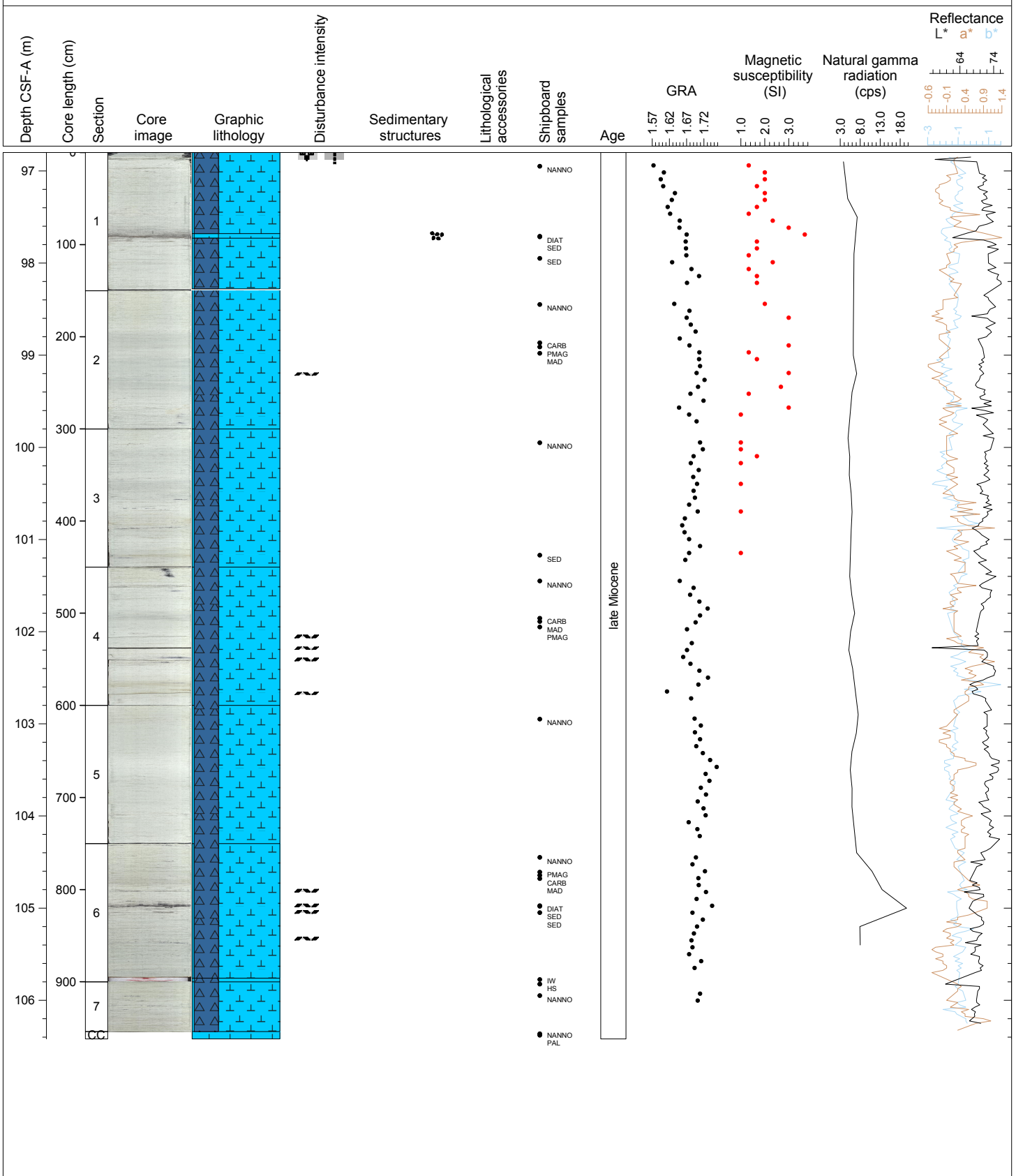
Hole 353-U1443A Core 11H, Interval 87.3-96.77 m (CSF-A)

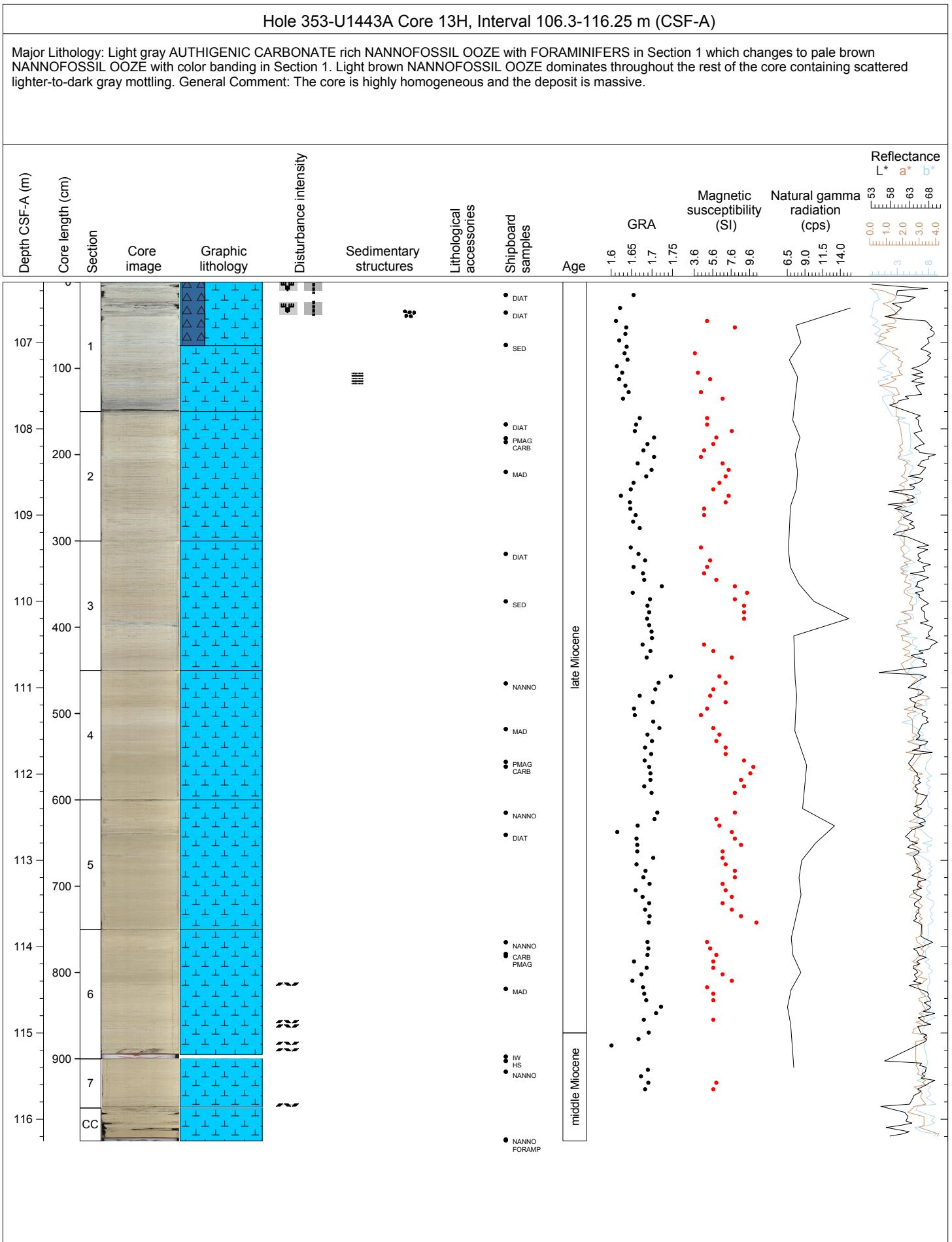
Major Lithology: Light gray NANNOFOSSIL OOZE with some AUTHIGENIC CARBONATES. General Comment: The core contains very minor light gray-to-gray color variations speckled with mottling and infrequent black blebs (potentially sulphides?) The sediment is highly homogeneous.



Hole 353-U1443A Core 12H, Interval 96.8-106.42 m (CSF-A)

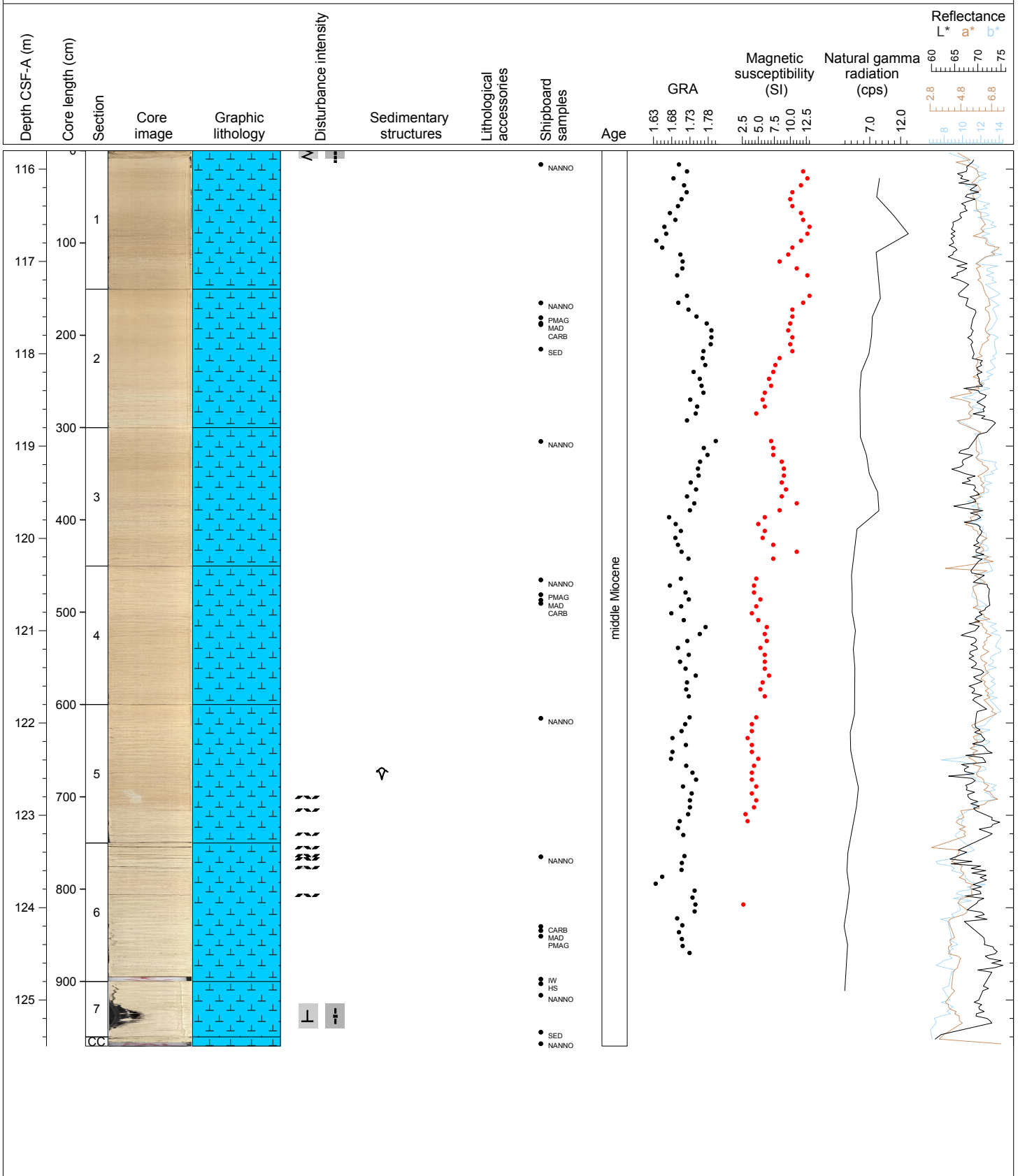
Major Lithology: Light gray AUTHIGENIC CARBONATE rich NANNOFOSSIL OOZE with FORAMINIFERS. Minor Lithology: Section 1 contains an ASH layer. General Comment: The sediment is massive and highly homogenous. Light brown colors appear at the bottom of Section 3 (137-138 cm) and it can be seen sporadically throughout the core. Very minor light gray-to-gray color variations speckled with mottling and infrequent black blebs (potentially sulphides) are seen throughout the core.





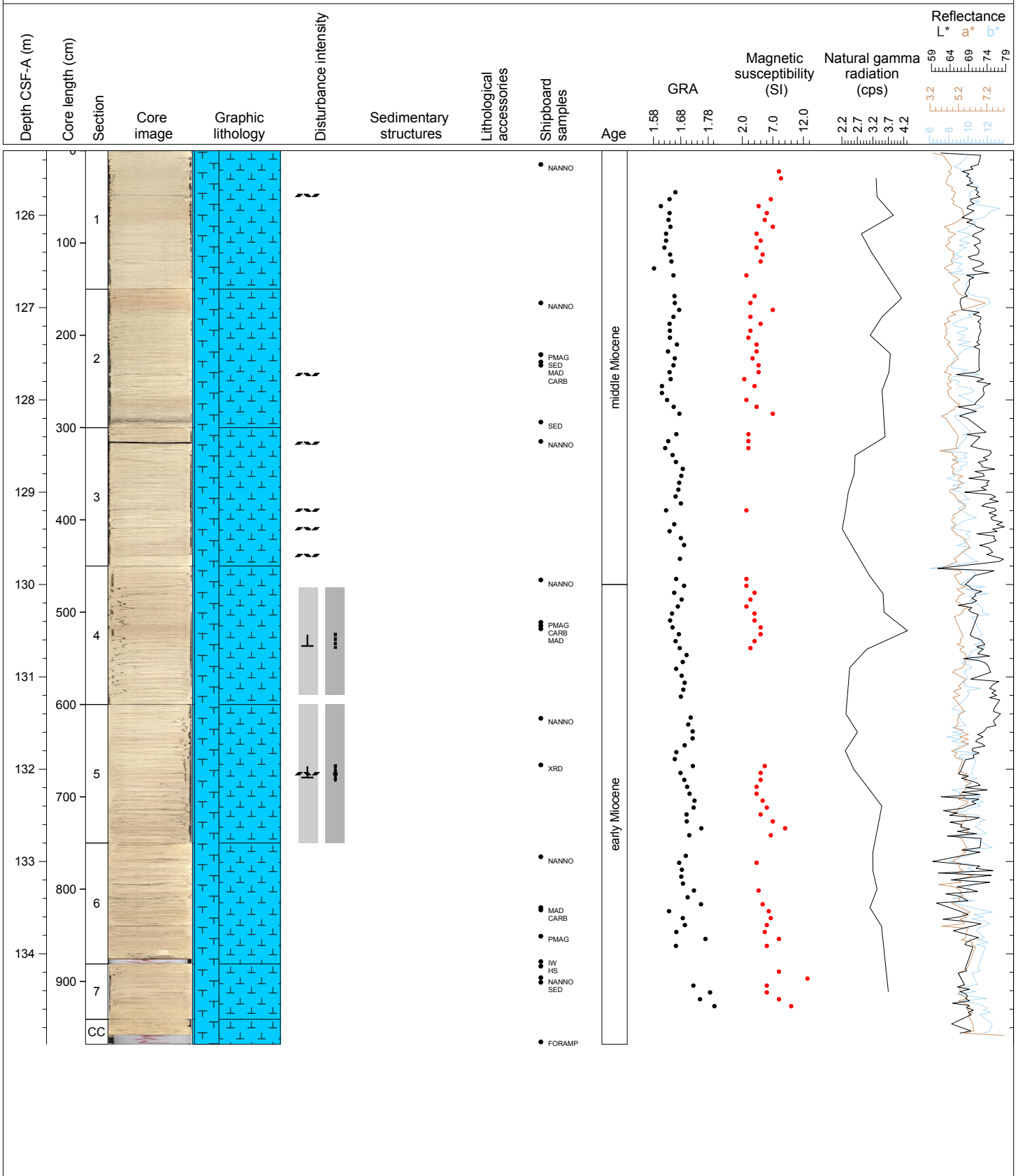
Hole 353-U1443A Core 14H, Interval 115.8-125.5 m (CSF-A)

Major Lithology: Pale yellowish brown NANNOFOSSIL OOZE with very minor, infrequent whitish blebs. There is a very slight color gradation towards a paler brown color from the top to the bottom of the core. General Comment: The core is highly homogenous



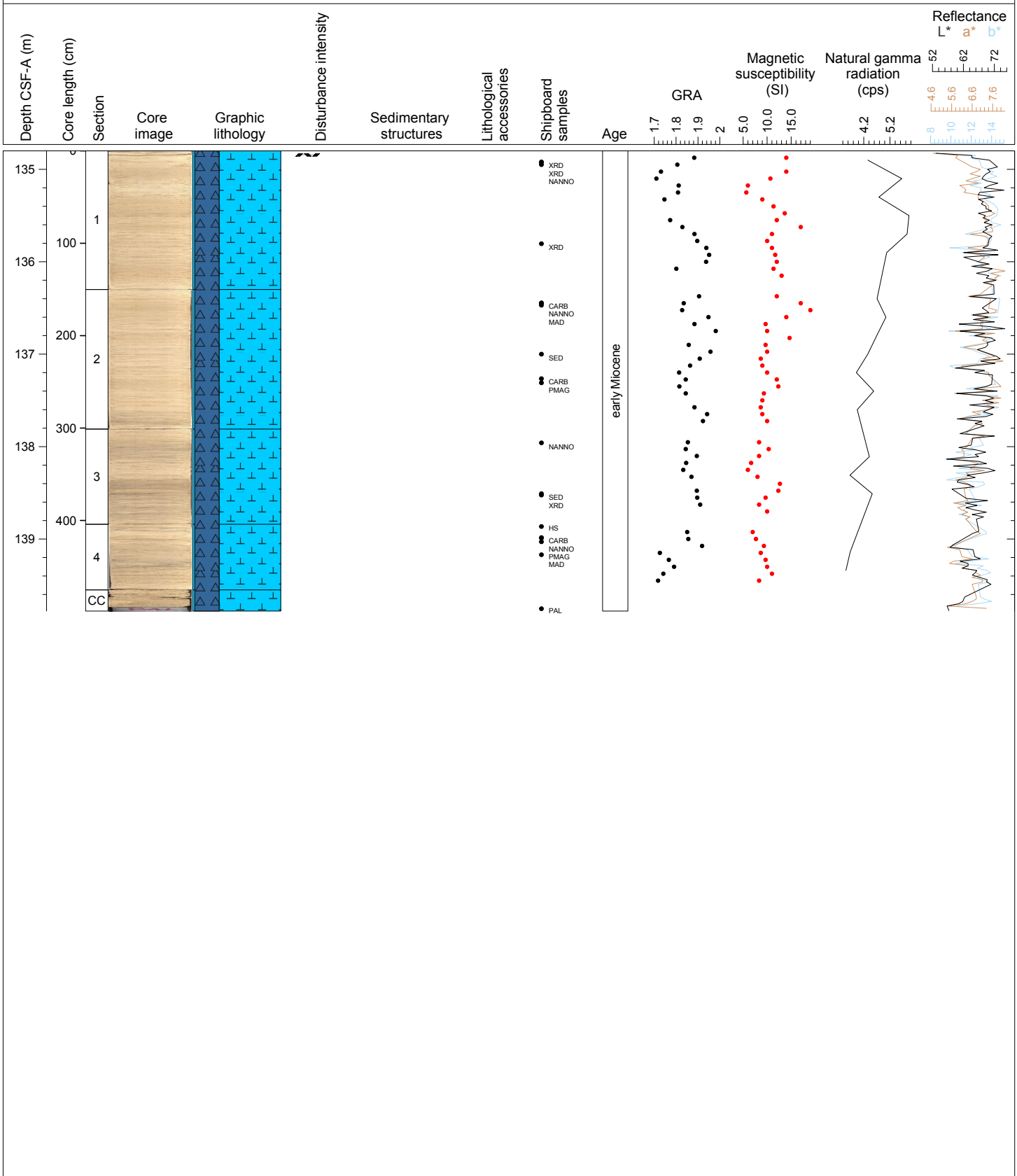
Hole 353-U1443A Core 15H, Interval 125.3-134.98 m (CSF-A)

Major Lithology: Pale yellowish brown (cream-colored) FORAMINIFER RICH NANNOFOSSIL OOZE with AUTHIGENIC CARBONATES. General Comment: The core is highly homogeneous and contains minor, infrequent whitish blebs and a small ash layer in Section 2. Drilling disturbance is minor with several horizontal cracks.



Hole 353-U1443A Core 16F, Interval 134.8-139.78 m (CSF-A)

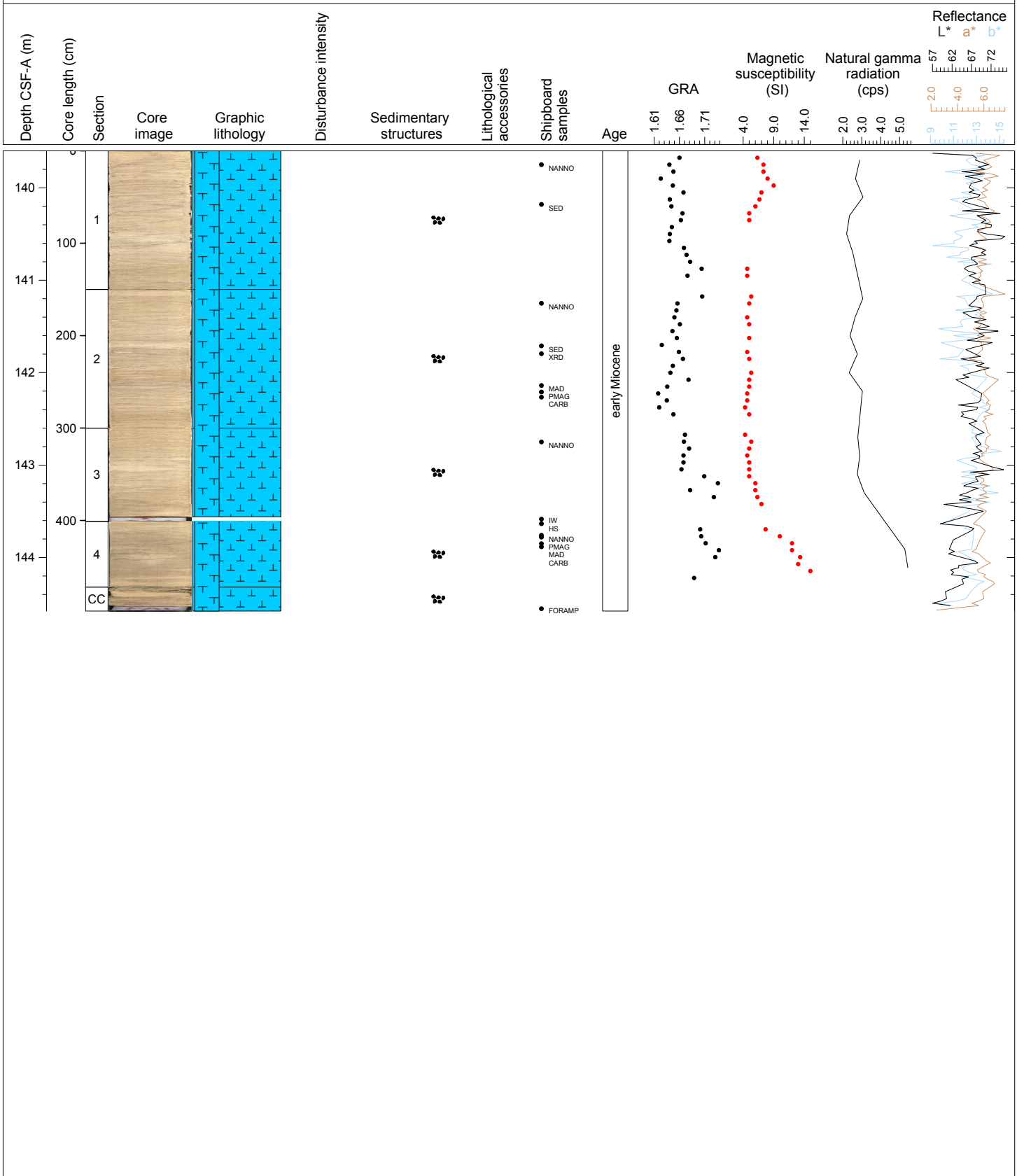
Major Lithology: Pale yellowish brown AUTHIGENIC CARBONATE RICH NANNOFOSSIL OOZE. General Comment: The bottom of the core is slightly darker than the top. In Section 3 grey wispy thin bands of darker gray sediment containing opaque minerals (iron oxides?) are visible, which continue into Section 4. Disturbed nature of bands suggest moderate bioturbation. The core is highly homogeneous in Section 1 and 2. Drilling disturbance is minimal.





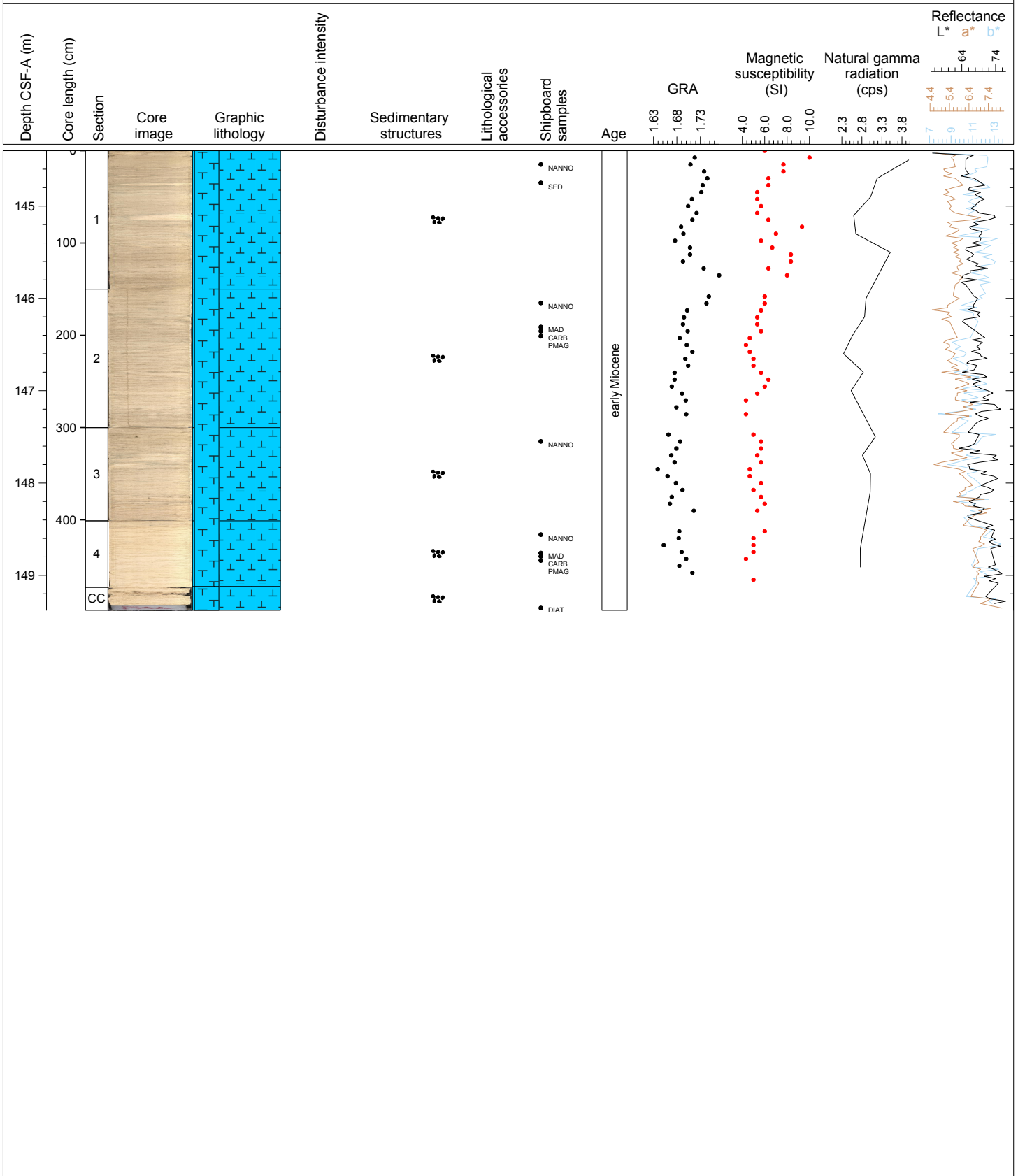
Hole 353-U1443A Core 17F, Interval 139.6-144.58 m (CSF-A)

Major Lithology: Pale yellowish brown / pale grey FORAMINIFER RICH NANNOFOSSIL OOZE with AUTHIGENIC CARBONATE. General Comment: The bottom of the core is slightly darker than the top. In Section 4 color is 2.5Y/7/2 (pale gray). Throughout the core, grey wispy thin bands of darker gray sediment containing opaque minerals (iron oxides?) are visible. Disturbed nature of bands suggest moderate bioturbation. Sediment is very well consolidated and stiff. Drilling disturbance is minimal.



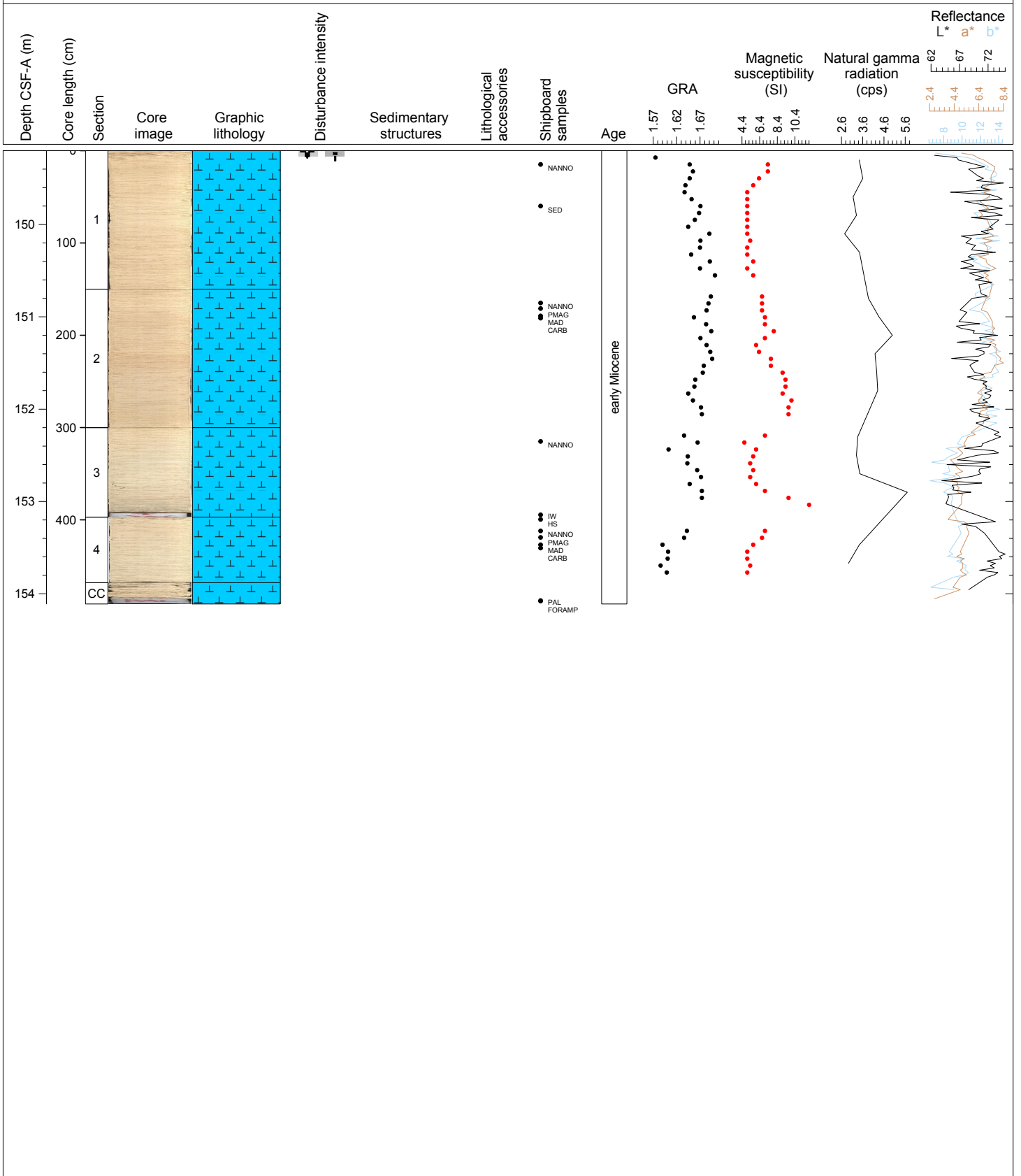
Hole 353-U1443A Core 18F, Interval 144.4-149.38 m (CSF-A)

Major Lithology: Yellowish brown (2.5Y 8/2) FORAMINIFER RICH NANNOFOSSIL OOZE with AUTHIGENIC CARBONATE and very pale yellowish brown (10YR 8/2) NANNOFOSSIL OOZE that contains whitish and darker gray mottling. General Comment: The core is highly homogeneous, with some dark gray wispy mottling in Sections 1-3. Section 4 is distinctly paler than Section 1 with a gradual color change. Sediment is very well consolidated and stiff. Drilling disturbance is minimal.



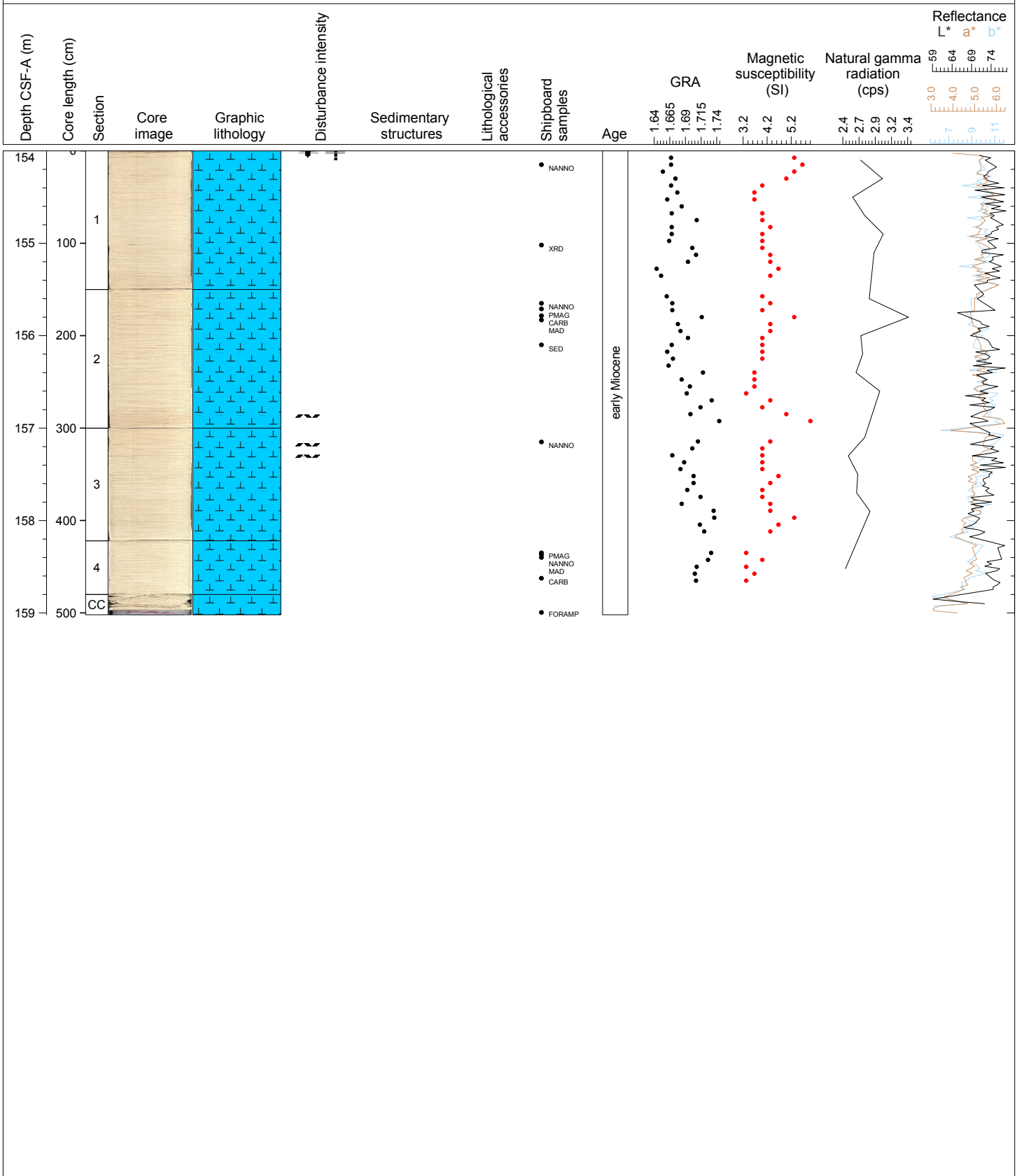
Hole 353-U1443A Core 19F, Interval 149.2-154.11 m (CSF-A)

Major Lithology: Yellowish brown (2.5Y 8/2) NANNOFOSSIL OOZE with AUTHIGENIC CARBONATE. General Comment: The core is highly homogeneous, with some dark gray wispy mottling in the base of Sections 3. Sediment is very well consolidated and stiff. Drilling disturbance is minimal except for mousselike texture at the top of Section 1.



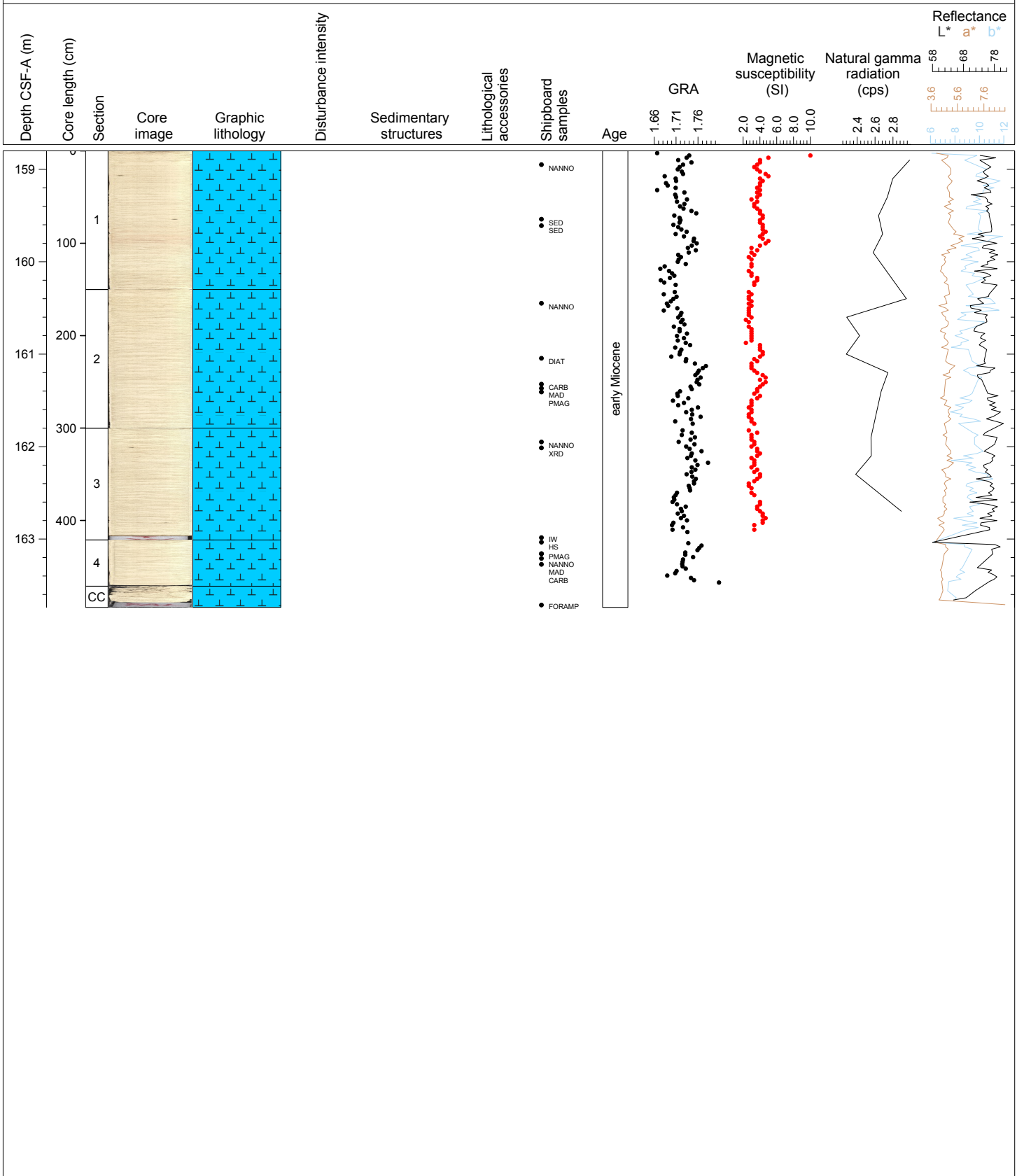
Hole 353-U1443A Core 20F, Interval 154.0-159.02 m (CSF-A)

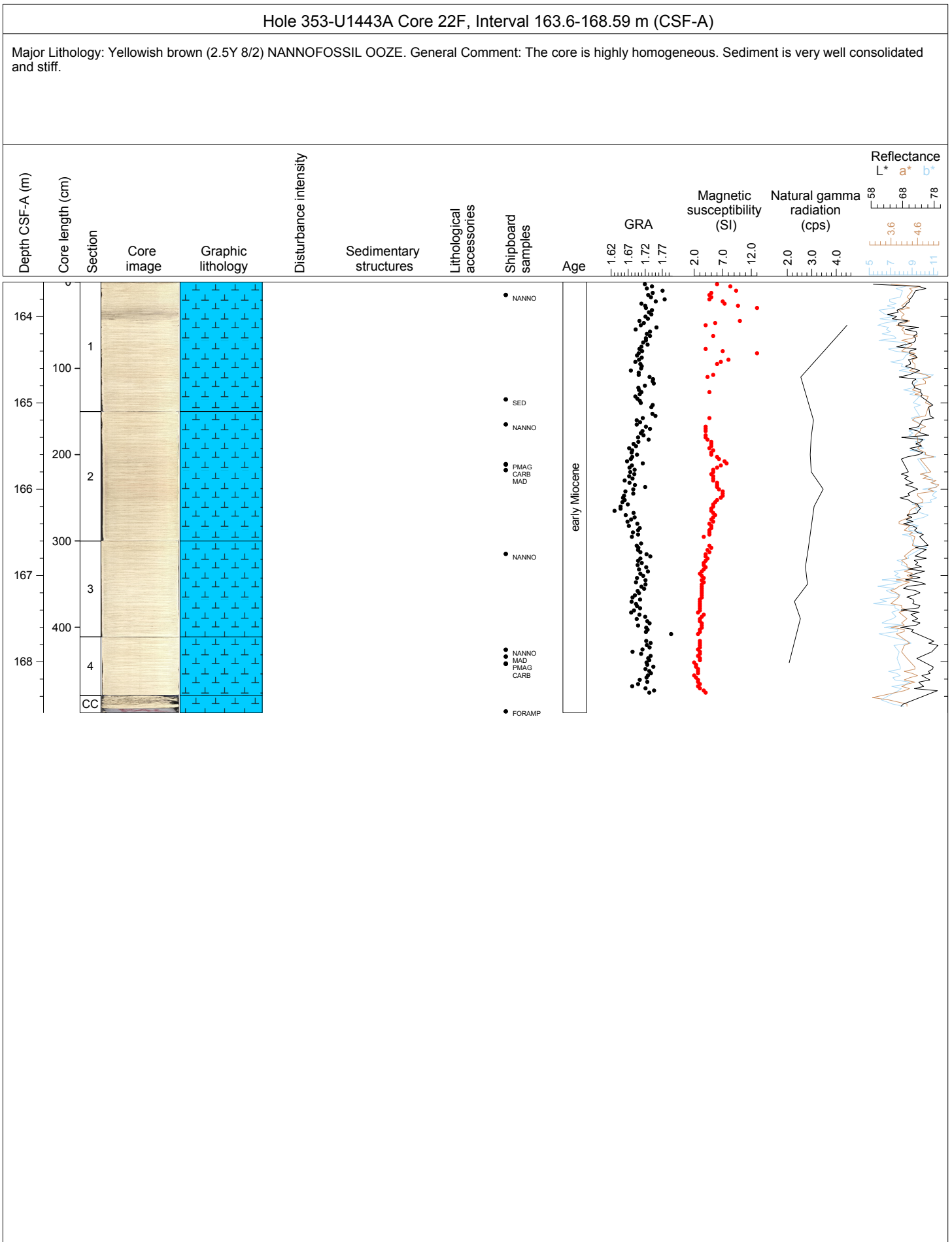
Major Lithology: Yellowish brown (2.5Y 8/2) NANNOFOSSIL OOZE with FORAMINIFER. General Comment: The core is highly homogeneous. Sediment is very well consolidated and stiff. Drilling disturbance is minimal except for mousselike texture at the top of Section 1 and some horizontal cracks in Section 3.

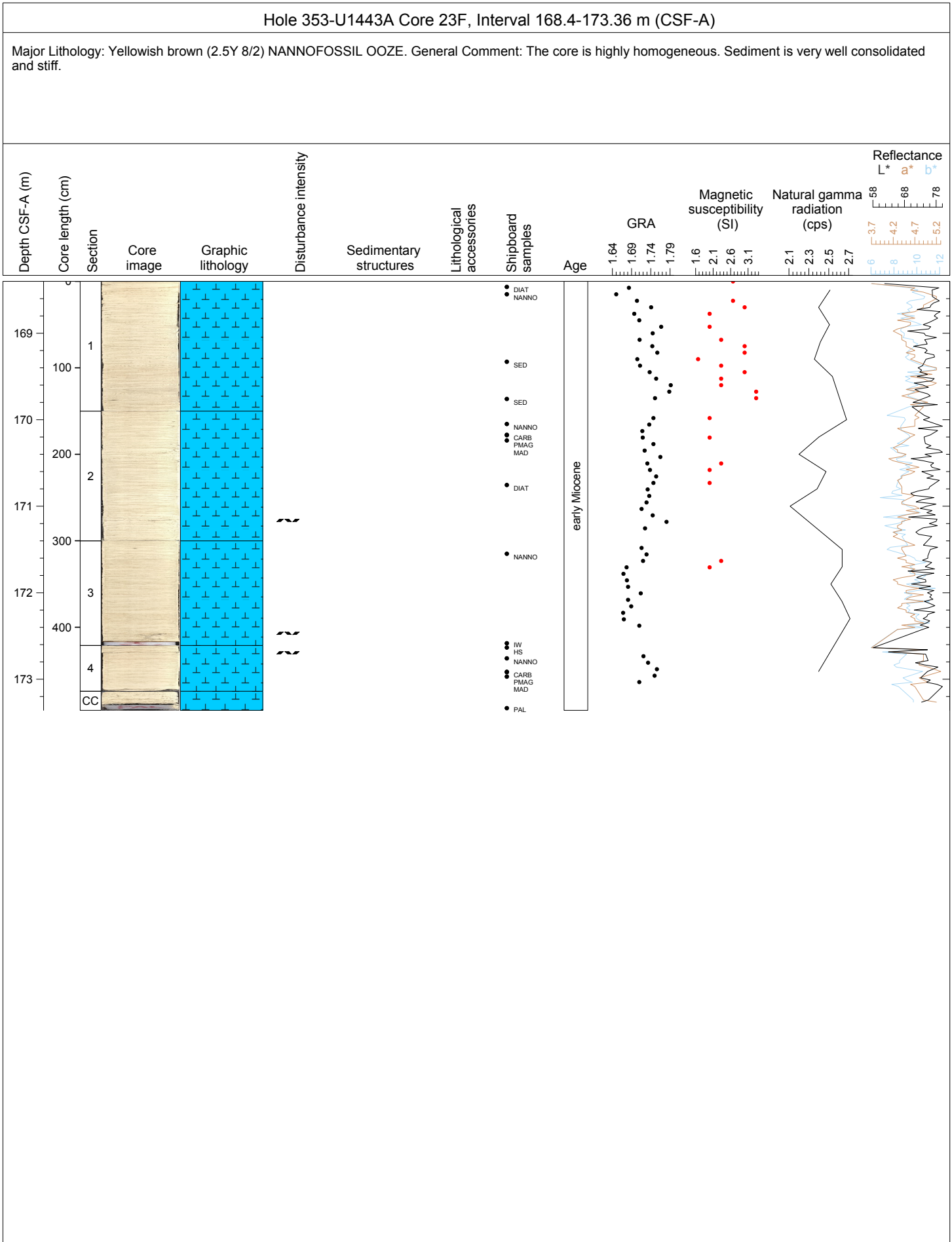


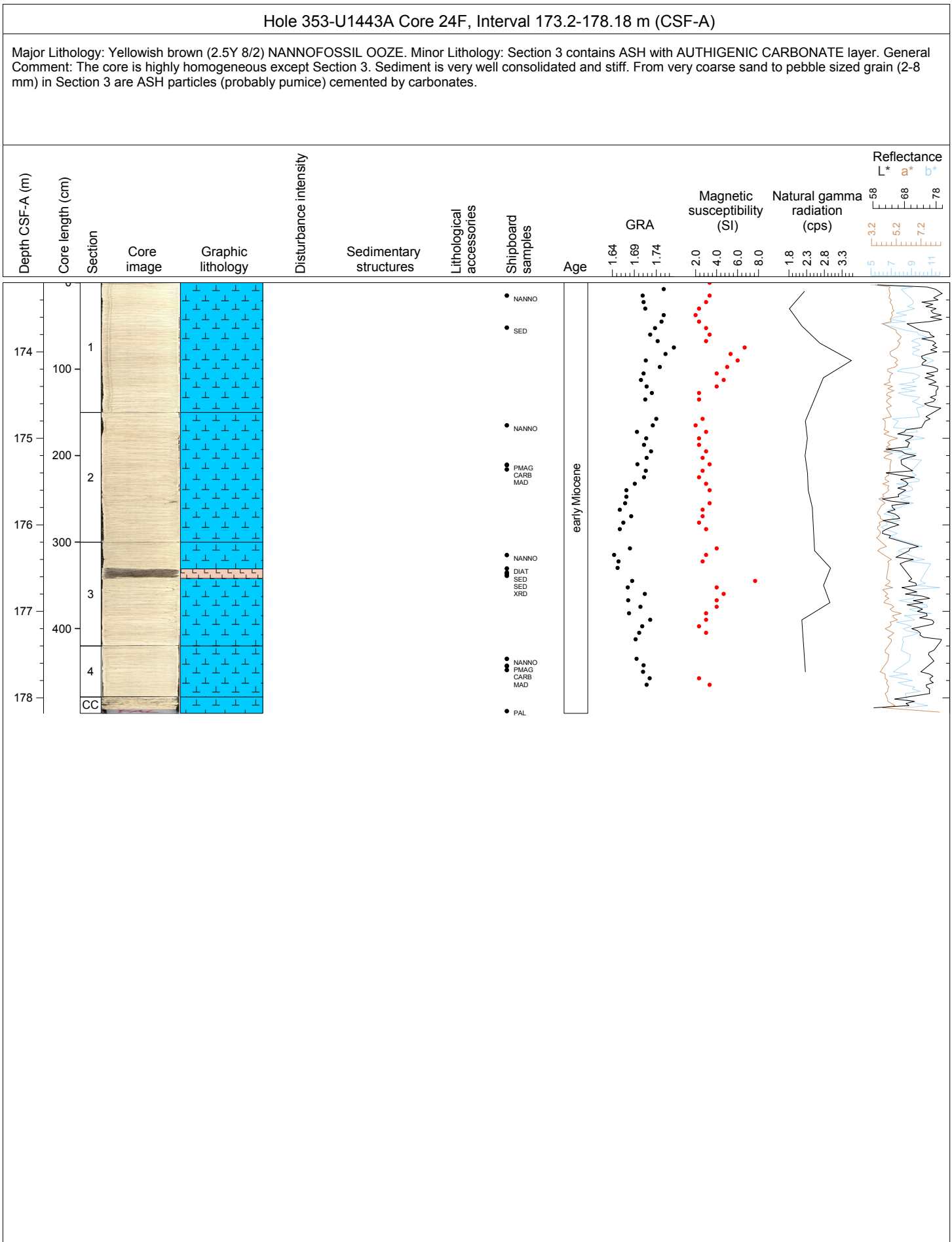
Hole 353-U1443A Core 21F, Interval 158.8-163.74 m (CSF-A)

Major Lithology: Yellowish brown (2.5Y 8/2) NANNOFOSSIL OOZE. General Comment: The core is highly homogeneous. Sediment is very well consolidated and stiff.





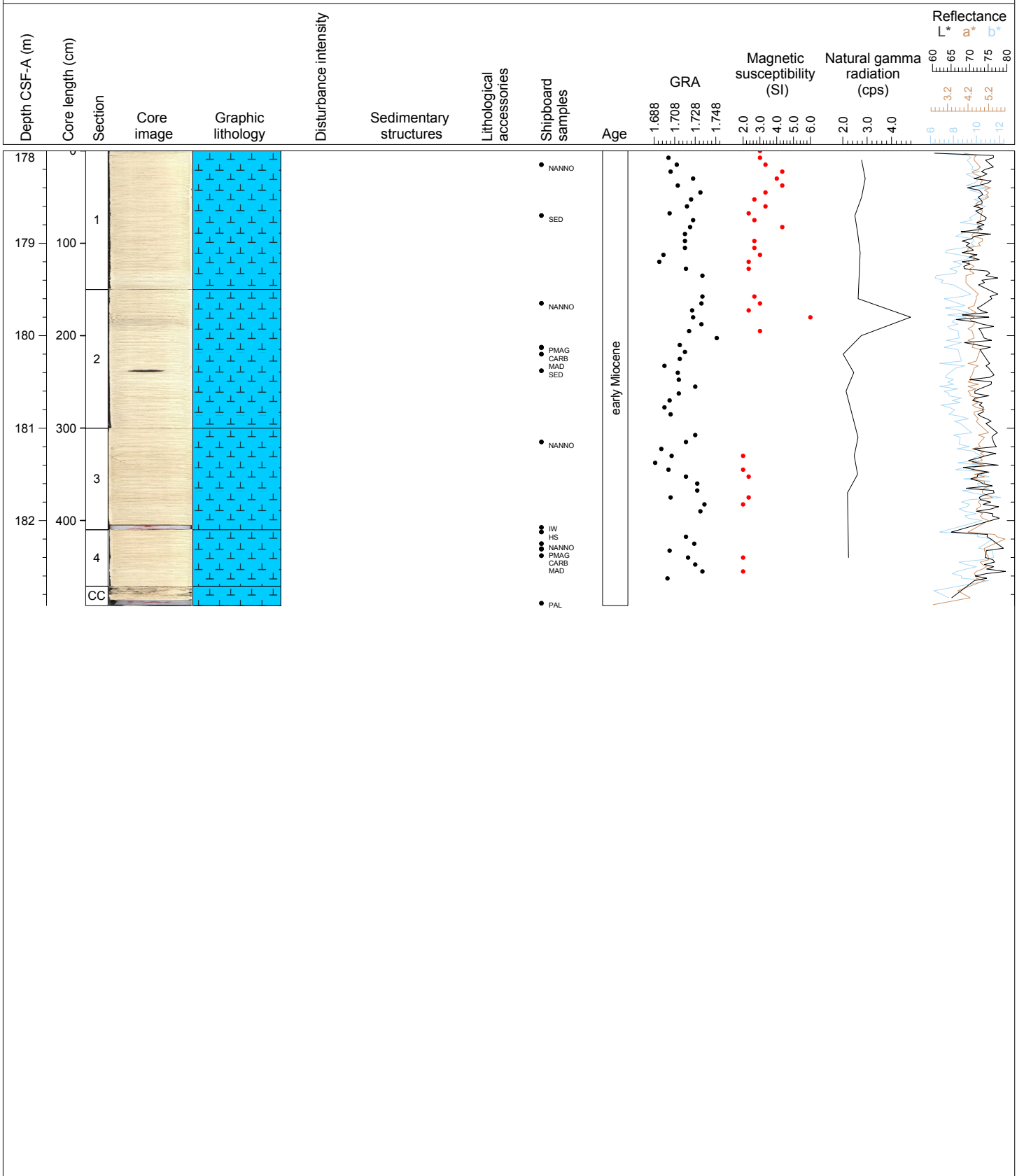






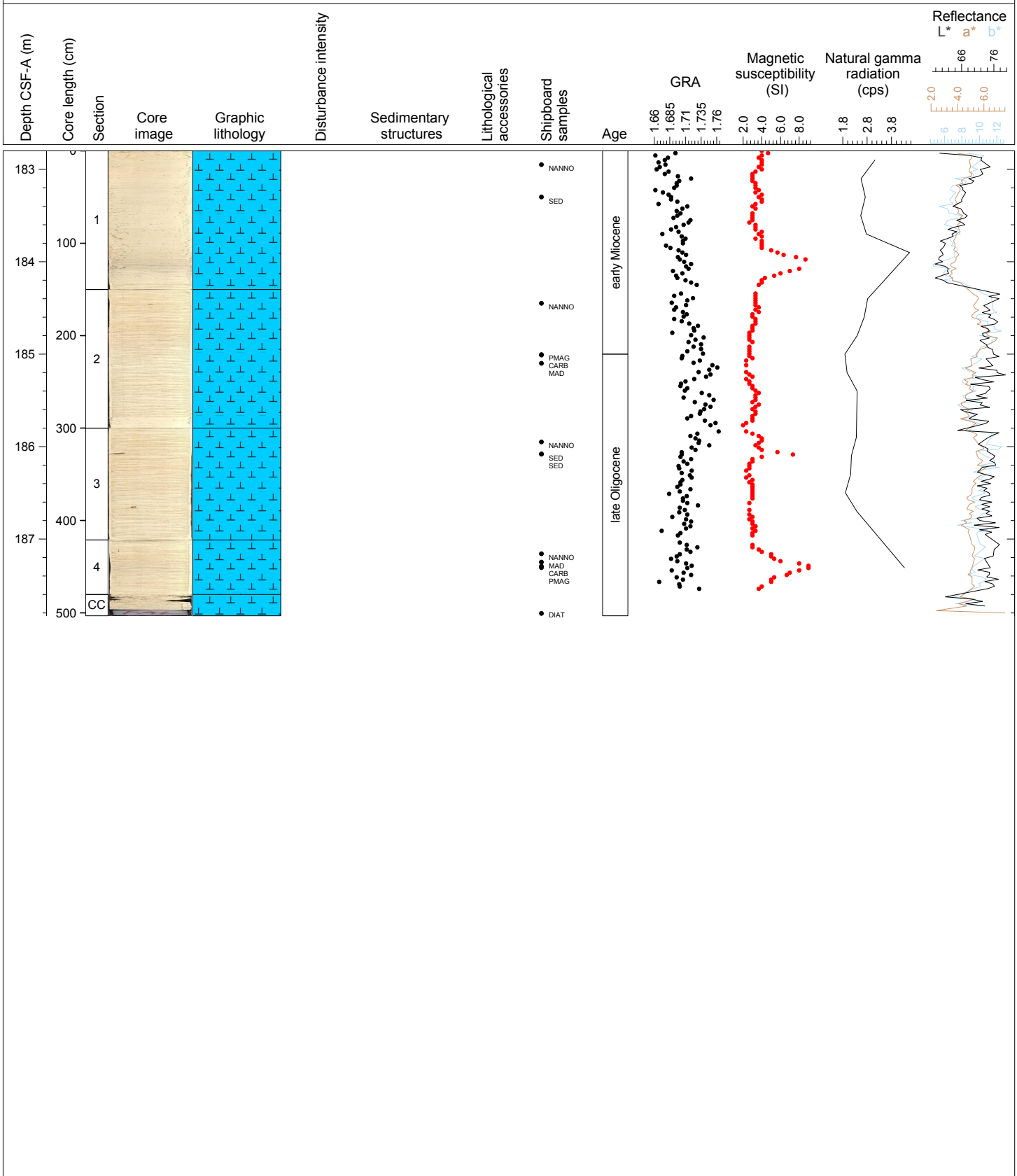
Hole 353-U1443A Core 25F, Interval 178.0-182.92 m (CSF-A)

Major Lithology: Yellowish brown (2.5Y 8/2) NANNOFOSSIL OOZE. General Comment: The core is highly homogeneous. Sediment is very well consolidated and stiff.



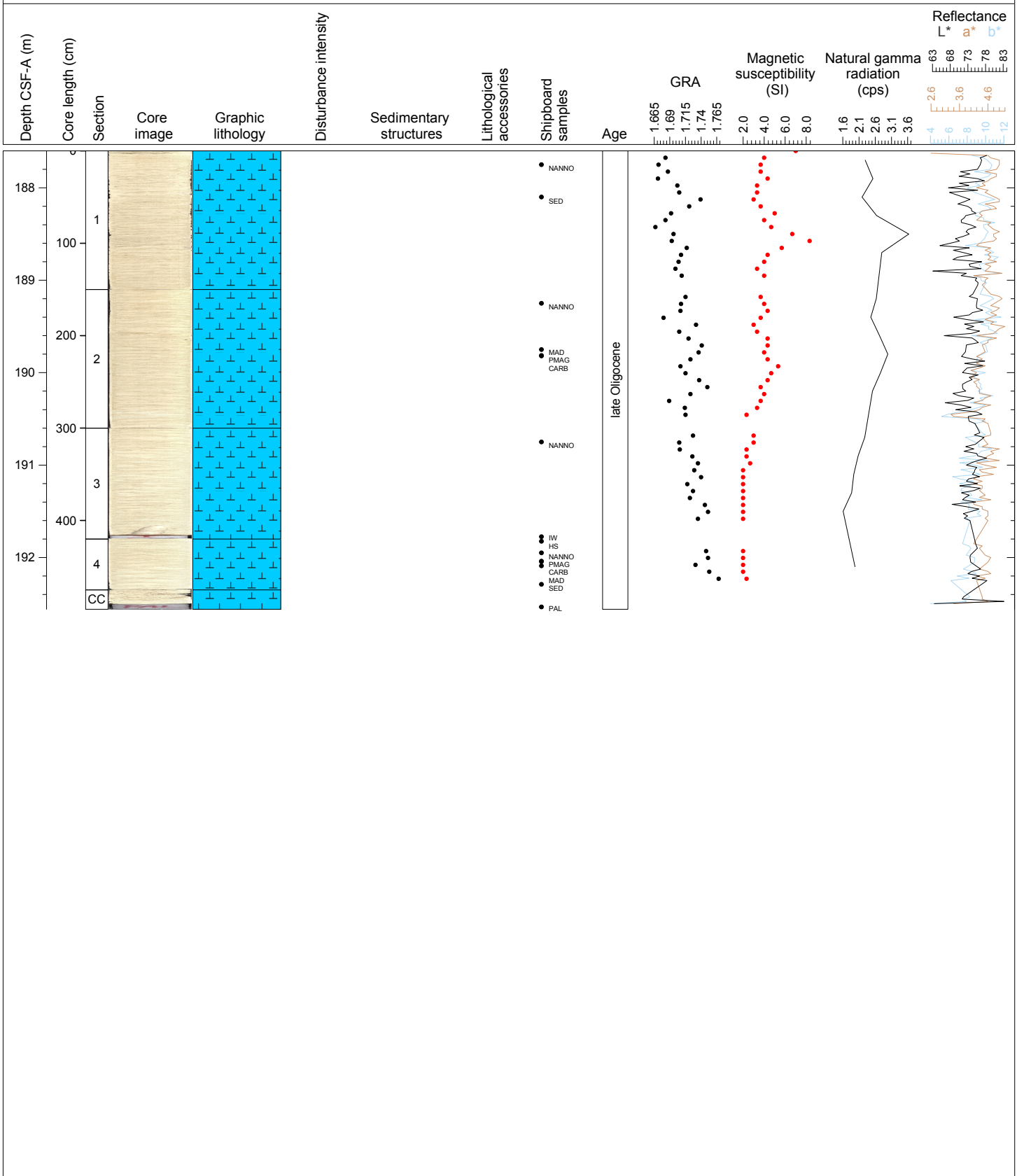
Hole 353-U1443A Core 26F, Interval 182.8-187.83 m (CSF-A)

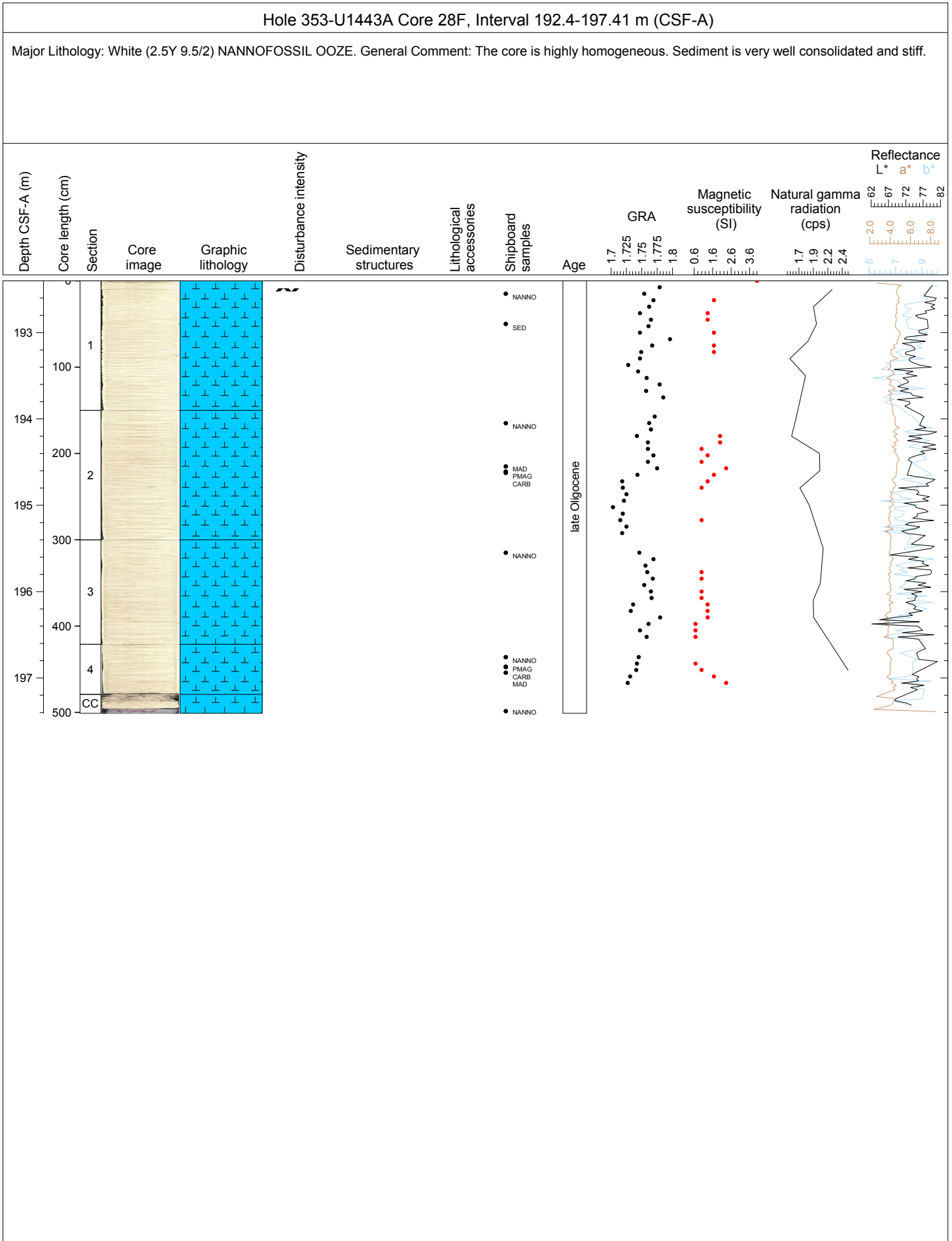
Major Lithology: Yellowish brown (2.5Y 8/2) NANNOFOSSIL OOZE. General Comment: The lithology color gradually and faintly changes from yellowish brown to white along this core. Sediment is very well consolidated and stiff.

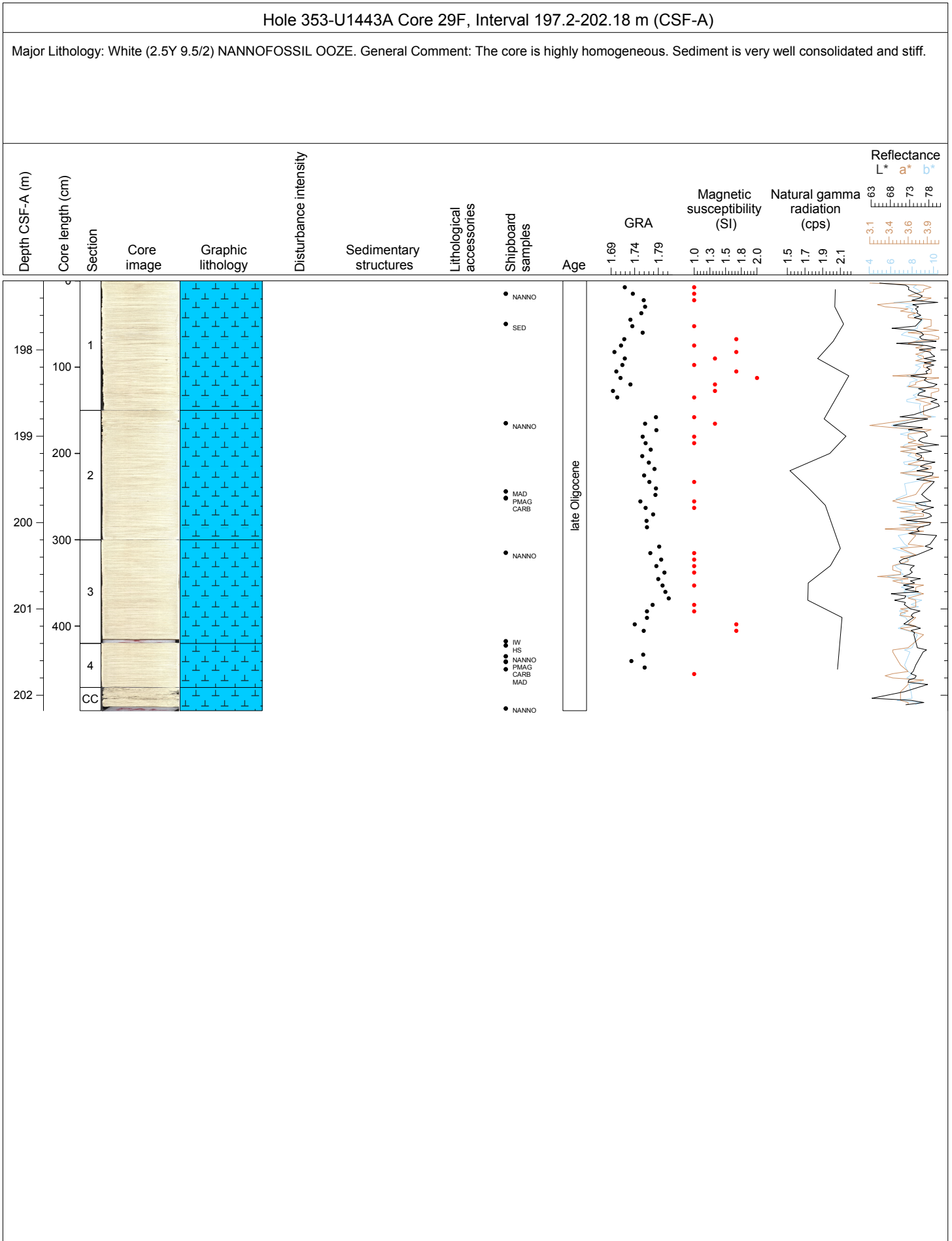


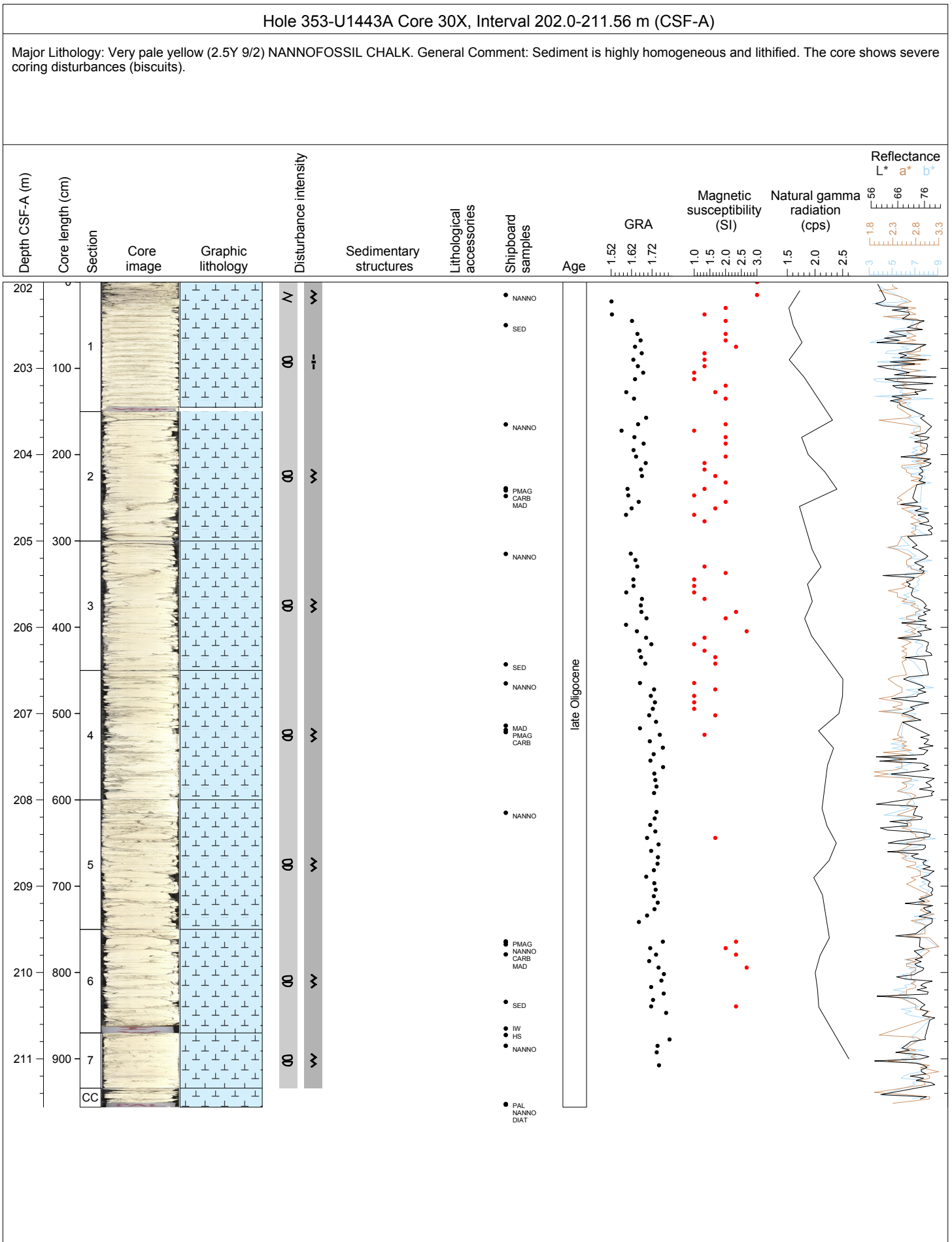
Hole 353-U1443A Core 27F, Interval 187.6-192.56 m (CSF-A)

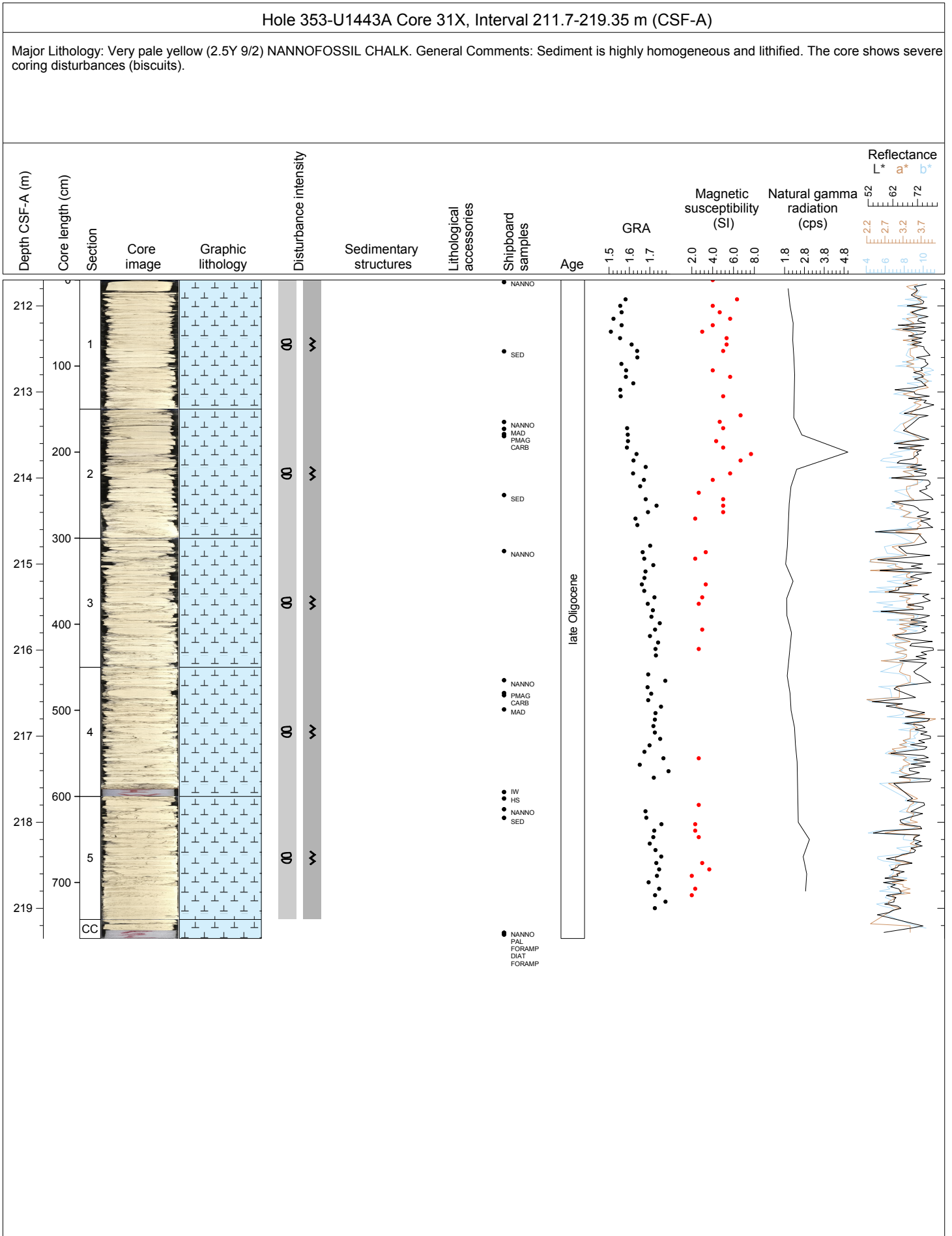
Major Lithology: Yellowish brown (2.5Y 8/2) to white (2.5Y 9.5/2) NANNOFOSSIL OOZE. General Comment: The lithology color gradually and faintly changes from yellowish brown to white along this core. Sediment is very well consolidated and stiff.

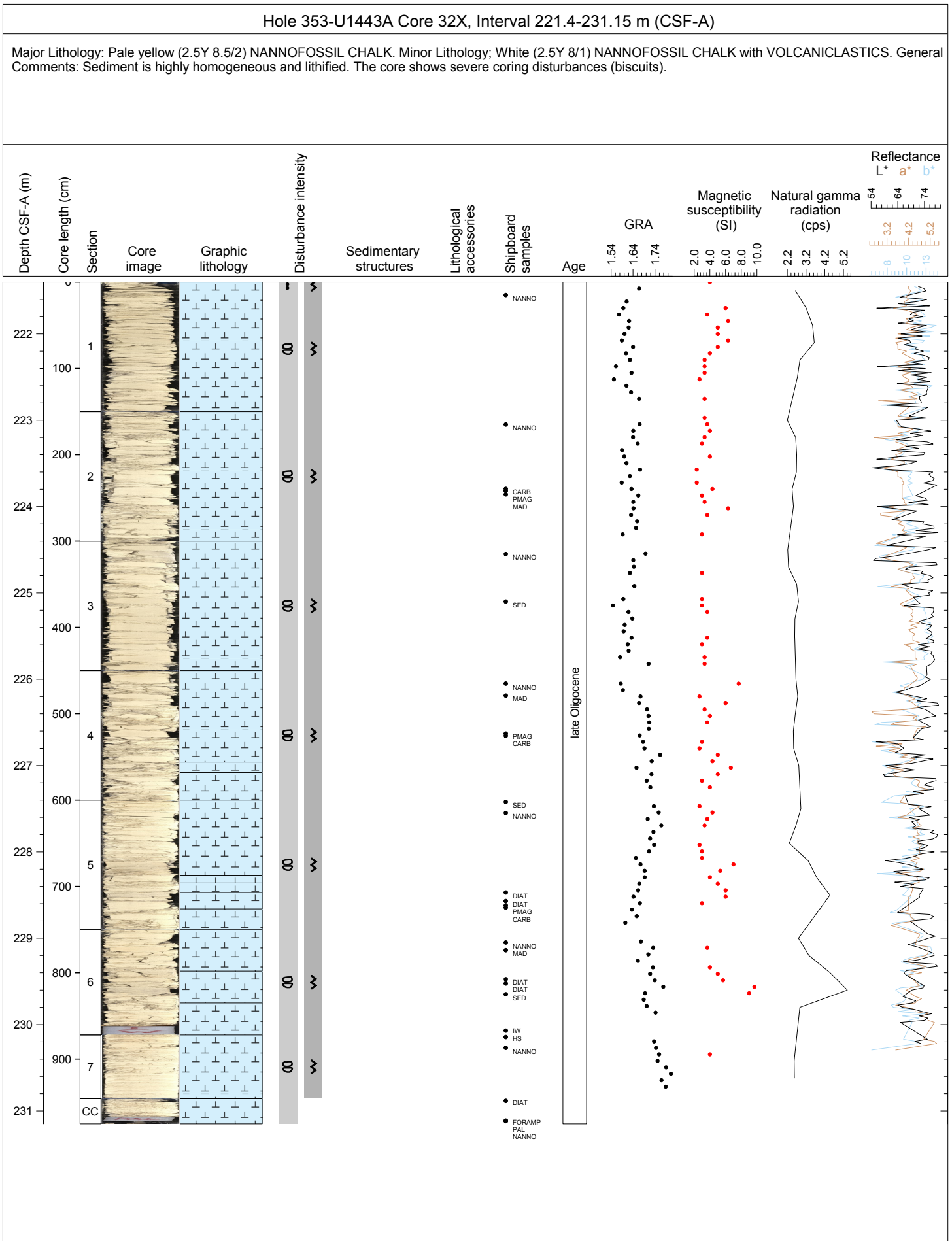




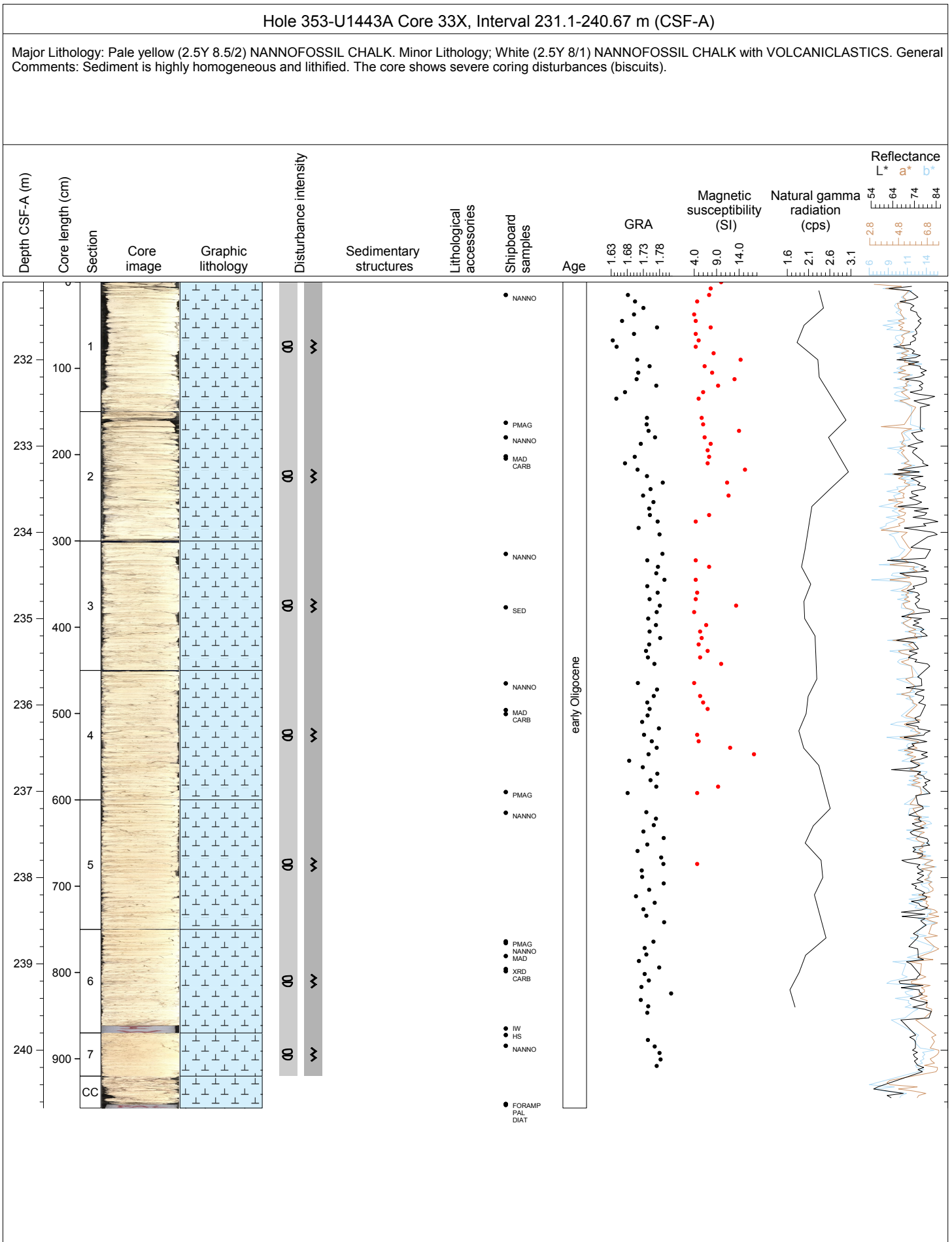


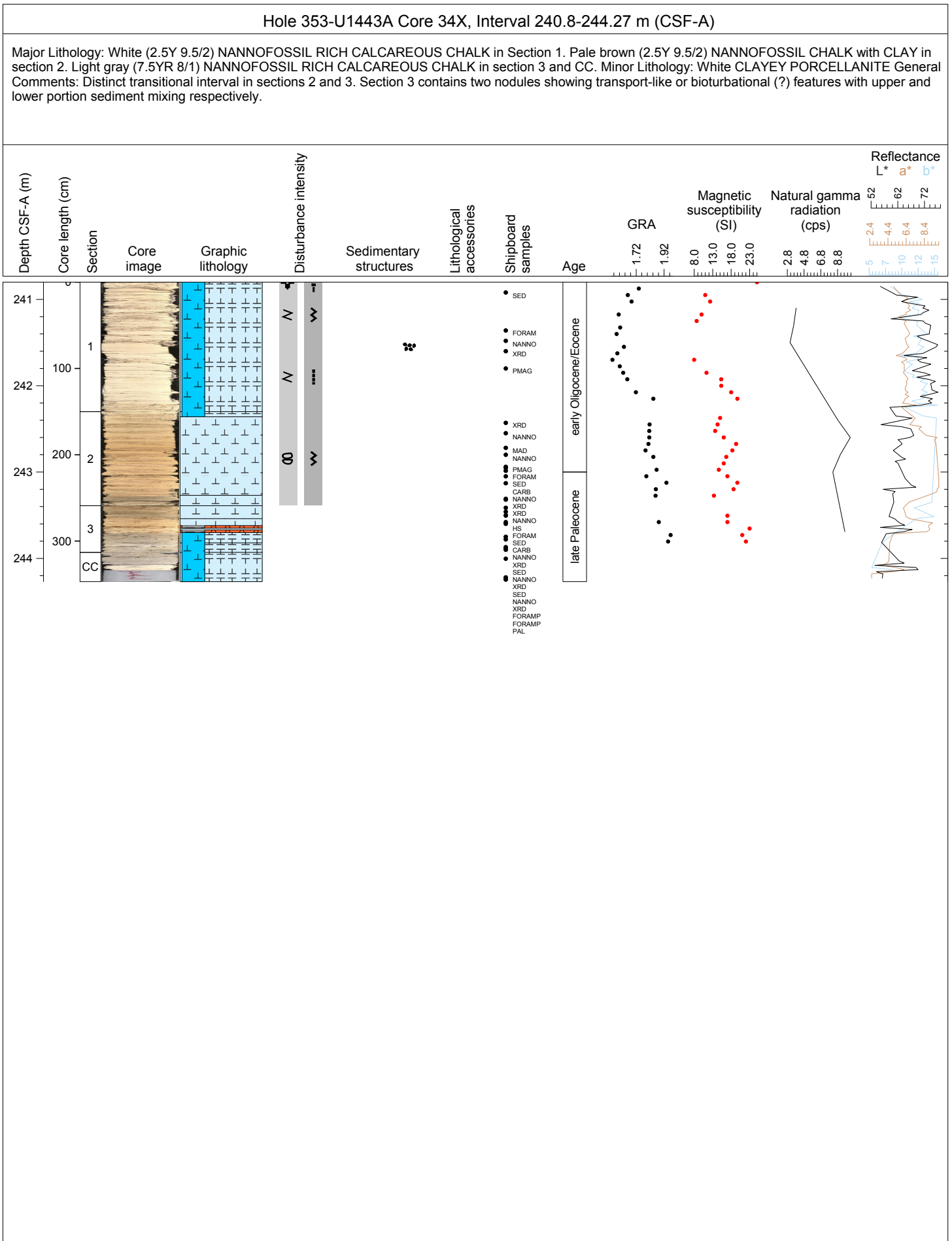


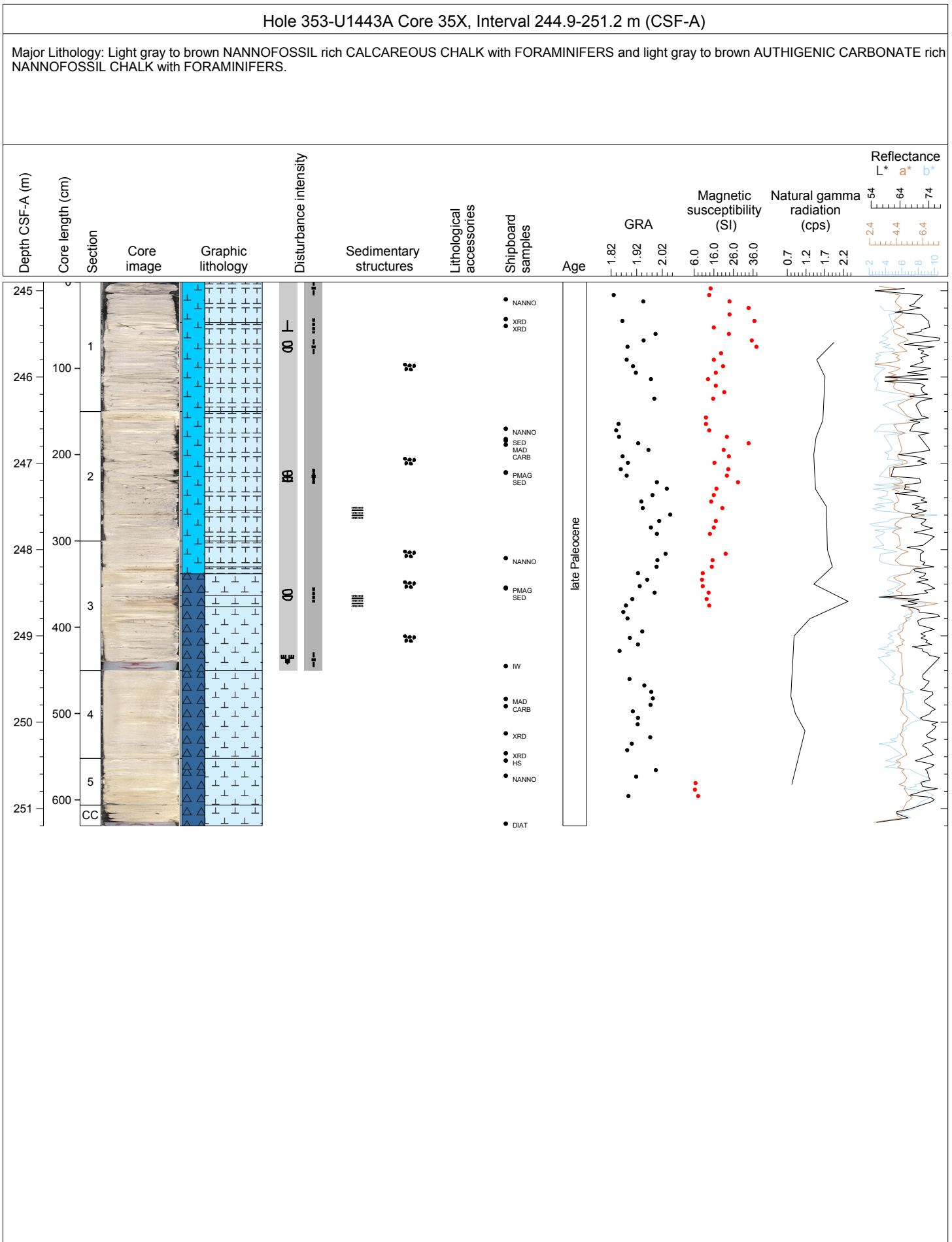


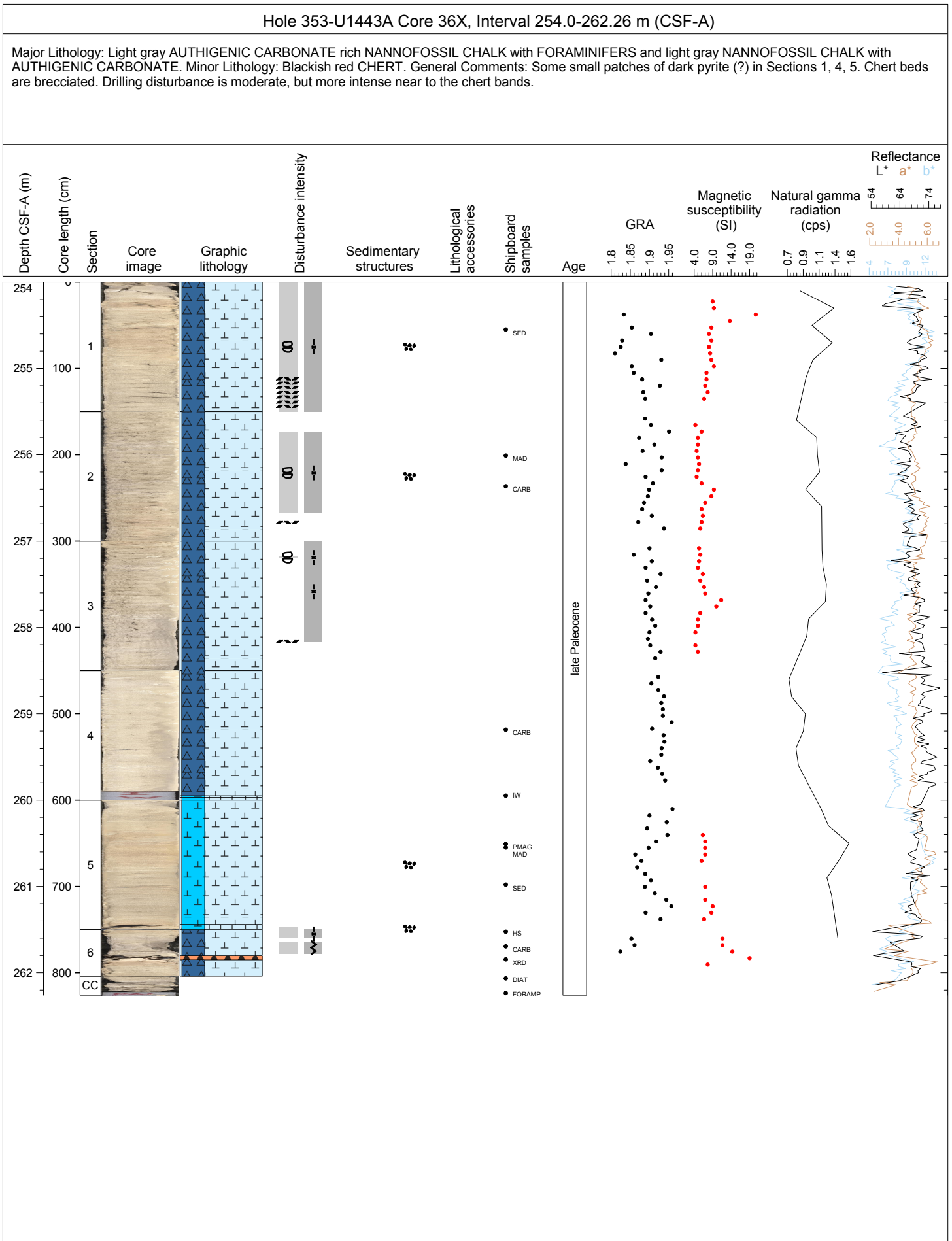


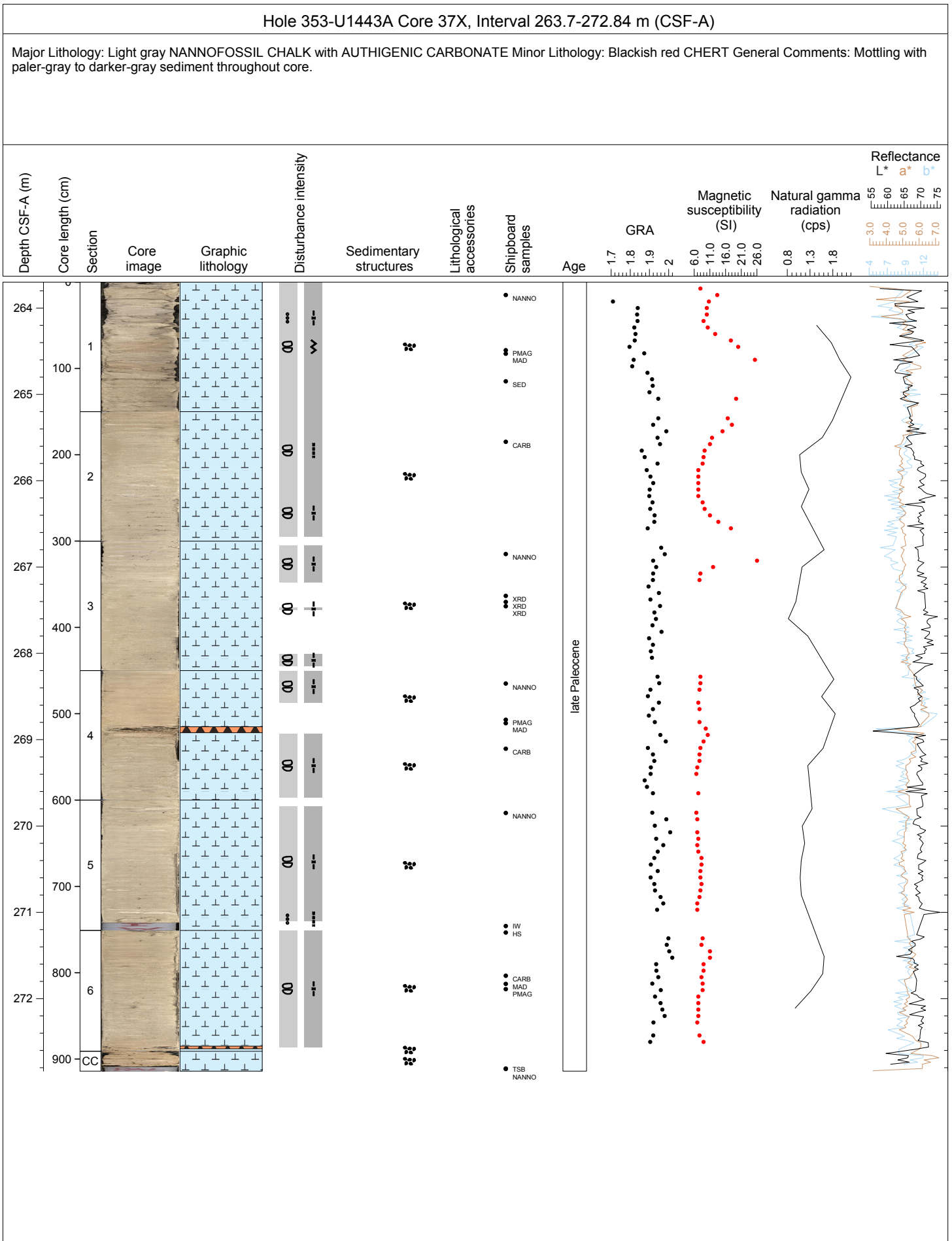


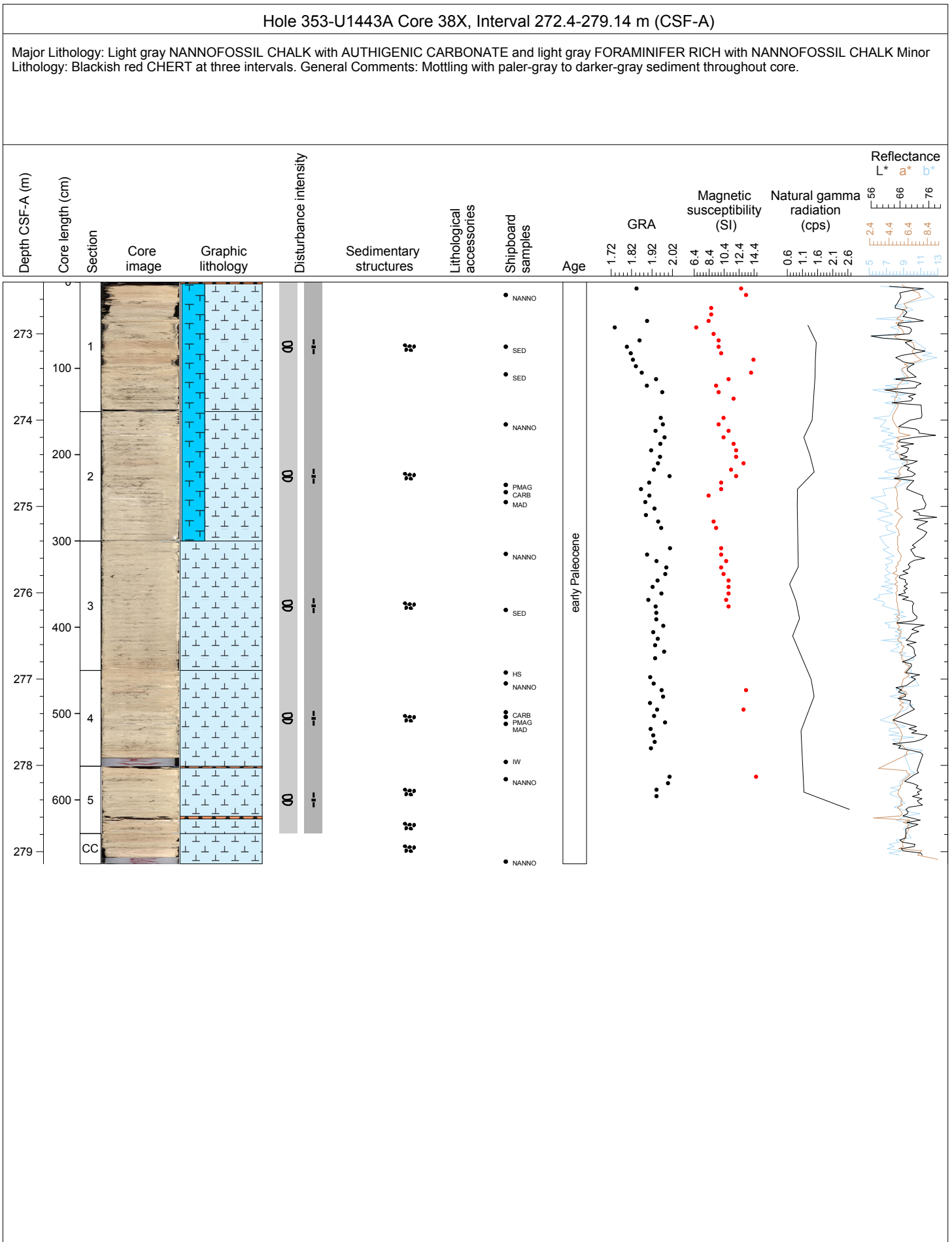






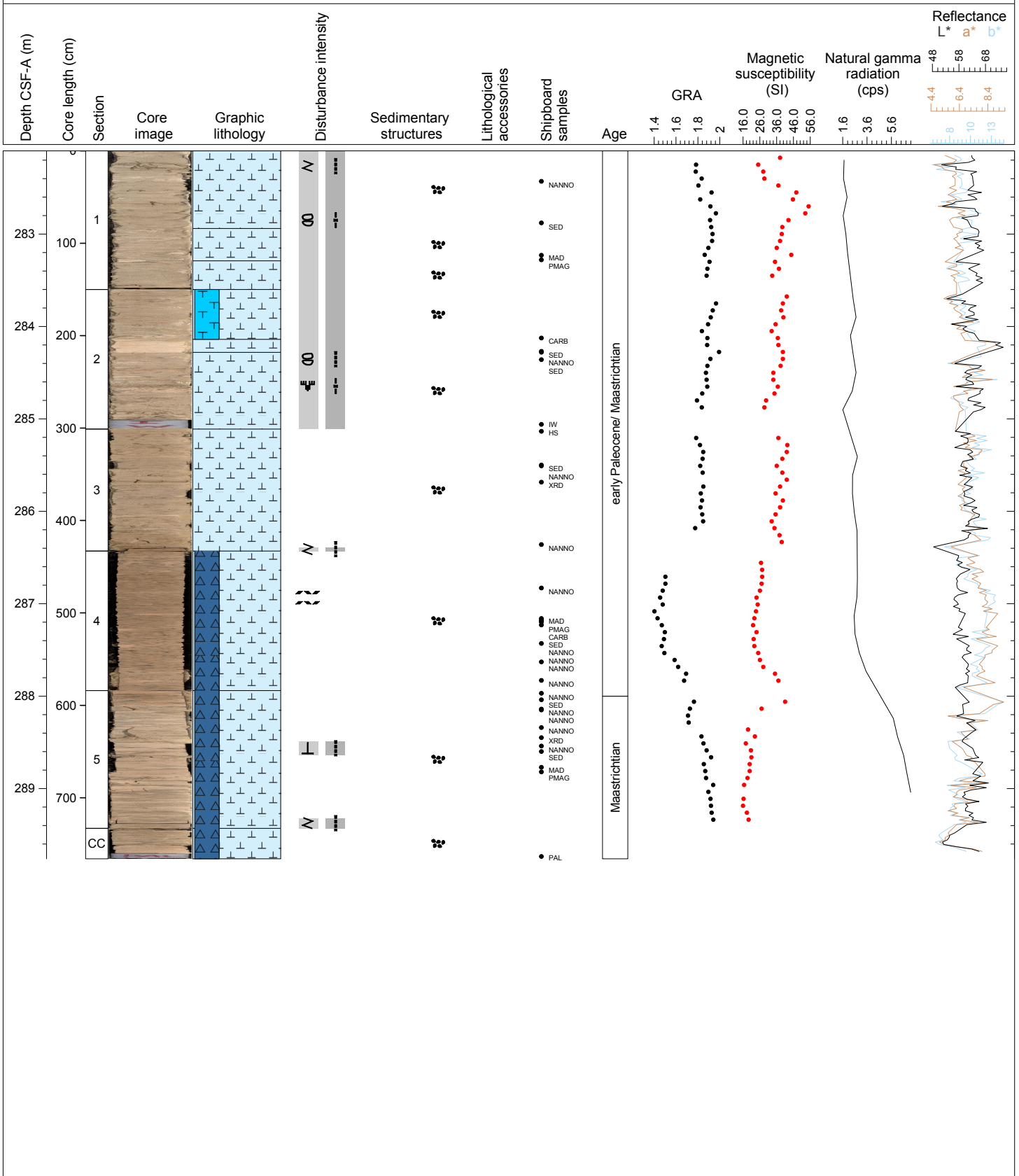






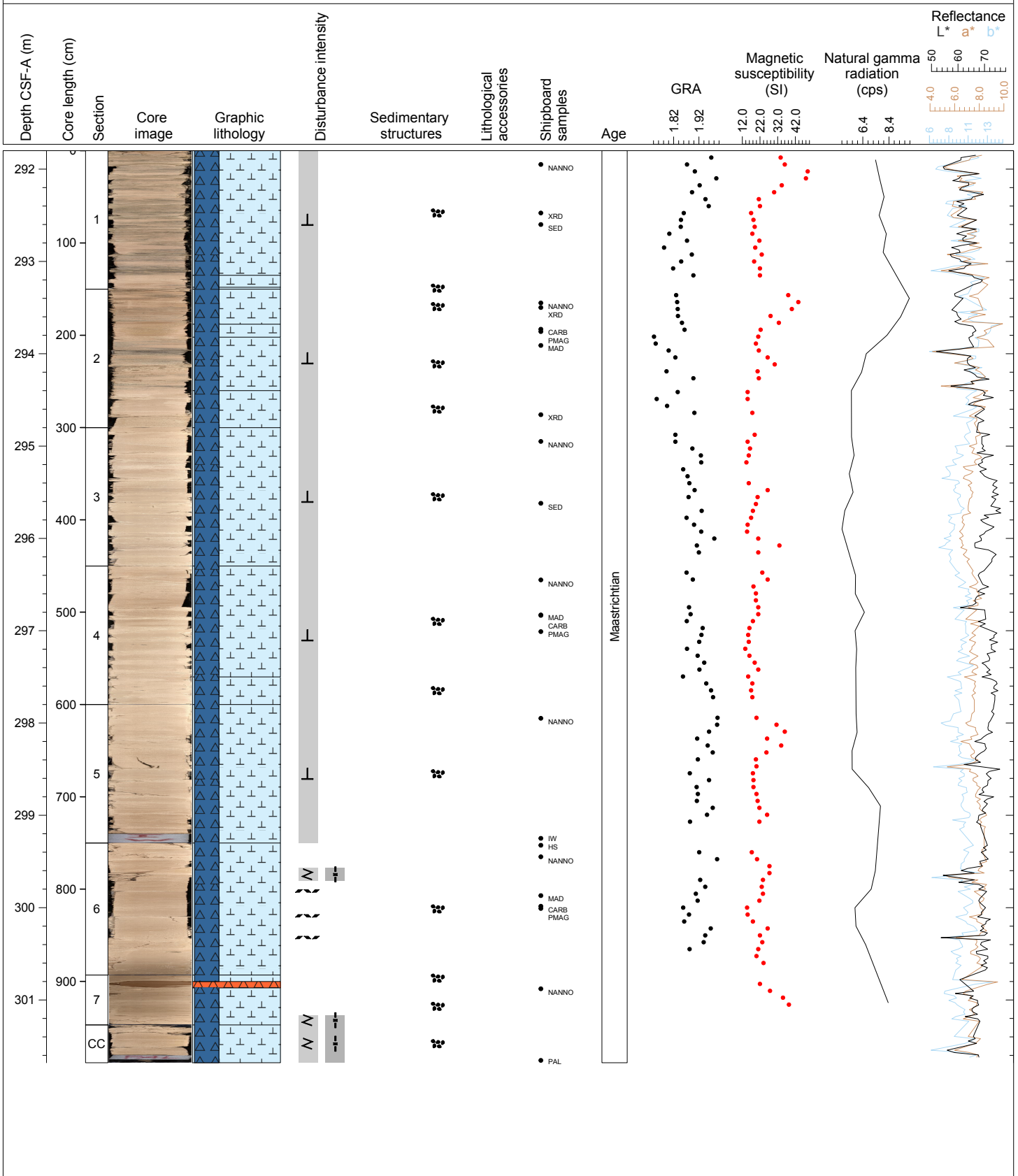
Hole 353-U1443A Core 39X, Interval 282.1-289.76 m (CSF-A)

Major Lithology: Pale-pinkish-brown (7.5YR 8/2) NANNOFOSSIL CHALK with AUTHIGENIC CARBONATES, pale brown FORAMINIFER RICH NANNOFOSSIL CHALK with AUTHIGENIC CARBONATES, and darker pale brown AUTHIGENIC CARBONATE RICH NANNOFOSSIL CHALK with CLAY. General Comments: Core shows distinct change from section 1 to section 4 with most drastic change in section 3 to section 4. There are multiple grey-to-black blebs increasing in frequency and intensity with depth. Section 5 contains bed-like banding of light pink and light gray sediments. Mottling and bioturbational features seen throughout this core, with darker gray blebs starting in section 2. Core disturbance is limited to slight biscuiting in section 1 and some cracks and fractures in sections 4 and 5.



Hole 353-U1443A Core 40X, Interval 291.8-301.68 m (CSF-A)

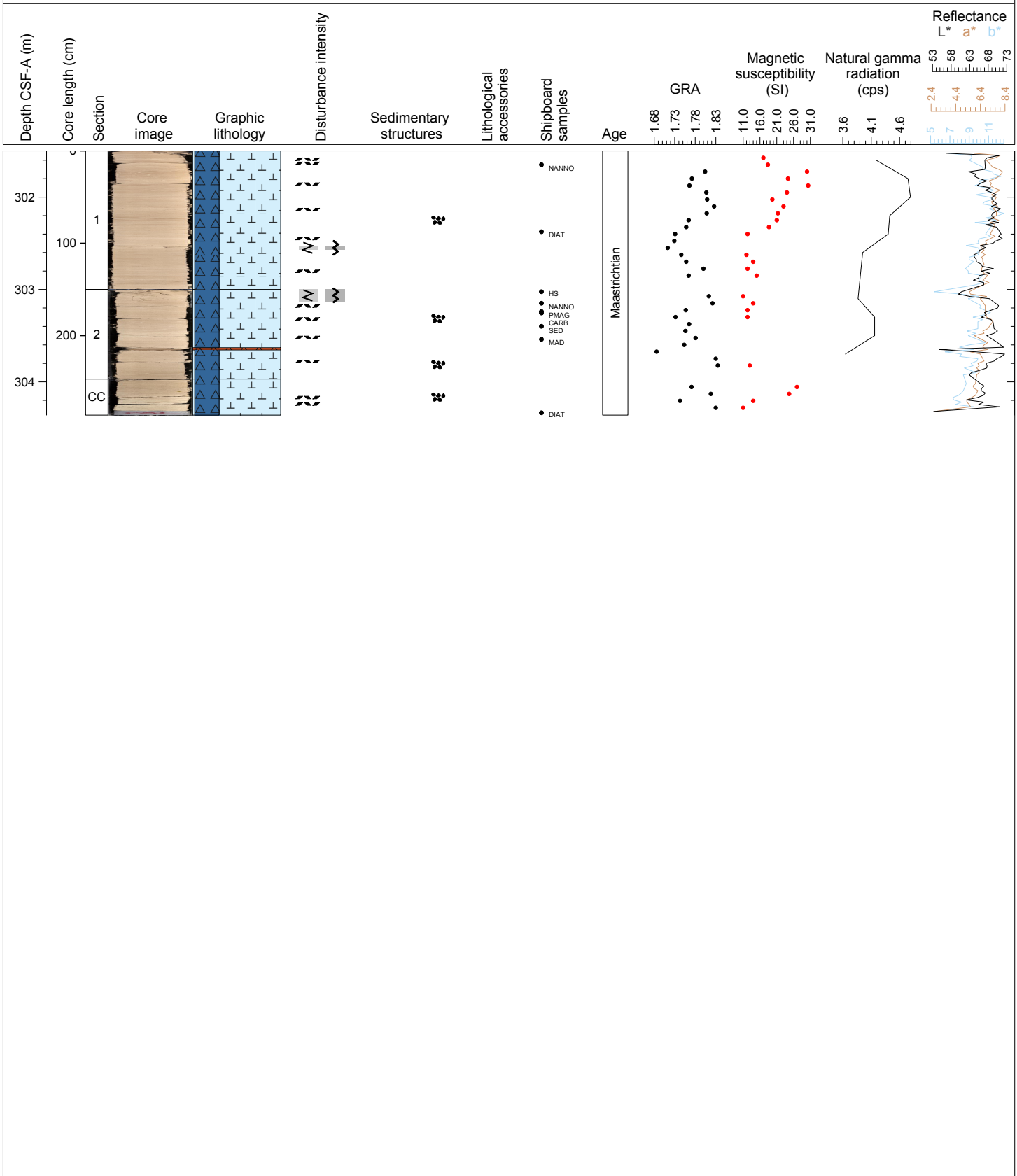
Major Lithology: Pale-yellowish-pink (7.5YR 9/2), pale-orange-yellow (10YR 9/2) and pinkish-white (7.5YR 8.5/2) AUTHIGENIC CARBONATE rich NANNOFOSSIL CHALK with CLAY. Minor Lithology: Light-brown PORCELLANITE. General Comments: Strong bioturbational features such as burrows and blebs as well as mottles in Section 1. Faint color variations related to mottling in Section 2 to 4. Sediments in Section 4-7 are more massive and homogeneous.





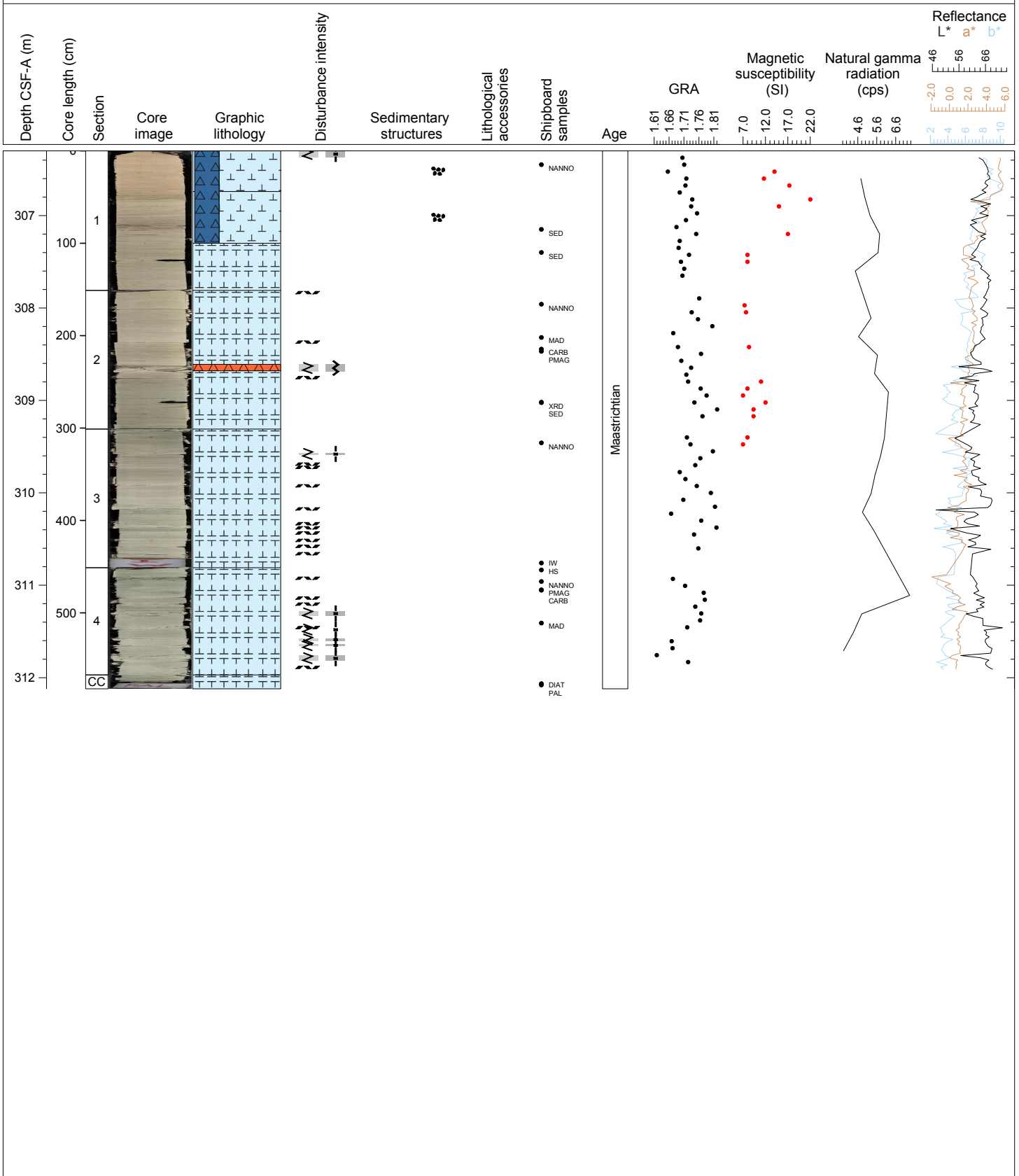
Hole 353-U1443A Core 41X, Interval 301.5-304.36 m (CSF-A)

Major Lithology: Pinkish-white (7.5YR 8.5/2) AUTHIGENIC CARBONATE rich NANNOFOSSIL CHALK with CLAY. Minor Lithology: Light-brown (7.5YR 6/3) PORCELLANITE. General Comments: The sediment is massive and homogeneous.



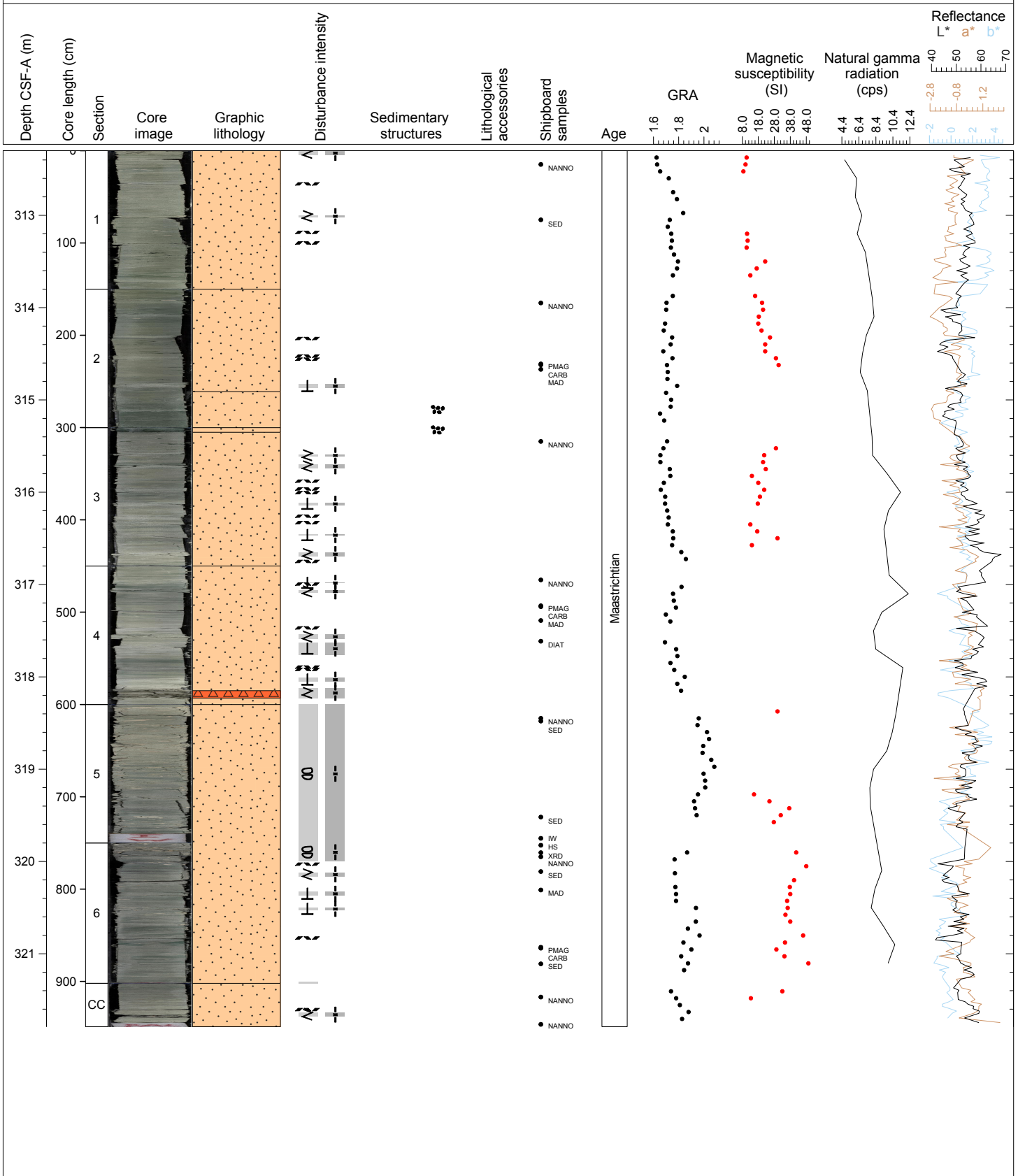
Hole 353-U1443A Core 42X, Interval 306.3-312.12 m (CSF-A)

Major Lithology: Pinkish-white (7.5YR 8.5/2) to white (10YR 8.5/1) AUTHIGENIC CARBONATE rich NANNOFOSSIL CHALK with CLAY. light-greenish gray (GLEY 7/5GY) CALCAREOUS CHALK with NANNOFOSILLS Minor Lithology: Light-gray (2.5Y 7/1) PORCELLANITE. General Comments: The sediments of this core show green dots of glauconite, sometimes organized as individual sub-horizontal layers, with the exception of the uppermost part of Section 1.



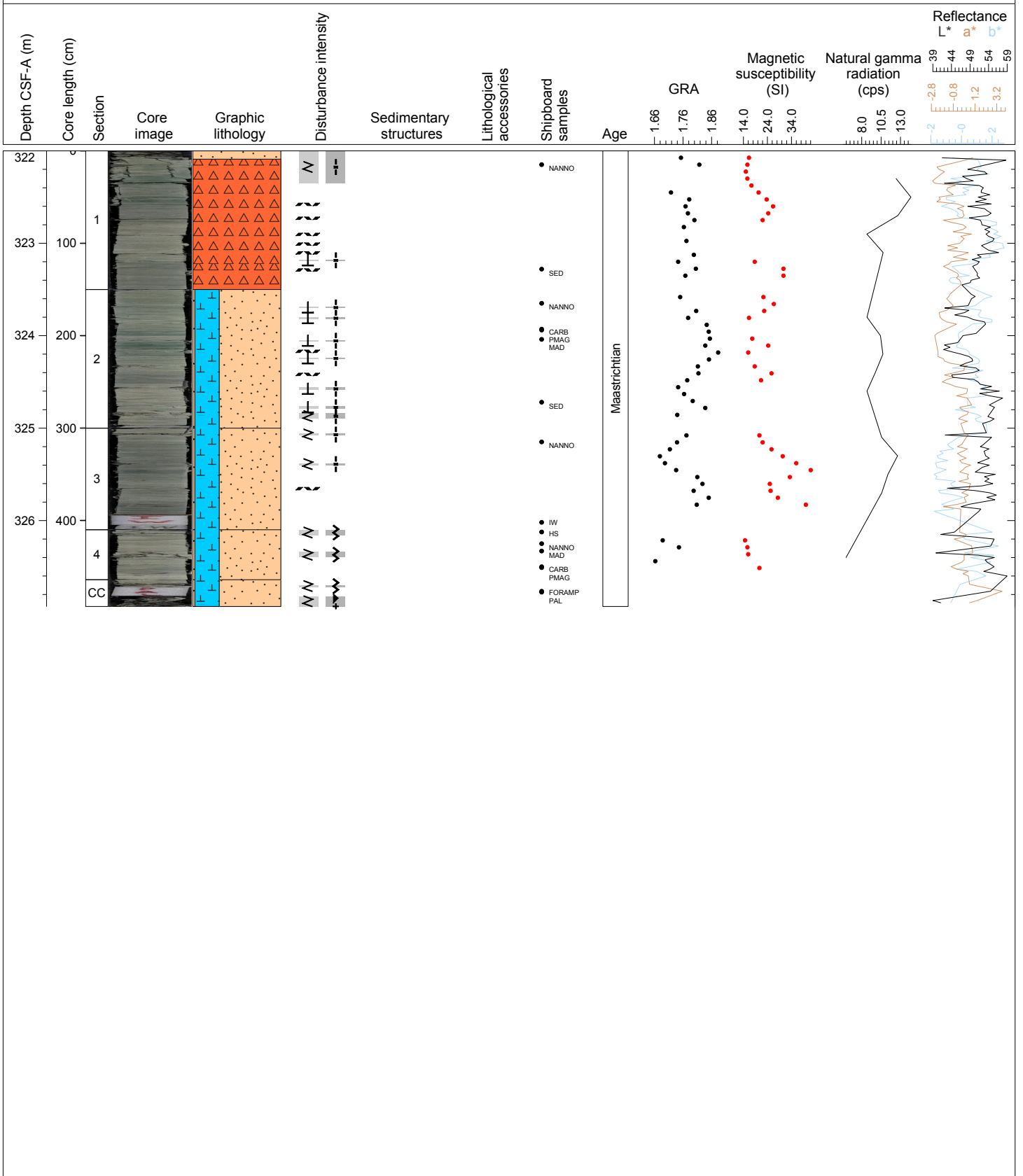
Hole 353-U1443A Core 43X, Interval 312.3-321.79 m (CSF-A)

Major Lithology: Light-greenish-gray (GLE Y1 7/5GY) to greenish-gray (GLE Y1 6/10GY) BIOCLASTIC SILT. Minor Lithology: Light-gray (2.5Y 7/1) PORCELLANITE. General Comments: Color variations (from light greenish grey to pale green) all along this core.



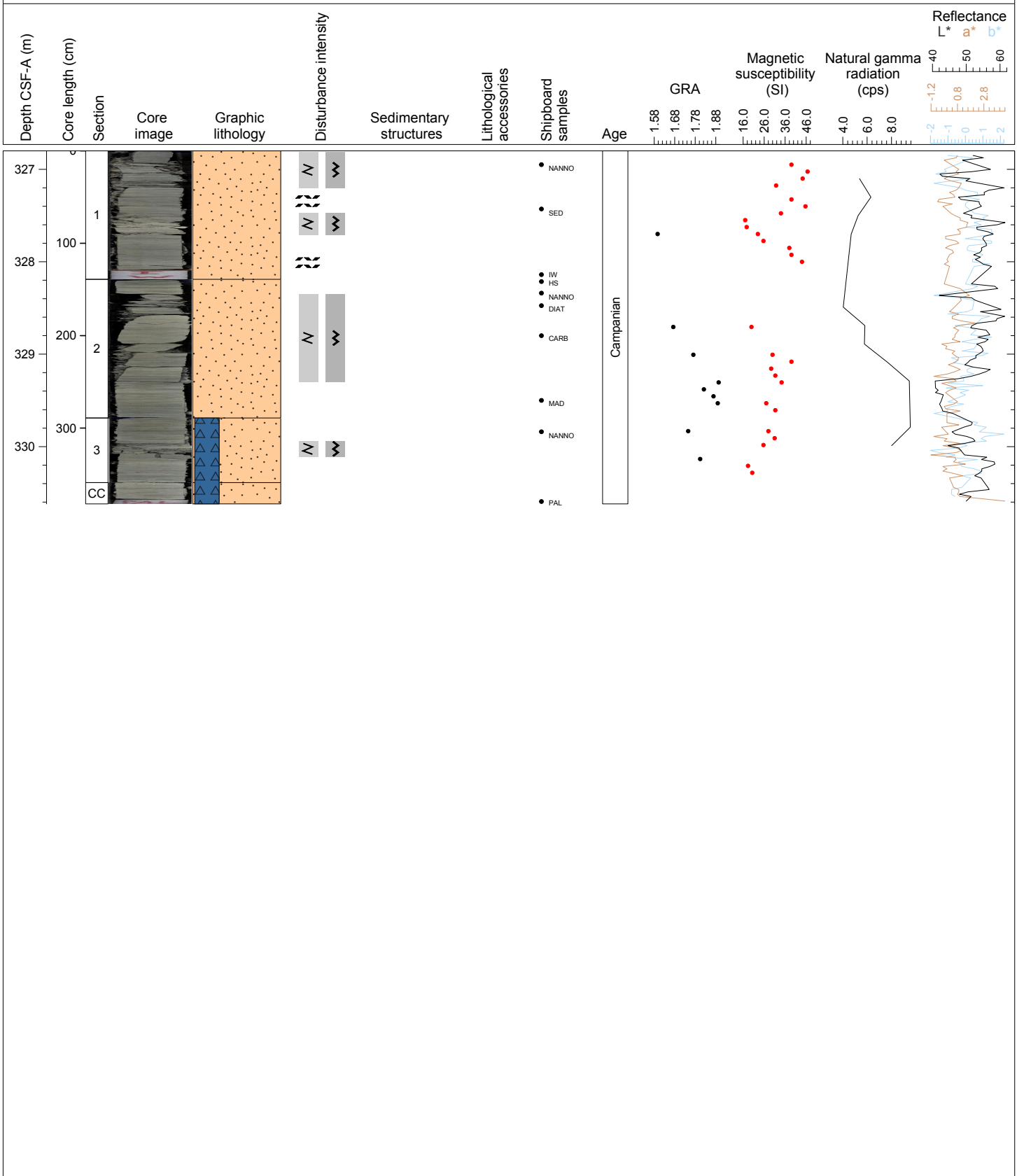
Hole 353-U1443A Core 44X, Interval 322.0-326.93 m (CSF-A)

Major Lithology: Light-greenish-gray (GLE Y1 7/5GY) BIOCLASTIC SILT and NANNOFOSSIL rich CALCAREOUS CHALK. Minor Lithology: Light-gray (2.5Y 7/1) PORCELLANITE. General Comments: Color variations (from light greenish grey to pale green) all along this core.



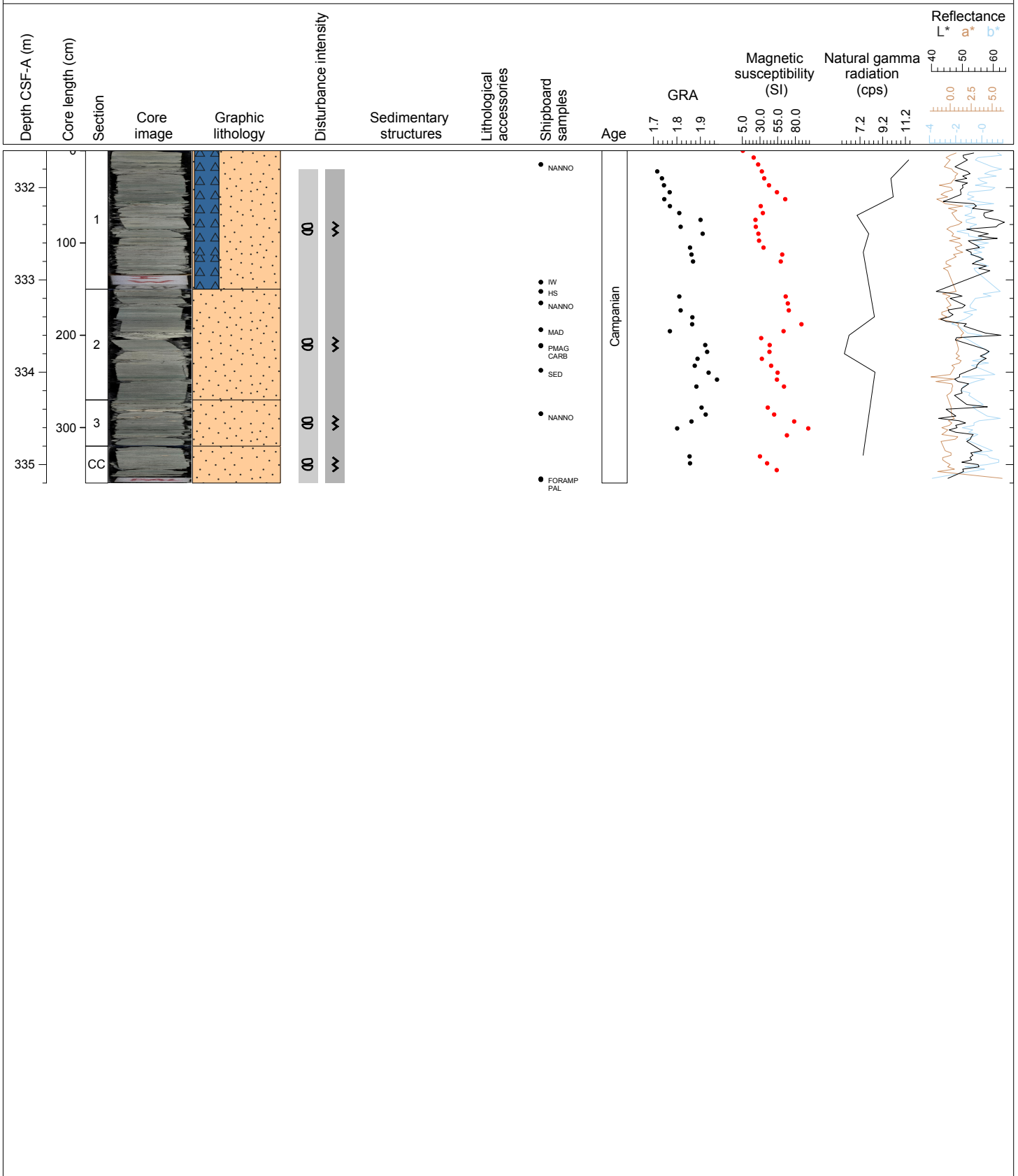
Hole 353-U1443A Core 45X, Interval 326.8-330.62 m (CSF-A)

Major Lithology: Light-greenish-gray (GLE Y1 7/5GY) BIOCLASTIC SILT with NANNOFOSSILS and AUTHIGENIC CARBONATE rich BIOCLASTIC SILT.  
 General Comments: Color variations (from light greenish grey to pale green) all along this core.



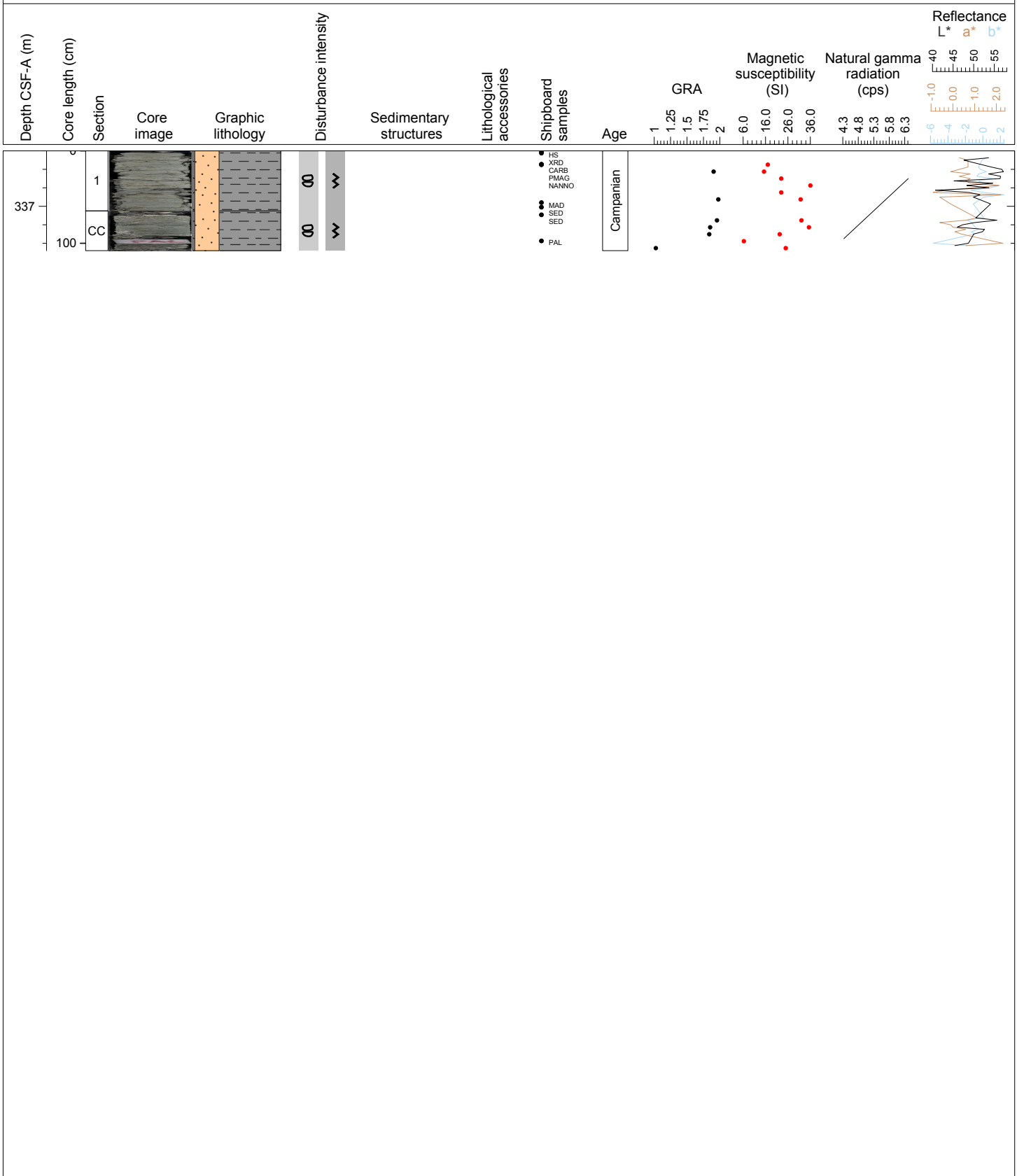
Hole 353-U1443A Core 46X, Interval 331.6-335.2 m (CSF-A)

Major Lithology: Light-greenish-gray (GLE Y1 7/5GY) AUTHIGENIC CARBONATE rich BIOCLASTIC SILT and BIOCLASTIC SILT with AUTHIGENIC CARBONATES. General Comments: Color variations (from light greenish grey to pale green) all along this core.



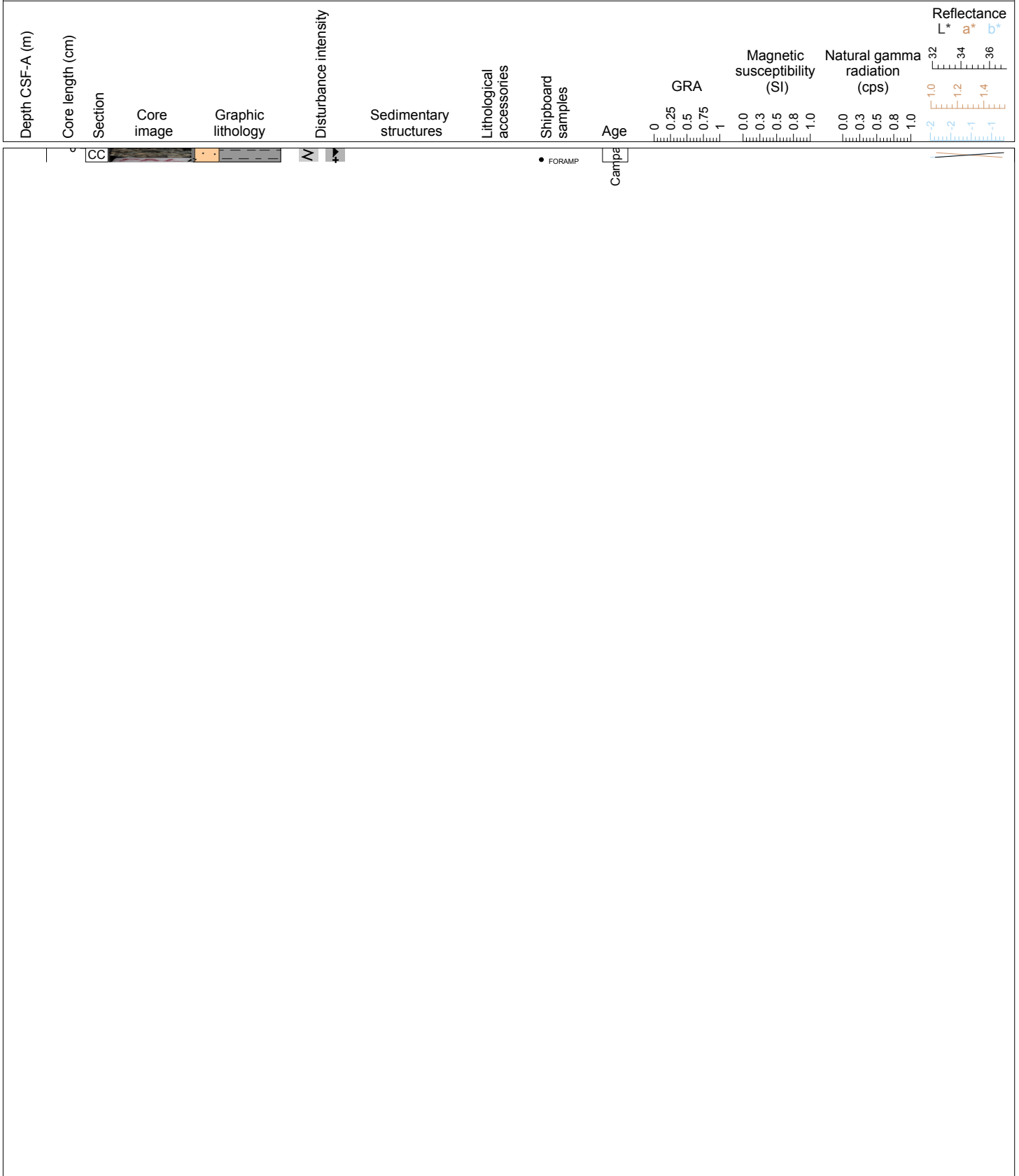
Hole 353-U1443A Core 47X, Interval 336.4-337.48 m (CSF-A)

Major Lithology: Light-greenish-gray (GLE Y1 7/5GY) BIOCLASTIC SILTY CLAY with GLAUCONITE. General Comments: Color variations (from light greenish grey to pale green) all along this core.



Hole 353-U1443A Core 48X, Interval 341.2-341.35 m (CSF-A)

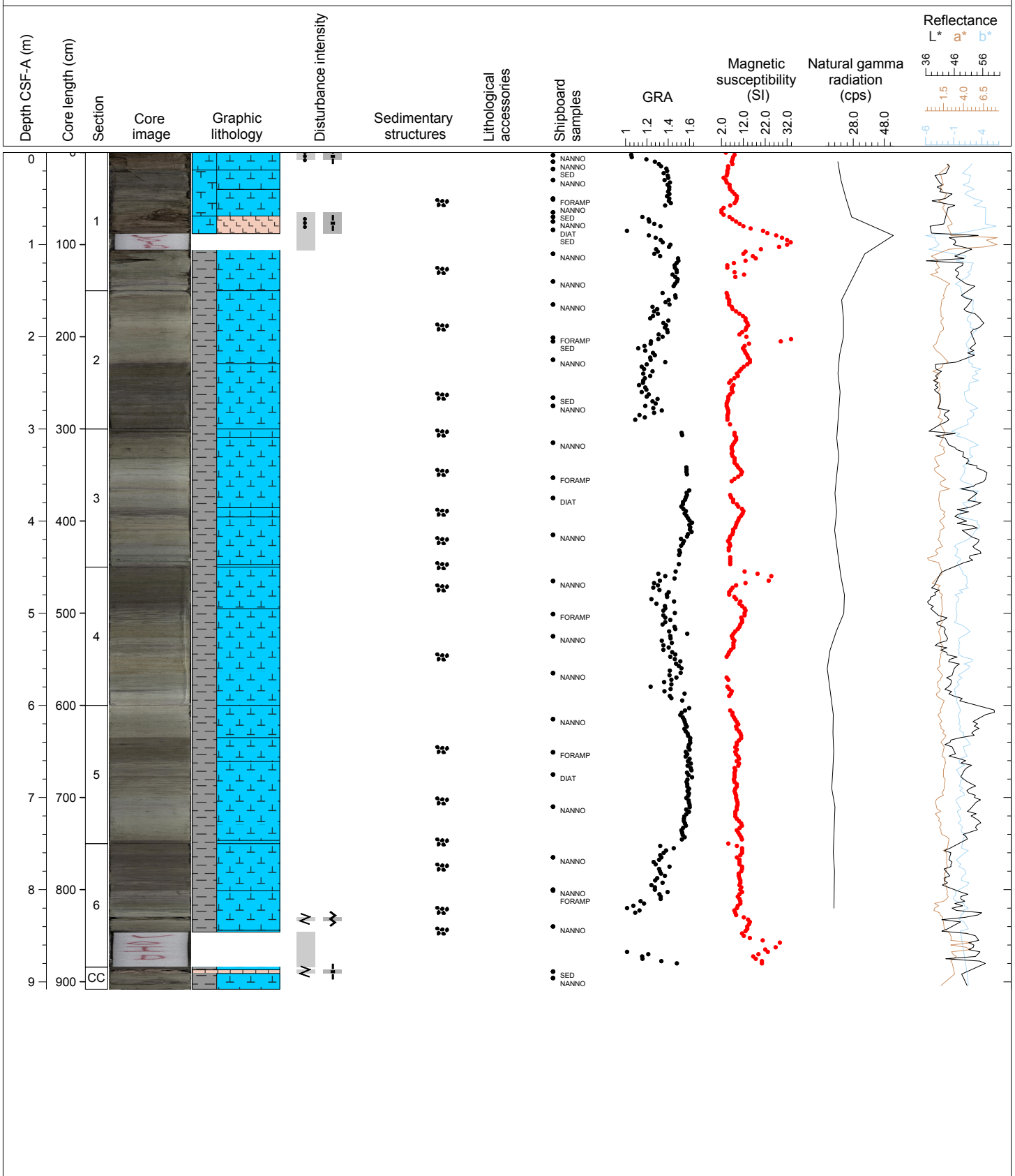
General Comments: Sediments are all fragmented as individual clasts.





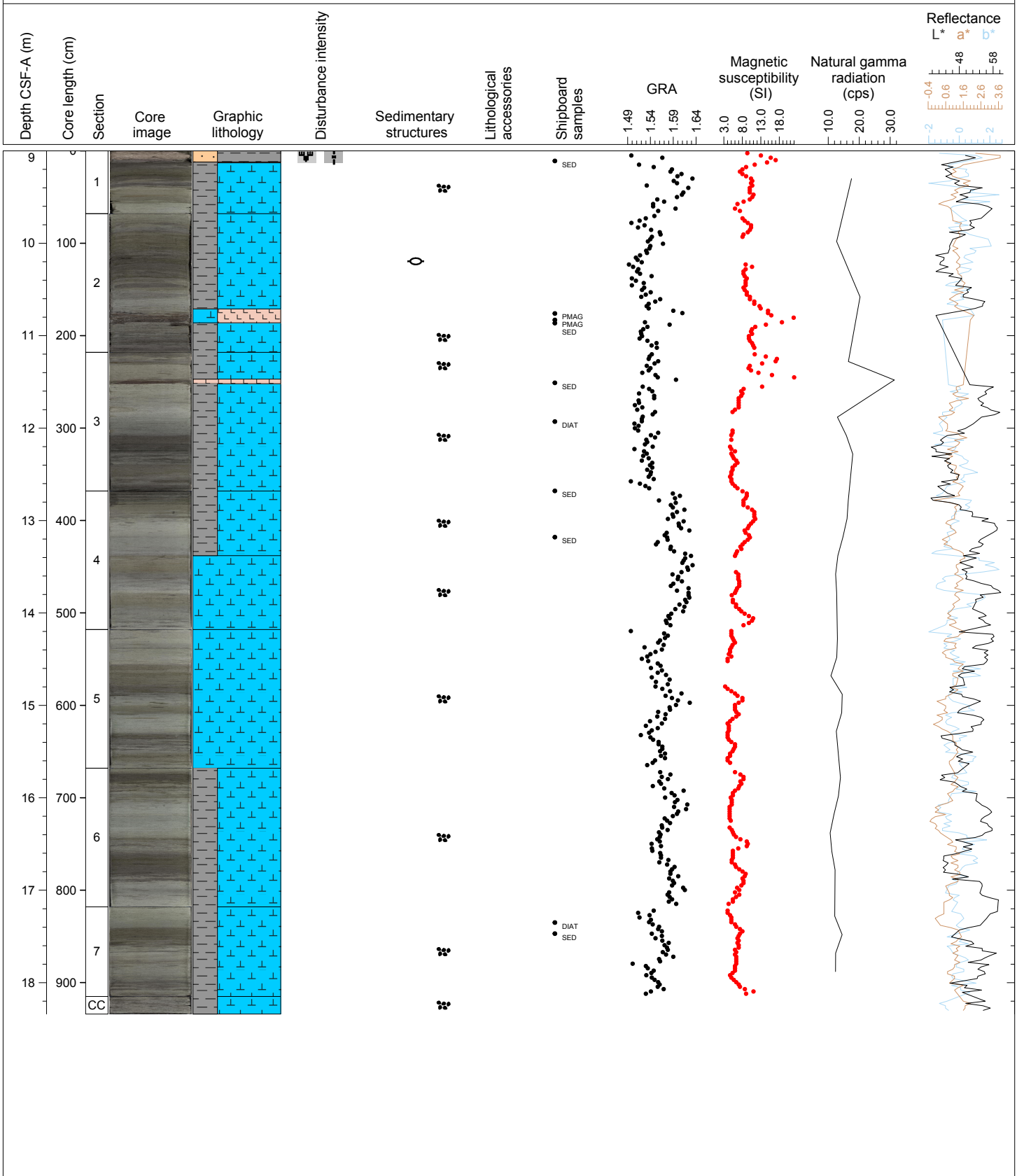
Hole 353-U1443B Core 1H, Interval 0.0-9.08 m (CSF-A)

Gray FORAMINIFER RICH NANNOFOSSIL OOZE with CLAY, light gray and gray CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS Minor Lithology: VOLCANIC ASH layer in section 1 and CC. General Comments: Interchanging from darker layers to lighter layers presumably glacial-interglacial changes (?). Drilling disturbance is minimal except for the upper layers of section 1.



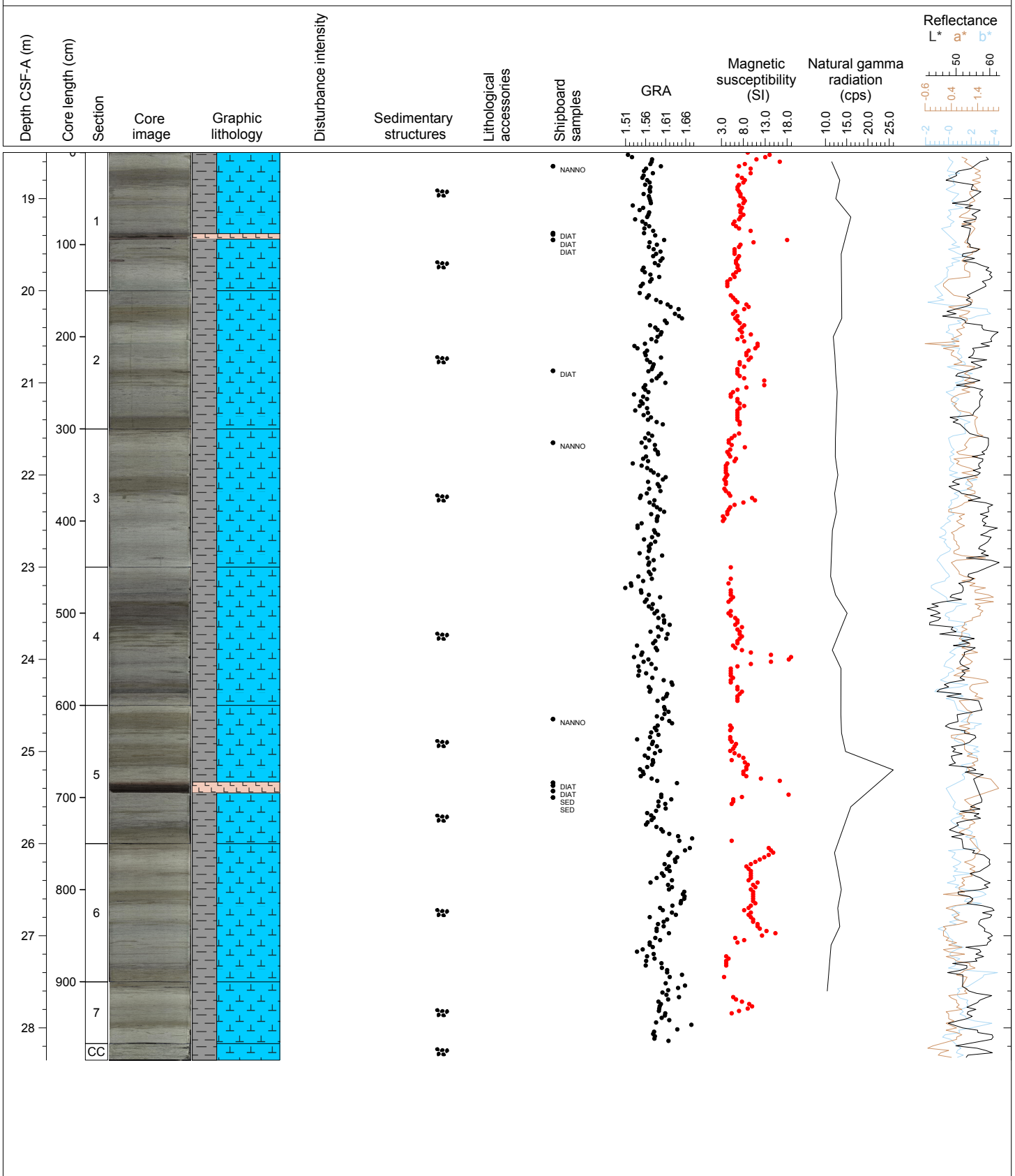
Hole 353-U1443B Core 2H, Interval 9.0-18.34 m (CSF-A)

Major Lithology: Gray SILTY CLAY with NANNOFOSSILS, Alternating shades of Gray CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS and light gray NANNOFOSSIL OOZE with FORAMINIFERS potentially related to glacial-interglacial cycles. Minor Lithology: Gray NANNOFOSSIL rich VOLCANIC ASH in Sections 1, 2, and 3. General Comments: Mottling is present throughout, with higher amounts in darker-to-lighter transitions. Drilling disturbance is minimal.



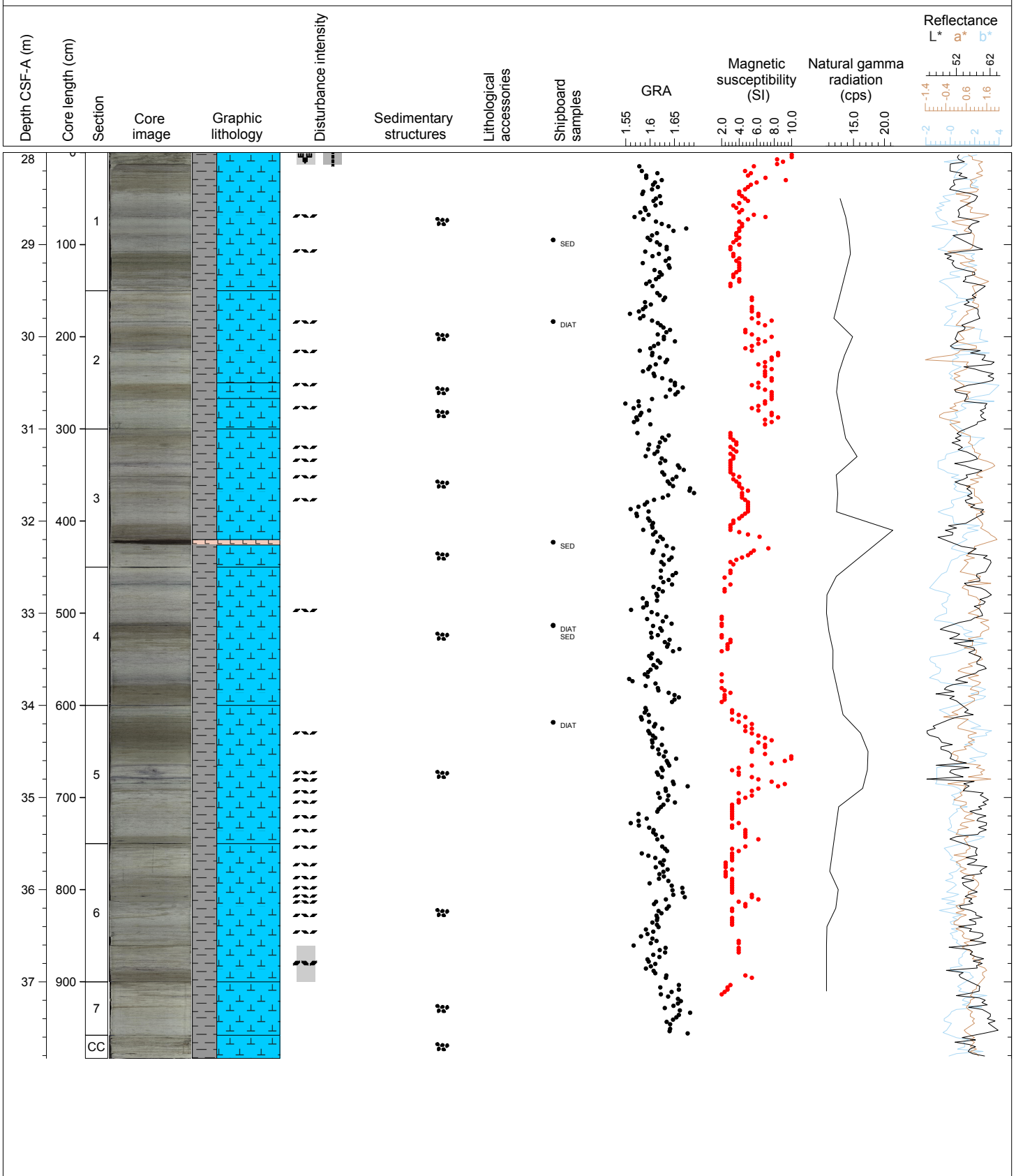
Hole 353-U1443B Core 3H, Interval 18.5-28.35 m (CSF-A)

Major Lithology: Alternating light gray (GLEY 1 8/10Y - 7/10Y) CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS Minor Lithology: Gray VOLCANIC ASH layers in Section 1 and Section 5 General Comments: The core has minimal drilling disturbances, and contains alternating sections with mottling and gradual color gradation. Ash layers contain three different, distinct colorations inside them and indicate bioturbation.



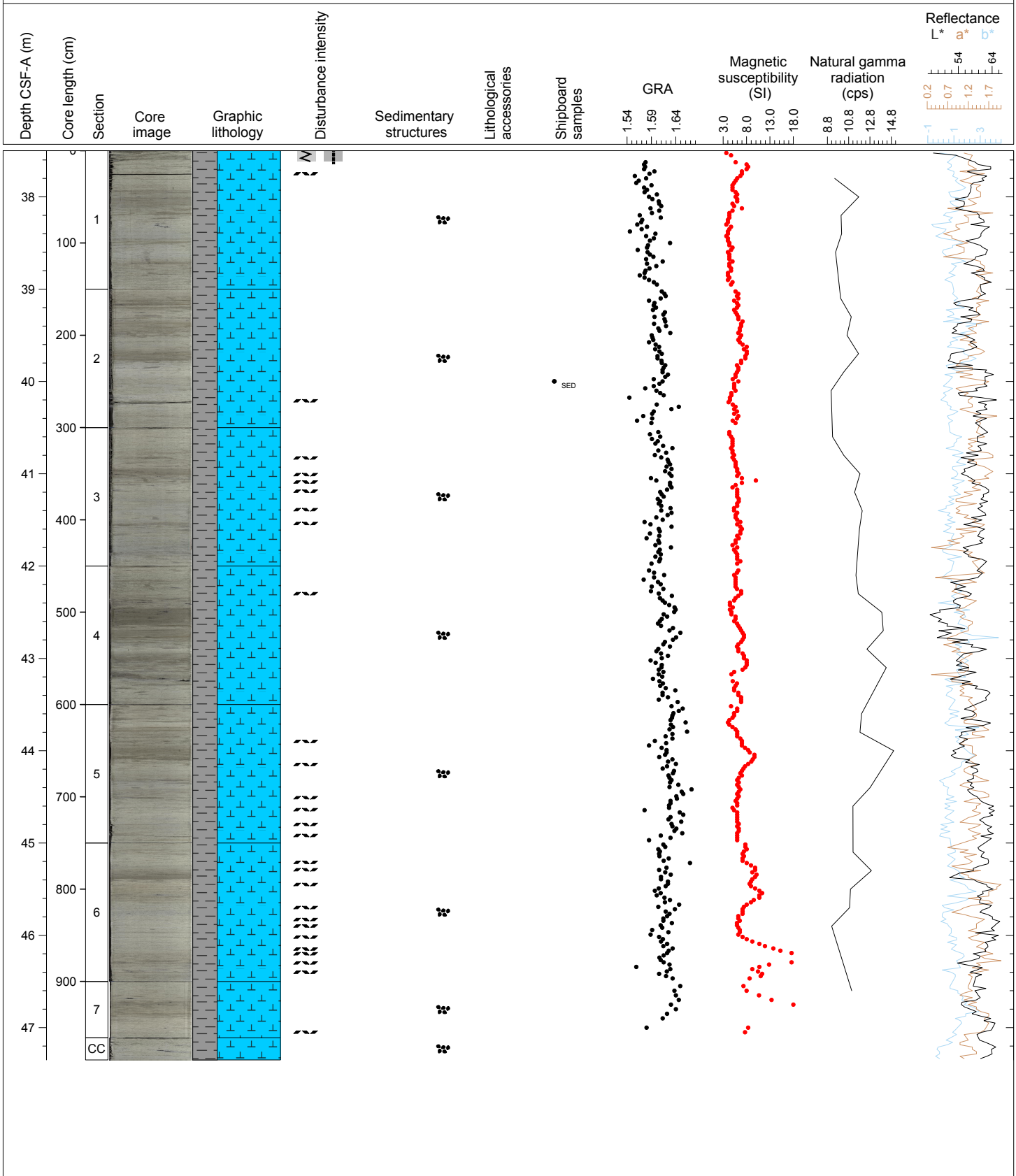
Hole 353-U1443B Core 4H, Interval 28.0-37.83 m (CSF-A)

Major Lithology: Alternating greenish light gray (GLEY 1 8/5GY - 7/5G) CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS Minor Lithology: Gray VOLCANIC ASH layers in Section 3 General Comments: The core has minimal drilling disturbances, and contains alternating sections with mottling and gradual color gradation.



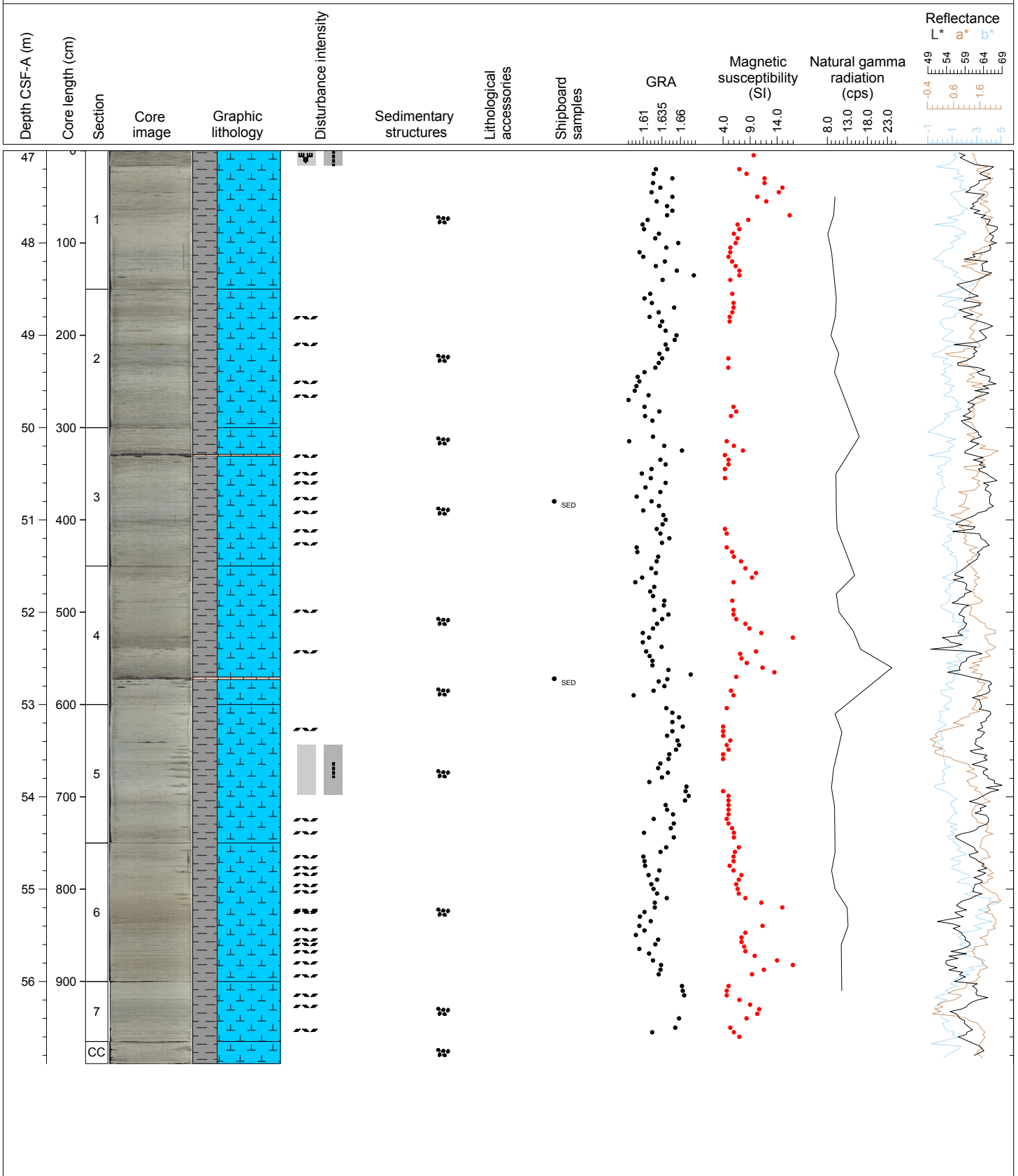
Hole 353-U1443B Core 5H, Interval 37.5-47.35 m (CSF-A)

Major Lithology: Grayish (GLEY 1 7/5GY) CLAYEY NANNOFOSSIL OOZE General Comments: The core has minimal drilling disturbances, contains black blebs at irregular intervals and shows mottling features (with darker gray sediment) throughout.



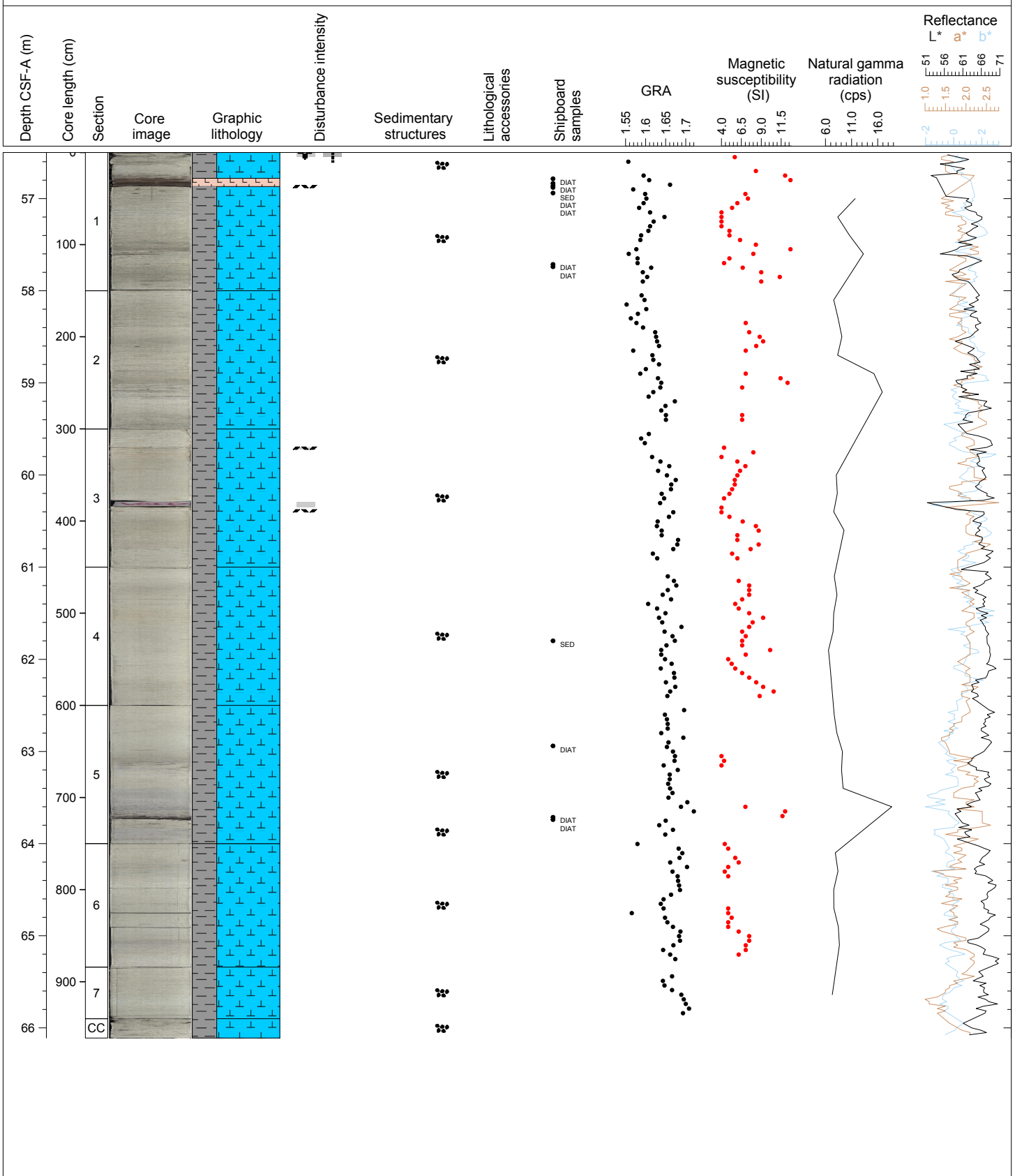
Hole 353-U1443B Core 6H, Interval 47.0-56.89 m (CSF-A)

Major Lithology: Grayish (GLEY 1 7/5GY to GLEY 1 8/10Y) CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS Minor Lithology: Dark gray VOLCANIC ASH layer in section 3,4, and 5. General Comments: The core is highly homogenous has minimal drilling disturbances, contains black blebs at irregular intervals and shows mottling features (with darker gray sediment) throughout.



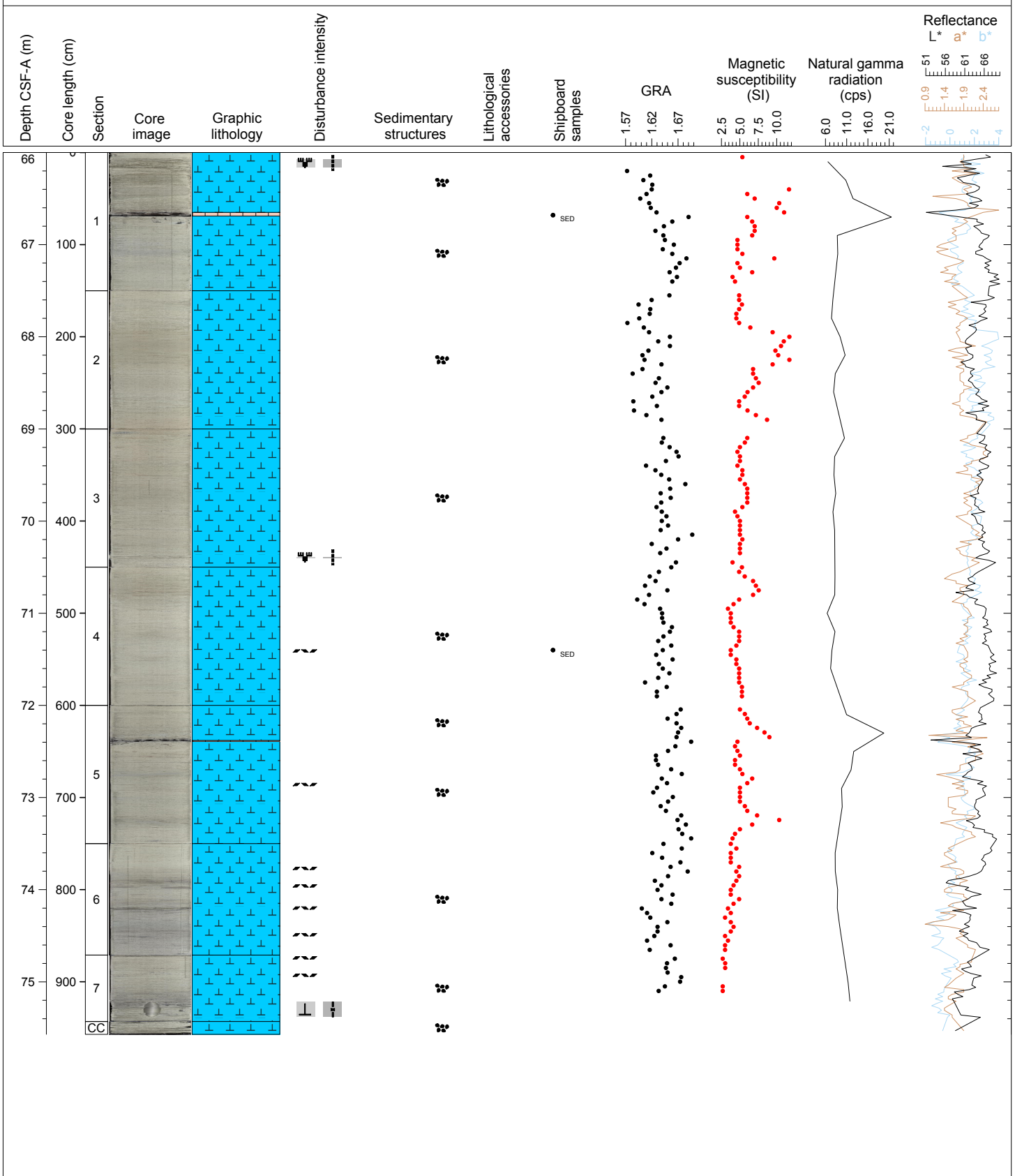
Hole 353-U1443B Core 7H, Interval 56.5-66.11 m (CSF-A)

Major Lithology: Pale grayish CLAYEY NANNOFOSSIL OOZE Minor Lithology: Dark grayish VOLCANIC ASH layer in Section 1 and 5. General Comments: The core is highly homogeneous and is a massive deposit. Mottling is visible throughout the core and there are concentrated, infrequent black blebs (possibly iron oxide or iron sulphide) throughout.



Hole 353-U1443B Core 8H, Interval 66.0-75.57 m (CSF-A)

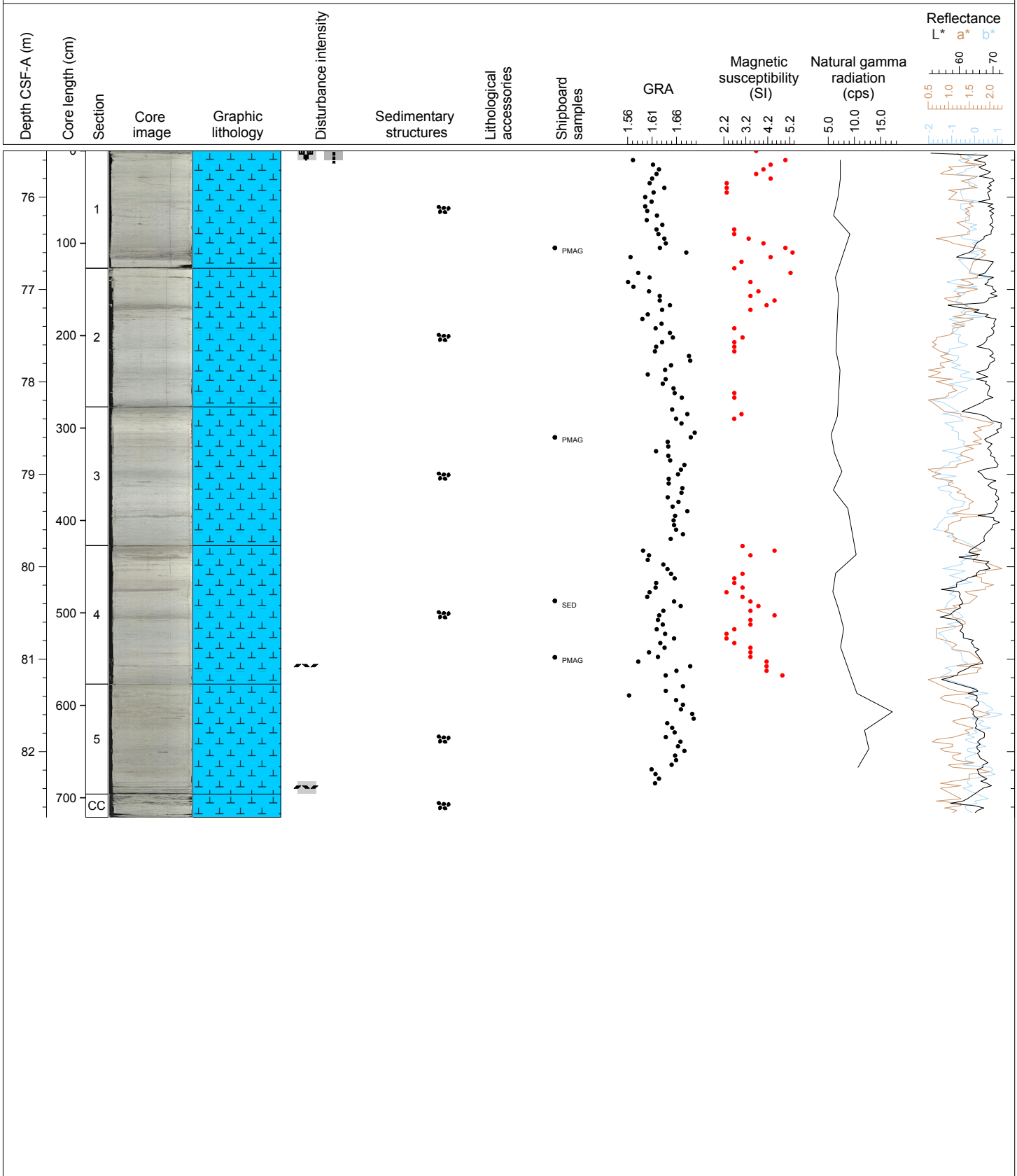
Major Lithology: Greenish light gray (GLEY 1 8/10Y) to paler gray (GLEY 1 8/N) NANNOFOSSIL OOZE with CLAY. Minor Lithology: Dark grayish VOLCANIC ASH layer in Section 1 and 5. General Comments: The core is highly homogeneous and is a massive deposit. Mottling is visible throughout the core and there are concentrated, infrequent black blebs (possibly iron oxide or iron sulphide) throughout.





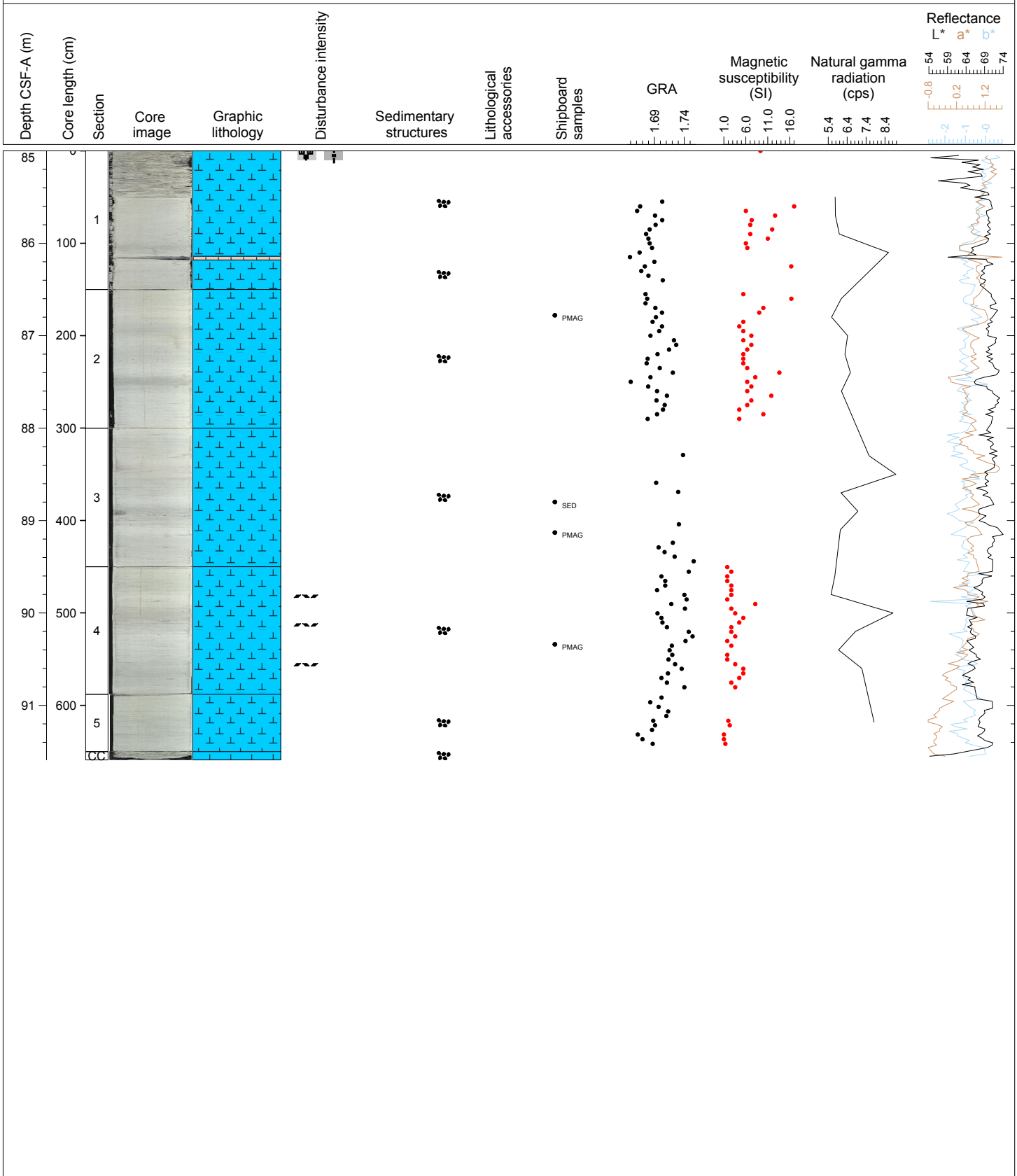
Hole 353-U1443B Core 9H, Interval 75.5-82.71 m (CSF-A)

Major Lithology: Pale gray (GLEY 1 8/N) NANNOFOSSIL OOZE with CLAY. General Comments: The core is highly homogeneous and is a massive deposit. Mottling is visible throughout the core and there are concentrated, infrequent black blebs (possibly iron oxide or iron sulphide) throughout.



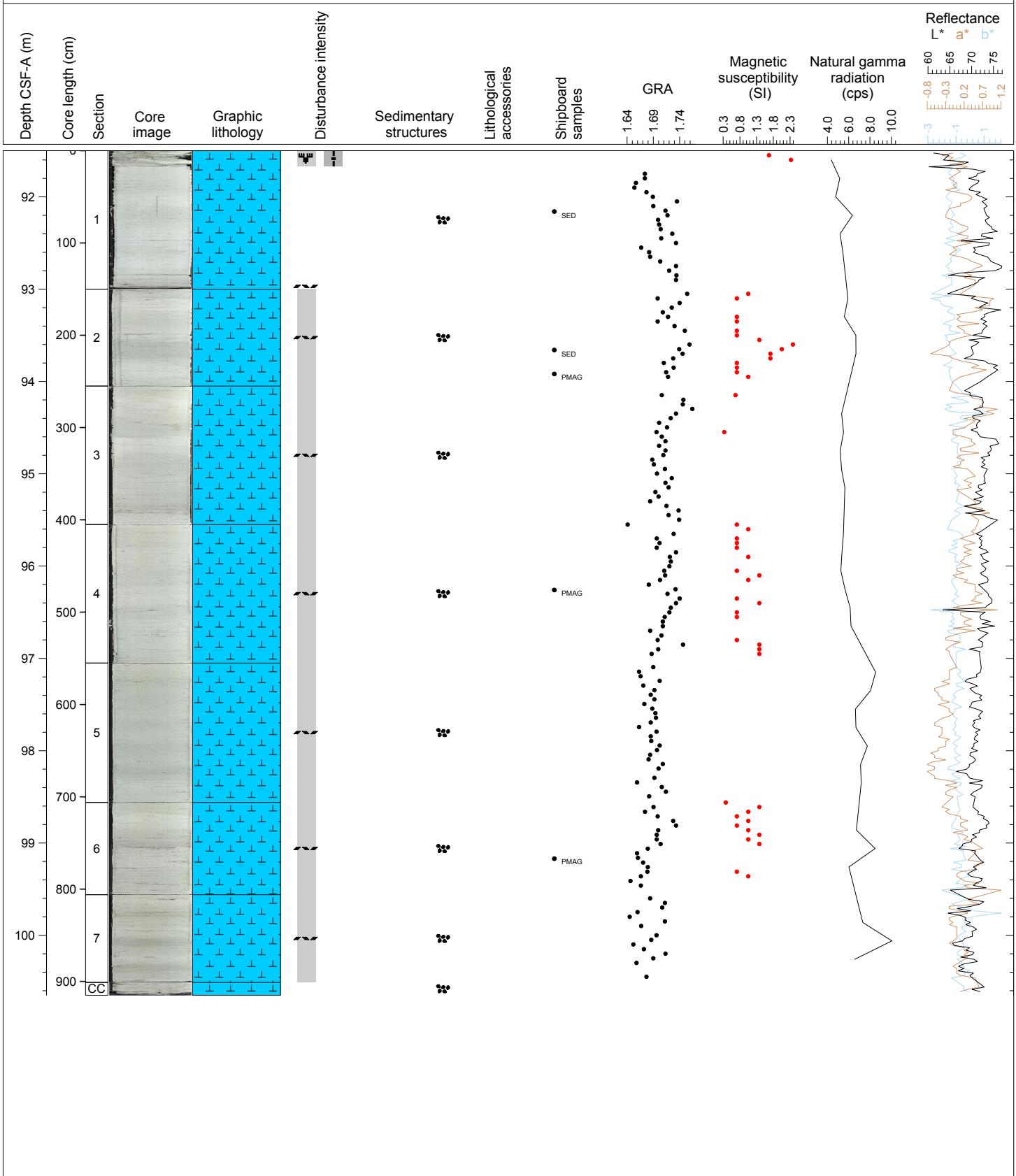
Hole 353-U1443B Core 10H, Interval 85.0-91.59 m (CSF-A)

Major Lithology: Pale gray (GLEY 1 8/N) NANNOFOSSIL OOZE with CLAY. Minor Lithology: Dark gray VOLCANIC ASH in Section 1. General Comments: The core is highly homogeneous and is a massive deposit. Mottling is visible throughout the core and there are concentrated, infrequent black blebs (possibly iron oxide or iron sulphide) throughout.



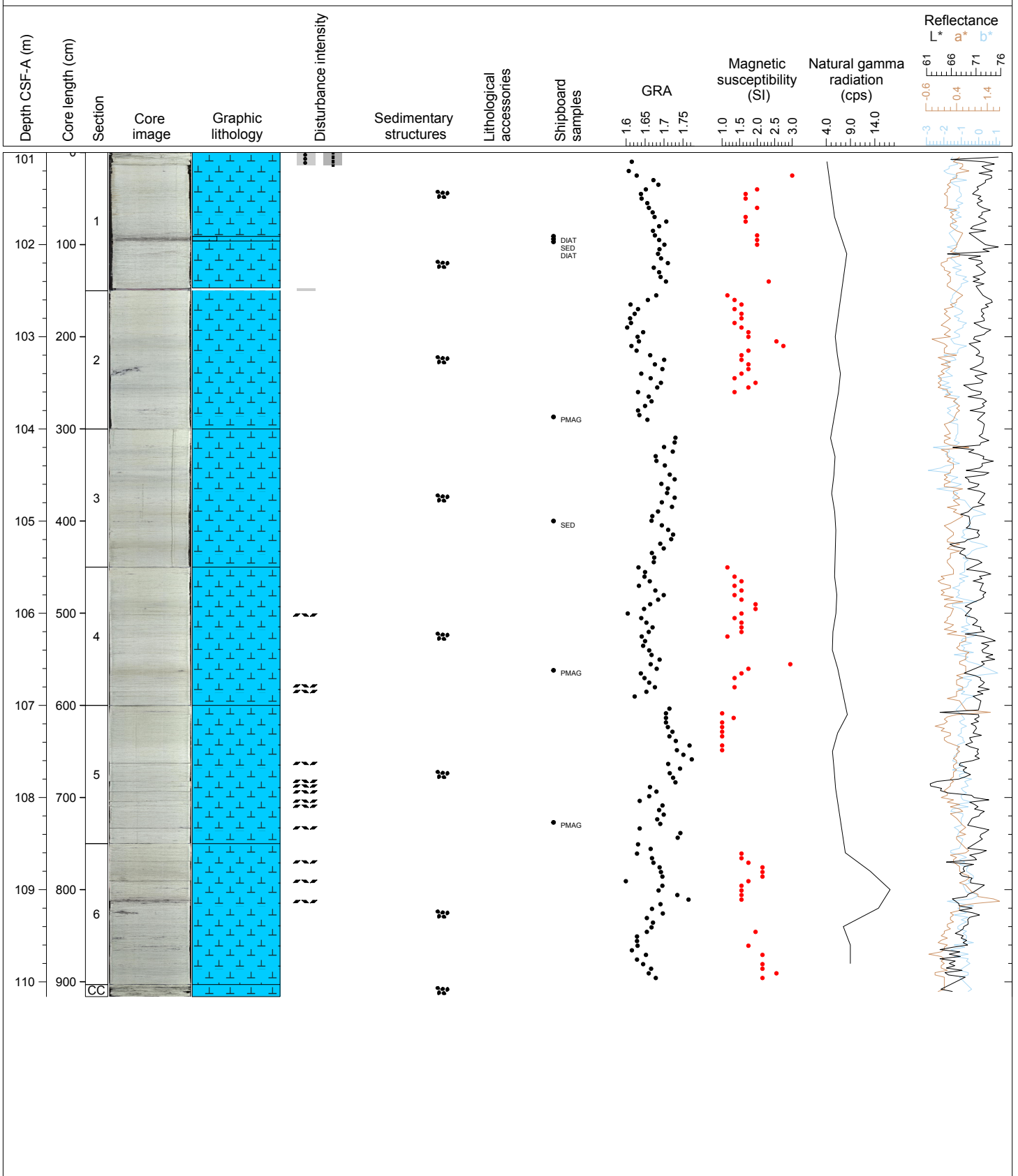
Hole 353-U1443B Core 11H, Interval 91.5-100.65 m (CSF-A)

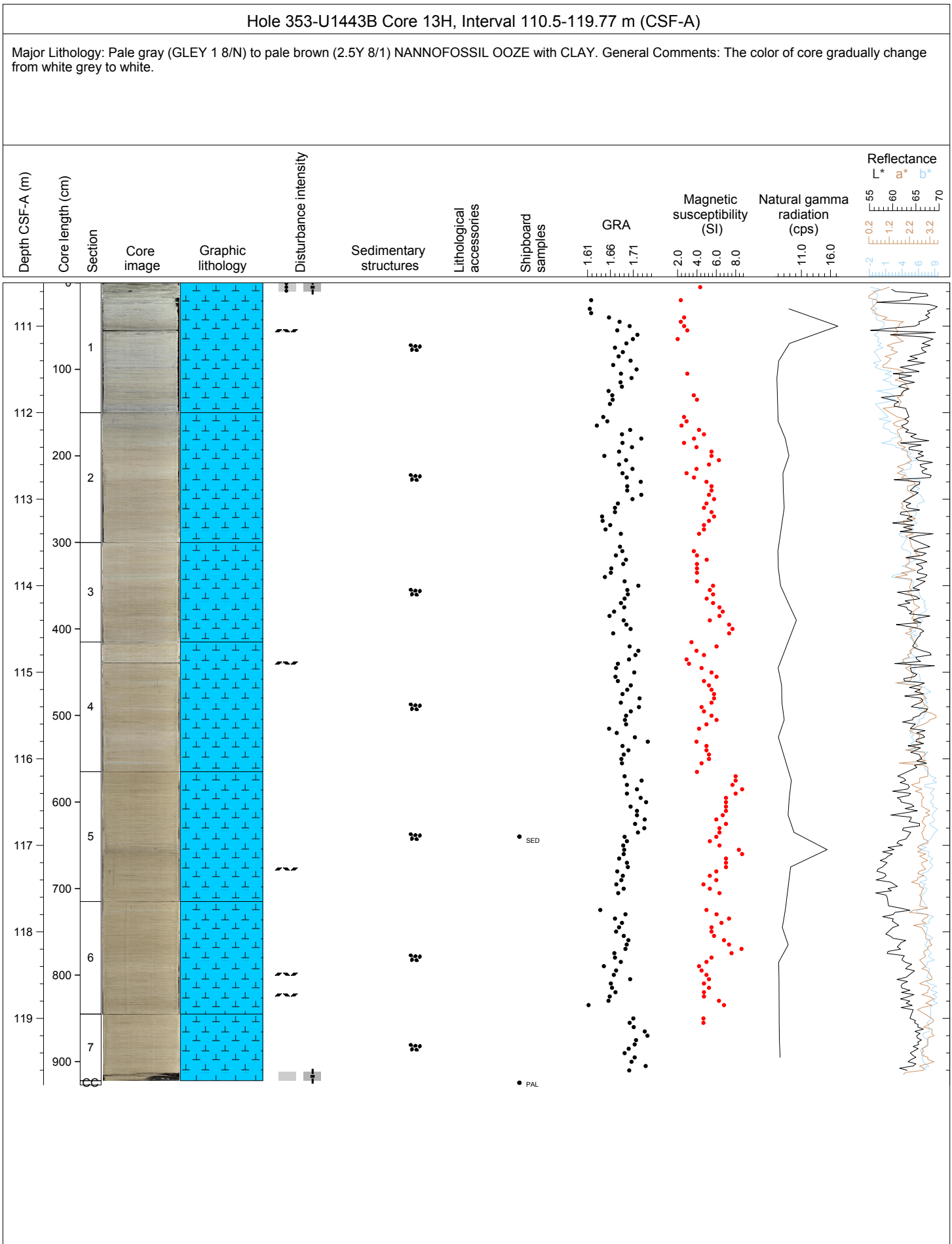
Major Lithology: Pale gray (GLEY 1 8/N) NANNOFOSSIL OOZE with CLAY. General Comments: The core is highly homogeneous and is a massive deposit. Mottling is visible throughout the core and there are concentrated, infrequent black blebs (possibly iron oxide or iron sulphide) throughout.



Hole 353-U1443B Core 12H, Interval 101.0-110.16 m (CSF-A)

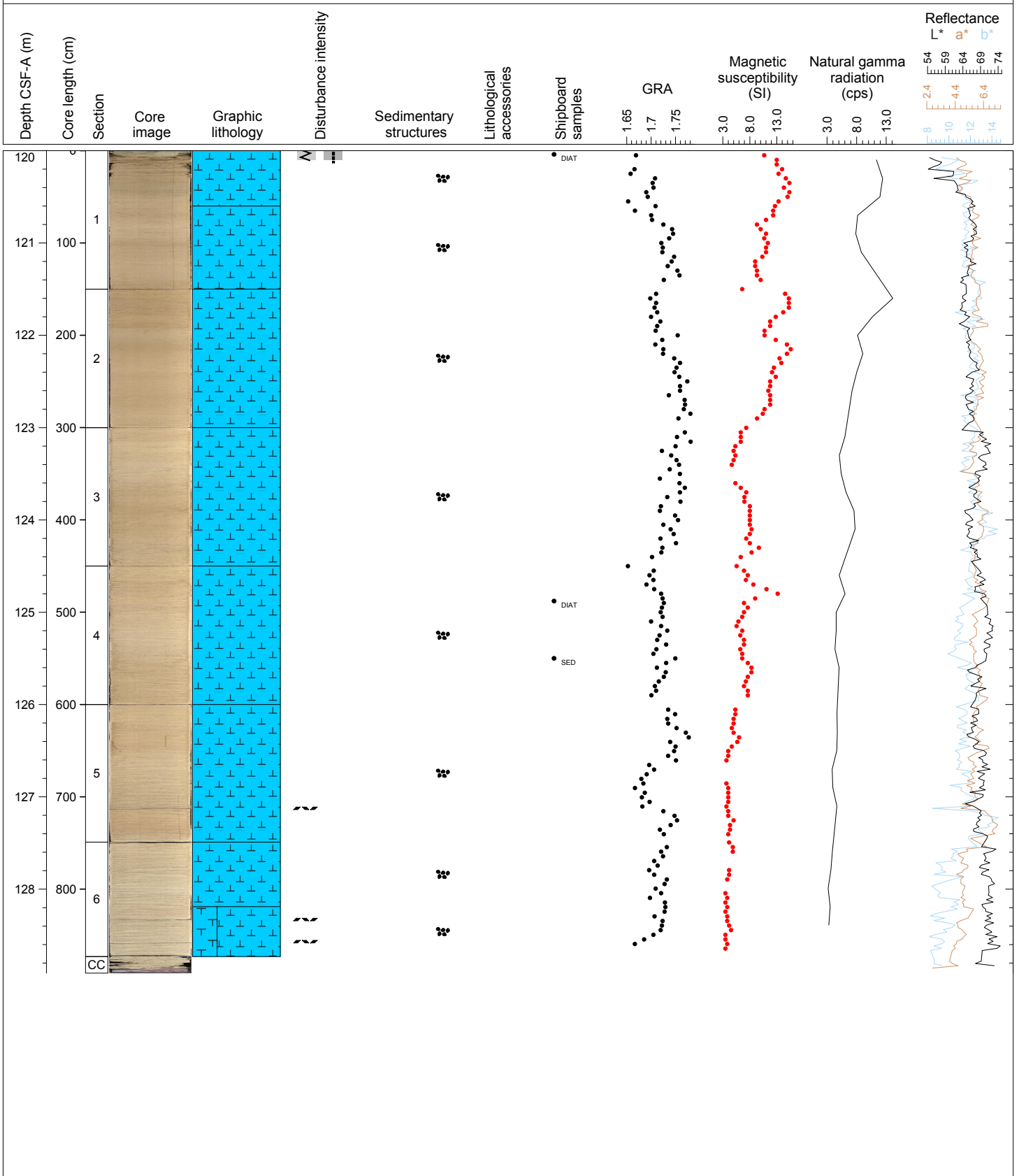
Major Lithology: Pale gray (GLEY 1 8/N) NANNOFOSSIL OOZE with CLAY. Minor Lithology: Gray (GLEY1 6/N) VOLCANICLASTIC rich NANNOFOSSIL OOZE with CLAY. General Comments: The core is highly homogeneous and is a massive deposit. Mottling is visible throughout the core and there are concentrated, infrequent black blebs (possibly iron oxide or iron sulphide) throughout.





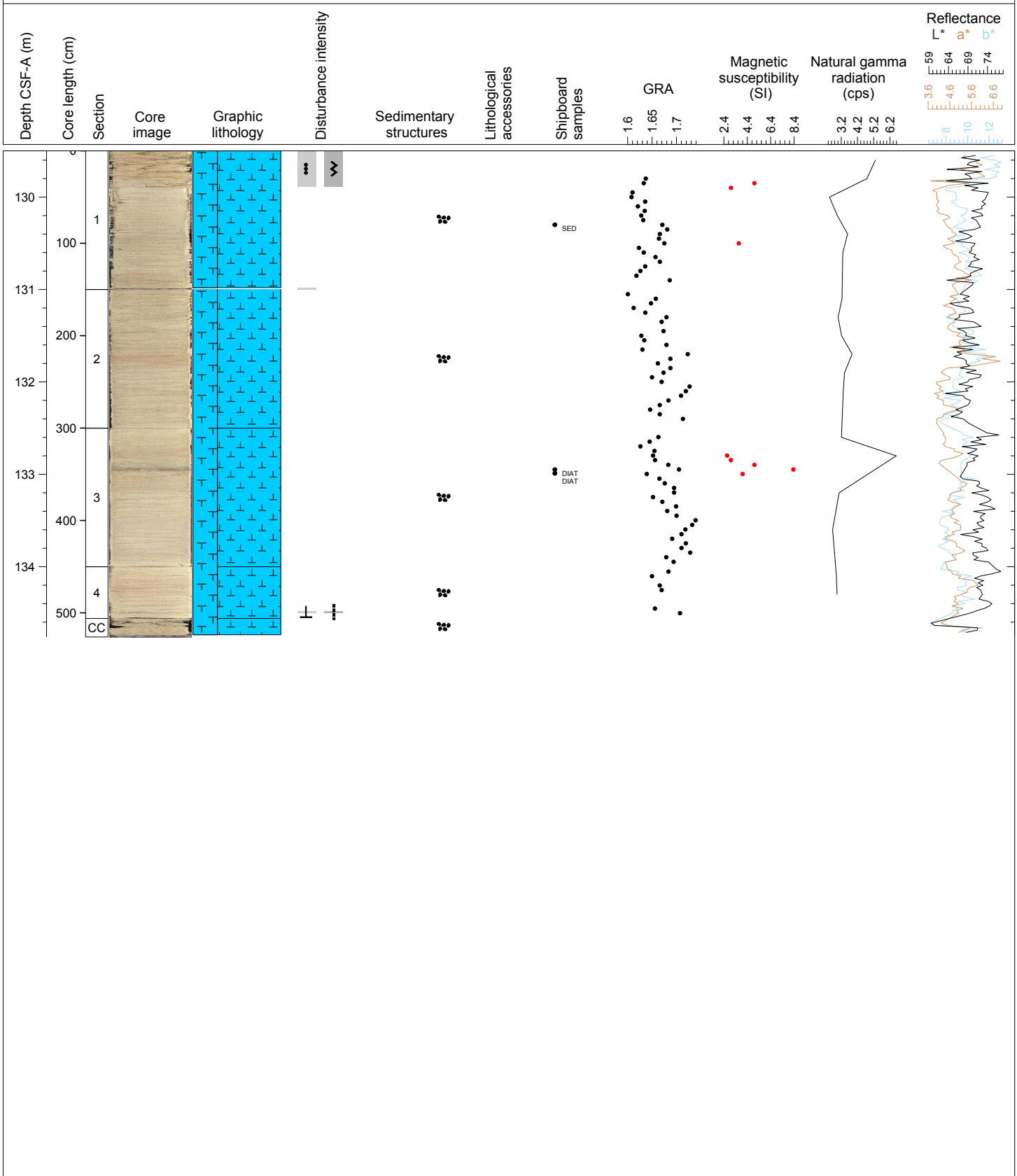
Hole 353-U1443B Core 14H, Interval 120.0-128.91 m (CSF-A)

Major Lithology: Pale brown (2.5Y 8/1 to 10YR 8/3) NANNOFOSSIL OOZE with CLAY and FORAMINIFER rich NANNOFOSSIL OOZE with CLAY. General Comments: The core is homogeneous and is a massive deposit from Section 1 to 5. The color of core gradually change from pale brown to white from Section 6 and CC.



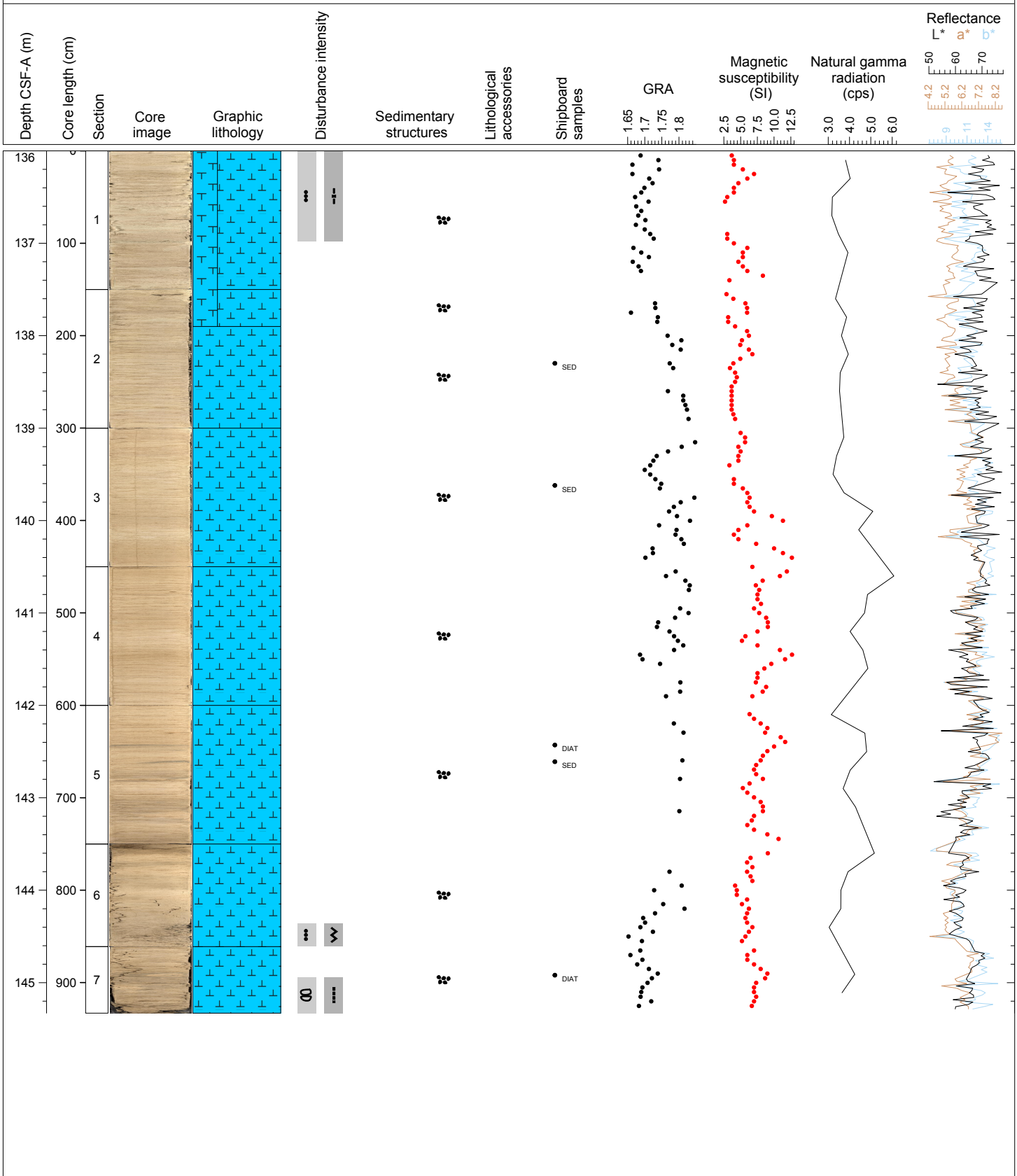
Hole 353-U1443B Core 15H, Interval 129.5-134.76 m (CSF-A)

Major Lithology: Pale brown (2.5Y 8/1 to 10YR 8/3) FORAMINIFER rich NANNOFOSSIL OOZE with CLAY. General Comments: The core is homogeneous and is a massive deposit. Color variation from pale brown to white along the core.



Hole 353-U1443B Core 16H, Interval 136.0-145.33 m (CSF-A)

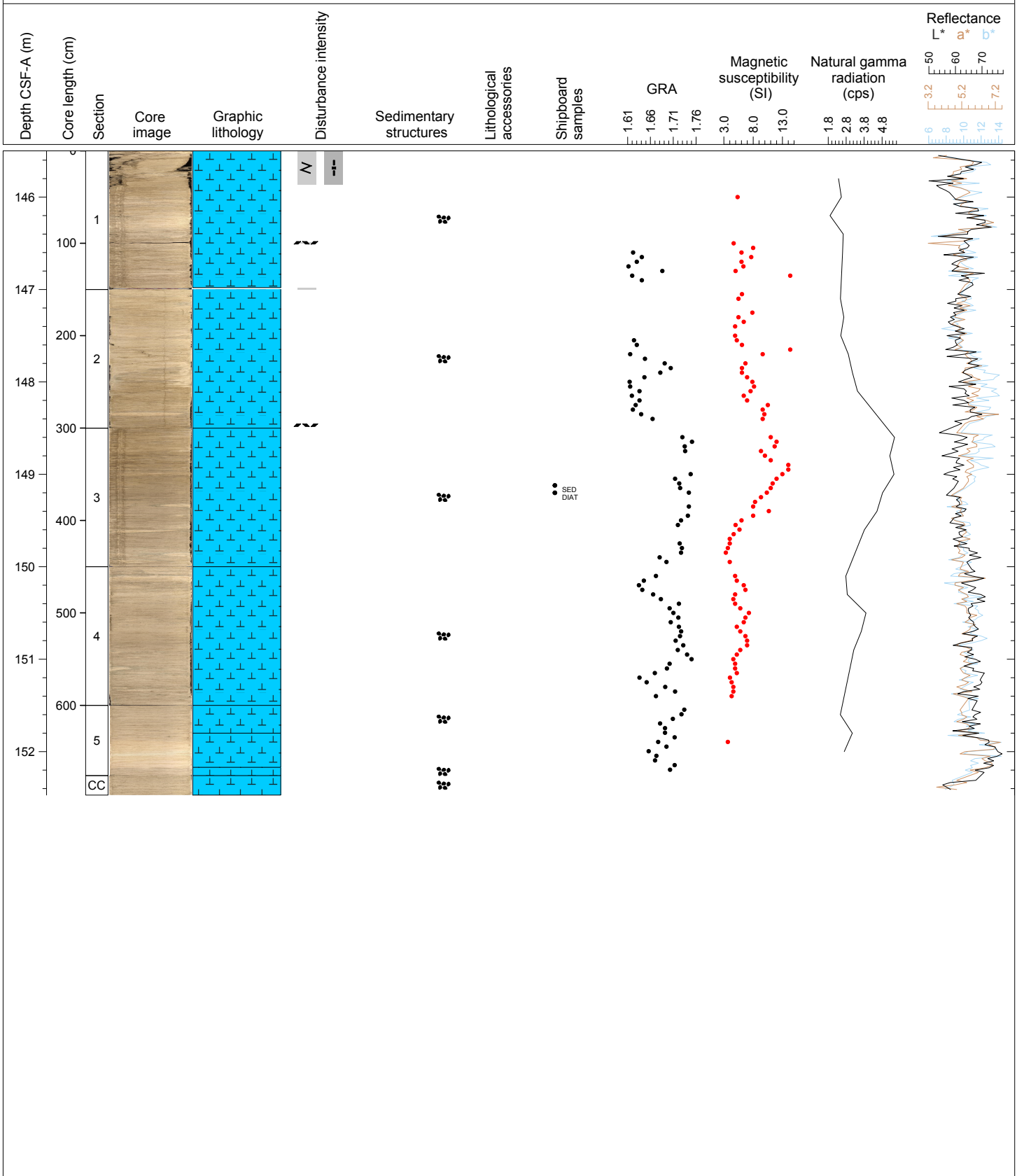
Major Lithology: Pale brown (2.5Y 8/1 to 10YR 8/3) FORAMINIFER rich NANNOFOSSIL OOZE with CLAY to NANNOFOSSIL OOZE with CLAY. General Comments: The core is homogeneous and is a massive deposit. Color variation from white to pale brown along the core. Grayish mottled splotches in Section 5-7.





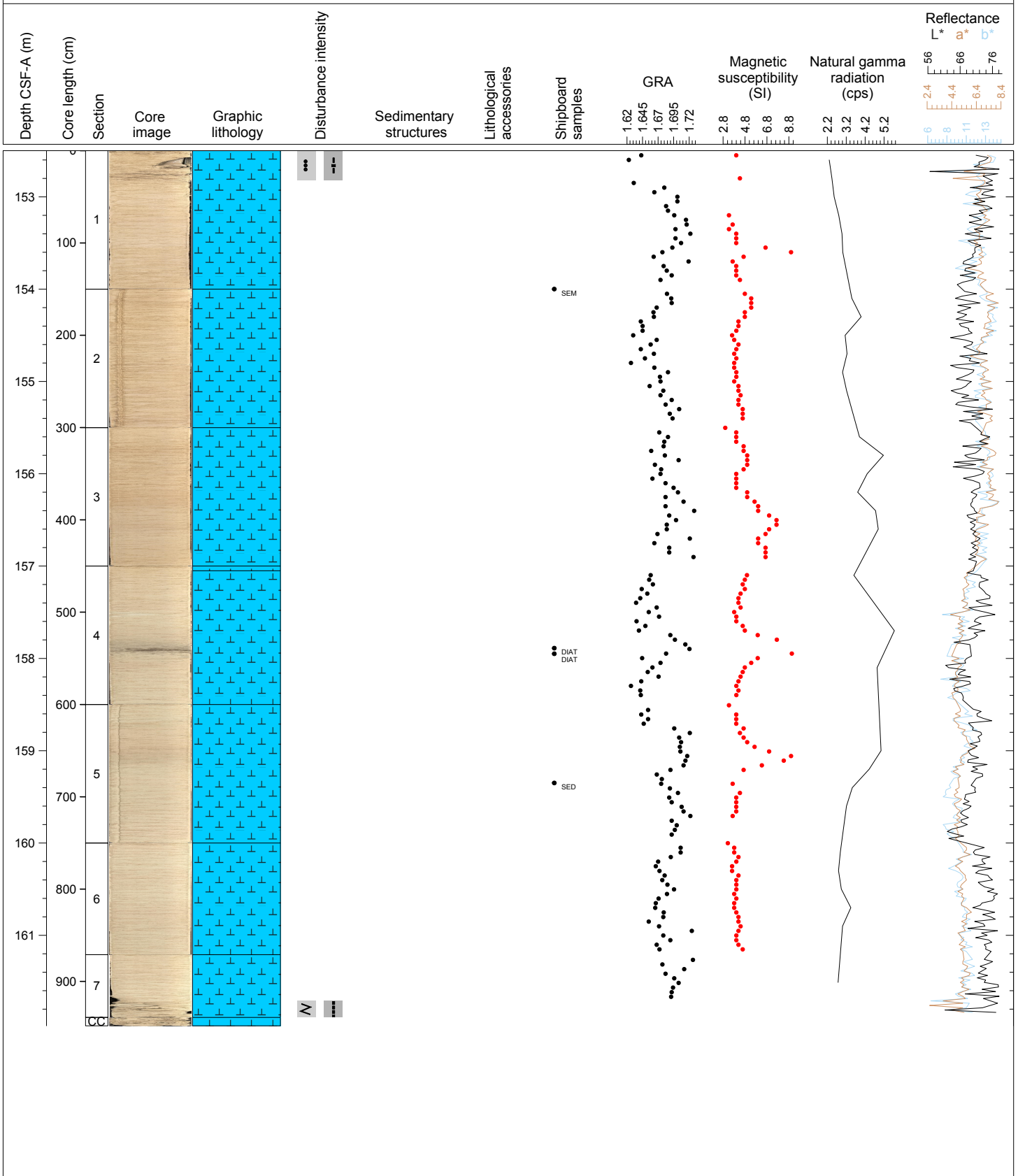
Hole 353-U1443B Core 17H, Interval 145.5-152.47 m (CSF-A)

Major Lithology: Pale brown (2.5Y 8/1 to 10YR 8/3) to pale orange yellow (10YR 9/2) NANNOFOSSIL OOZE with CLAY. General Comments: The core is homogeneous and is a massive deposit. Color variation from white to pale brown along the core. Grayish mottled splotches along the core. The color of sediment gradually change from pale brown to pale orange yellow in Section 5.



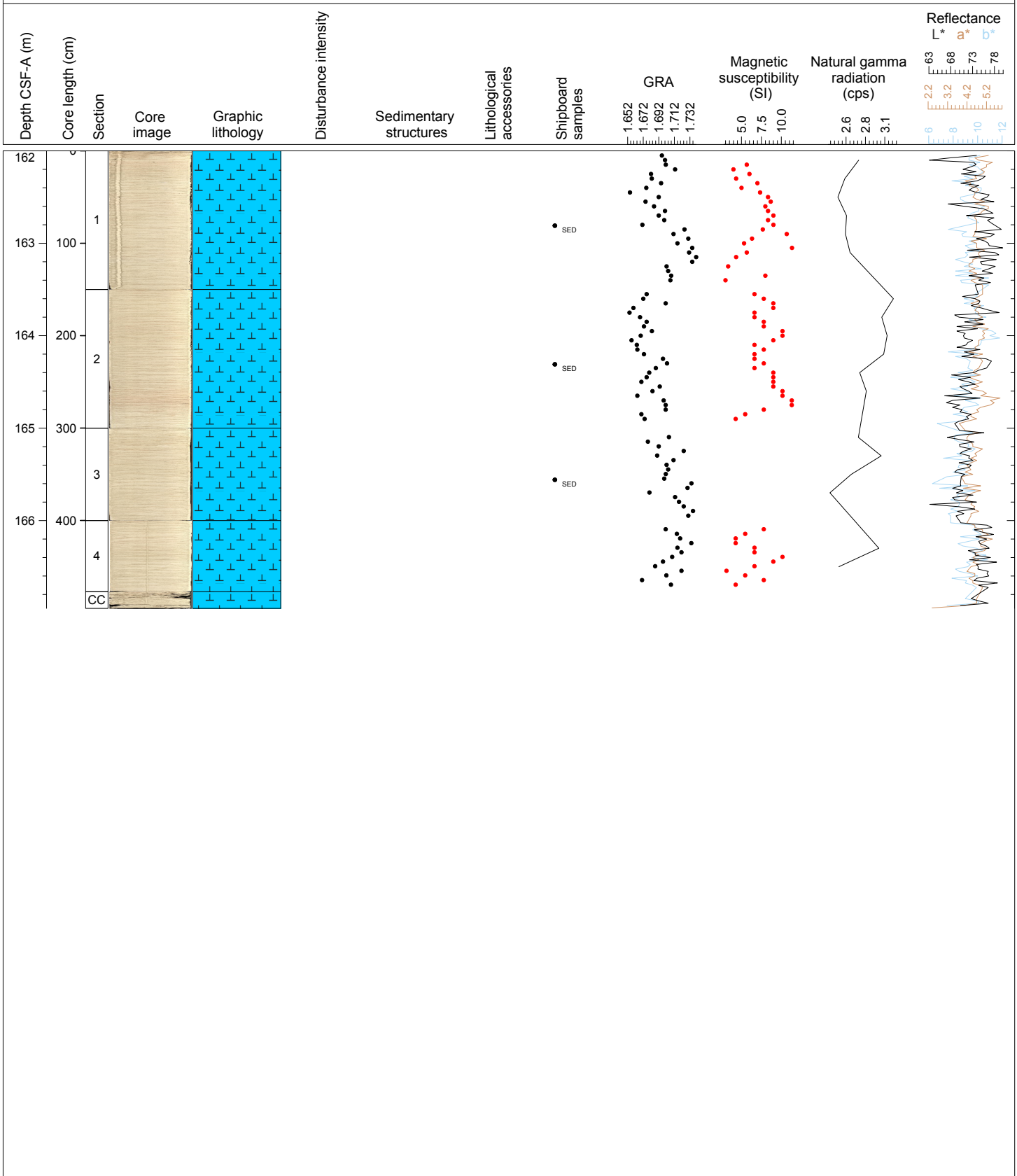
Hole 353-U1443B Core 18H, Interval 152.5-161.98 m (CSF-A)

Major Lithology: Pale orange yellow (10YR 9/2 to 10YR 9.5/2) NANNOFOSSIL OOZE with CLAY. General Comments: The core is homogeneous and is a massive deposit. The color of sediment gradually change from pale orange yellow to more white color in Section 4. Grayish mottled ash splotches in Section 4.



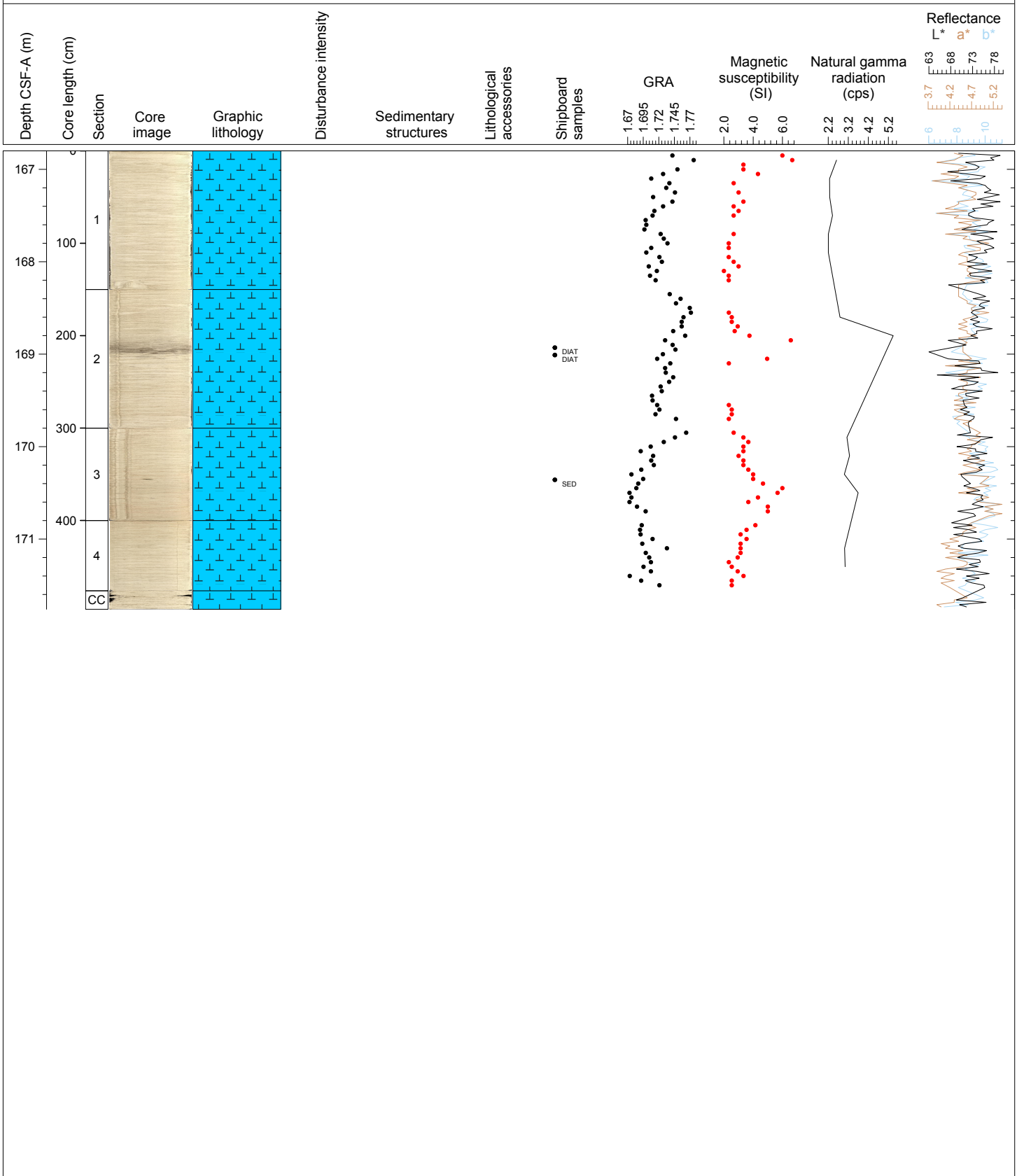
Hole 353-U1443B Core 19F, Interval 162.0-166.95 m (CSF-A)

Major Lithology: Pale orange yellow (10YR 9.5/2) NANNOFOSSIL OOZE with CLAY. General Comments: The core is highly homogeneous and is a massive deposit.



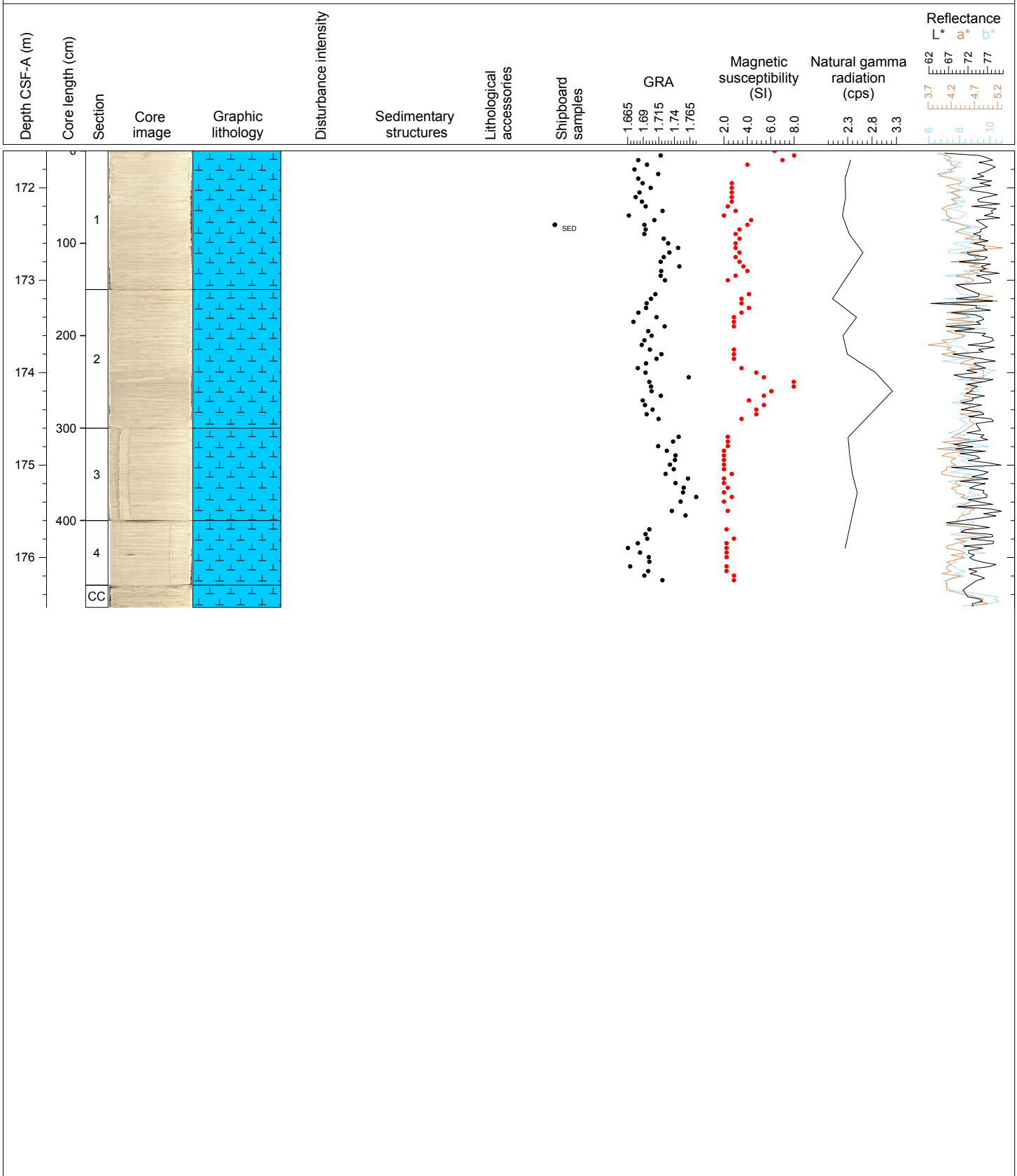
Hole 353-U1443B Core 20F, Interval 166.8-171.76 m (CSF-A)

Major Lithology: Pale orange yellow (10YR 9.5/2) NANNOFOSSIL OOZE with CLAY. General Comments: The core is highly homogeneous and is a massive deposit. Grayish mottled ash splotches in Section 2.



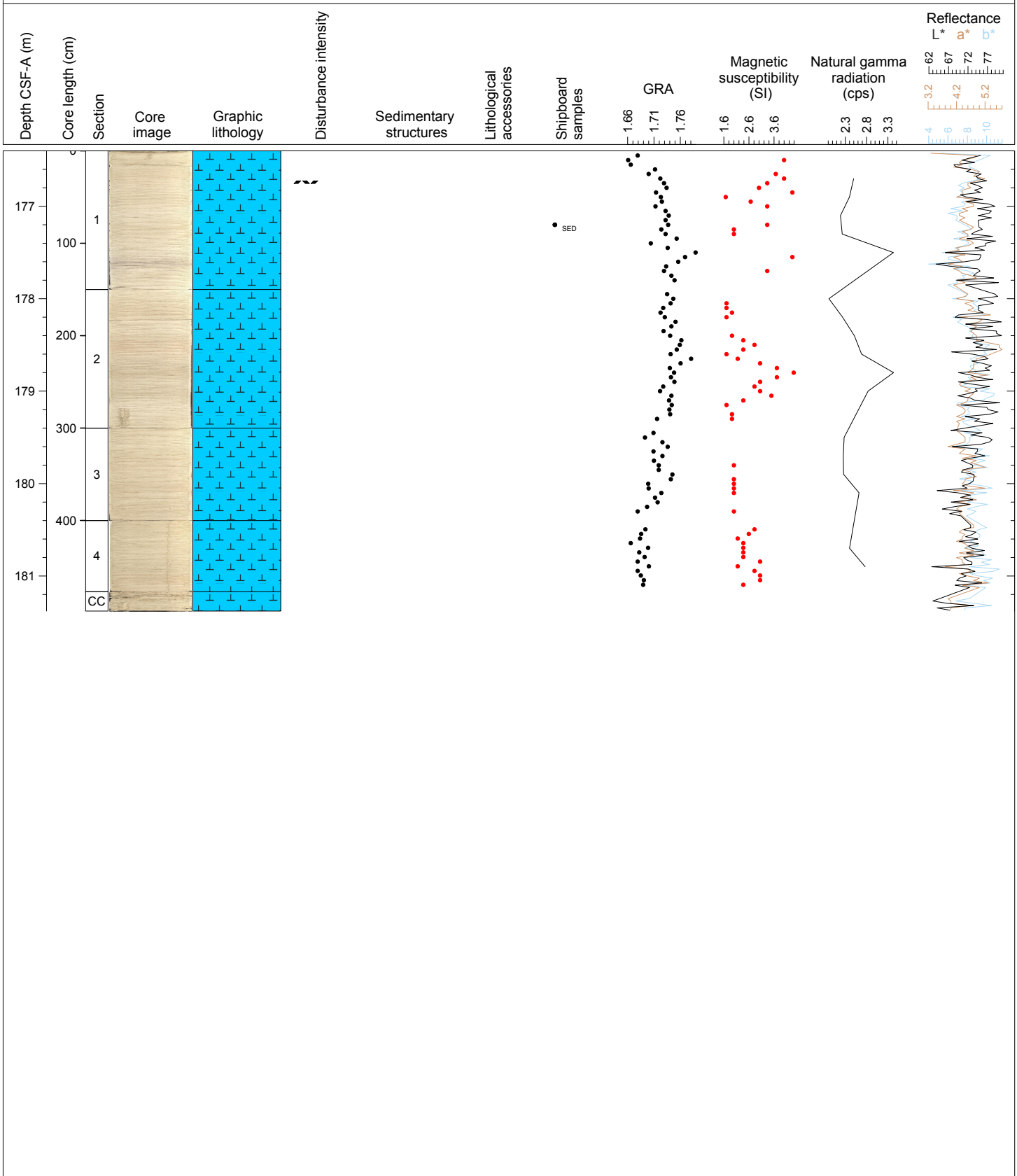
Hole 353-U1443B Core 21F, Interval 171.6-176.54 m (CSF-A)

Major Lithology: Pale orange yellow (10YR 9.5/2) NANNOFOSSIL OOZE with CLAY. General Comments: The core is highly homogeneous and is a massive deposit.



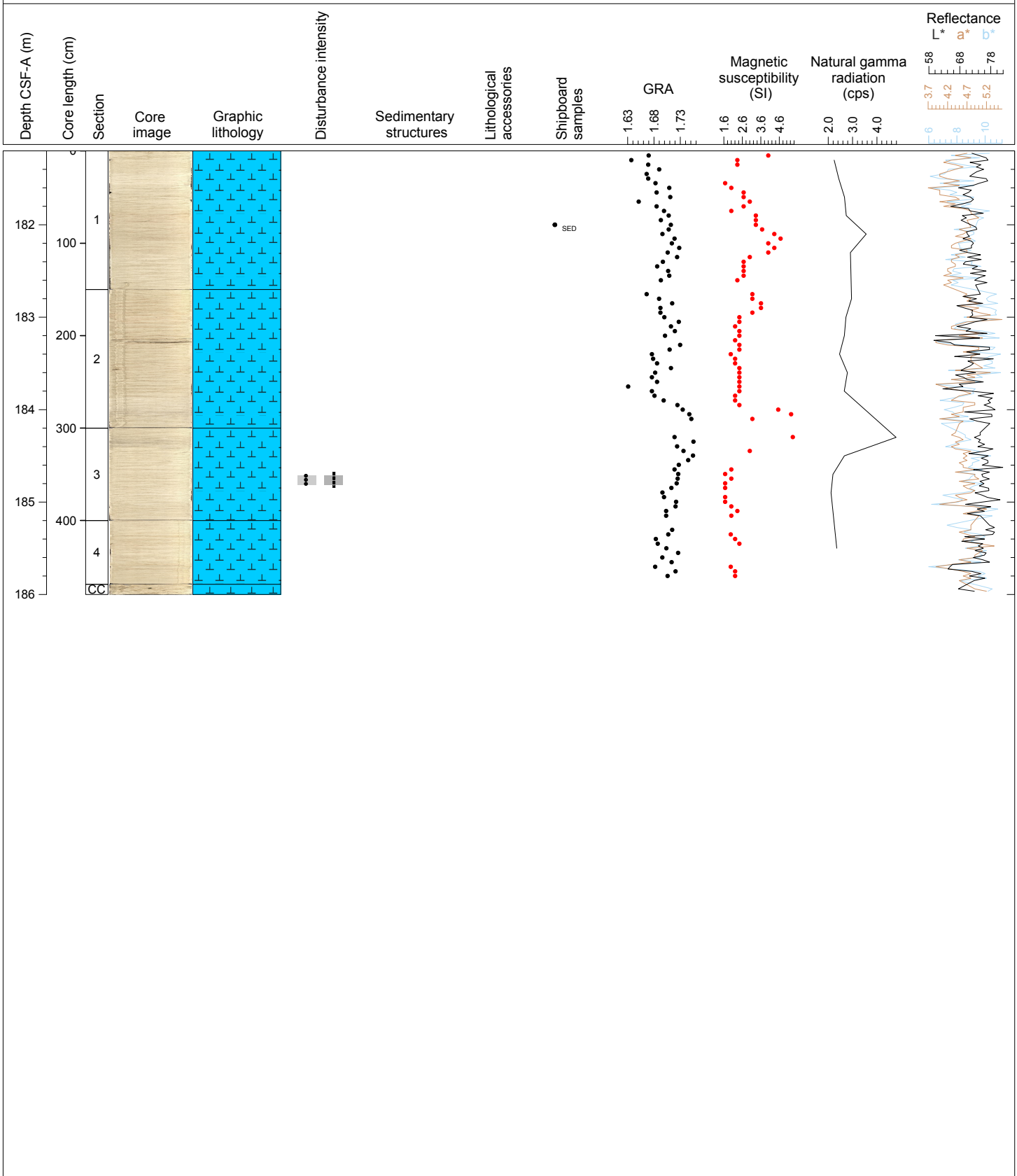
Hole 353-U1443B Core 22F, Interval 176.4-181.38 m (CSF-A)

Major Lithology: Pale orange yellow (10YR 9.5/2) NANNOFOSSIL OOZE with CLAY. General Comments: The core is highly homogeneous and is a massive deposit.



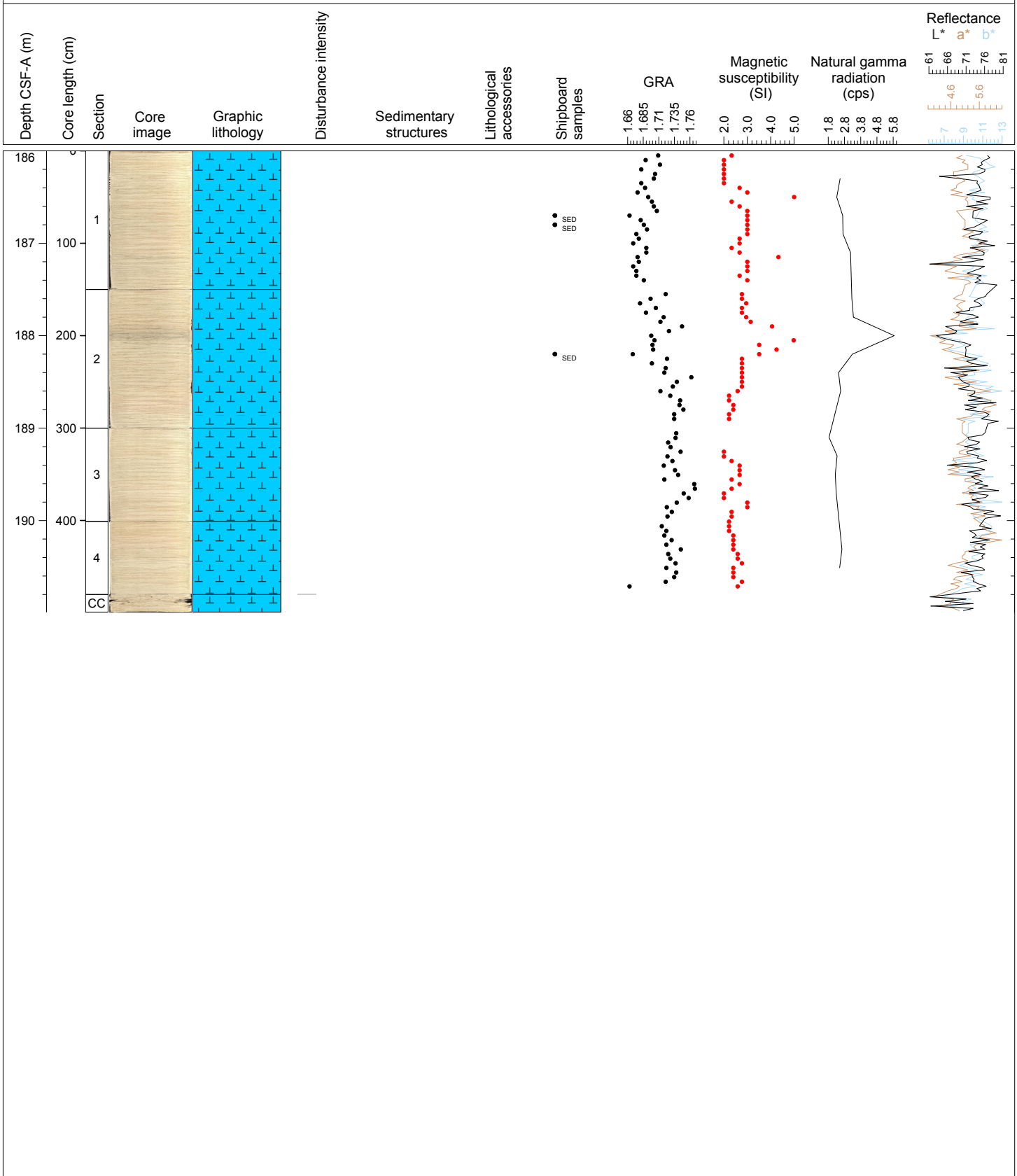
Hole 353-U1443B Core 23F, Interval 181.2-186.0 m (CSF-A)

Major Lithology: Very pale yellow (2.5Y 9.5/2) NANNOFOSSIL OOZE with CLAY. General Comments: The core is highly homogeneous and is a massive deposit.



Hole 353-U1443B Core 24F, Interval 186.0-190.99 m (CSF-A)

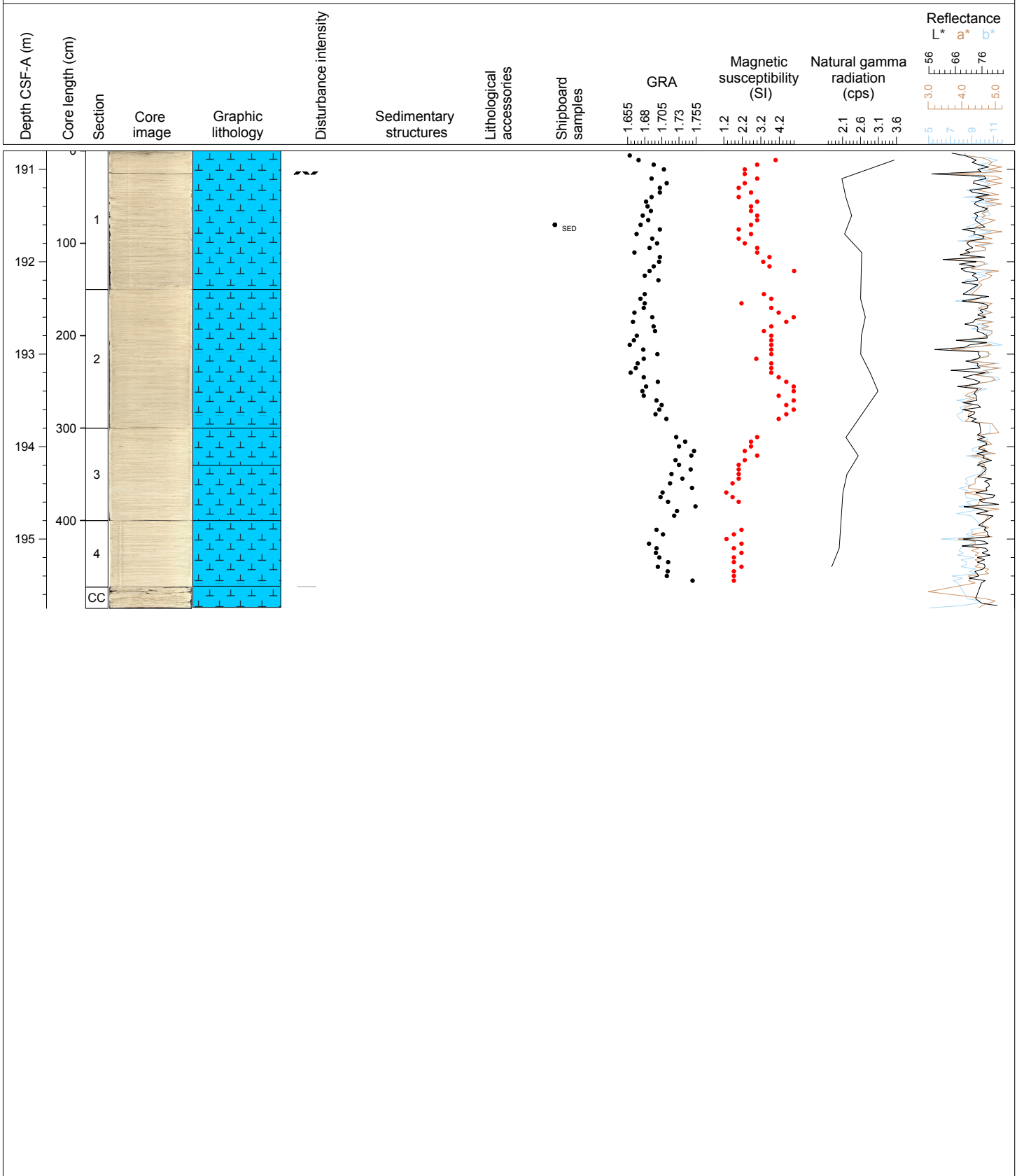
Major Lithology: Very pale yellow (2.5Y 9.5/2) NANNOFOSSIL OOZE with FORAMINIFERS. General Comments: The core is highly homogeneous and is a massive deposit.

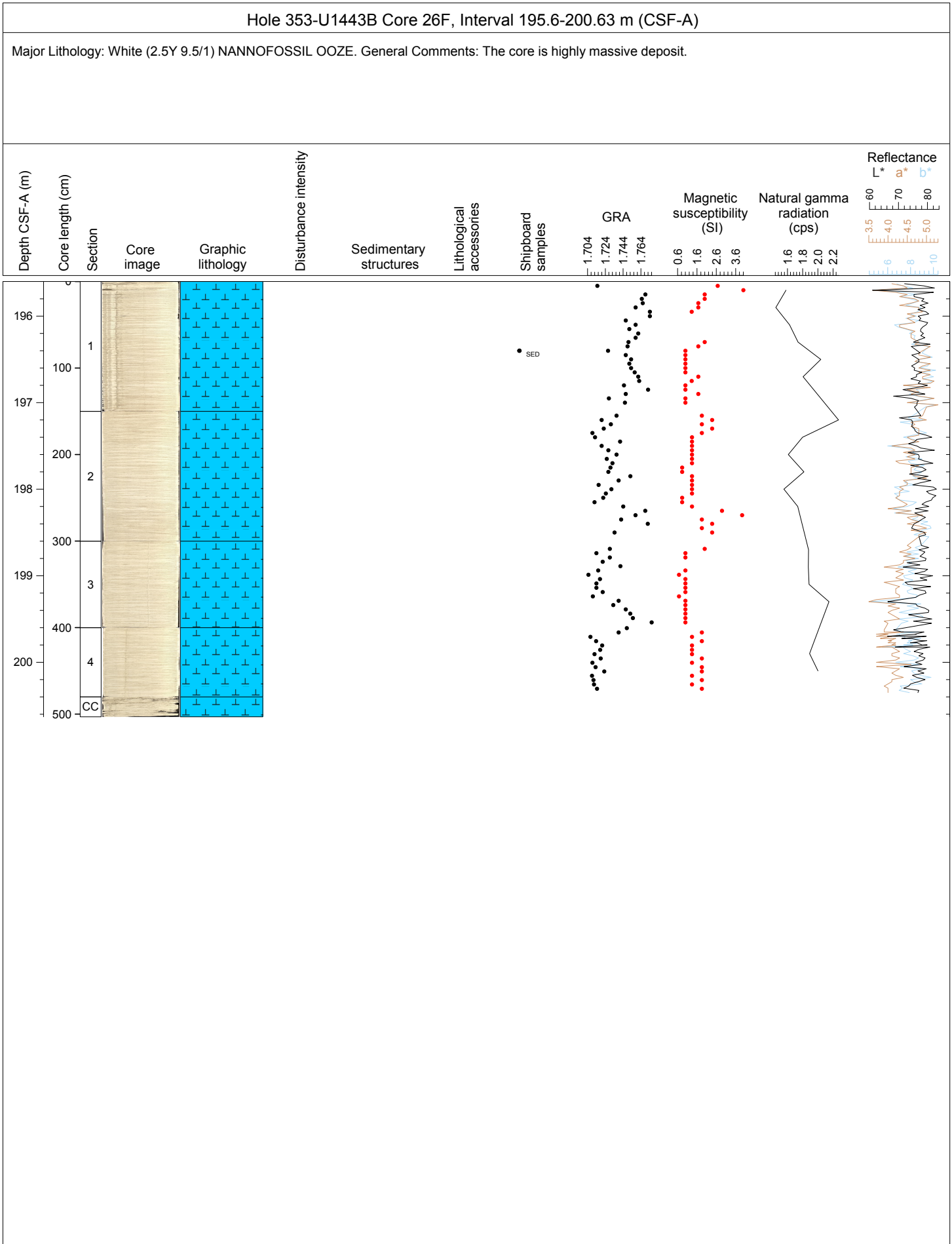




Hole 353-U1443B Core 25F, Interval 190.8-195.75 m (CSF-A)

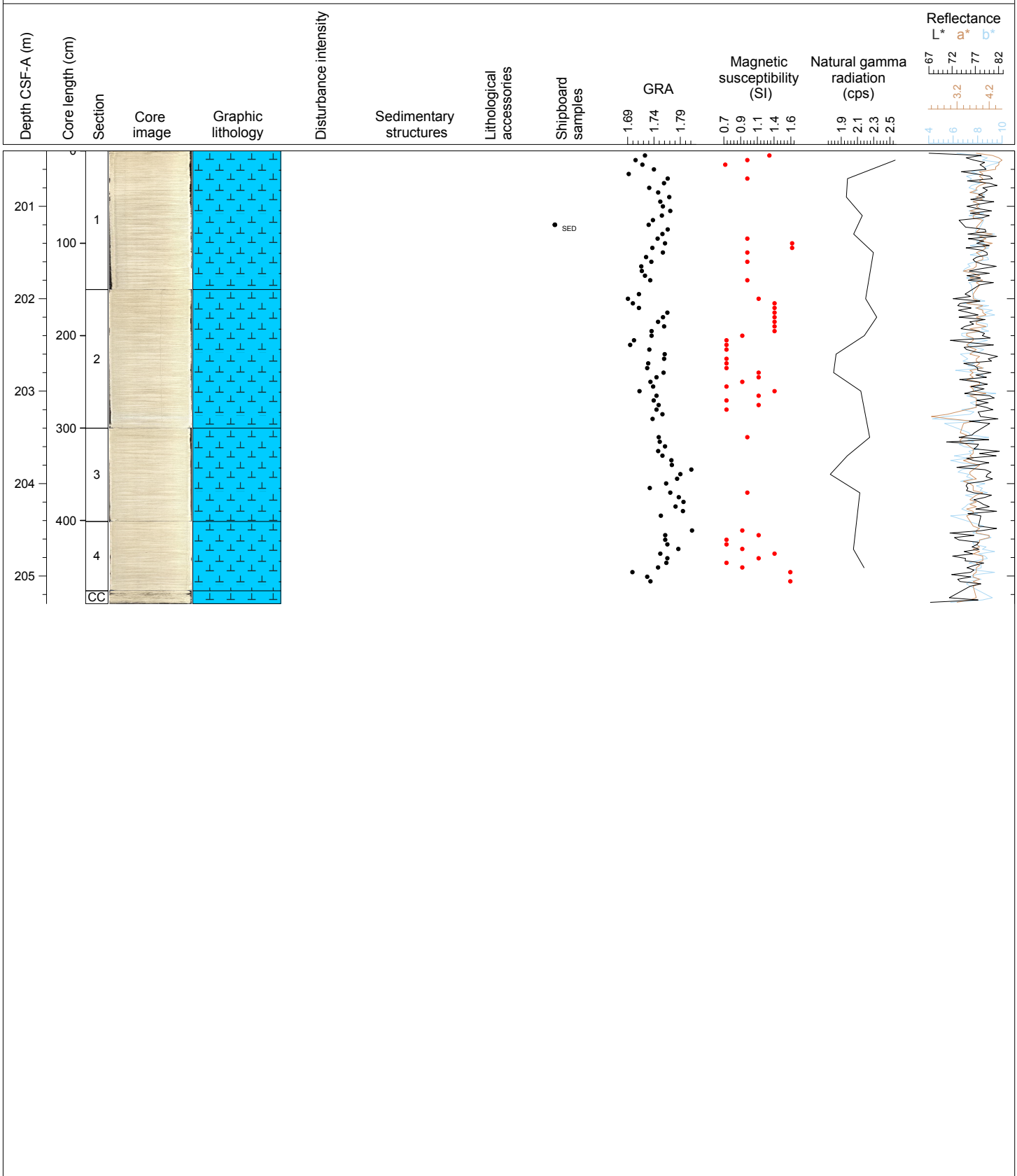
Major Lithology: Very pale yellow (2.5Y 9.5/2) to White (2.5Y 9.5/1) NANNOFOSSIL OOZE. General Comments: The core is homogeneous and is a massive deposit. The color of sediment gradually change from very pale yellow to more white color in Section 3.





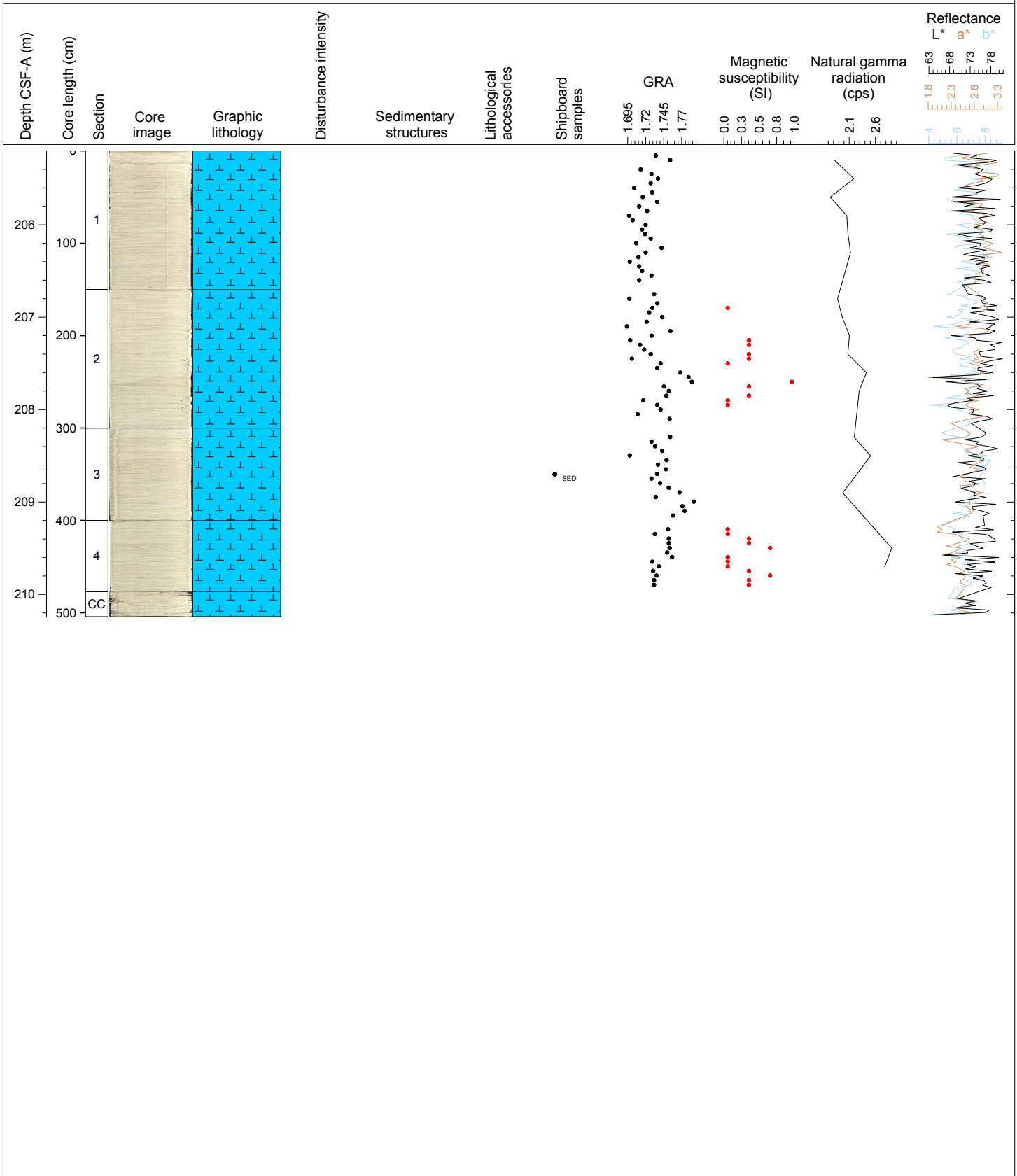
Hole 353-U1443B Core 27F, Interval 200.4-205.3 m (CSF-A)

Major Lithology: White (2.5Y 9.5/1) NANNOFOSSIL OOZE. General Comments: The core is highly massive deposit.



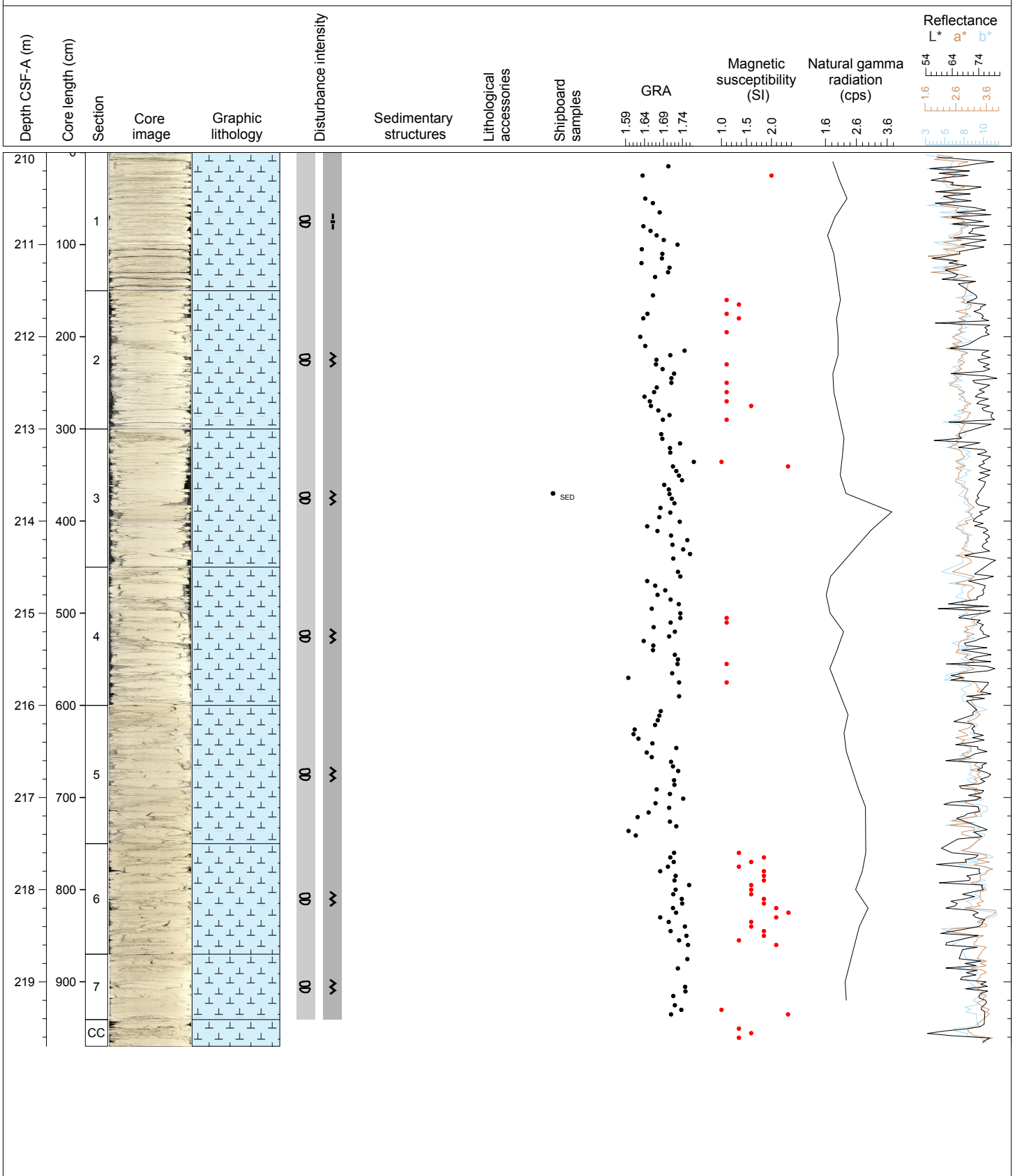
Hole 353-U1443B Core 28F, Interval 205.2-210.24 m (CSF-A)

Major Lithology: White (2.5Y 8/2) NANNOFOSSIL OOZE. General Comments: The core is highly massive and homogeneous deposit. The core is very well consolidated and is beginning to resemble transition into chalk.



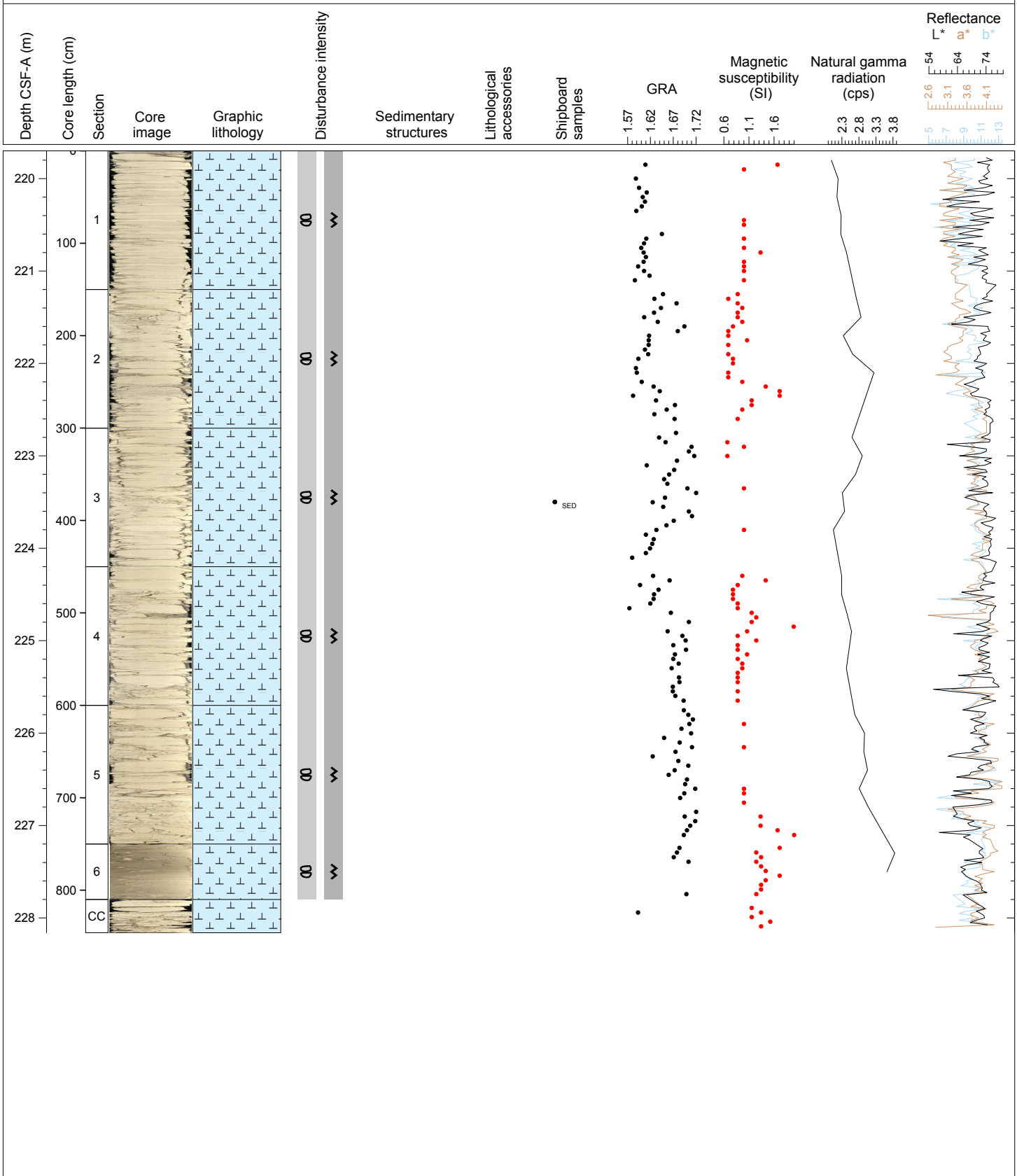
Hole 353-U1443B Core 29X, Interval 210.0-219.7 m (CSF-A)

Major Lithology: White (2.5Y 8.5/2) NANNOFOSSIL CHALK. General Comments: There are some small fragments (0.2-1cm) of chert observed infrequently throughout the core along with small black dots, and an increased biosiliceous content. The core is a homogeneous deposit and moderate-to-severe biscuiting is observed.



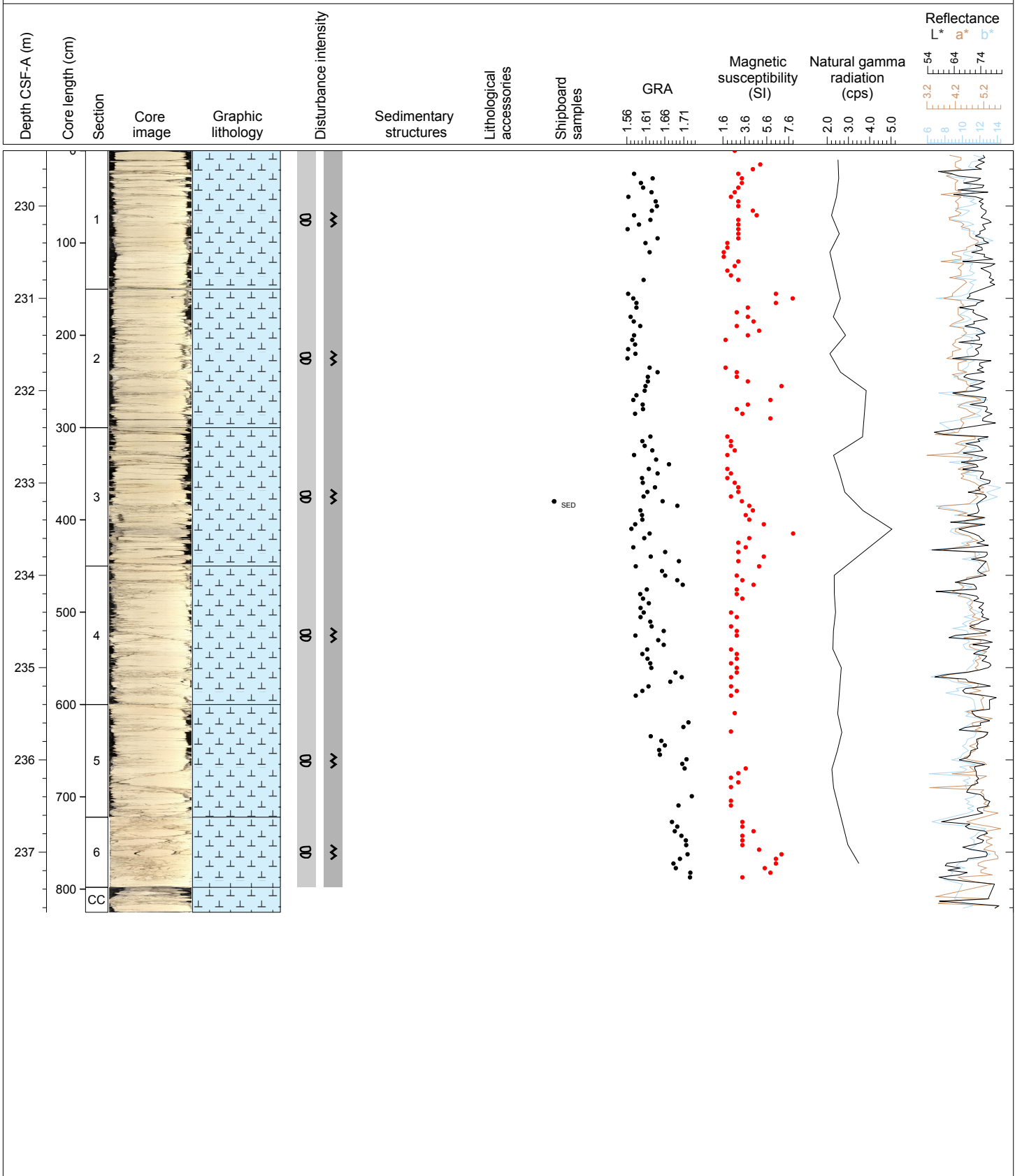
Hole 353-U1443B Core 30X, Interval 219.7-228.16 m (CSF-A)

Major Lithology: White (2.5Y 8.5/2) NANNOFOSSIL CHALK. General Comments: There are some small fragments (<0.5 cm) of chert/porcellanite observed infrequently throughout the core along with small black dots. The core is a homogeneous deposit and moderate-to-severe biscuiting is observed.



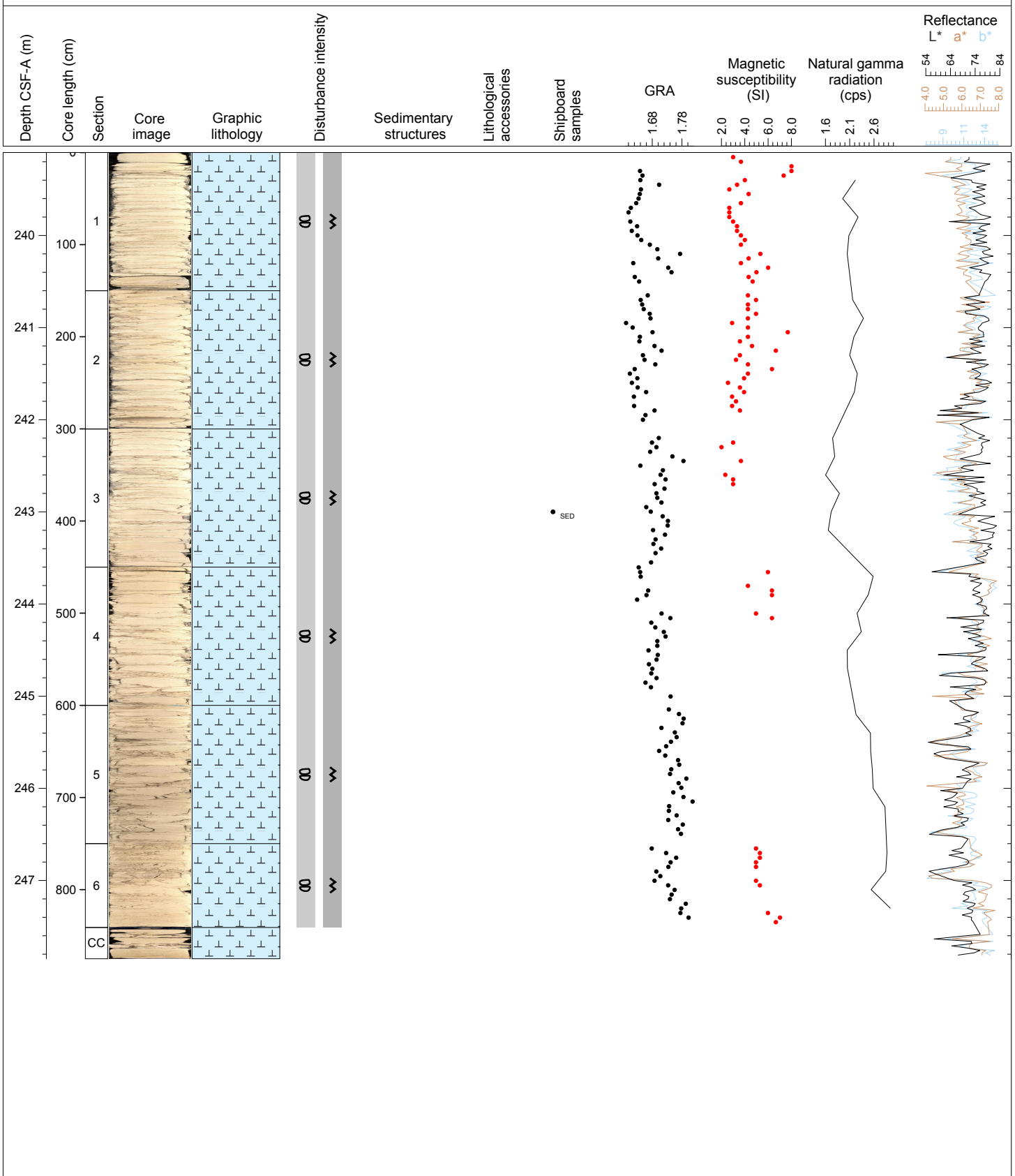
Hole 353-U1443B Core 31X, Interval 229.4-237.65 m (CSF-A)

Major Lithology: White (2.5Y 8.5/2) NANNOFOSSIL CHALK with FORAMINIFERS. General Comments: There are some small fragments (<0.5 cm) of chert/porcellanite observed infrequently throughout the core along with small black dots. The core is a homogeneous deposit and moderate-to-severe biscuiting is observed.



Hole 353-U1443B Core 32X, Interval 239.1-247.85 m (CSF-A)

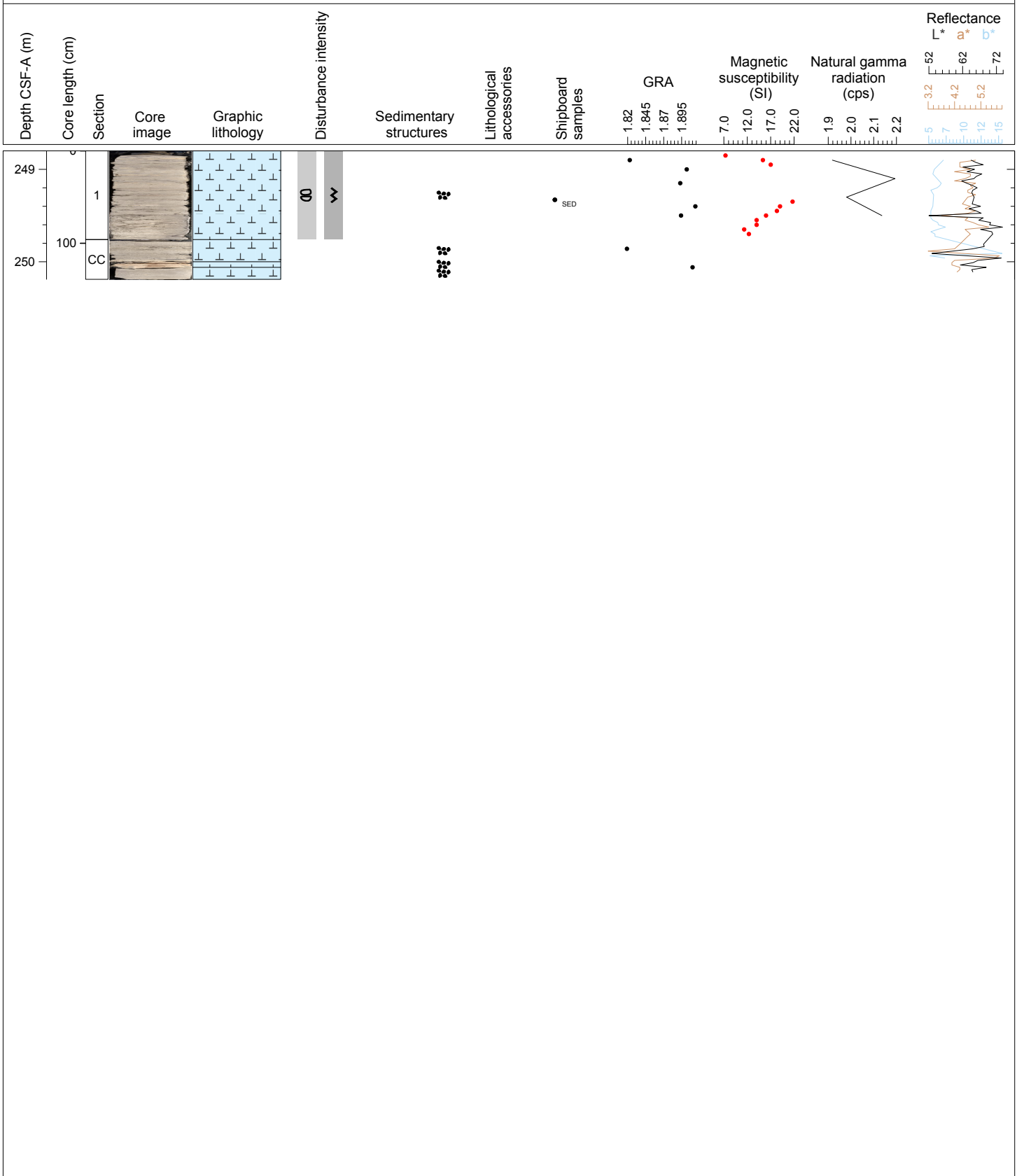
Major Lithology: Pale orangish white (10YR 9.5/2) to creamy brownish white (10YR 8.5/2) NANNOFOSSIL CHALK with FORAMINIFERS. General Comments: The core is highly homogeneous and is a massive deposit. Few visible black specks and moderate-to-severe biscuiting drilling disturbance observed.





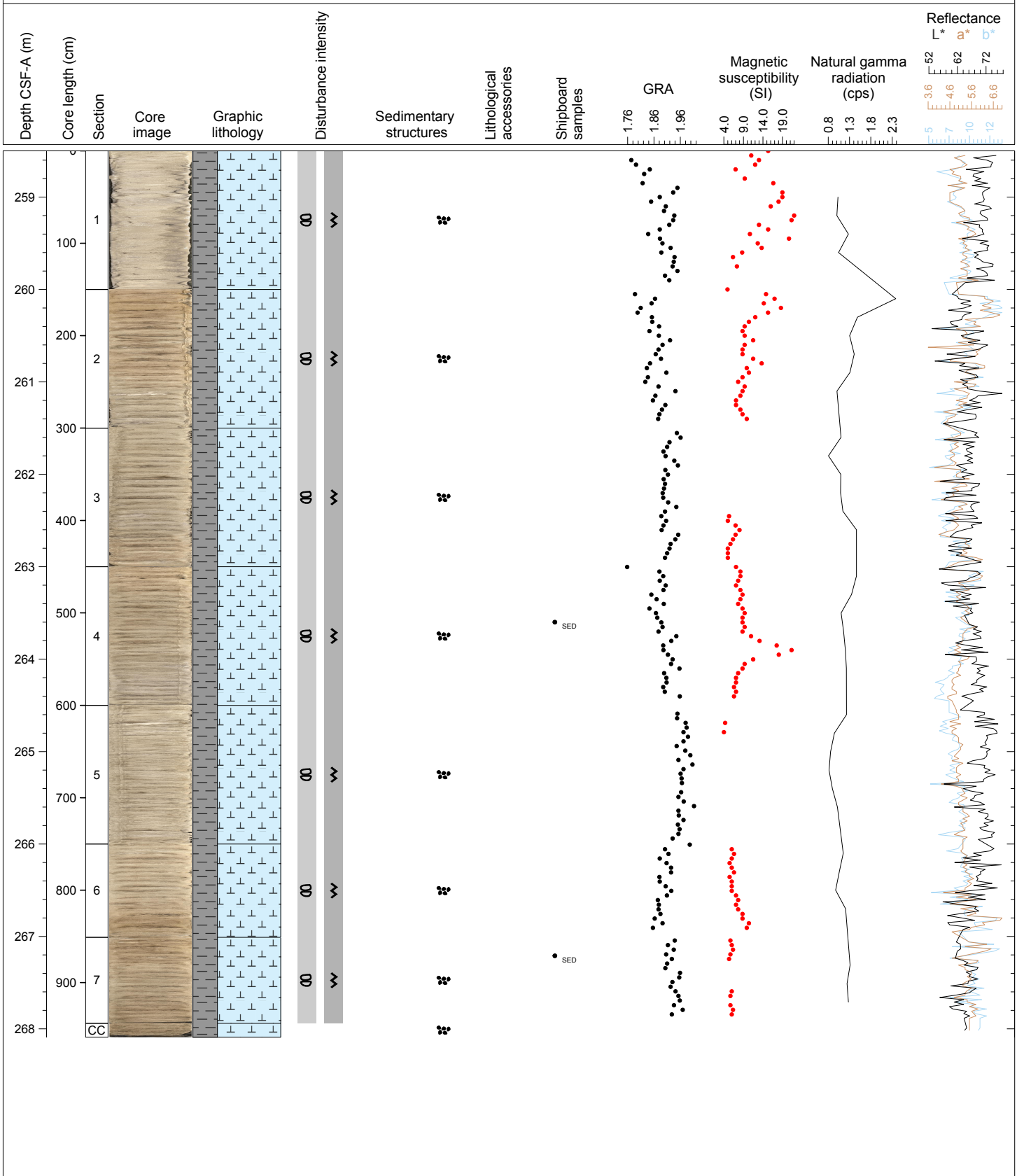
Hole 353-U1443B Core 33X, Interval 248.8-250.19 m (CSF-A)

Major Lithology: Brownish light gray (10YR 8YR 8/1) NANNOFOSSIL CHALK with AUTHIGENIC CARBONATES. General Comments: Mottling becomes more distinct and a very noticeable color change to grayer colors is observed compared to the previous core. Small chert blebs and dark gray blebs observed throughout.



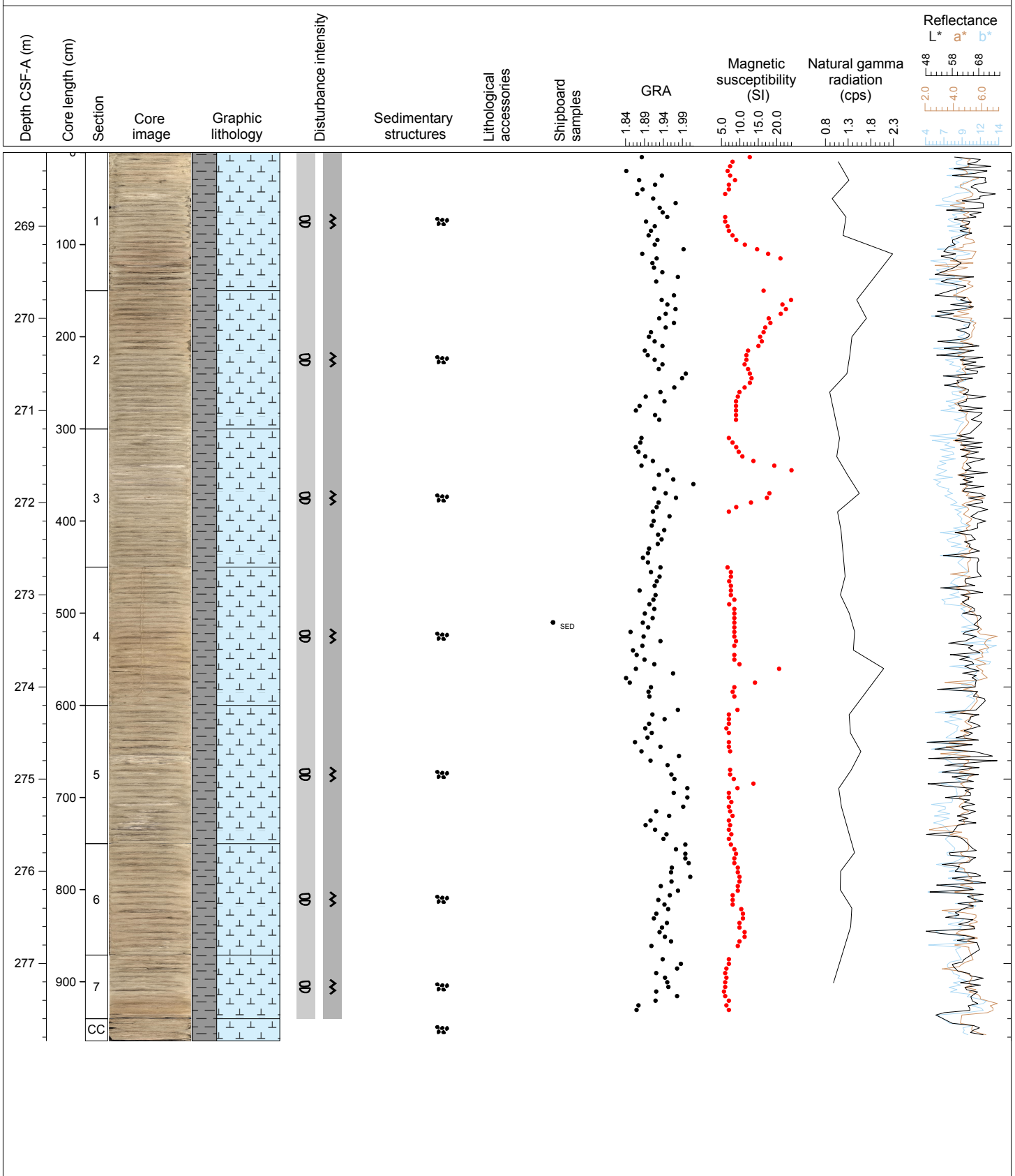
Hole 353-U1443B Core 34X, Interval 258.5-268.09 m (CSF-A)

Major Lithology: Pale brownish light gray (10YR 8/1) to brownish light gray (10YR 8/2) CLAYEY NANNOFOSSIL CHALK with FORAMINIFERS containing ZEOLITES and AUTHIGENIC CARBONATES. General Comments: Mottling with darker gray and paler gray sediment prevalent throughout the core and moderate-to-severe biscuiting drilling disturbance is observed. Small chert blebs and dark gray blebs observed throughout.



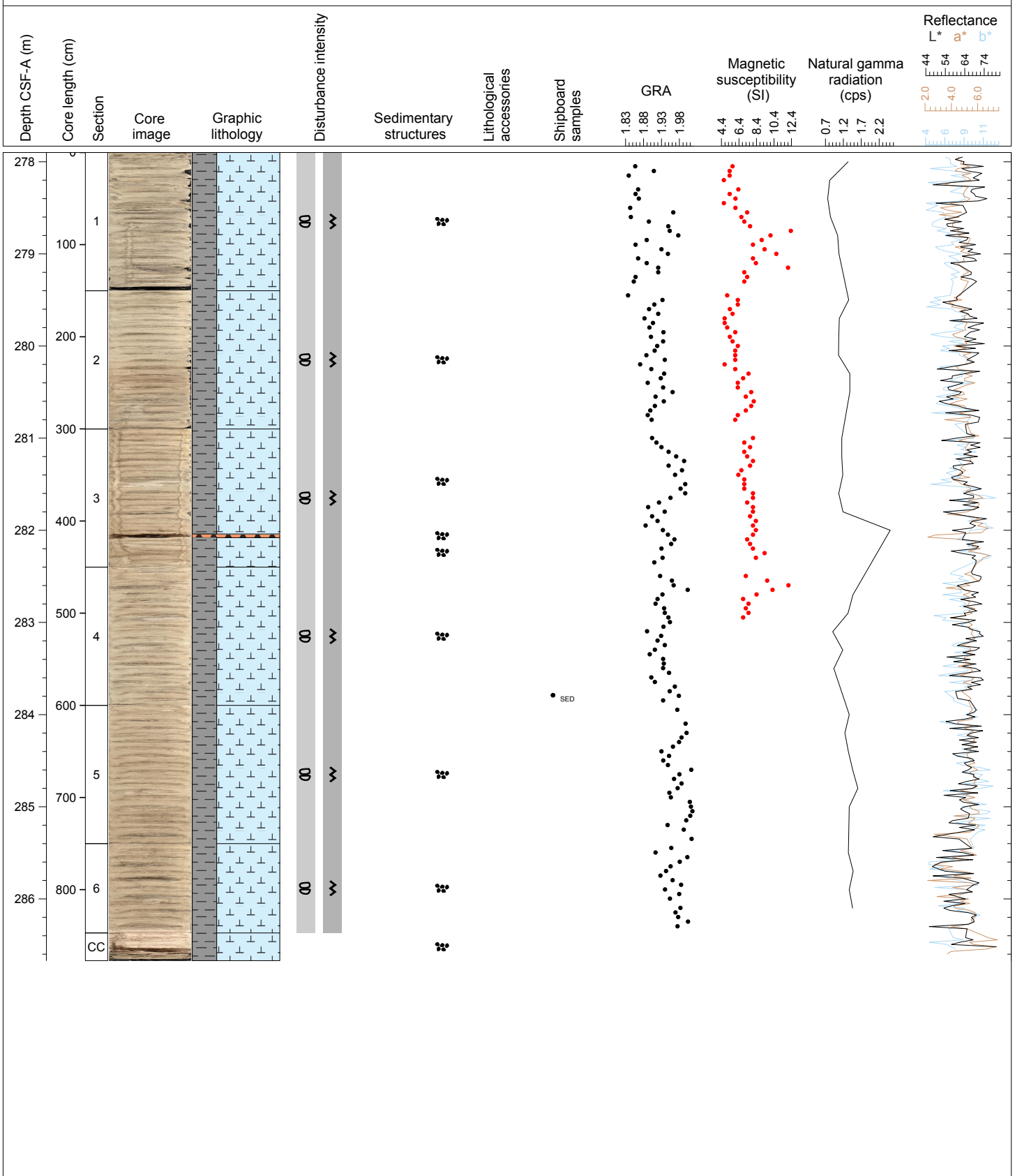
Hole 353-U1443B Core 35X, Interval 268.2-277.84 m (CSF-A)

Major Lithology: Brownish light gray (10YR 8/2) CLAYEY NANNOFOSSIL CHALK with FORAMINIFERS containing AUTHIGENIC CARBONATES and zeolites.  
 General Comments: Mottling with darker gray and paler gray sediment prevalent throughout the core and moderate-to-severe biscuiting drilling disturbance is observed.



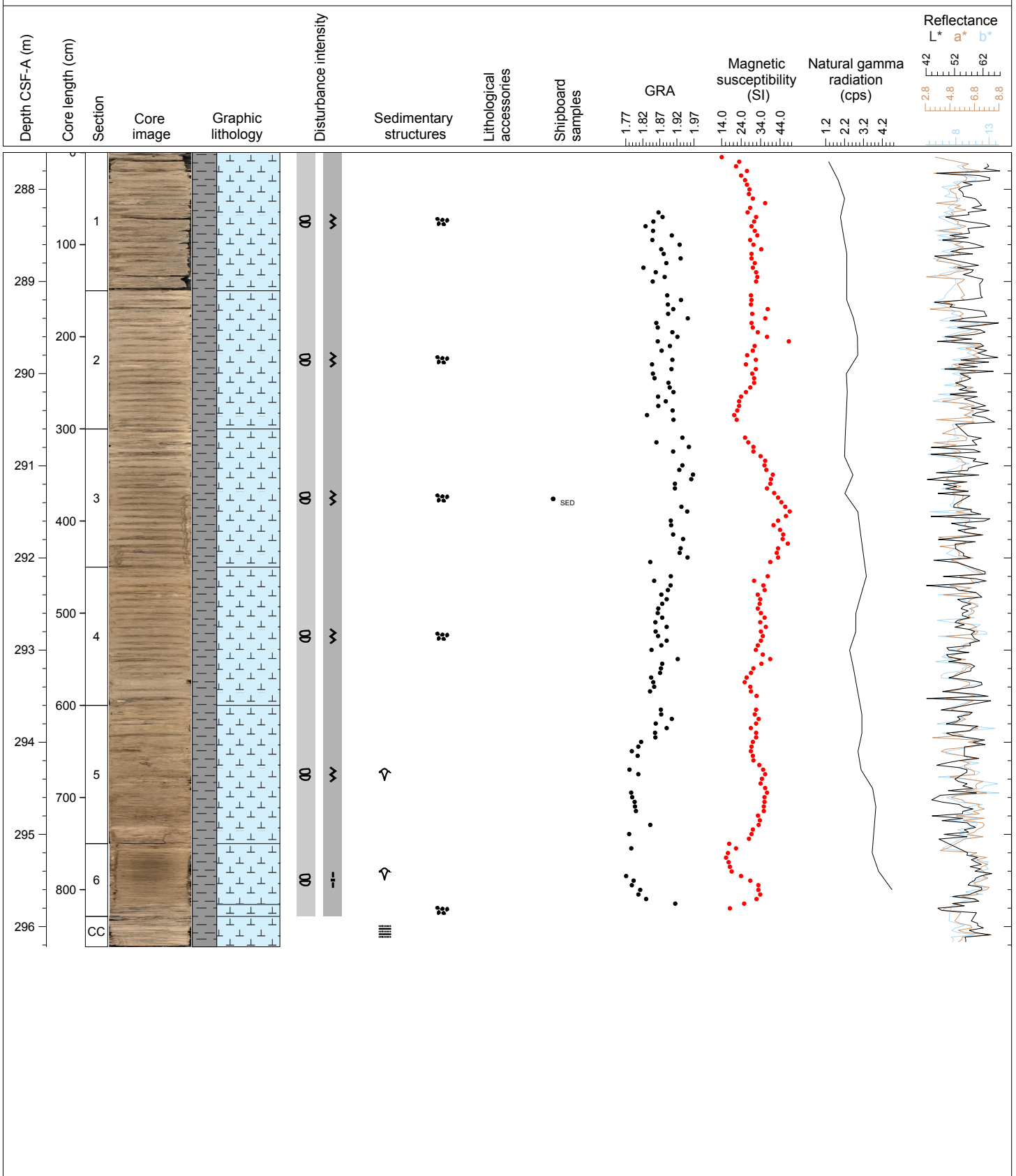
Hole 353-U1443B Core 36X, Interval 277.9-286.67 m (CSF-A)

Major Lithology: Brownish light gray (10YR 8/2) CLAYEY NANNOFOSSIL CHALK with FORAMINIFERS containing AUTHIGENIC CARBONATES and zeolites.  
 Minor Lithology: Darkish red fragmented CHERT layer in Section 3 and CC with brown red CHERT nodules. General Comments: Mottling with darker gray and paler gray sediment prevalent throughout the core and moderate-to-severe biscuiting drilling disturbance is observed.



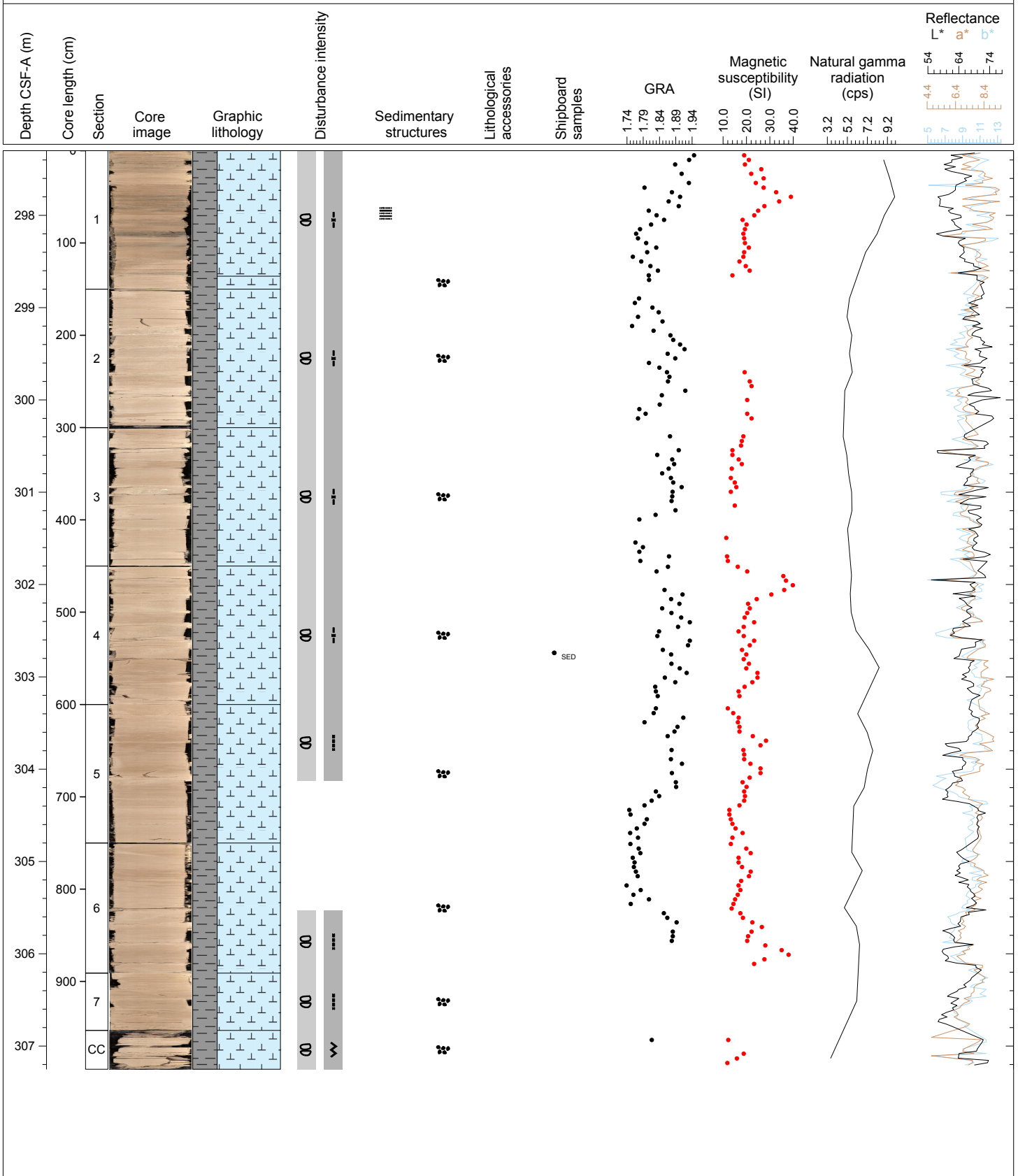
Hole 353-U1443B Core 37X, Interval 287.6-296.22 m (CSF-A)

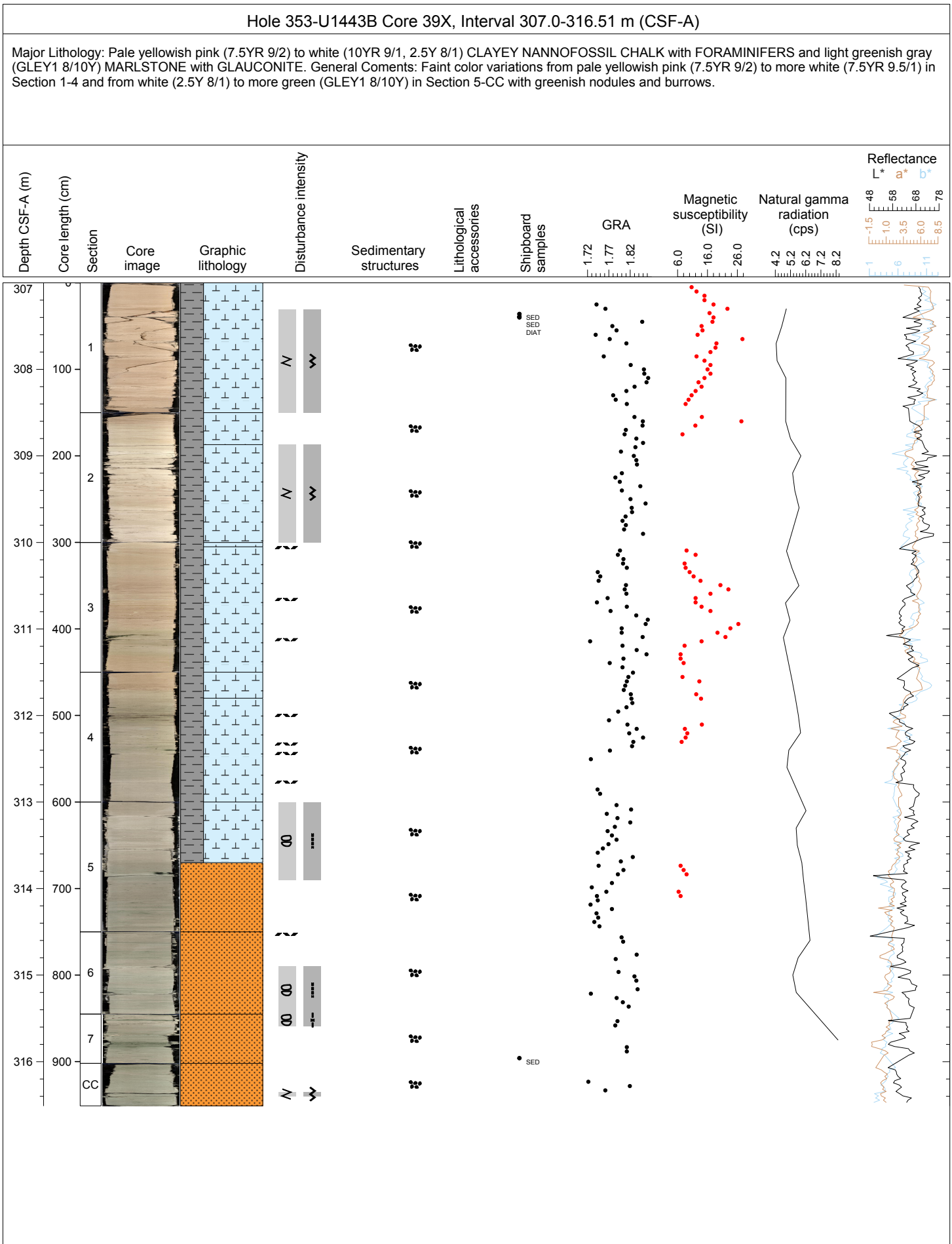
Major Lithology: Brownish light gray (10YR 8/2) to pinkish gray (7.5YR 9.5/2) CLAYEY NANNOFOSSIL CHALK with FORAMINIFERS General Comments: Mottling with darker gray and paler gray sediment prevalent throughout the core, with increasing frequency in 5 and 6, and moderate-to-severe biscuiting drilling disturbance is observed.



Hole 353-U1443B Core 38X, Interval 297.3-307.25 m (CSF-A)

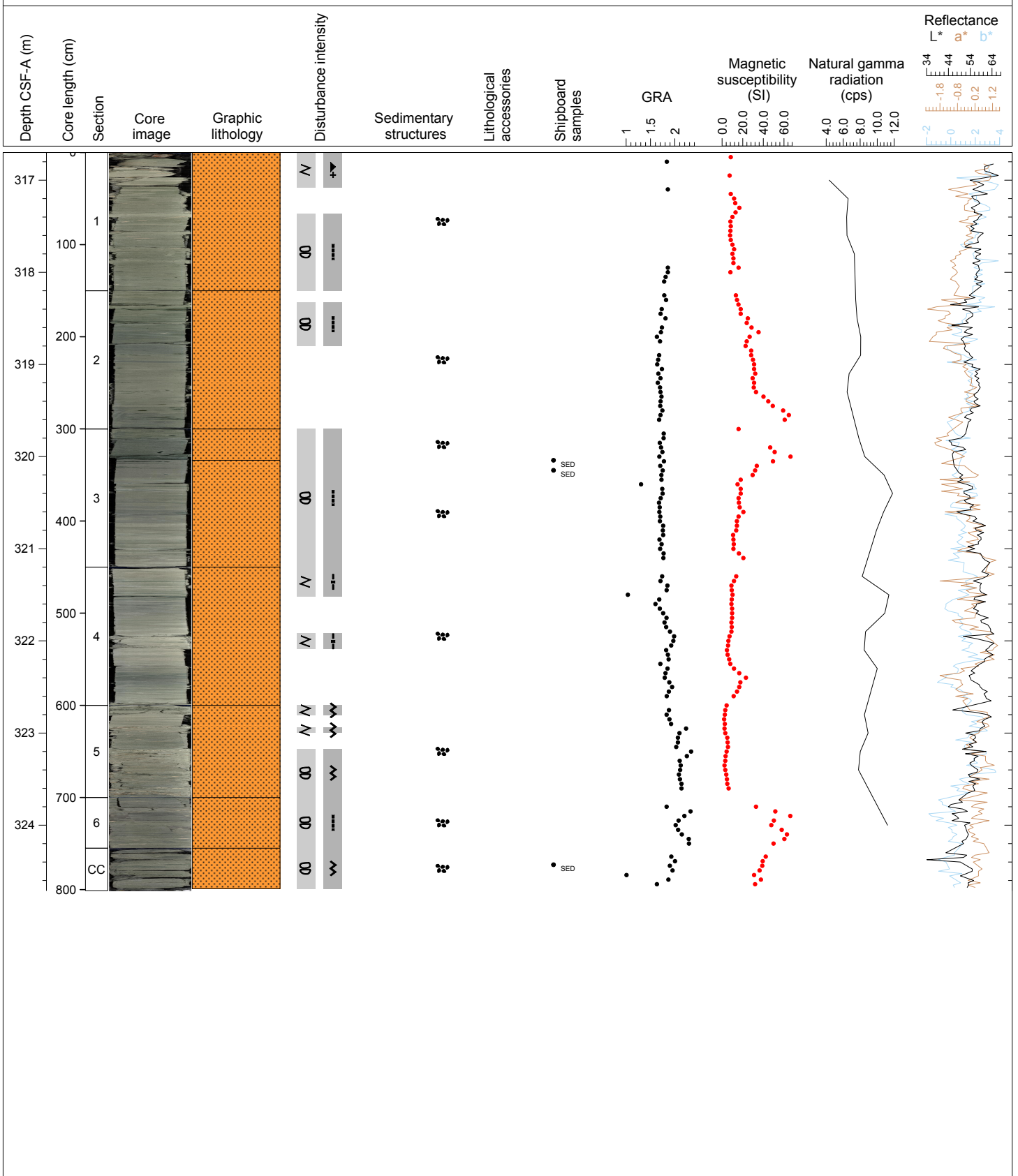
Major Lithology: Pinkish white (7.5YR 8.5/2) to pale yellowish pink (7.5YR 9/2) CLAYEY NANNOFOSSIL CHALK with FORAMINIFERS General Coments: Pale gray and darker gray (ash ?) color banding observed along with mottling in Section 1. Faint color variations from pale yellowish pink (7.5YR 9/2) to more white (7.5YR 9.5/1) with burrows in Section 2-CC.





Hole 353-U1443B Core 40X, Interval 316.7-324.71 m (CSF-A)

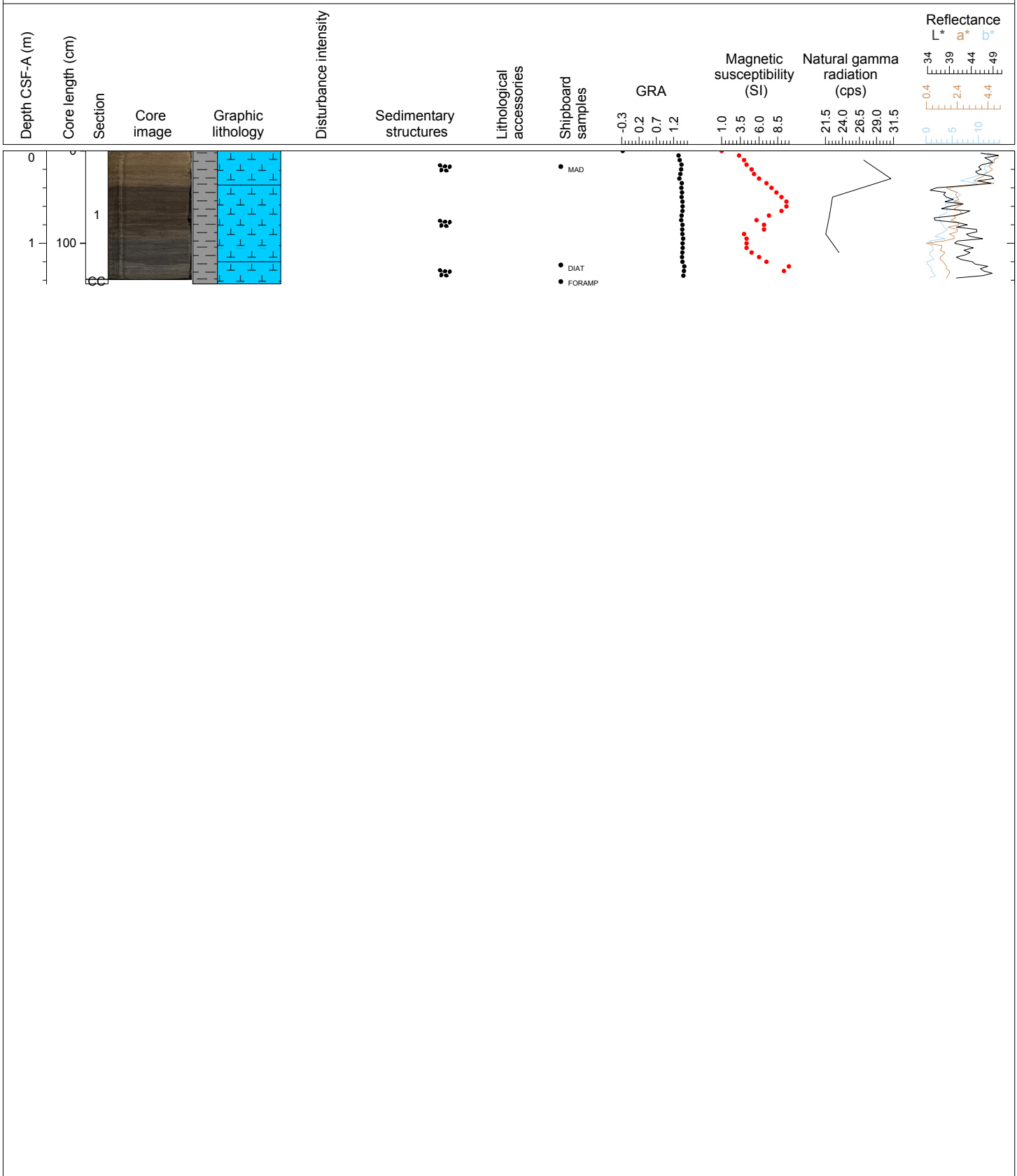
Major Lithology: Light greenish gray (GLE Y1 8/10Y) to very dark greenish gray (GLE Y1 3/5G) MARLSTONE with GLAUCONITE. General Comments: Faint color variations from white (2.5Y 8/1) to more green (GLE Y1 8/10Y) with greenish nodules. Inoceramid fragments are present in the core and particular common from section 5 23-100 cm. Distinct bioturbation-based burrows observed throughout the core. Cross lamination present in places especially in Section 2 77-78 cm and 142-144 cm.





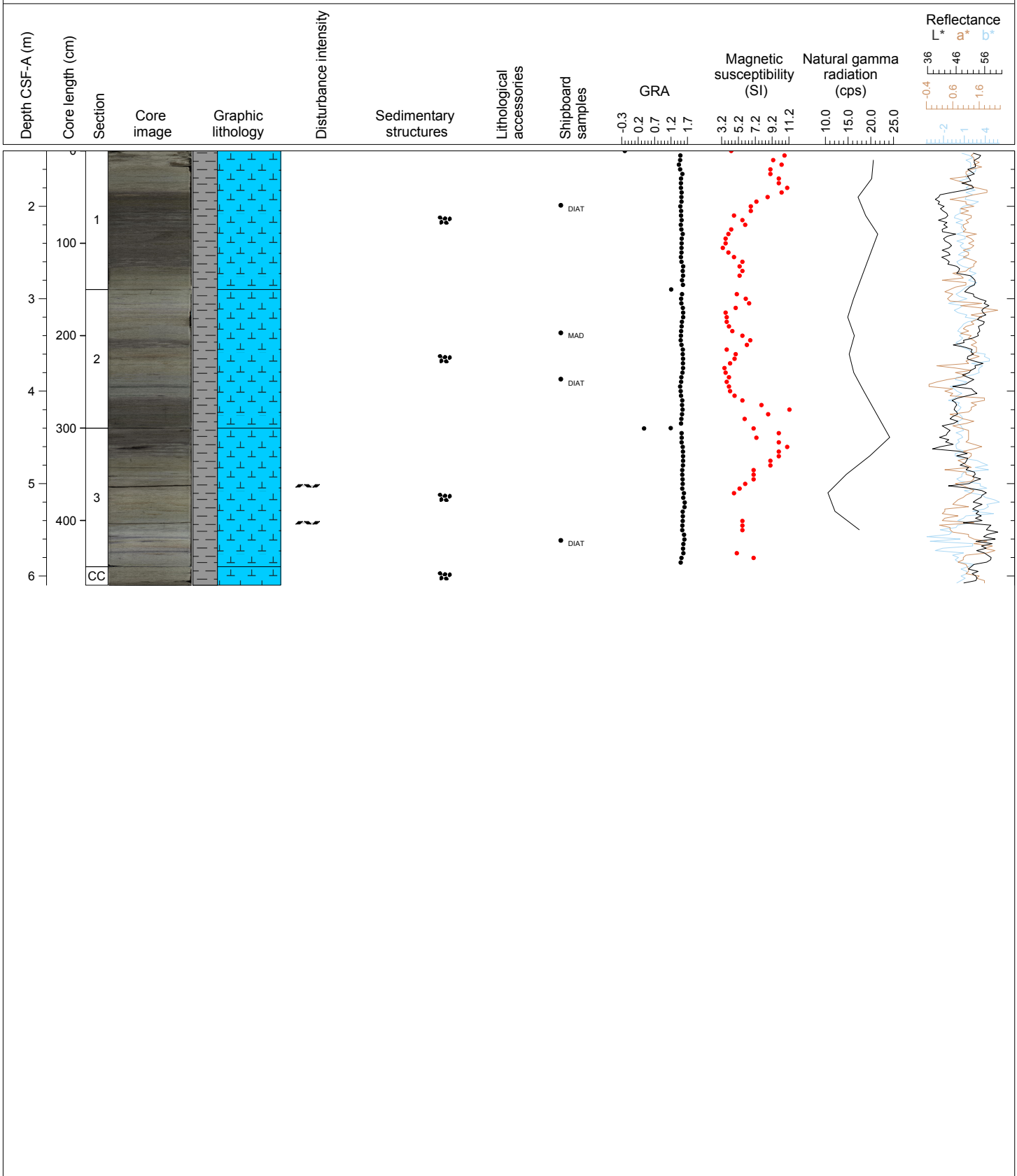
Hole 353-U1443C Core 1F, Interval 0.0-1.44 m (CSF-A)

Major Lithology: Brown (10YR 6/4) to gray (10YR 5/2) CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS. General Comments: Mottling with paler gray colors is visible throughout. Brown coloration at the top of Section 1 may be related to oxidation.



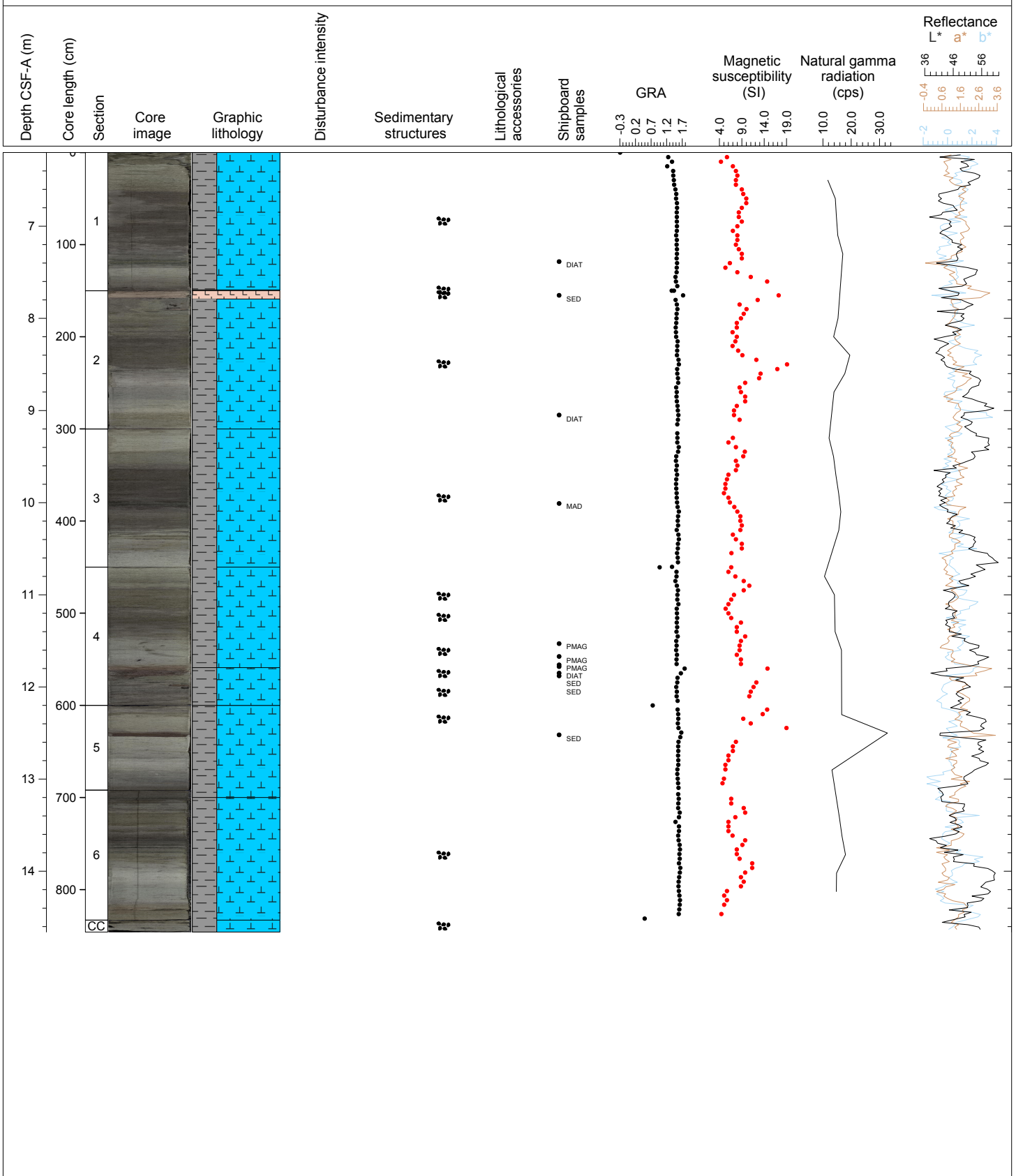
Hole 353-U1443C Core 2F, Interval 1.4-6.1 m (CSF-A)

Major Lithology: Light greenish gray (GLEY 1 7/10Y) to greenish gray (GLEY 1 5/10Y) CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS General Comments: Mottling with paler gray colors is visible throughout the core. Alternating gray shade variations may be related to glacial-interglacial cycles.



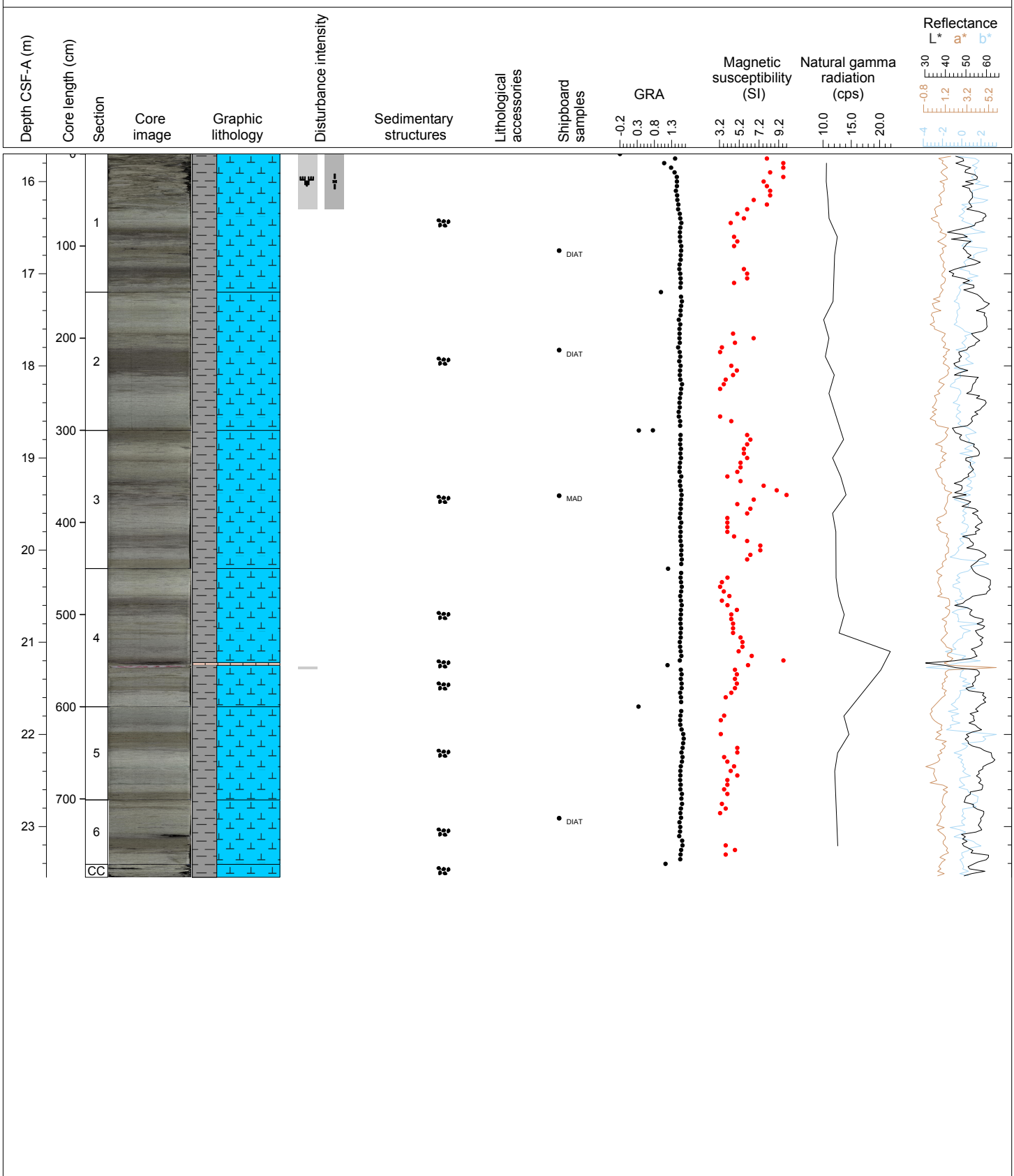
Hole 353-U1443C Core 3H, Interval 6.2-14.66 m (CSF-A)

Major Lithology: Light gray (5Y 5/1) CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS. Minor Lithology: Gray VOLCANIC ASH layers in Section 2, 3 and 4.  
 General Comments: Mottling with paler gray colors is observed and small black blebs are visible throughout the core. Alternating gray shade variations may be related to glacial-interglacial cycles.



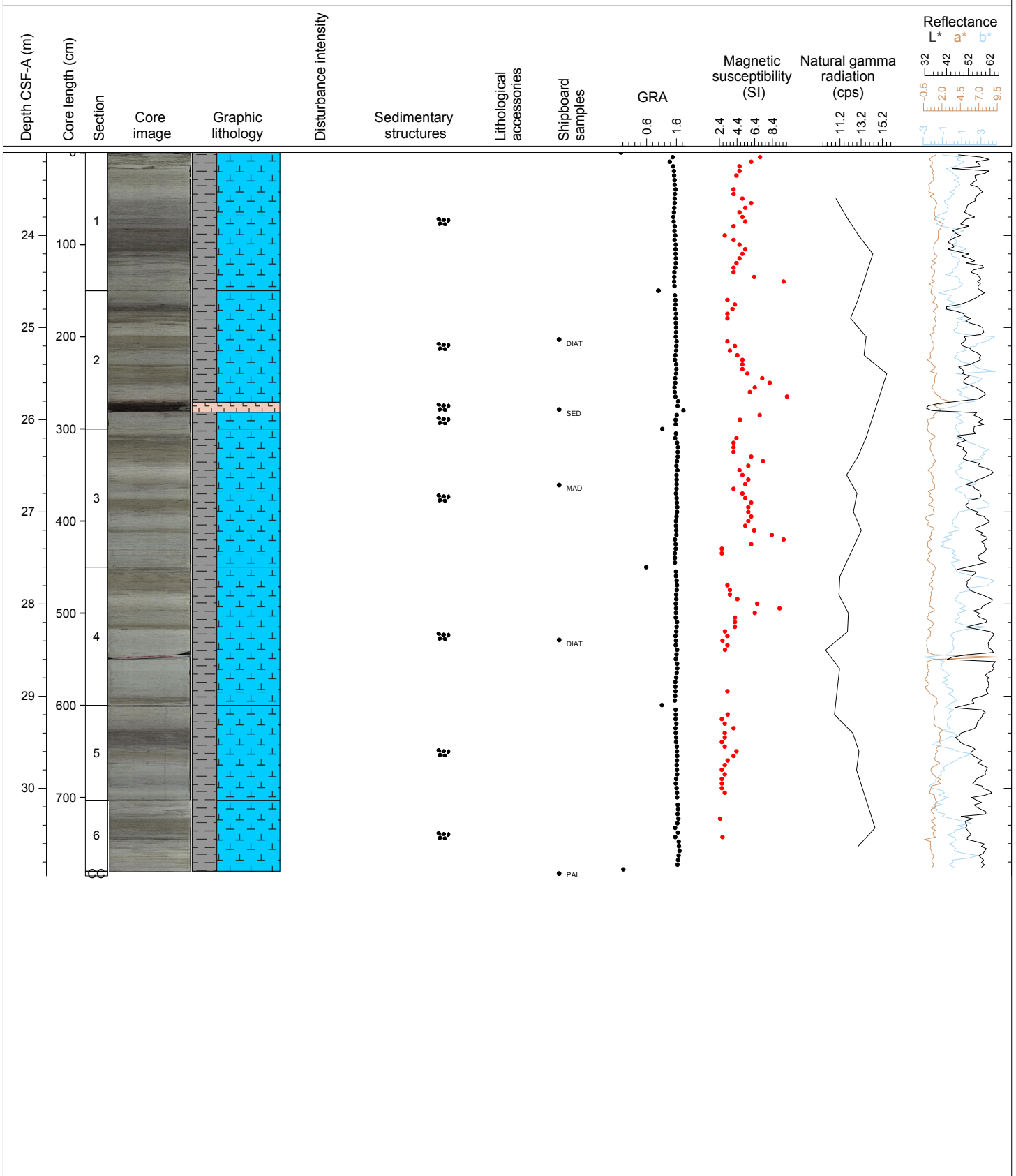
Hole 353-U1443C Core 4H, Interval 15.7-23.55 m (CSF-A)

Major Lithology: Light gray (GLEY 1 7/N) CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS. Minor Lithology: Gray VOLCANIC ASH layer in Section 4.  
 General Comments: Mottling with paler gray colors is observed and small black blebs are visible throughout the core. Alternating gray shade variations may be related to glacial-interglacial cycles. Drilling disturbance is minimal except for moderate mussel-like features in the top half of Section 1.



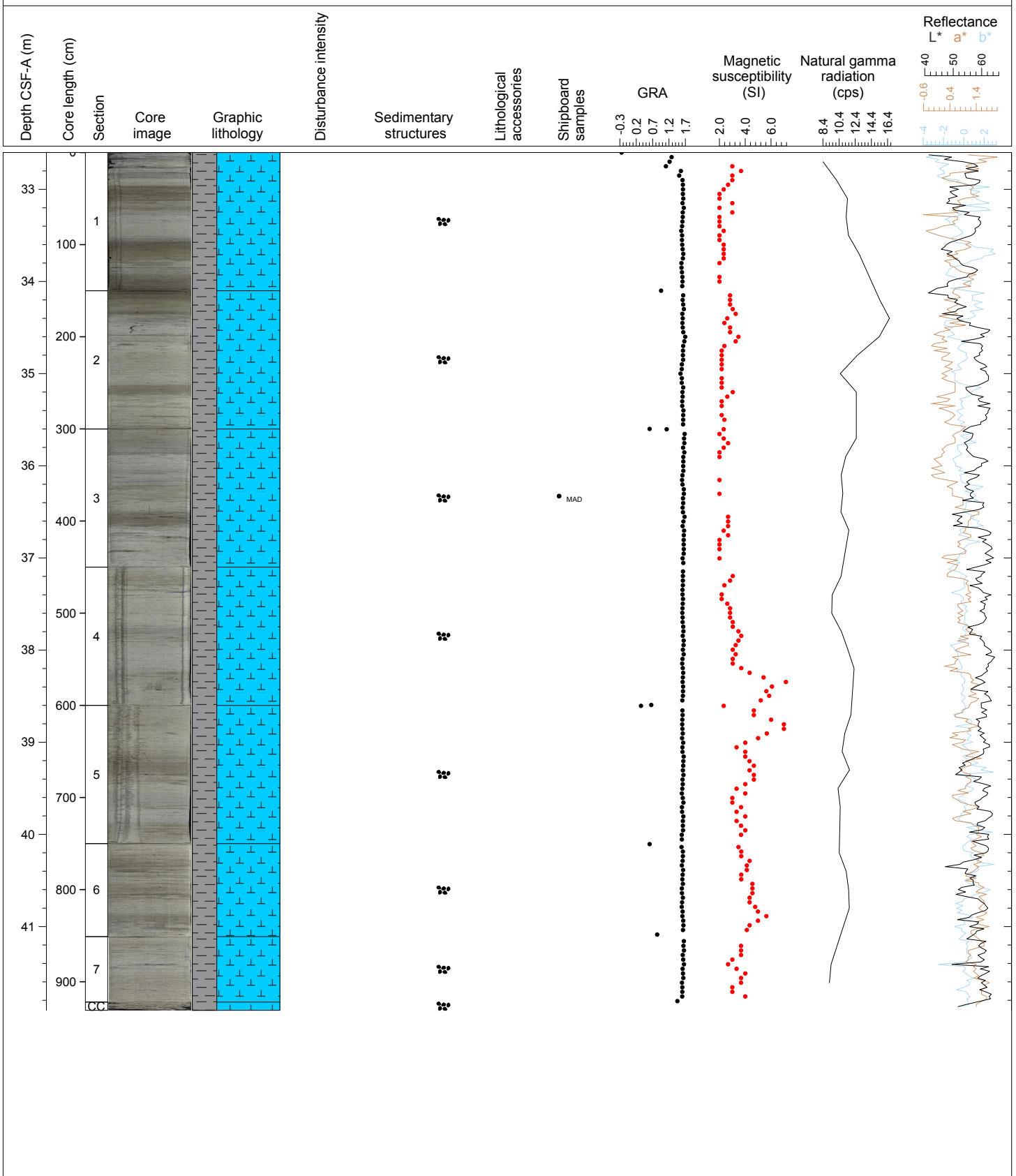
Hole 353-U1443C Core 5H, Interval 23.1-30.95 m (CSF-A)

Major Lithology: Light gray (GLEY 1 7/N) CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS. Minor Lithology: Gray VOLCANIC ASH layer in Section 2.  
 General Comments: Mottling with paler gray colors is observed and small black blebs are visible throughout the core. Alternating gray shade variations may be related to glacial-interglacial cycles.



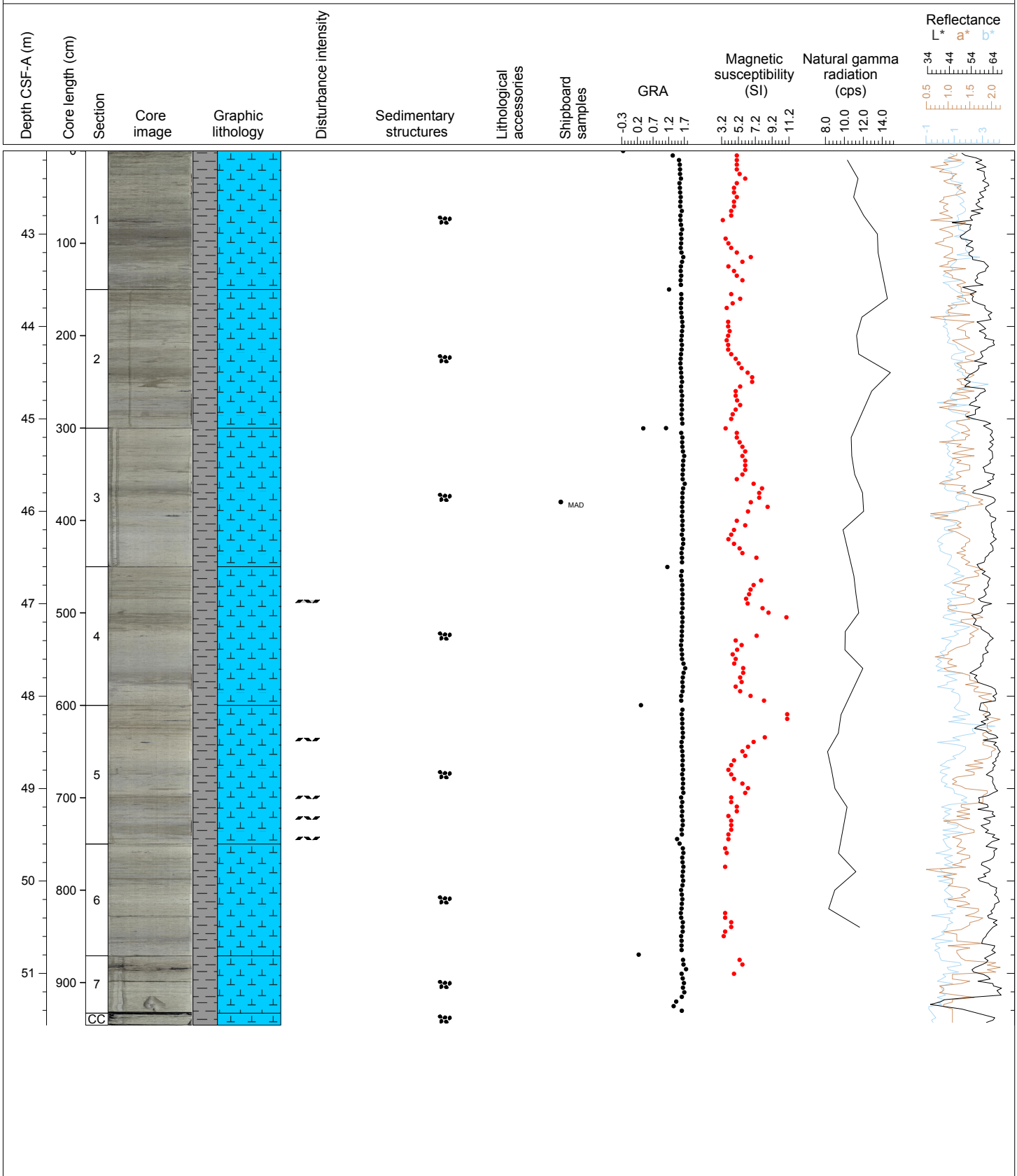
Hole 353-U1443C Core 6H, Interval 32.6-41.91 m (CSF-A)

Major Lithology: Greenish light gray (GLEY 1 7/5GY) CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS. General Comments: Mottling with paler gray colors is observed and small black blebs are visible throughout the core. Alternating gray shade variations may be related to glacial-interglacial cycles.



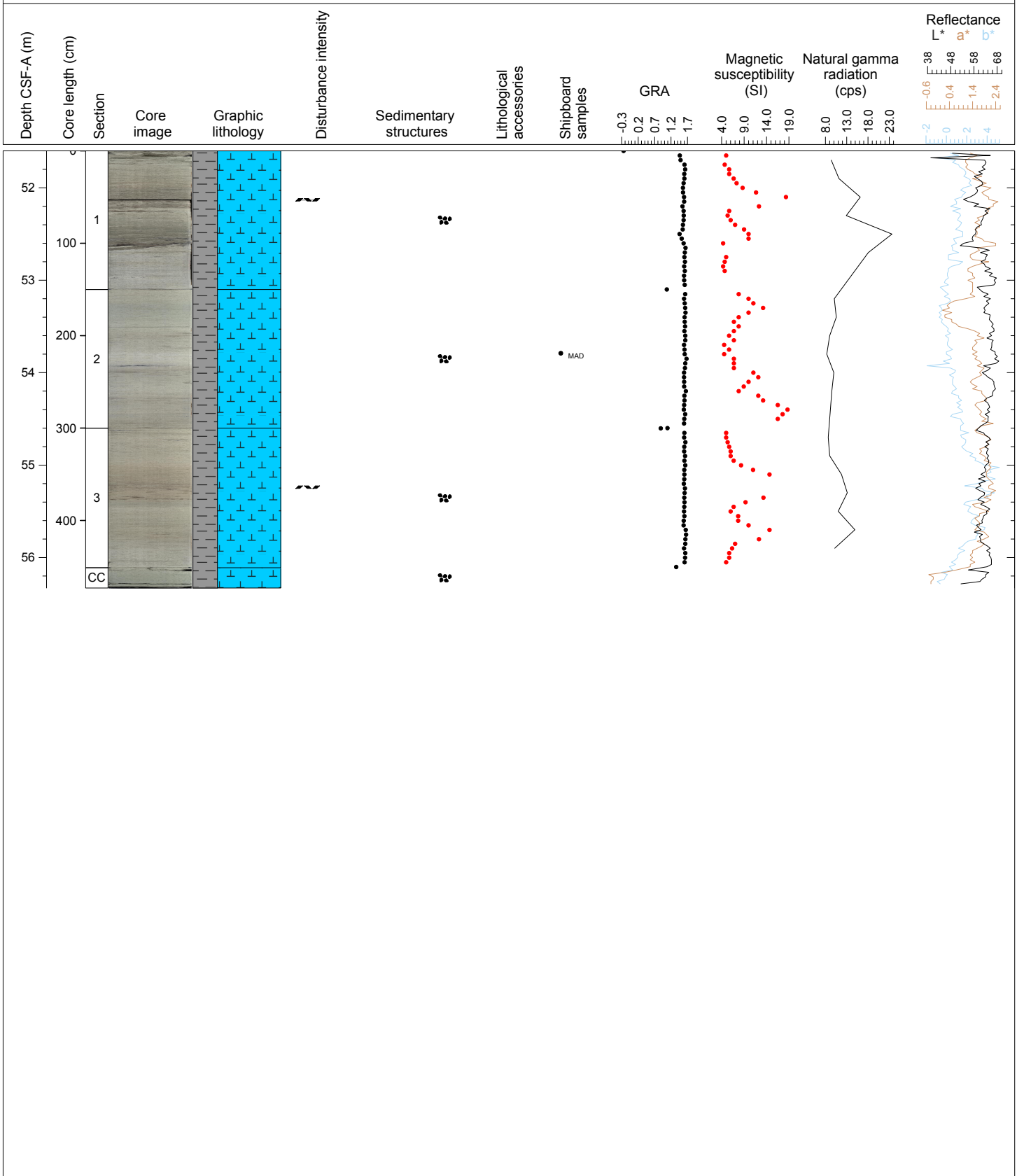
Hole 353-U1443C Core 7H, Interval 42.1-51.56 m (CSF-A)

Major Lithology: Greenish light gray (GLEY 1 7/5GY) CLAYEY NANNOFOSSIL OOZE. General Comments: Mottling with paler gray colors is observed and small black blebs are visible throughout the core.



Hole 353-U1443C Core 8H, Interval 51.6-56.33 m (CSF-A)

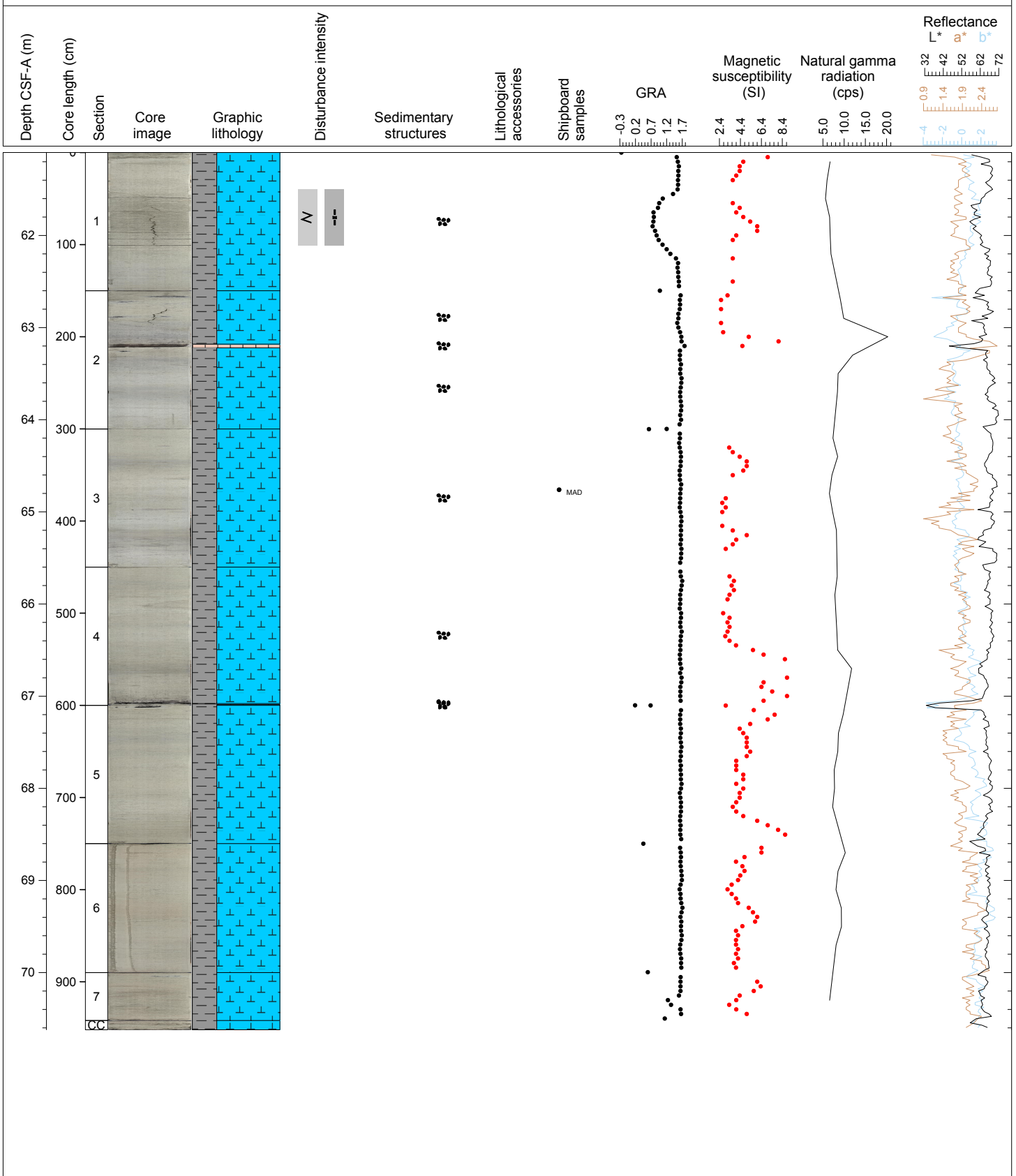
Major Lithology: Pale light gray (GLEY 1 8/N) to brownish gray (2.5YR 7/1) CLAYEY NANNOFOSSIL OOZE. General Comments: Color gradation from Section 1 to Corecatcher observed. Mottling with darker gray colors is observed and small black blebs are visible throughout the core.





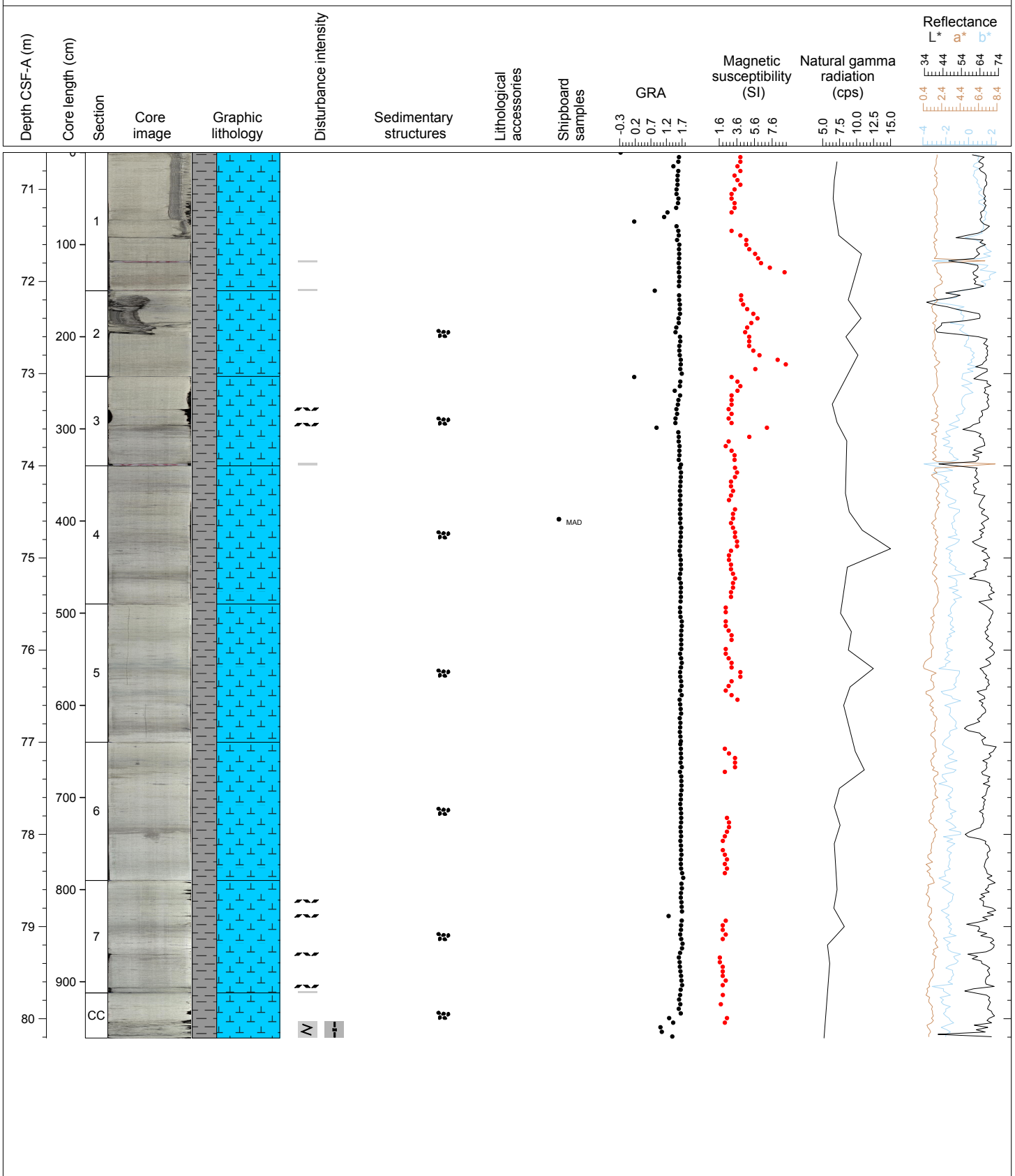
Hole 353-U1443C Core 9H, Interval 61.1-70.62 m (CSF-A)

Major Lithology: Light greenish gray (GLEY 1 8/5GY) CLAYEY NANNOFOSSIL OOZE. Minor Lithology: Gray VOLCANIC ASH layer in Section 2 and 4. General Comments: Faint color variation all along the core. Mottling with darker gray colors is observed and small black blebs or dots are visible throughout the core.



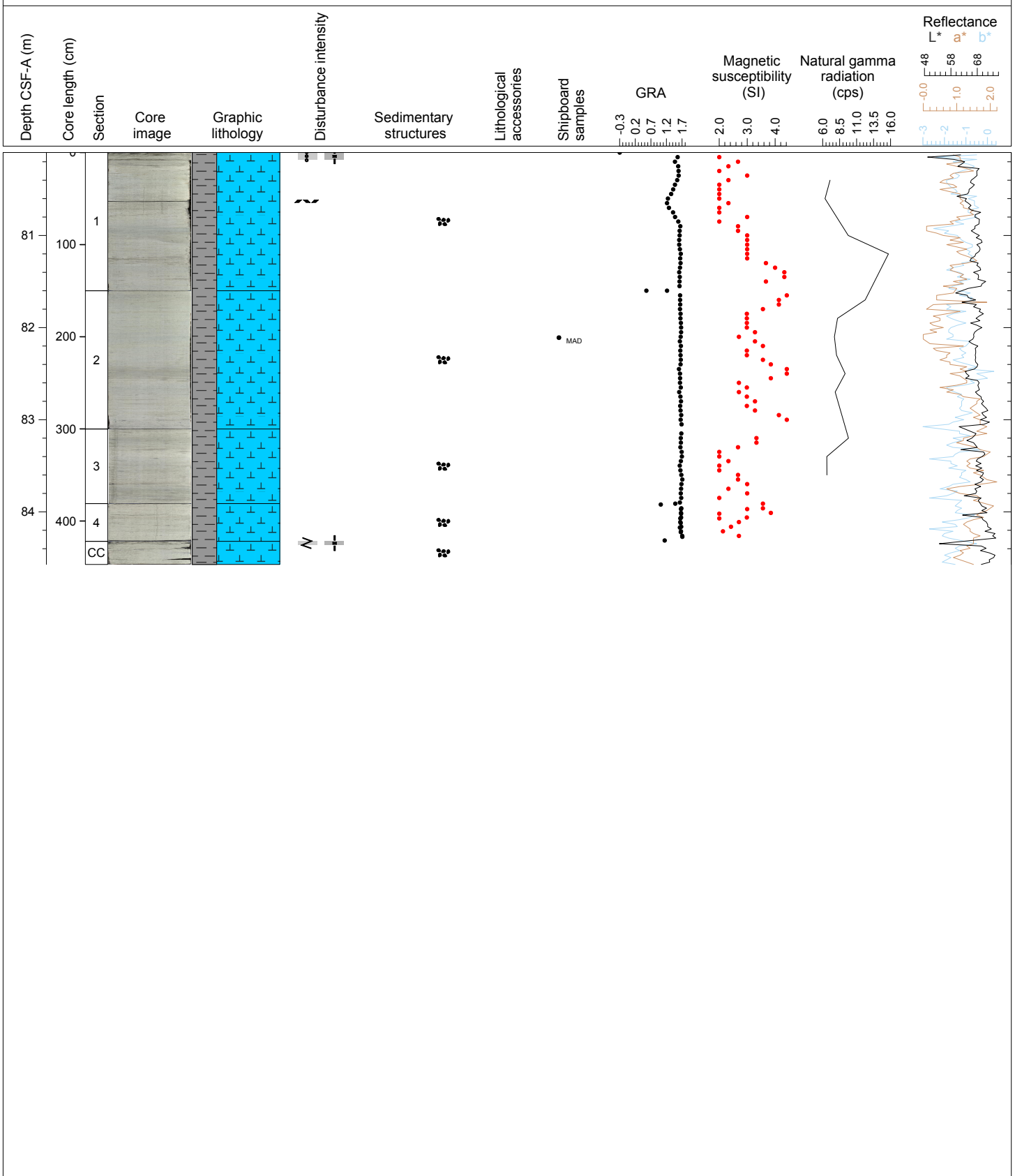
Hole 353-U1443C Core 10H, Interval 70.6-80.21 m (CSF-A)

Major Lithology: Light greenish gray (GLEY 1 8/5GY) CLAYEY NANNOFOSSIL OOZE. General Comments: Faint color variations all along the core. Mottling with darker gray colors is observed and small black blebs or dots are visible throughout the core.



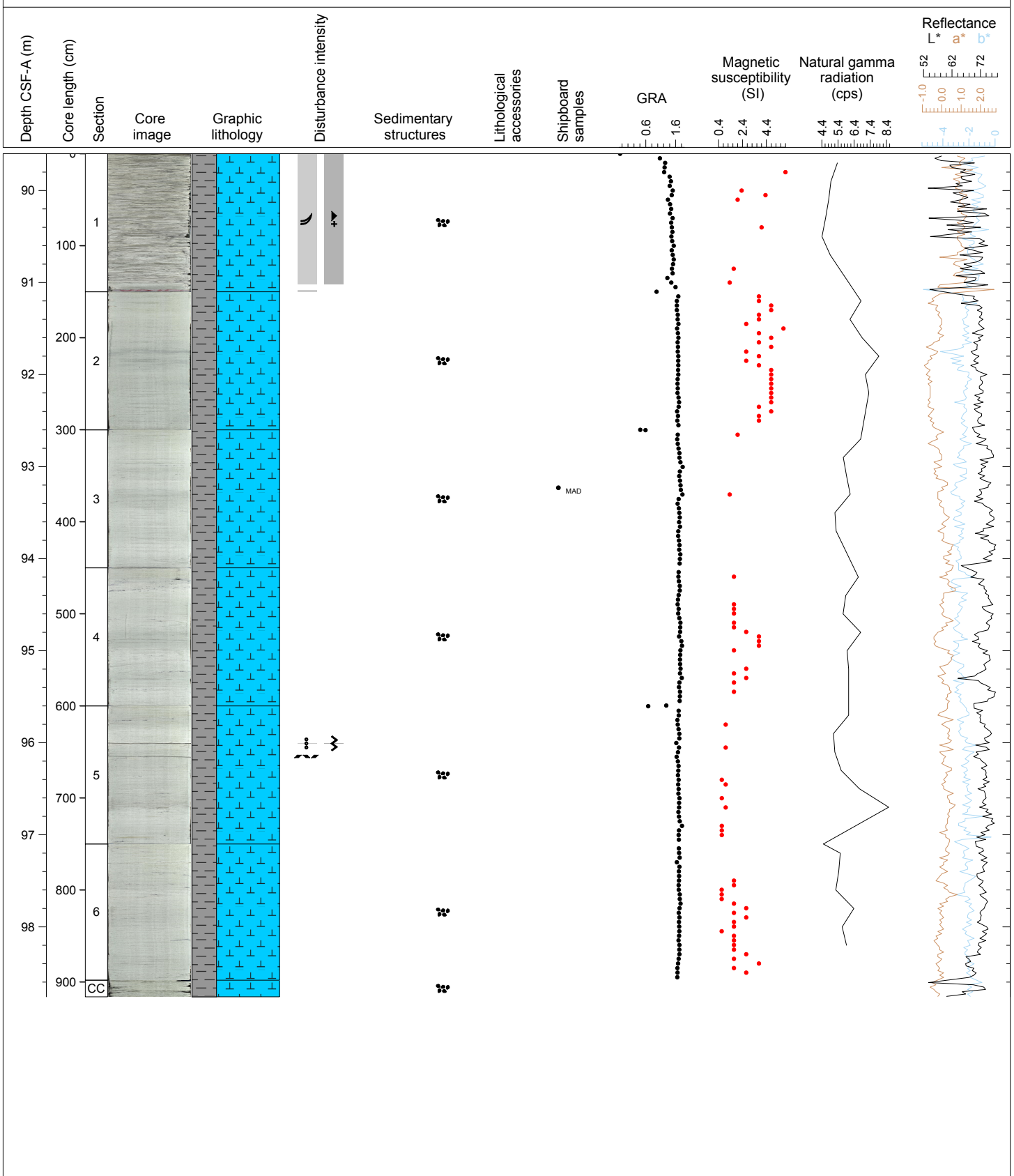
Hole 353-U1443C Core 11H, Interval 80.1-84.57 m (CSF-A)

Major Lithology: Light greenish gray (GLEY 1 8/5GY) CLAYEY NANNOFOSSIL OOZE. General Comments: Faint color variations all along the core. Mottling with darker gray colors is observed and small black blebs or dots are visible throughout the core.



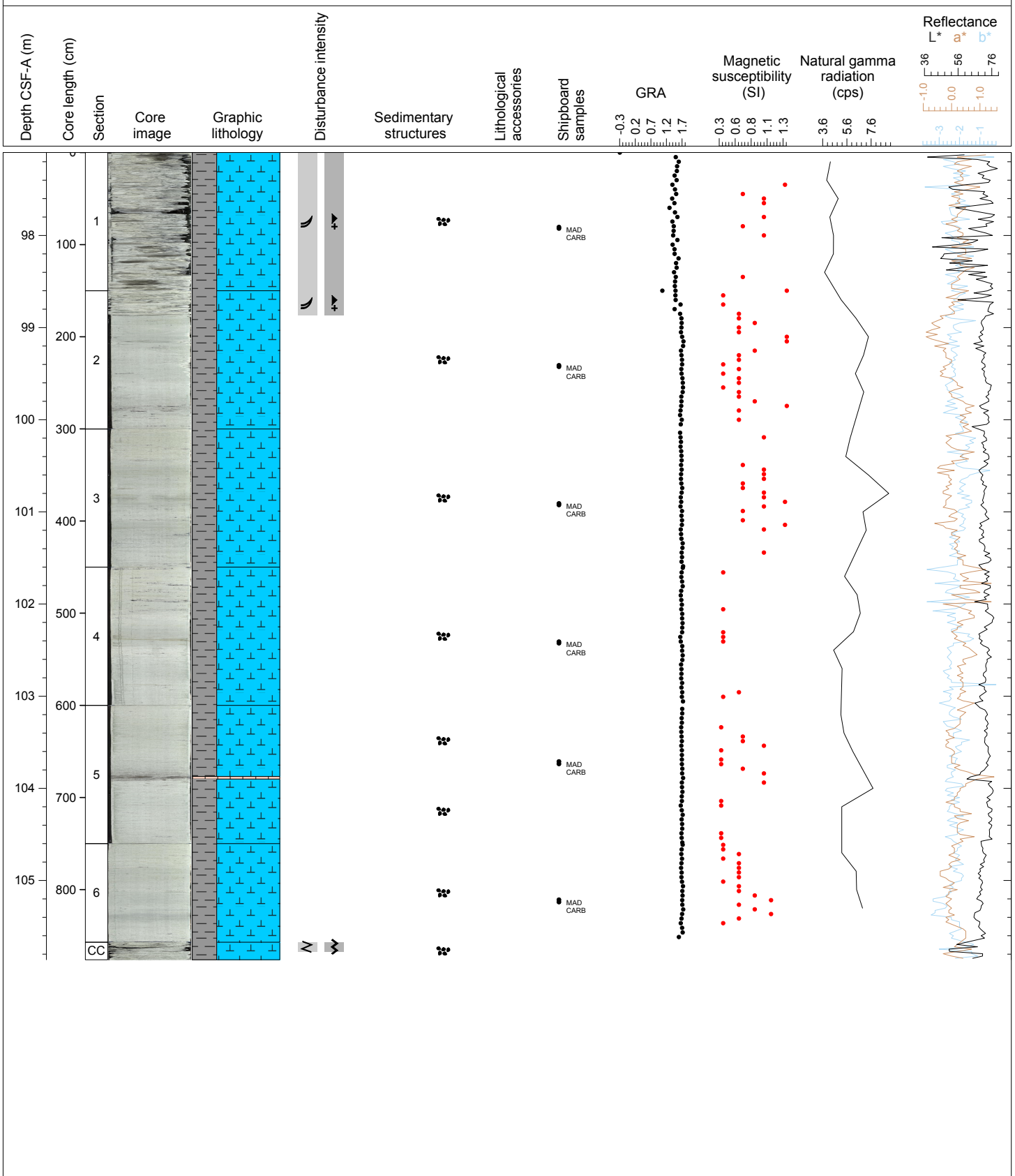
Hole 353-U1443C Core 12H, Interval 89.6-98.76 m (CSF-A)

Major Lithology: Light greenish gray (GLEY 1 8/5GY) CLAYEY NANNOFOSSIL OOZE. General Comments: Faint color variations all along the core. Mottling with darker gray colors is observed and small black blebs or dots are visible throughout the core. Destructive disturbance (fall-in) at top of the core (0 to 142 cm of Section 1).



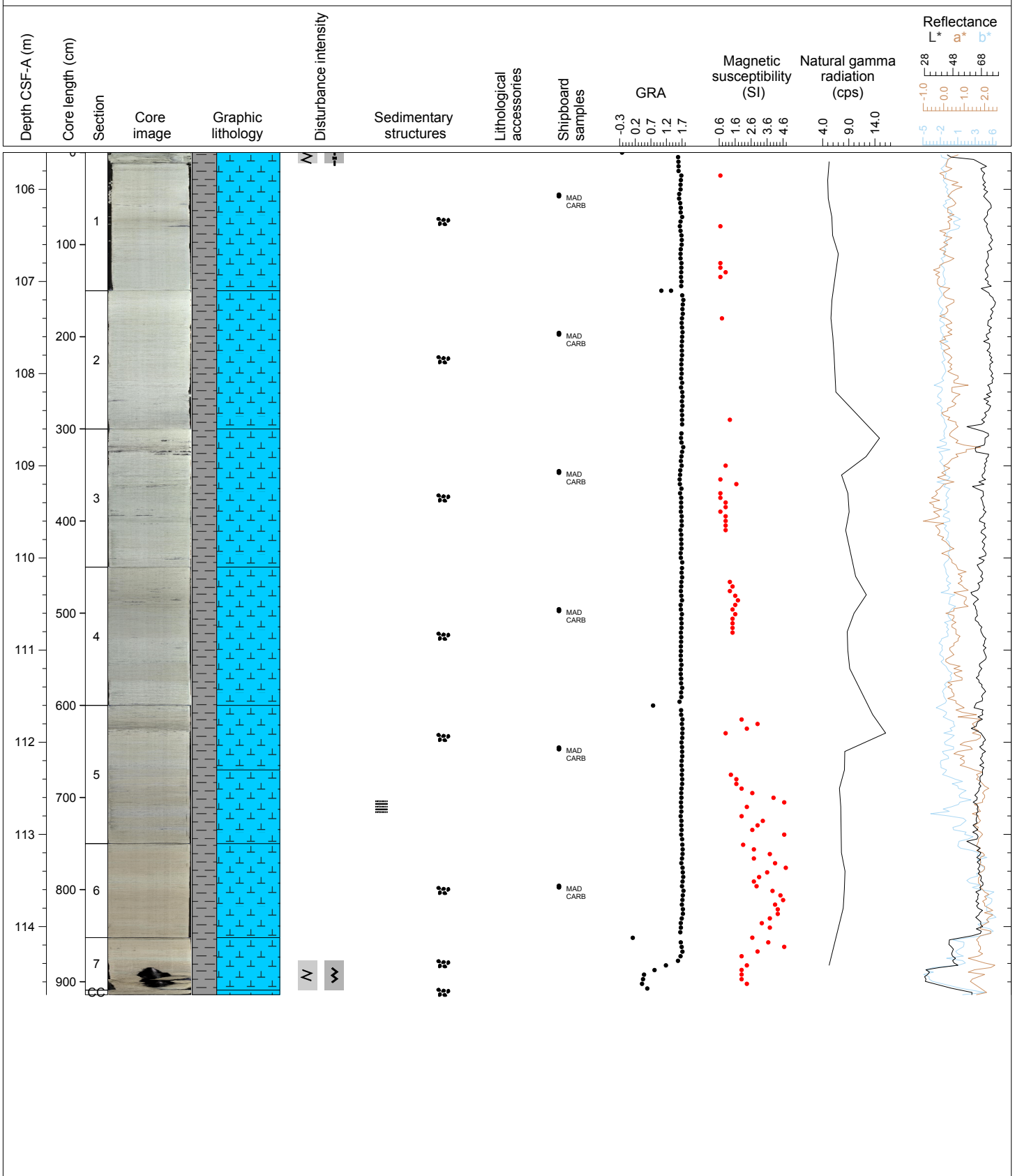
Hole 353-U1443C Core 13H, Interval 97.1-105.86 m (CSF-A)

Major Lithology: Light greenish gray (GLEY 1 8/5GY) CLAYEY NANNOFOSSIL OOZE. General Comments: Very faint color variations all along the core. Mottling with darker gray colors is observed and small black dots are visible throughout the core. Destructive disturbance (fall-in) at top of the core (Section 1 and 0-27 cm of Section 2).



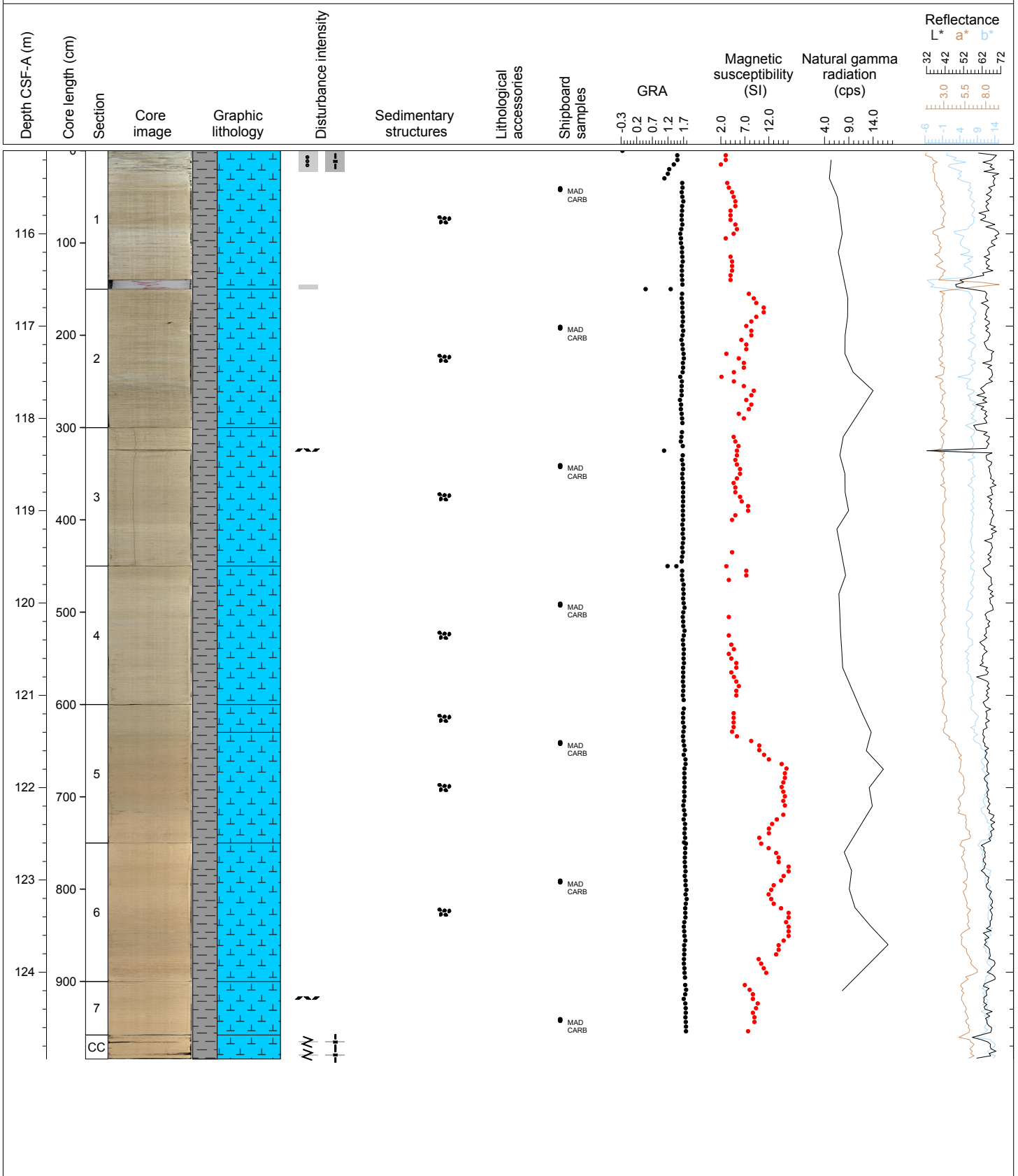
Hole 353-U1443C Core 15H, Interval 105.6-114.74 m (CSF-A)

Major Lithology: Light greenish gray (GLEY 1 8/5GY) to pale brown (2.5Y 8/1) CLAYEY NANNOFOSSIL OOZE. General Comments: Very faint color variations all along the core. Mottling with darker gray colors is observed and small black blebs or dots are visible throughout the core. The color of sediment gradually changes from GLEY1 8/5GY to 2.5Y 8/1 with gray (ash ?) banding in Section 5.



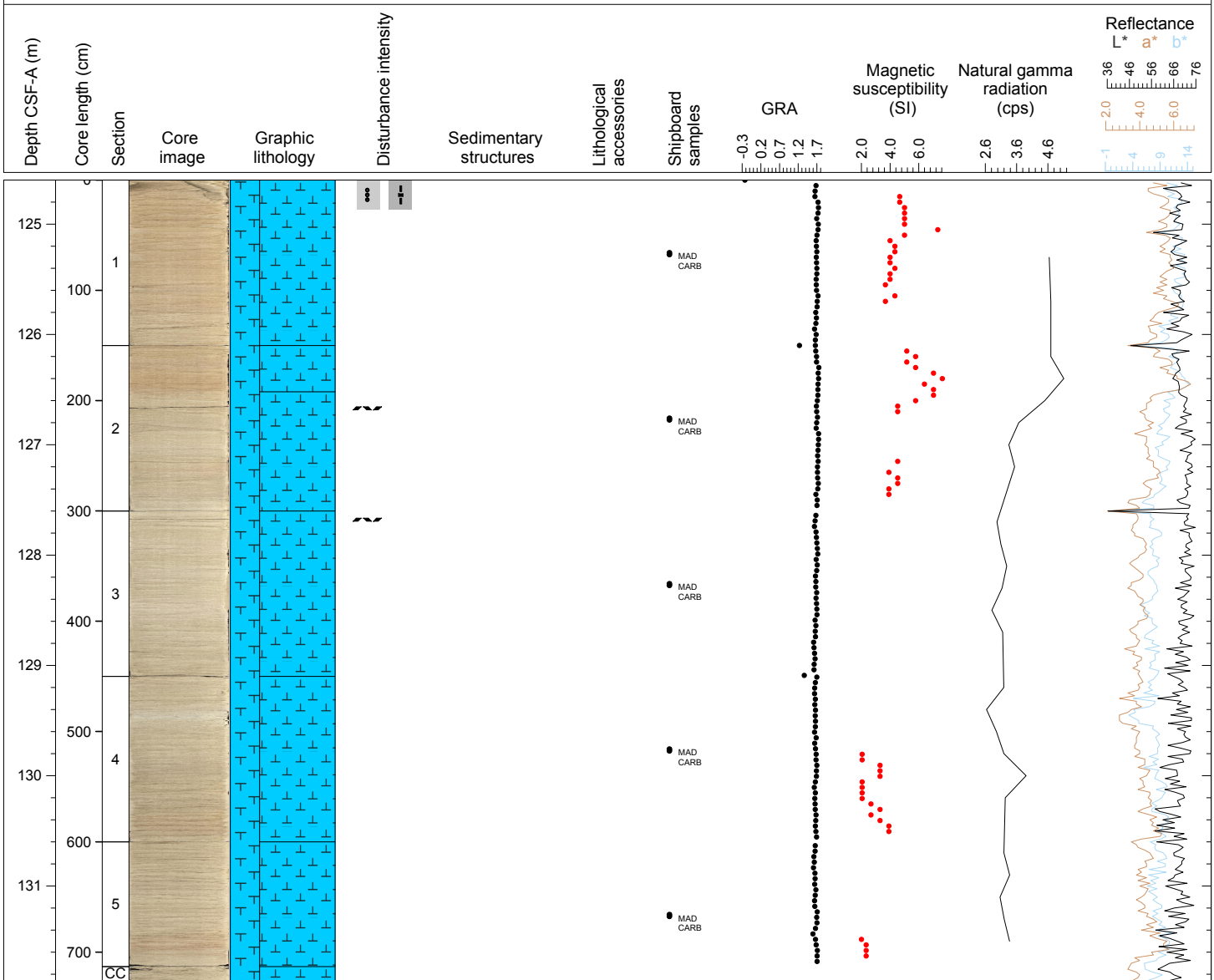
Hole 353-U1443C Core 16H, Interval 115.1-124.94 m (CSF-A)

Major Lithology: Pale brown (2.5Y 8/1 to 10YR 8/3) CLAYEY NANNOFOSSIL Ooze. General Comments: Very faint color variations all along the core. Mottling with darker gray colors is observed and small dots are visible throughout the core.



Hole 353-U1443C Core 18H, Interval 124.6-131.86 m (CSF-A)

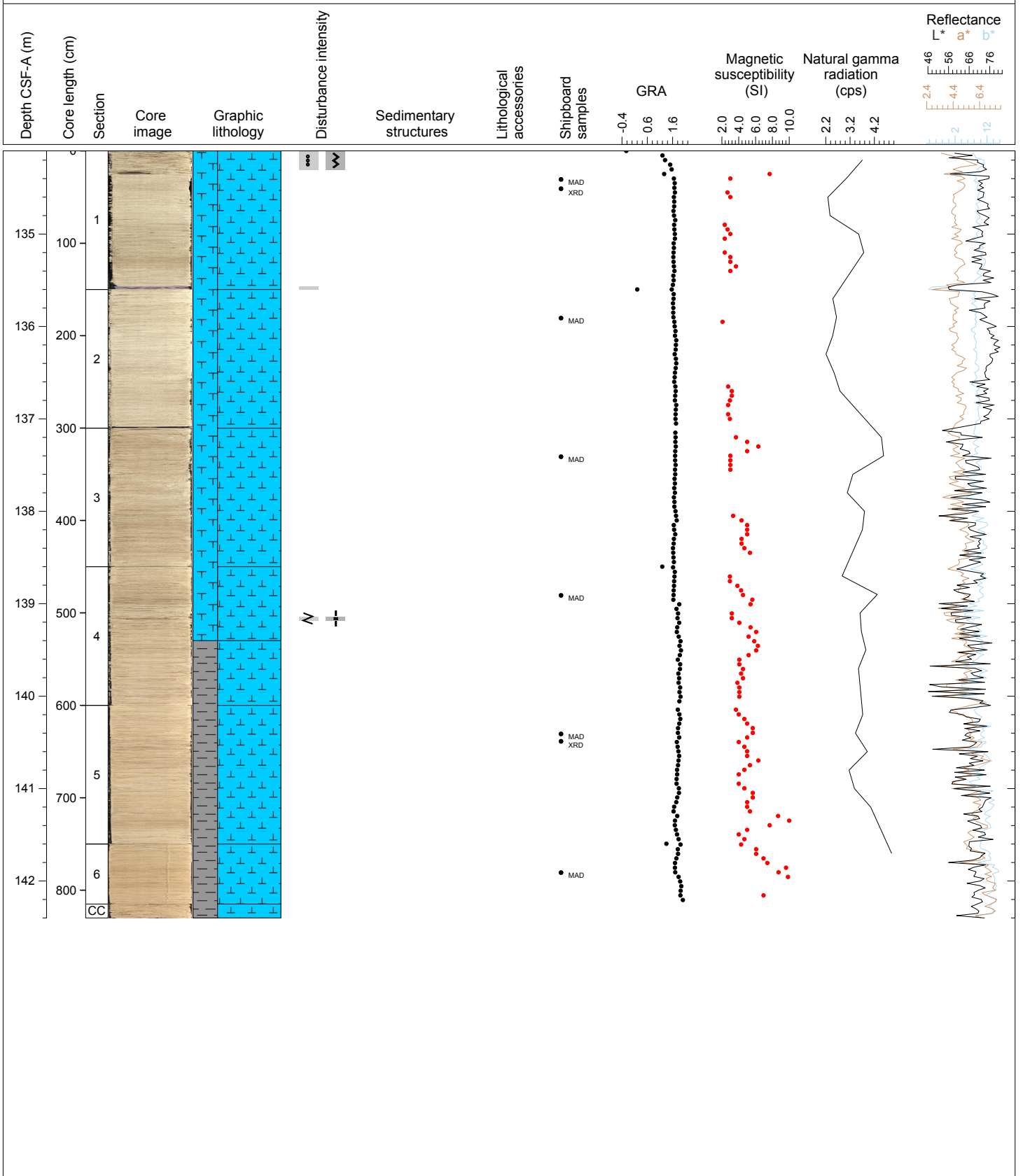
Major Lithology: Pale brown (10YR 8/3) to white (10YR 9/1) FORAMINIFERS rich NANNOFOSSIL OOZE General Comments: Faint color variations all along the core.





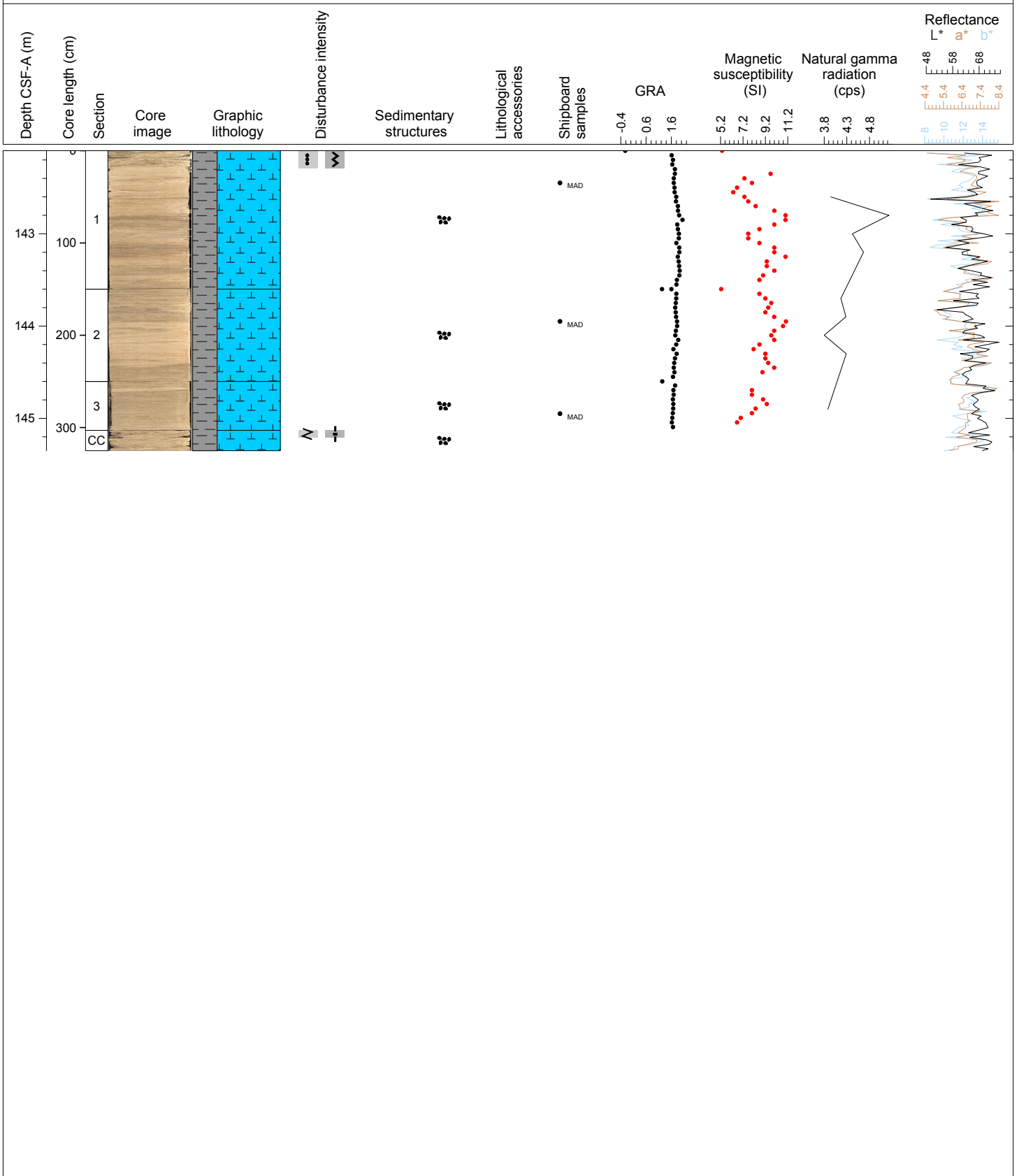
Hole 353-U1443C Core 19H, Interval 134.1-142.4 m (CSF-A)

Major Lithology: White (10YR 9/1) FORAMINIFERS rich NANNOFOSSIL OOZE to pale brown (10YR 8/3) CLAYEY NANNOFOSSIL OOZE. General Comments: Faint color variations all along the core.



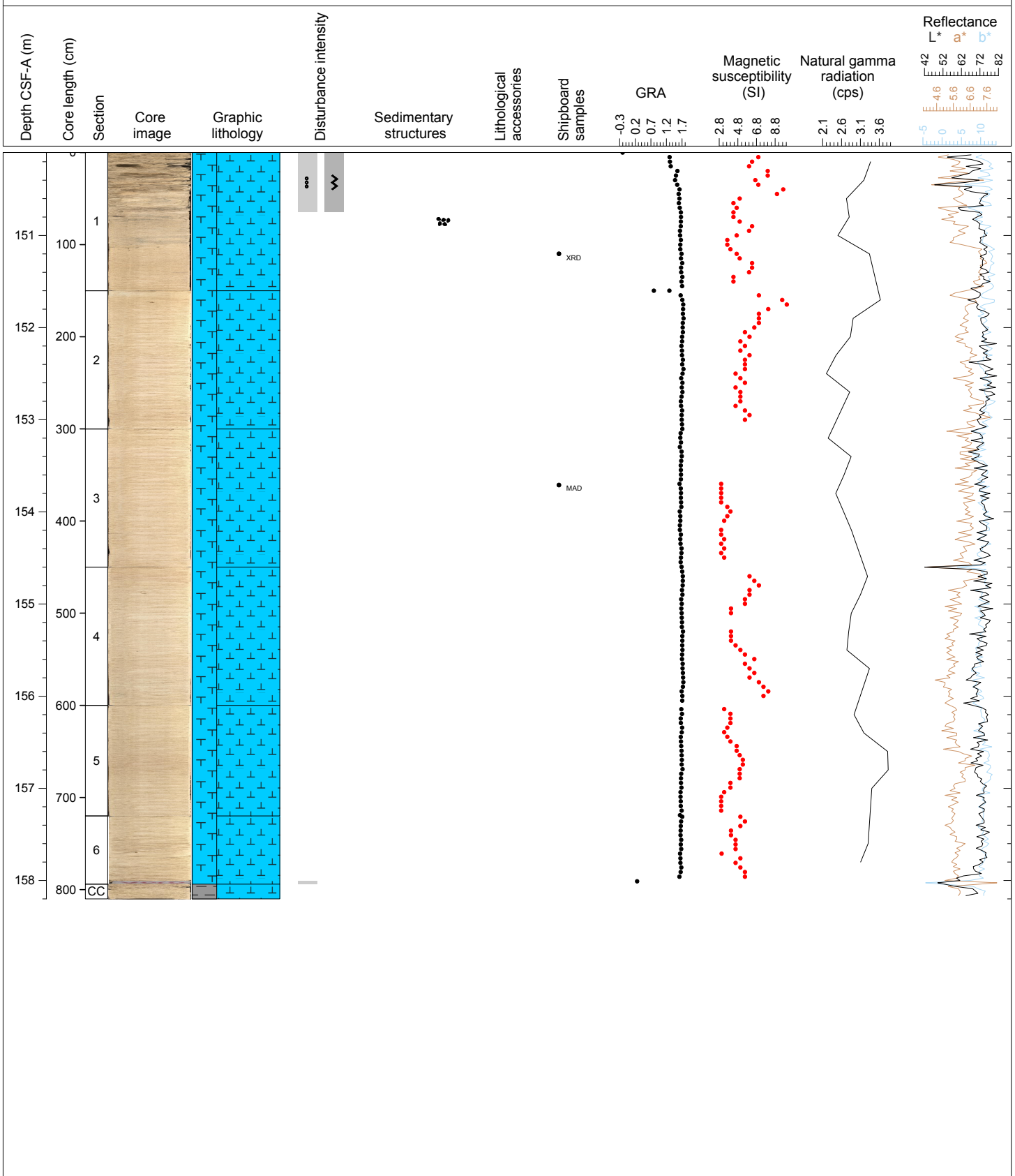
Hole 353-U1443C Core 20H, Interval 142.1-145.35 m (CSF-A)

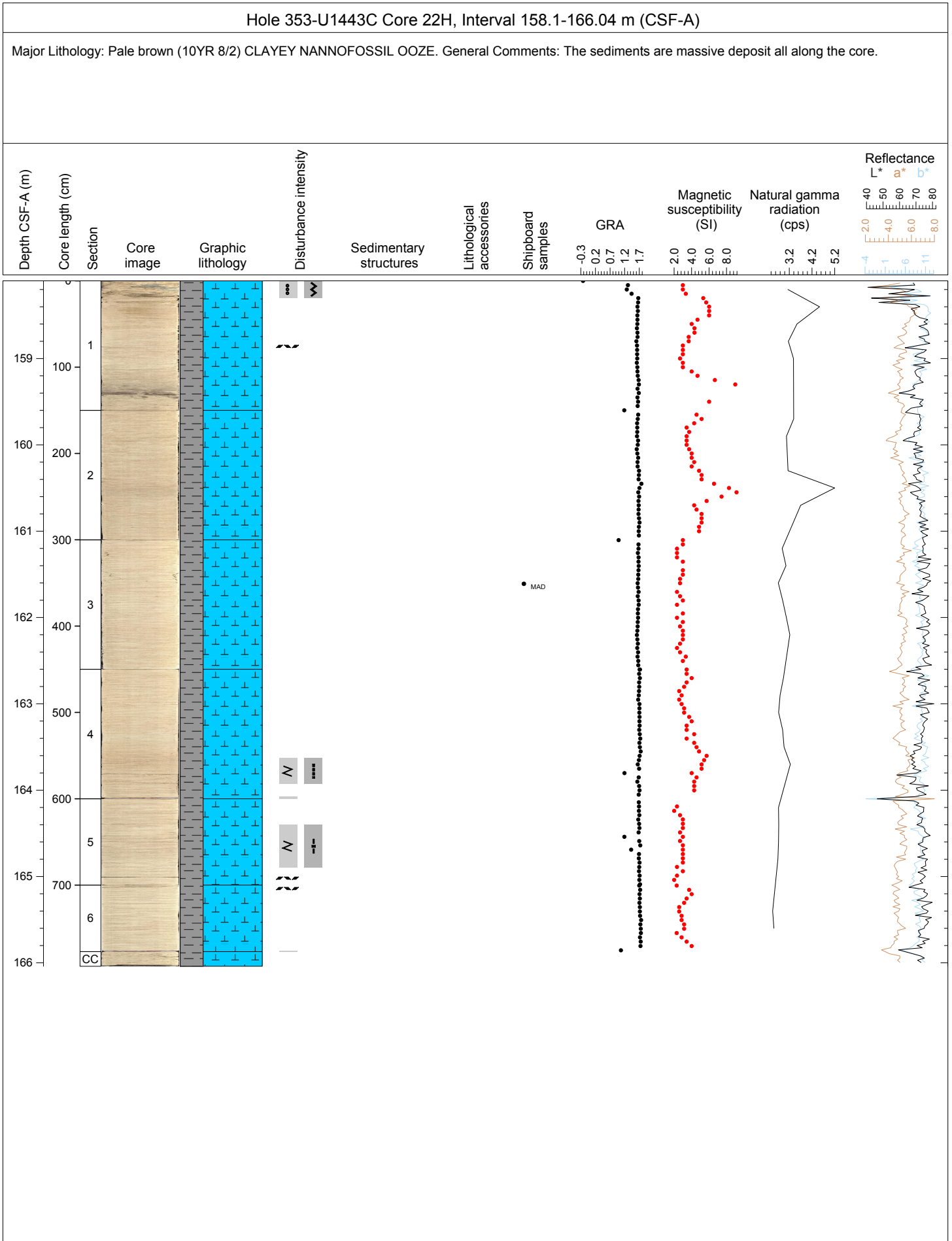
Major Lithology: Pale brown (10YR 8/3) CLAYEY NANNOFOSSIL OOZE. General Comments: Faint color variations all along the core. Mottling with darker gray colors is observed and small black blebs are visible throughout the core.



Hole 353-U1443C Core 21H, Interval 150.1-158.2 m (CSF-A)

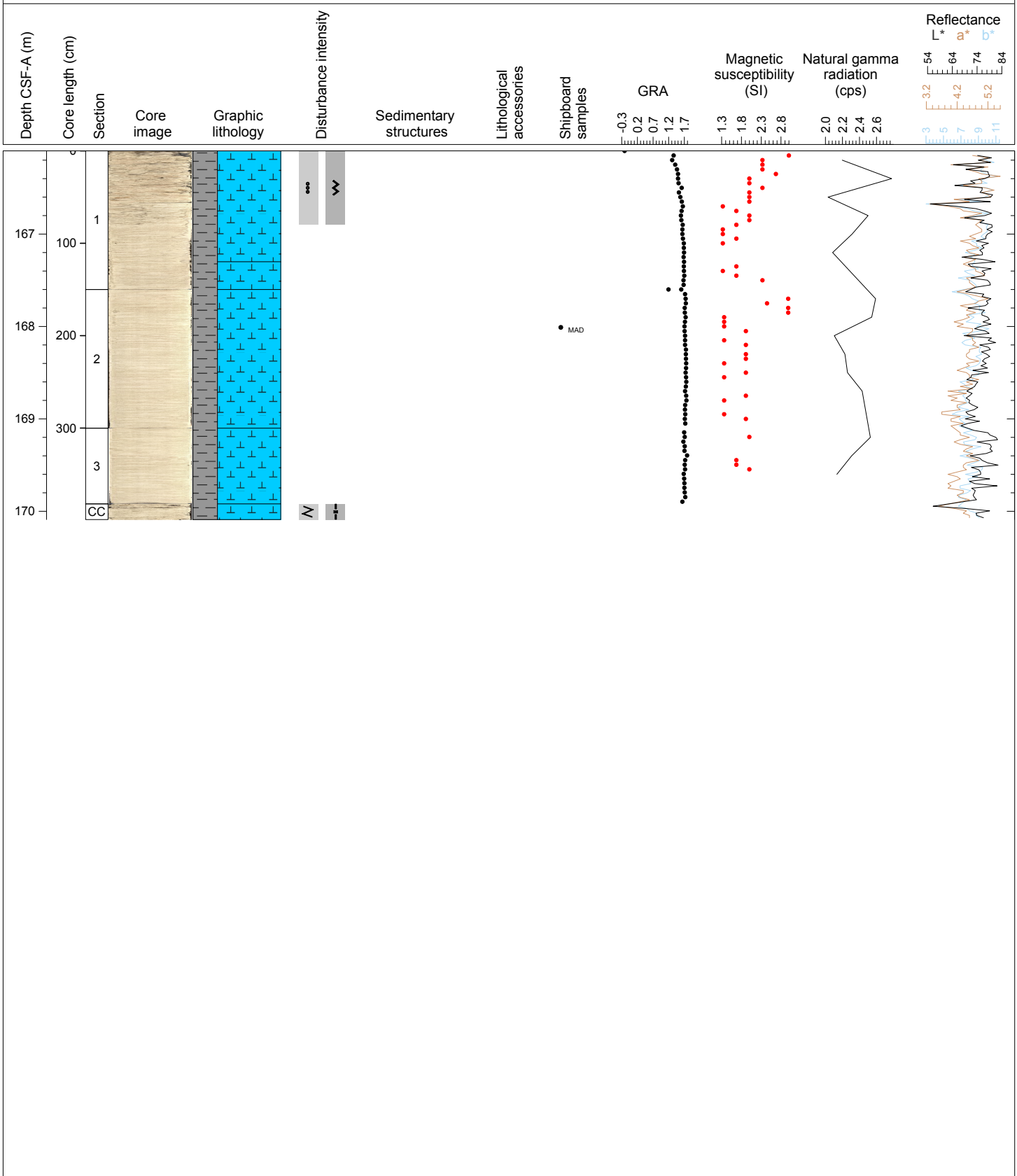
Major Lithology: Pale brown (10YR 8/2) FORAMINIFERS rich NANNOFOSSIL OOZE with CLAY and CLAYEY NANNOFOSSIL OOZE. General Comments: Mottling with darker gray colors is observed and black blebs are visible in Section 1. The sediments are massive deposit in Section 2 to CC.





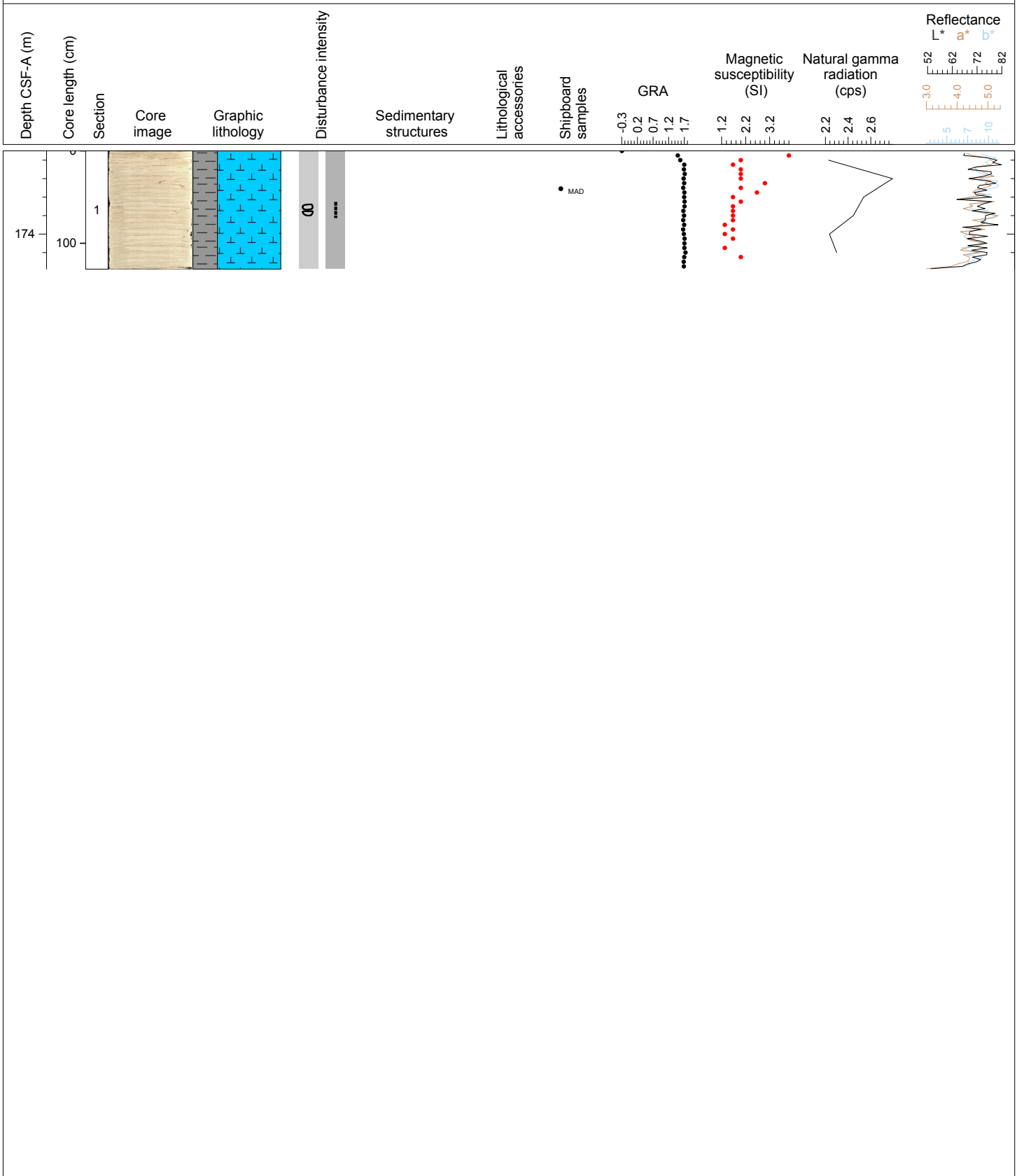
Hole 353-U1443C Core 23H, Interval 166.1-170.09 m (CSF-A)

Major Lithology: Pale brown (10YR 8/2 to 10YR 9.5/1) CLAYEY NANNOFOSSIL OOZE. General Comments: The sediments are massive deposit all along the core.



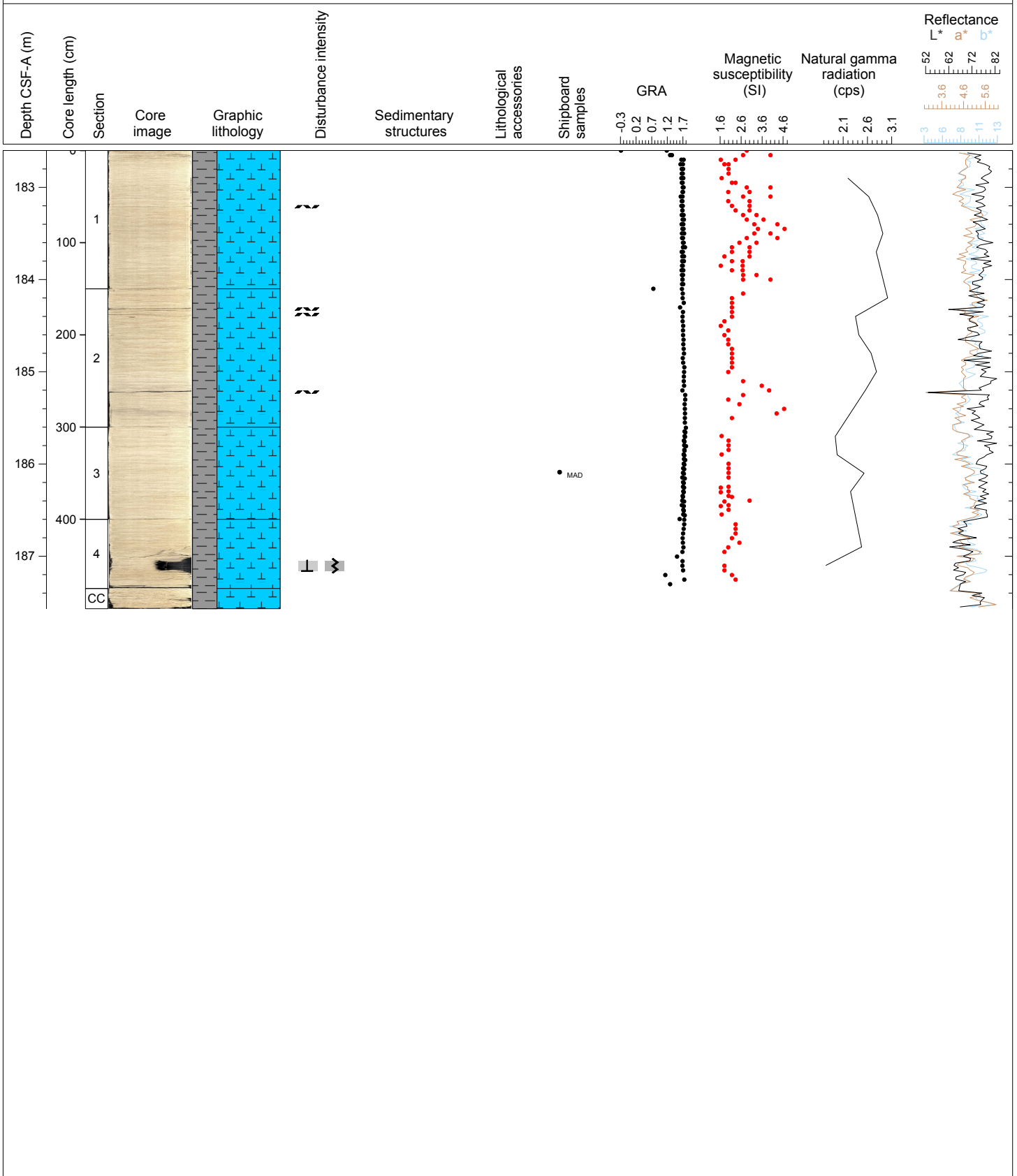
Hole 353-U1443C Core 24H, Interval 173.1-174.38 m (CSF-A)

Major Lithology: Pale brown (10YR 8/2 to 10YR 9.5/1) CLAYEY NANNOFOSSIL OOZE. General Comments: The sediments are massive deposit all along the core.



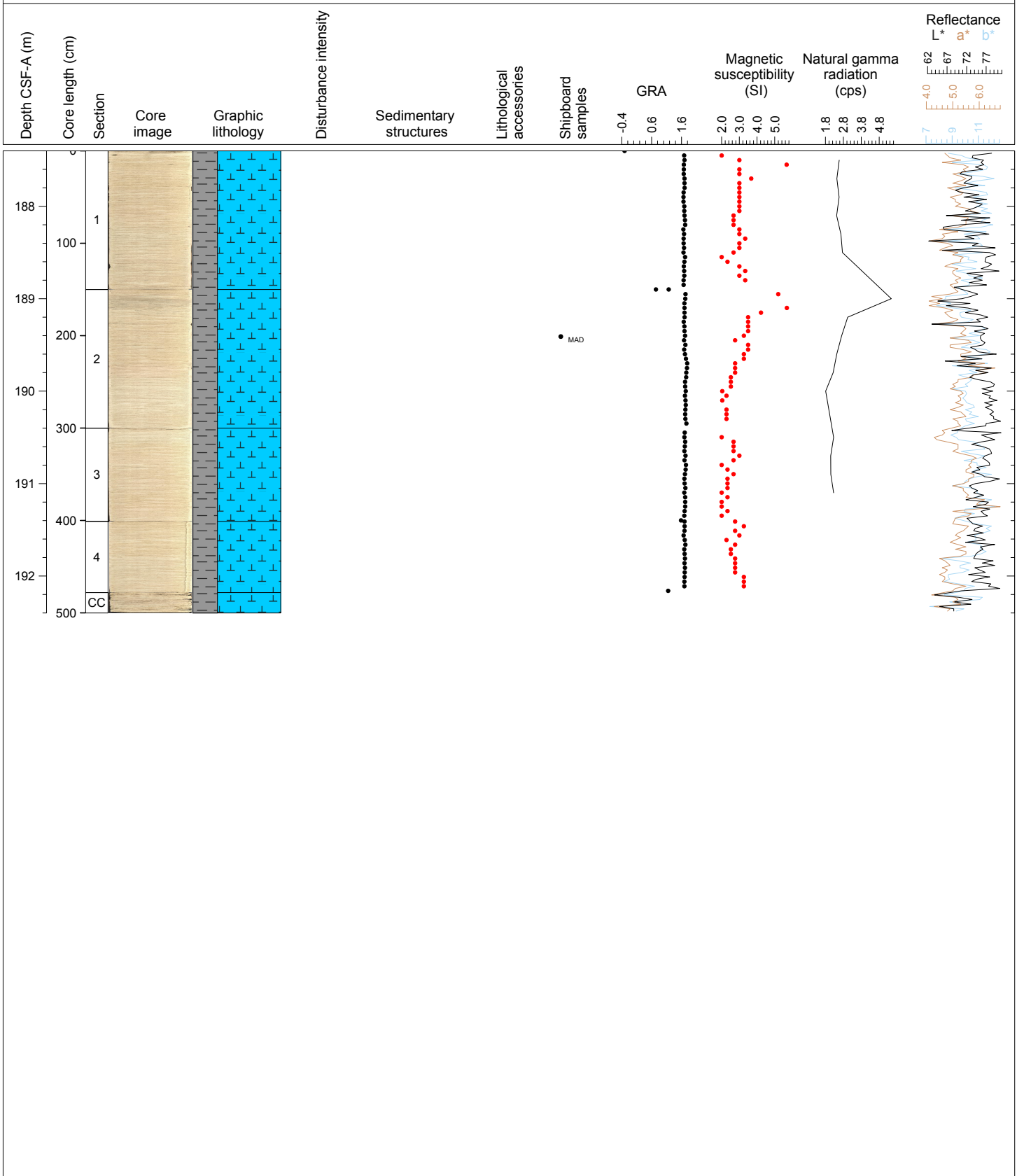
Hole 353-U1443C Core 25F, Interval 182.6-187.57 m (CSF-A)

Major Lithology: Creamy white (2.5Y 8.5/2) CLAYEY NANNOFOSSIL OOZE. General Comments: The sediment deposit is massive and homogeneous. Drilling disturbances are minimal except in Section 4.



Hole 353-U1443C Core 26F, Interval 187.4-192.4 m (CSF-A)

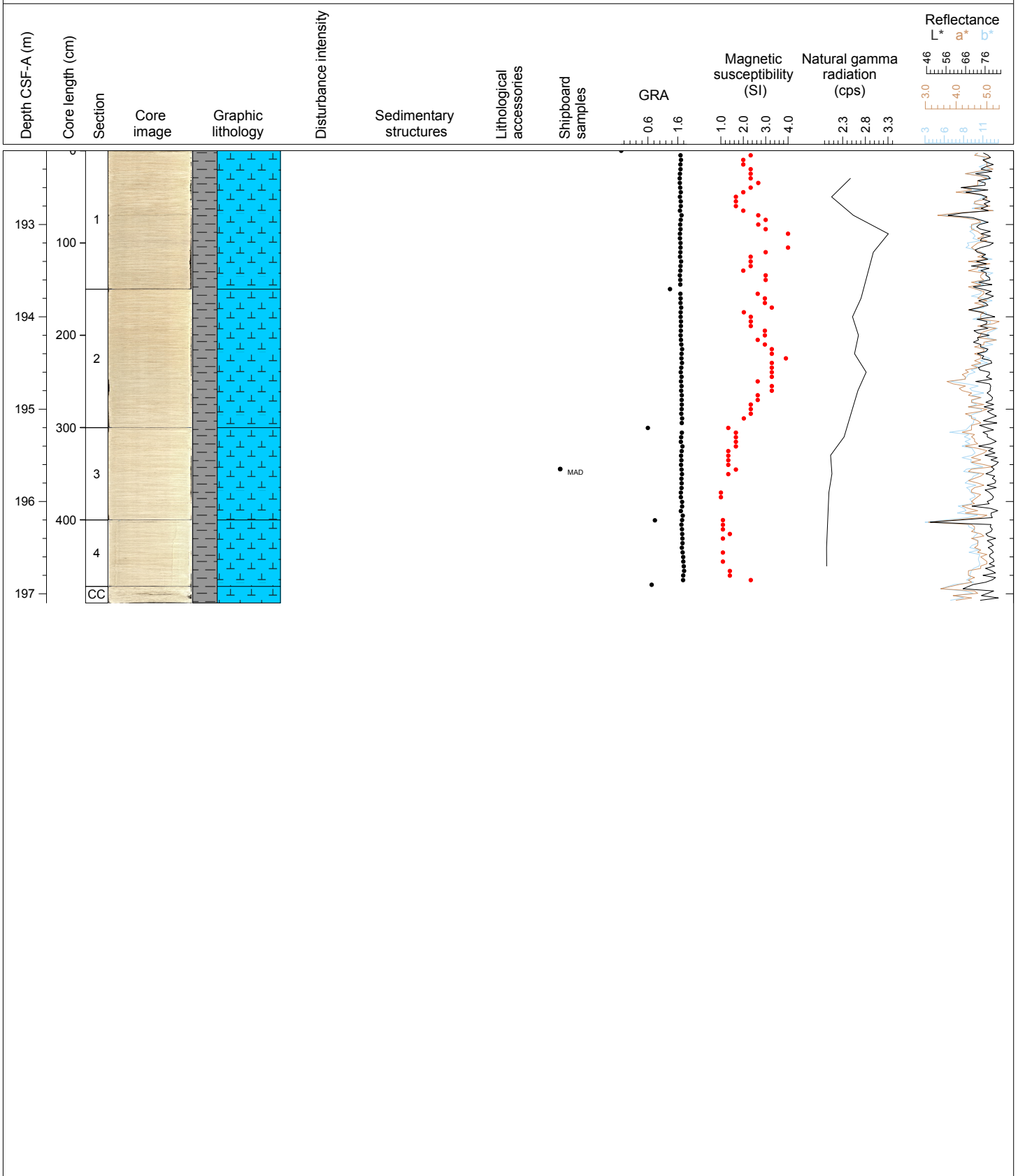
Major Lithology: Creamy white (2.5Y 8.5/2) CLAYEY NANNOFOSSIL OOZE. General Comments: The sediment deposit is massive and homogeneous. Drilling disturbances are minimal.





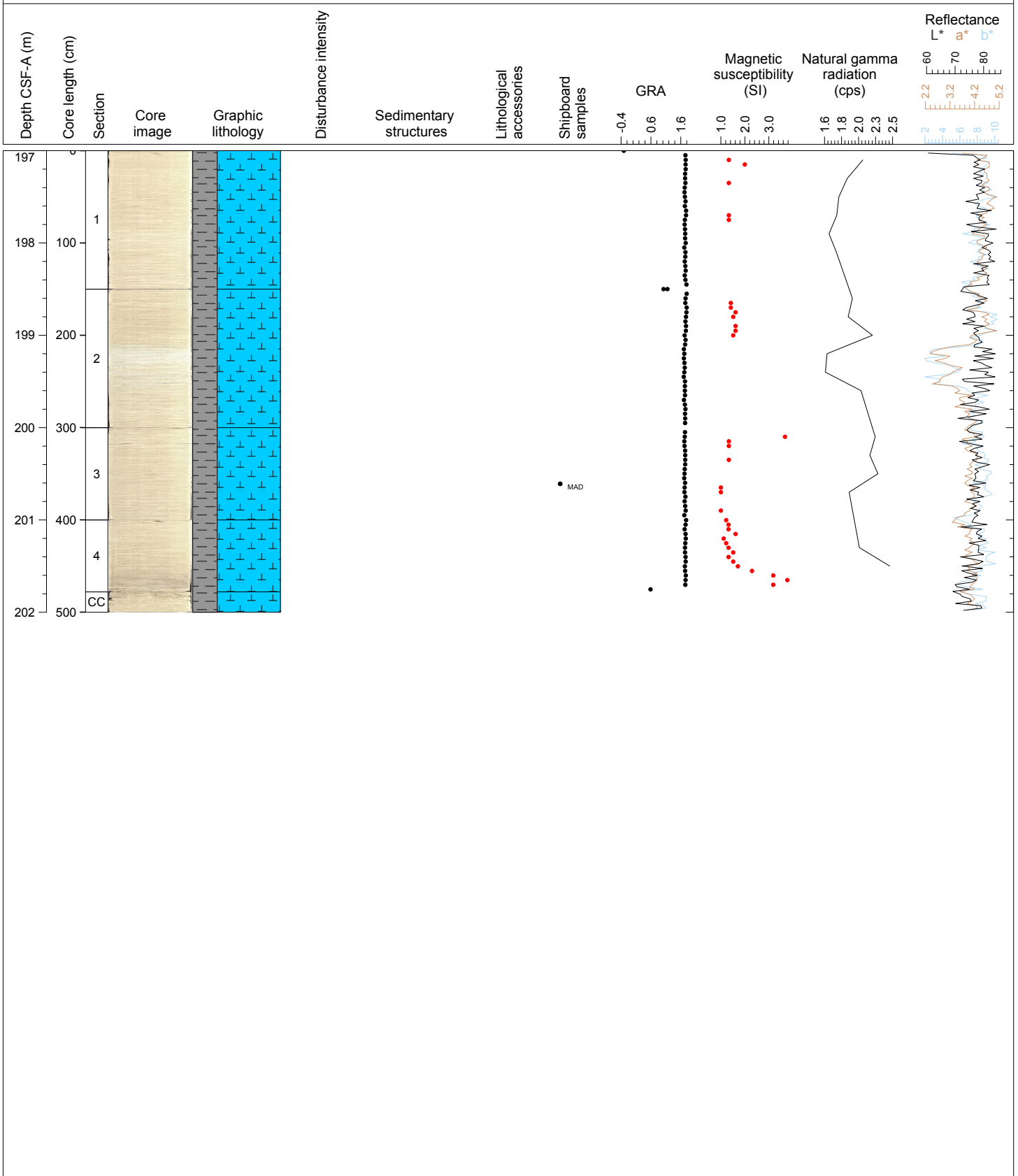
Hole 353-U1443C Core 27F, Interval 192.2-197.1 m (CSF-A)

Major Lithology: Creamy white (2.5Y 8.5/2) CLAYEY NANNOFOSSIL OOZE. General Comments: The sediment deposit is massive and homogeneous. Drilling disturbances are minimal.



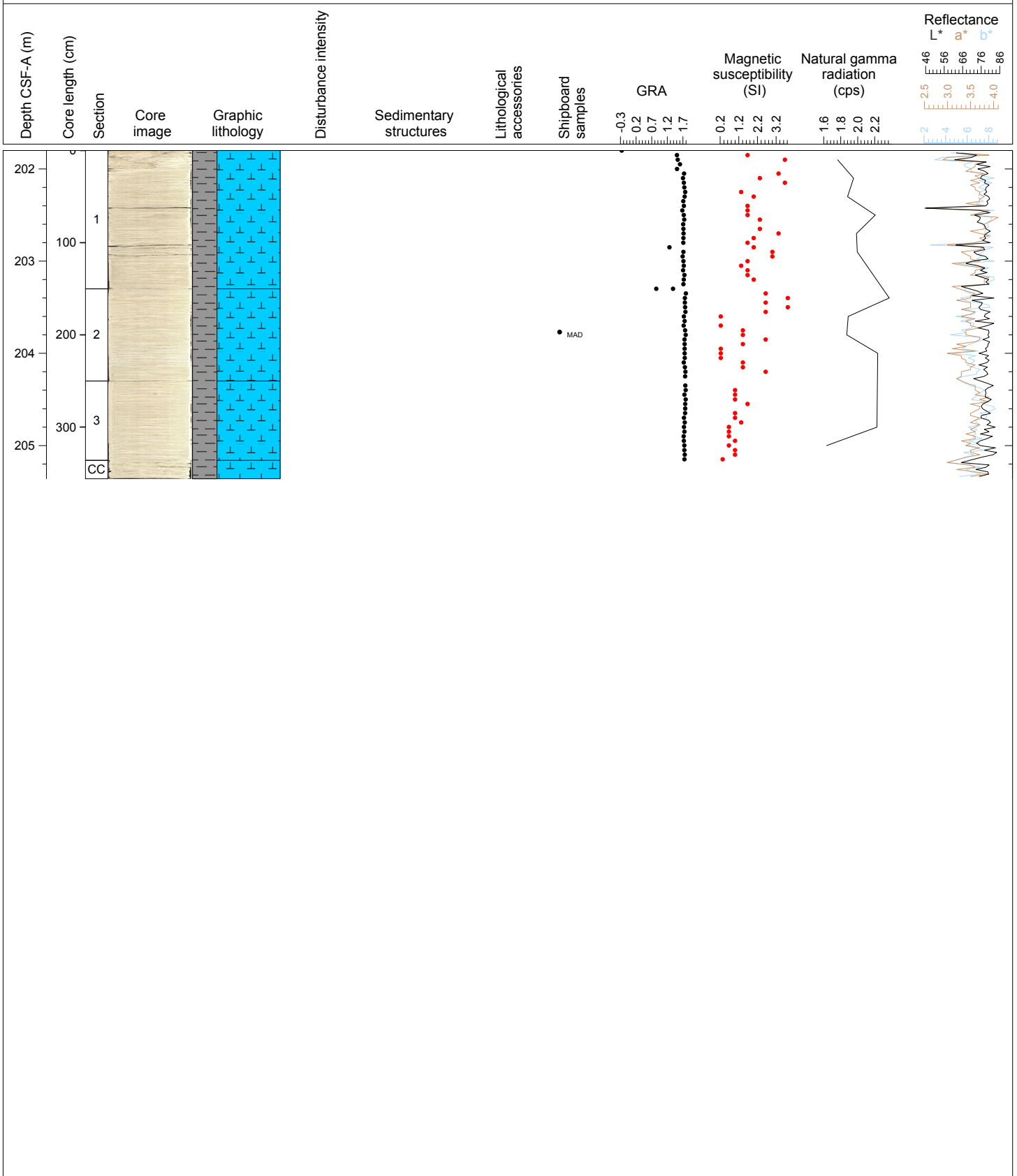
Hole 353-U1443C Core 28F, Interval 197.0-202.0 m (CSF-A)

Major Lithology: Creamy white (2.5Y 8.5/2) CLAYEY NANNOFOSSIL OOZE. General Comments: The sediment deposit is massive and homogeneous. Drilling disturbances are minimal.



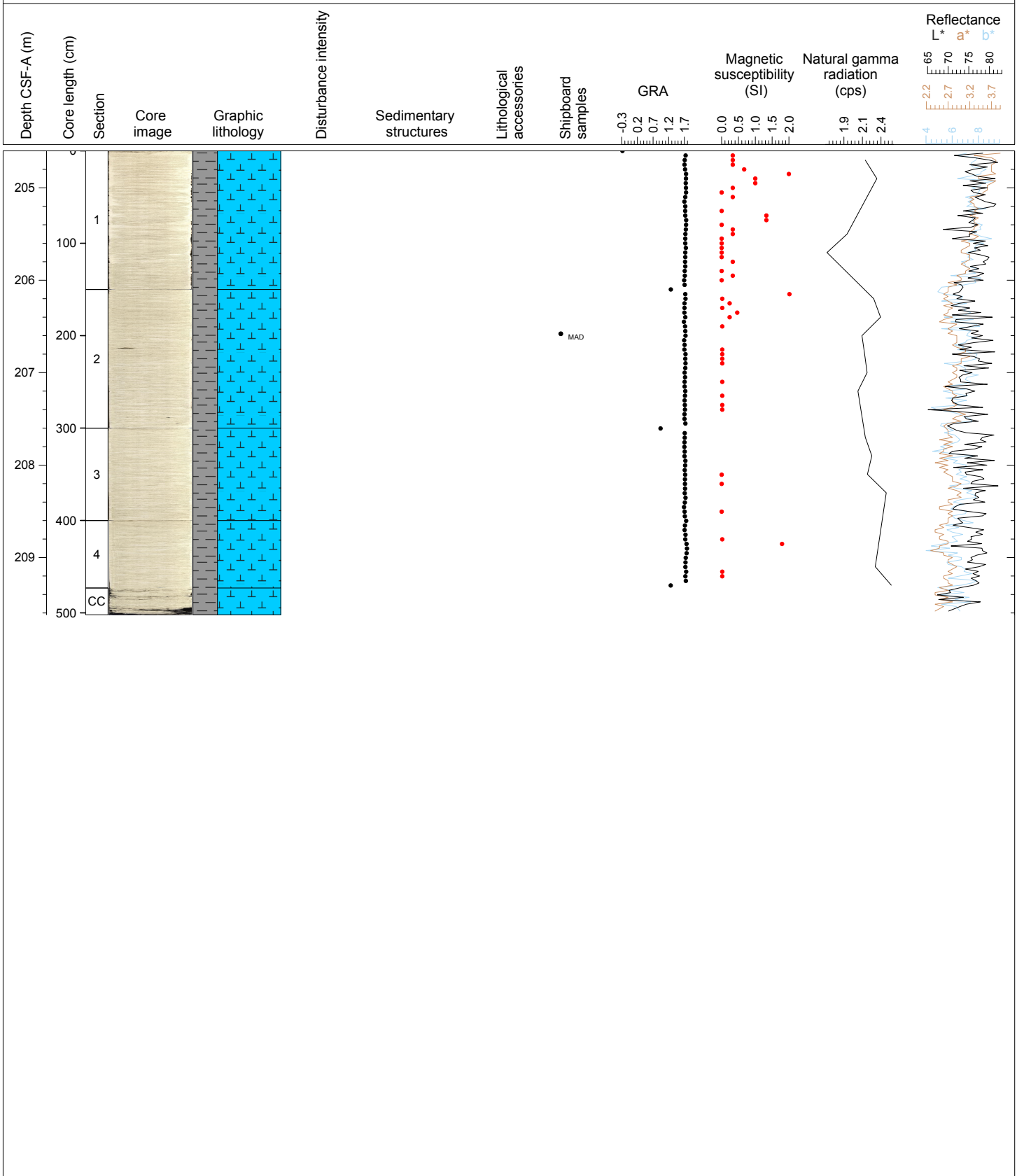
Hole 353-U1443C Core 29F, Interval 201.8-205.36 m (CSF-A)

Major Lithology: Creamy white (2.5Y 8.5/2) CLAYEY NANNOFOSSIL OOZE. General Comments: The sediment deposit is massive and homogeneous. Drilling disturbances are minimal.



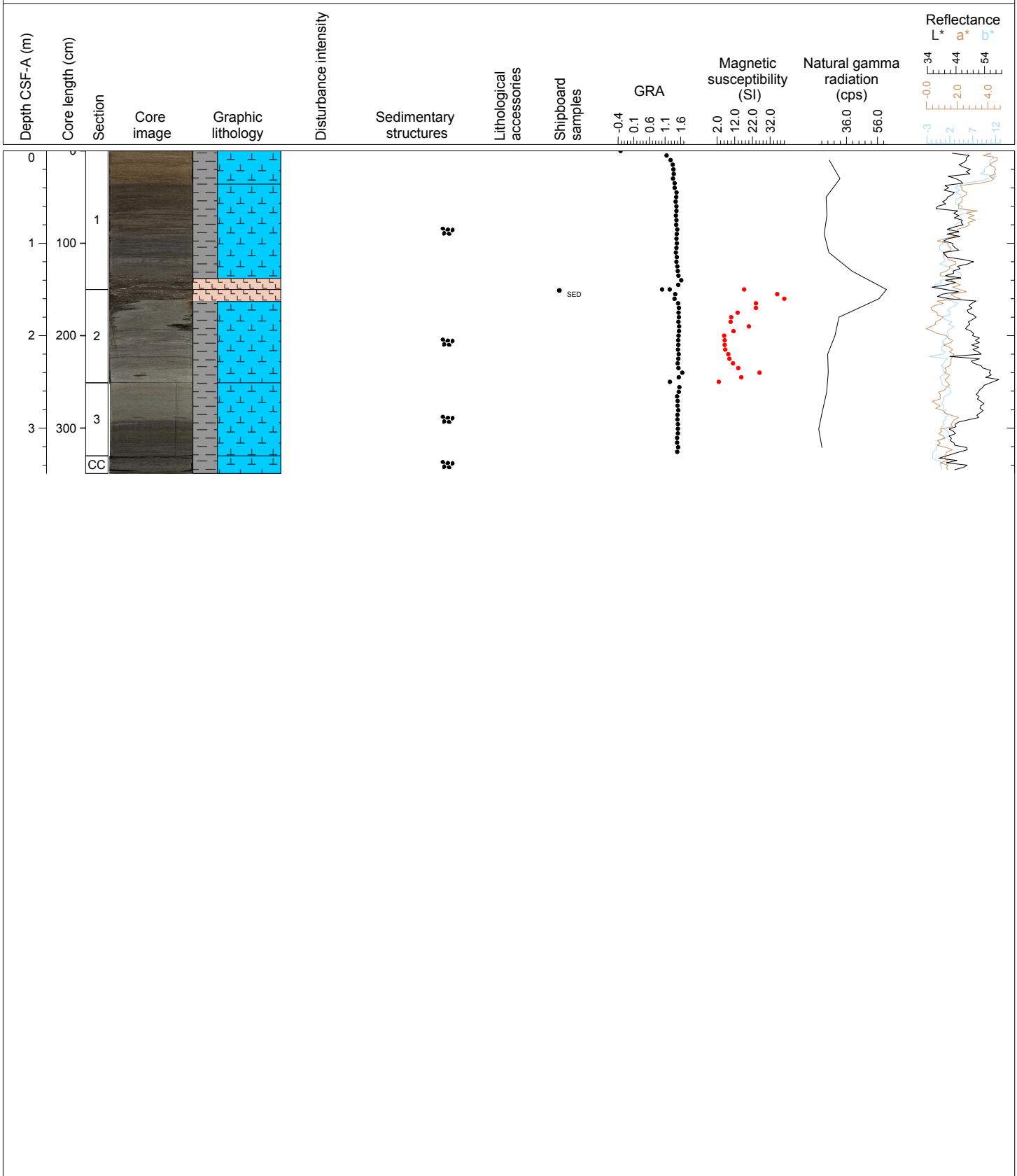
Hole 353-U1443C Core 30F, Interval 204.6-209.62 m (CSF-A)

Major Lithology: Creamy white (2.5Y 8.5/2) CLAYEY NANNOFOSSIL OOZE. General Comments: The sediment deposit is massive and homogeneous. Drilling disturbances are minimal.



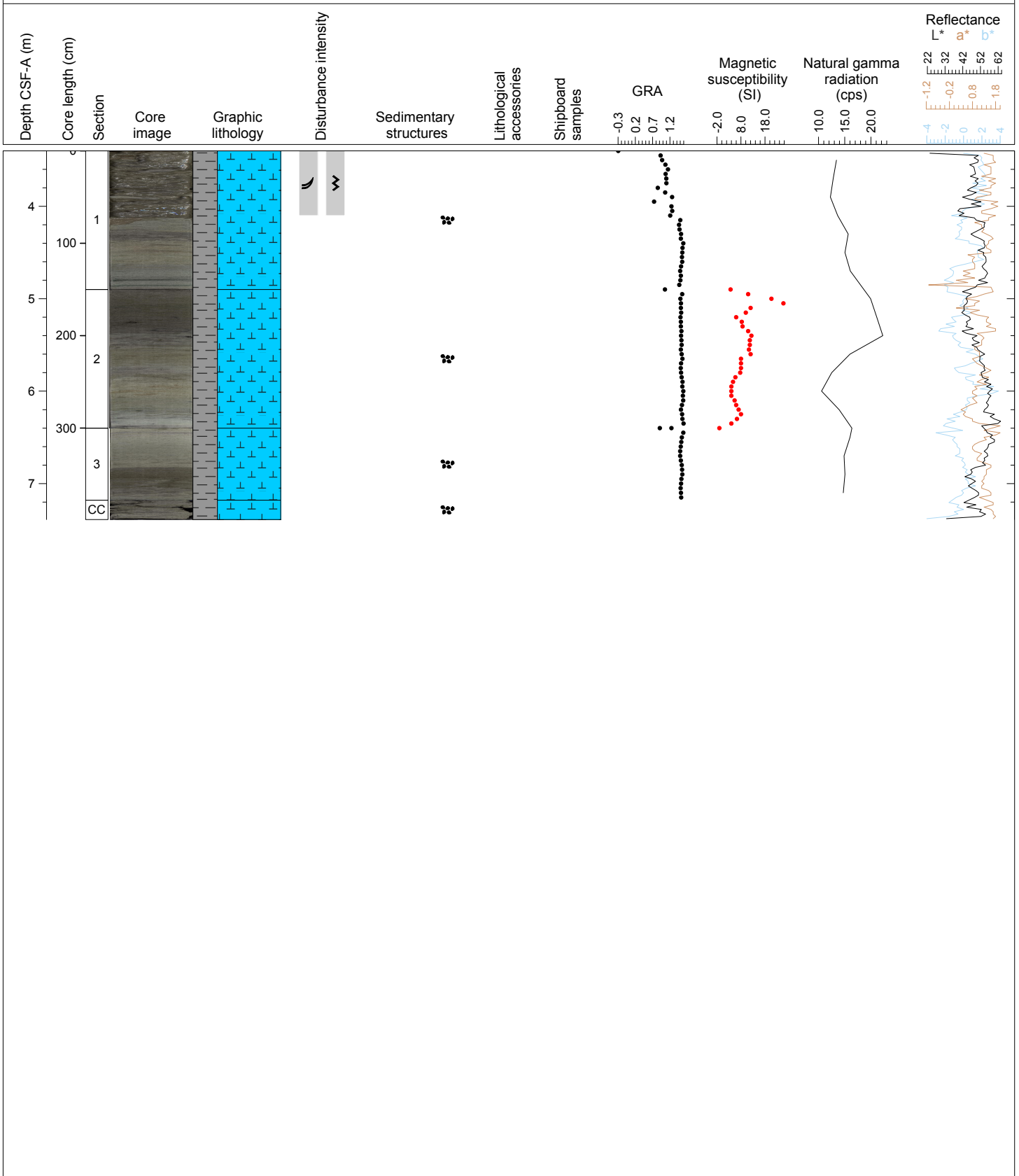
Hole 353-U1443D Core 1F, Interval 0.0-3.49 m (CSF-A)

Major Lithology: Brownish gray (10YR 6/4) to gray (5Y 6/1) CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS. Minor Lithology: Gray VOLCANIC ASH layer in Section 1 and 2. General Comments: Mottling is prevalent throughout the core and alternating color gradations between lighter and darker shades of gray are present. Brownish color at the top of section 1 may be related to oxidation. Drilling disturbance is minimal.



Hole 353-U1443D Core 2F, Interval 3.4-7.39 m (CSF-A)

Major Lithology: Gray (5Y 5/1) to lighter gray (GLEY 1 7/10Y) CLAYEY NANNOFOSSIL OOZE with FORAMINIFERS. General Comments: Mottling is prevalent throughout the core and alternating color gradations between lighter and darker shades of gray are present. Severe mussel-like drilling disturbance at the top of section 1.



Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Clay minerals [%]	Lithic grains [%]	Glauconite [%]	Fe sulfides (opaques) [%]	Vitric grains [%]	Fe-oxides [%]	Carbonate, authigenic [%]	Foraminifers [%]	Calcareous nannofossils [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other biogenic fossil fragments [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Smear slide comment			
353-U1443A-1H-1-A 25/25-SED	0	0	0.25	0.25	10	30	60				30			1		2		10	43	3	1	3			7	100	clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [2014]	Major lithology. Brown oxidized interval. Forams are sand-sized. Diatoms centric and pennate. Radiolarian and siliceous fragments. Silicoflagellates? Silica rich ~ 10%.			
353-U1443A-1H-1-A 55/55-SED	0	0	0.55	0.55	10	10	80				24			1				8	58	2		2			5	100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology. Nannos well-preserved and abundant. Forams sand-sized.			
353-U1443A-1H-2-A 20/20-SED	0	0	1.15	1.15	5	25	70	1			30			1				15	45	5					3	100	clayey [Leg339]	nannofossil ooze [Leg339]	with biosilica [2014]	Major lithology. Biosiliceous fragments all broken silt to sand sized. Forams silt-sized.			
353-U1443A-1H-2-A 57/57-SED	0	0	1.52	1.52	0	90	10	3	5	1					90						1						100		volcanic ash [MMK88]		Minor lithology. Ash - Toba? Well-sorted silt-sized ash. Sharp shards no transport. Some biotite mica. Feldspar show microcline twinning in rare cases.		
353-U1443A-2H-3-A 55/55-SED	0	0	5.1	5.1	10	30	60				30			1	2			12	43	7					5	100	clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [2014]	Major lithology.			
353-U1443A-2H-4-A 118/118-SED	0	0	7.23	7.23	20	75	5			5					95												100		volcanic ash [MMK88]		Minor lithology. Sharp glass shards		
353-U1443A-2H-6-A 19/19-SED	0	0	9.235	9.235	35	25	40				25			1	2	5	20	40	5						2	100	foraminifer rich	nannofossil ooze [Leg339]	with clay [2014]	Minor lithology. Broken forams.			
353-U1443A-2H-6-A 67/67-SED	0	0	9.72	9.72	3	17	80				30			1		2	11	54	2								100		nannofossil ooze [Leg339]	with foraminifers [2014]	Major lithology.		
353-U1443A-2H-7-A 30/30-SED	0	0	10.85	10.85	5	10	85				25			1		2	7	63			1				1	100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.			
353-U1443A-3H-1-A 133/133-SED	0	0	12.63	12.63	5	20	75				35				1	1	20	40	2						1	100		nannofossil ooze [Leg339]	with foraminifers [2014]	Major lithology. Calc. frag. are broken forams			
353-U1443A-3H-2-A 133/133-SED	0	0	14.13	14.13	2	98	0			1				1	98												100		volcanic ash [MMK88]		Minor lithology. Sharp shards.		
353-U1443A-3H-6-A 95/95-SED	0	0	19.75	19.75	0	30	70				30			1	2	5	13	46	2						1	100		nannofossil ooze [Leg339]	with foraminifers [2014]	Major lithology. Calc. frag. are broken forams.			
353-U1443A-4H-1-A 123/123-SED	0	0	22.03	22.03	10	25	65		1		28			7		3	25	35	1								100	foraminifer rich	nannofossil ooze [Leg339]	with clay [2014]	Minor lithology from sulfide patch. Foraminifer-rich nannofossil ooze with clay and iron sulfides.		
353-U1443A-4H-1-A 21/21-SED	0	0	21.01	21.01	15	75	10	3	2	1				10	81	3											100		volcanic ash [MMK88]		Minor lithology. Volcanic ash with iron sulfides		
353-U1443A-4H-2-A 92/92-SED	0	0	23.22	23.22	10	25	65				30					5	20	43	1					1	100	foraminifer rich	nannofossil ooze [Leg339]	with clay [2014]	Major lithology. Foraminifer-rich nannofossil ooze with authigenic carbonate and clay				
353-U1443A-4H-4-A 36/36-SED	0	0	25.66	25.66	15	25	60				20					2	30	48									100	foraminifer rich	nannofossil ooze [Leg339]		Minor lithology from green thick lamination.		
353-U1443A-4H-7-A 23/23-SED	0	0	30.03	30.03	2	20	78				25					5	10	52	8								100		nannofossil ooze [Leg339]	with authigenic carbonate	Major lithology.		
353-U1443A-5H-2-A 26/26-SED	0	0	32.06	32.06	3	15	82				35					7	10	47	1								100		nannofossil ooze [Leg339]		Major lithology. Calc. frag. are foram frag.		
353-U1443A-5H-5-A 145/145-SED	0	0	37.75	37.75	0	20	80				40			1		1	15	41	2								100		nannofossil ooze [Leg339]	with authigenic carbonate	Major lithology. Nannofossil ooze with authigenic carbonate and foram. frag.		
353-U1443A-6H-2-A 27/27-SED	0	0	41.57	41.57																										with foraminifers [2014]			
353-U1443A-6H-2-A 27/27-SED	0	0	41.57	41.57	0	20	80				25				1	10	18	46									100	authigenic carbonate rich	nannofossil ooze [Leg339]	with authigenic carbonate	Major lithology. Nannofossil ooze with authigenic carbonate and foram. frag.		
353-U1443A-6H-6-A 3/3-SED	0	0	47.33	47.33	2	15	83				30					5	12	53									100		nannofossil ooze [Leg339]	with authigenic carbonate	Major lithology. Nannofossil ooze with authigenic carbonate and foram. frag.		
353-U1443A-6H-6-A 94/94-SED	0	0	48.24	48.24	10	25	10	1			25					8	15	51									100		nannofossil ooze [Leg339]	with authigenic carbonate	Major lithology. Calc. frag. are forams.		
353-U1443A-6H-7-A 3/3-SED	0	0	48.83	48.83	30	40	30								60	35			5								100		volcanic ash [MMK88]	with authigenic carbonate	Minor lithology.		
353-U1443A-7H-1-A 94/94-SED	0	0	50.24	50.24	5	25	70				25			3		5	12	54	1								100		nannofossil ooze [Leg339]	with authigenic carbonate	Major lithology.		
353-U1443A-7H-2-A 54/54-SED	0	0	51.34	51.34	3	20	77				20					5	8	62	5								100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.		
353-U1443A-7H-3-A 46/46-SED	0	0	52.76	52.76	38	60	5	1	3	2					94												100						
353-U1443A-7H-6-A 73/73-SED	0	0	57.53	57.53	25	73	2		5	2				1	88	3											100		volcanic ash [MMK88]		Minor lithology.		
353-U1443A-8H-1-A 68/68-SED	0	0	59.48	59.48	2	15	83				35					7	11	47									100	authigenic carbonate rich	nannofossil ooze [Leg339]	with foraminifers [2014]	Major lithology.		
353-U1443A-8H-3-A 50/50-SED	0	0	62.3	62.3	20	75	5		3					2	93	1											100		volcanic ash [MMK88]		Minor lithology		
353-U1443A-8H-5-A 100/100-SED	0	0	65.8	65.8	10	30	60				30			1		10	20	38	1								100		nannofossil ooze [Leg339]	with carbonates	Major lithology.		
353-U1443A-9H-1-A 40/40-SED	0	0	68.7	68.7	3	20	77				20					10	2	63	5								100		nannofossil ooze [Leg339]	with authigenic carbonate	Major lithology.		
353-U1443A-9H-5-A 107/107-SED	0	0	75.37	75.37	1	25	74				20					7	8	61	1						3	100		nannofossil ooze [Leg339]	with authigenic carbonate	Major lithology.			
353-U1443A-10H-1-A 80/80-SED	0	0	78.6	78.6	5	35	60				20					12	4	62	2								100						
353-U1443A-10H-5-A 118/118-SED	0	0	84.98	84.98							15					15	3	59	3	1				1	3	100							
353-U1443A-10H-5-A 126/126-SED	0	0	85.06	85.06							20			15		12	3	48	2								100						
353-U1443A-11H-2-A 123/123-SED	0	0	90.03	90.03	2	35	63		1		15			8		15	2	57	1						1	100							
353-U1443A-11H-2-A 94/94-SED	0	0	89.74	89.74	3	30	67				15					15	2	66	1						1	100							
353-U1443A-11H-6-A 70/70-SED	0	0	95.43	95.43	2	35	63				12					12	2	72	1						1	100							

Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Clay minerals [%]	Lithic grains [%]	Glauconite [%]	Fe sulfides (opaques) [%]	Vitric grains [%]	Fe-oxides [%]	Carbonate, authigenic [%]	Foraminifers [%]	Calcareous nannofossils [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other biogenic fossil fragments [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Smear slide comment		
353-U1443A-12H-1-A 115/115-SED	0	0	97.95	97.95	6	35	59		1		20				2		15	8	51						3	100						
353-U1443A-12H-1-A 91/91-SED	0	0	97.71	97.71	15	65	20		1		2				45		19		30				1			2	100					
353-U1443A-12H-3-A 137/137-SED	0	0	101.17	101.17	2	10	88				20						10	3	67													
353-U1443A-12H-6-A 68/68-SED	0	0	104.98	104.98	70	20	10		1						69		8		20							2	100					
353-U1443A-12H-6-A 75/75-SED	0	0	105.05	105.05	45	25	30								54		5	3	38													
353-U1443A-13H-1-A 73/73-SED	0	0	107.03	107.03	3	40	57		1		25				1		8	4	57			1				3	100					
353-U1443A-13H-3-A 70/70-SED	0	0	110	110	3	77	20		1		25			1	6		12	3	52													
353-U1443A-14H-2-A 65/65-SED	0	0	117.95	117.95	5	25	70				25						7	10	57							1	100					
353-U1443A-14H-7-A 55/55-SED	0	0	125.35	125.35	3	25	72			1	20				1		8	10	60													
353-U1443A-15H-2-A 144/144-SED	0	0	128.24	128.24	40	30	30	4		1	5				54		5	5	26													
353-U1443A-15H-2-A 71/71-SED	0	0	127.51	127.51	8	25	67		1		20						15	15	49													
353-U1443A-15H-7-A 20/20-SED	0	0	134.31	134.31	10	35	55				15						15	10	60													
353-U1443A-16F-2-A 70/70-SED	0	0	137	137	4	26	70				15						30	5	50													
353-U1443A-16F-3-A 70/70-SED	0	0	138.51	138.51	6	34	60				12			2			20	8	57					1								
353-U1443A-17F-1-A 58/58-SED	0	0	140.18	140.18	30	40	30				10			3	1	1	10	20	54								1	100	foraminifer rich	nannofossil ooze [Leg339]	with authigenic carbonate	
353-U1443A-17F-2-A 61/61-SED	0	0	141.71	141.71	30	40	30	1			10			2			5	27	50	2	1					2	100	foraminifer rich	nannofossil ooze [Leg339]	with authigenic carbonate		
353-U1443A-18F-1-A 35/35-SED	0	0	144.75	144.75	30	40	30				12			1	1		7	20	53	4						2	100	foraminifer rich	nannofossil ooze [Leg339]	with authigenic carbonate		
353-U1443A-19F-1-A 60/60-SED	0	0	149.8	149.8	7	48	45				15			1			6	10	66							2	100		nannofossil ooze [Leg339]	with authigenic carbonate		
353-U1443A-20F-2-A 60/60-SED	0	0	156.1	156.1	10	25	65				17						5	15	61							2	100		nannofossil ooze [Leg339]	with foraminifers [2014]	Major lithology.	
353-U1443A-21F-1-A 74/74-SED	0	0	159.54	159.54	0	90	10								93				5								98		volcanic ash [MMK88]		Minor lithology. Bubbles in glass. Possibly pumice.	
353-U1443A-21F-1-A 81/81-SED	0	0	159.61	159.61	3	15	82				20						3	7	69							1	100		nannofossil ooze [Leg339]		Major lithology.	
353-U1443A-22F-1-A 136/136-SED	0	0	164.96	164.96	1	10	89				15						3	5	75	2							100		nannofossil ooze [Leg339]		Major lithology.	
353-U1443A-23F-1-A 136/136-SED	0	0	169.76	169.76	10	40	50				2				50		3	2	40	3							100	nannofossil rich	volcanic ash [MMK88]		Minor lithology from dark patch within nannofossil ooze.	
353-U1443A-23F-1-A 93/93-SED	0	0	169.33	169.33	10	15	75				15						3	12	68							2	100		nannofossil ooze [Leg339]	with foraminifers [2014]	Major lithology.	
353-U1443A-24F-1-A 52/52-SED	0	0	173.72	173.72	5	25	70				12			2			3	8	70							5	100		nannofossil ooze [Leg339]		Major lithology.	
353-U1443A-24F-3-A 37/37-SED	0	0	176.57	176.57	1	96	3								90		7		3								100		volcanic ash [MMK88]	with authigenic carbonate	Minor lithology from dark interval of granule-pebble sized material. Individual pebble was crushed to make smear slide.	
353-U1443A-25F-1-A 70/70-SED	0	0	178.7	178.7	7	15	78				10						2	7	76	2		2				1	100		nannofossil ooze [Leg339]		Major lithology.	
353-U1443A-25F-2-A 88/88-SED	0	0	180.38	180.38	25	60	15		1						97		2										100		volcanic ash [MMK88]		Minor lithology.	
353-U1443A-26F-1-A 50/50-SED	0	0	183.3	183.3	10	30	60				8			1			1	8	77			2	2			1	100		nannofossil ooze [Leg339]		Major lithology.	
353-U1443A-26F-3-A 28/28-SED	0	0	186.08	186.08	10	40	50				2				30		2		61	5							100	volcaniclastic rich	nannofossil ooze [Leg339]		Minor lithology. From dark patch in nannofossil ooze.	
353-U1443A-27F-1-A 50/50-SED	0	0	188.1	188.1	15	25	60				7						2	5	76	8		1				1	100		nannofossil ooze [Leg339]		Major lithology.	
353-U1443A-27F-4-A 49/49-SED	0	0	192.29	192.29	10	25	65				15						1	10	70	1		2				1	100		nannofossil ooze [Leg339]		Major lithology.	
353-U1443A-28F-1-A 50/50-SED	0	0	192.9	192.9	10	15	75				10							5	81				2			2	100		nannofossil ooze [Leg339]		Major lithology.	
353-U1443A-29F-1-A 50/50-SED	0	0	197.7	197.7	10	20	70				8			2			2	12	71	1		2				2	100		nannofossil ooze [Leg339]		Major lithology.	
353-U1443A-30X-1-A 50/50-SED	0	0	202.5	202.5	10	15	75				10						3	10	72				3			2	100		nannofossil chalk [2014]		Major lithology.	
353-U1443A-30X-3-A 143/143-SED	0	0	206.43	206.43	1	35	64				5				1		2	8	80				2			2	100		nannofossil chalk [2014]		Major lithology.	
353-U1443A-30X-6-A 84/84-SED	0	0	210.34	210.34	3	30	67				12			2			1	10	72	1		1				1	100		nannofossil chalk [2014]		Major lithology.	
353-U1443A-31X-1-A 83/83-SED	0	0	212.53	212.53	5	60	35		1		5				86		5		3								100		volcanic ash [MMK88]		Minor lithology. From dark clay concretion within nannofossil chalk	
353-U1443A-31X-2-A 100/100-SED	0	0	214.2	214.2	20	30	40				5			2			1	10	70	8		2				2	100		nannofossil chalk [2014]		Major lithology.	
353-U1443A-31X-5-A 25/25-SED	0	0	217.95	217.95	10	30	60				7			1			1	5	85							1	100		nannofossil chalk [2014]		Major lithology.	
353-U1443A-32X-3-A 70/70-SED	70	70	225.8	225.8	5	30	65				10				1		3	7	76				2			1	100		nannofossil chalk [2014]		Major lithology.	



Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Clay minerals [%]	Lithic grains [%]	Glauconite [%]	Fe sulfides (opaques) [%]	Vitric grains [%]	Fe-oxides [%]	Carbonate, authigenic [%]	Foraminifers [%]	Calcareous nannofossils [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other biogenic fossil fragments [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Smear slide comment	
353-U1443A-32X-6-A 75/75-SED	0	0	229.65	229.65	15	40	45				10				15	11	12	49				2			1	100		nannofossil chalk [2014]	with volcanoclastics	Minor lithology. From dark bioturbated sections.	
353-U1443A-32X-6-A 75/75-SED	0	0	229.65	229.65	15	40	45				5				15	11	3	58		5		2			1	100		nannofossil rich	calcareous chalk [2014]		Minor lithology. Gray interval top of section 3.
353-U1443A-33X-3-A 77/77-SED	0	0	234.87	234.87	1			1	1		7					9	10	58		4	1	1			8	100		nannofossil rich	calcareous chalk [2014]		Minor lithology. Gray interval top of section 3.
353-U1443A-34X-1-A 12/12-SED	0	0	240.92	240.92	1	55	44				5					30	1	64								100		nannofossil rich	calcareous chalk [2014]		Major lithology. White chalk at top of core, continuation of Oligocene chalk.
353-U1443A-34X-2-A 65/65-SED	0	0	242.95	242.95	12	23	65	1	1	1	20					10	12	3	50		2					100		nannofossil chalk [2014]	with clay [2014]	Major lithology.	
353-U1443A-34X-3-A 11/11-SED	0	0	243.5	243.5	1			1	1		5					1	17	1	72							100		nannofossil rich	calcareous ooze [Leg339]		Minor lithology. Gray interval top of section 3.
353-U1443A-34X-3-A 36/36-SED	0	0	243.75	243.75	1	25	74				12					1	15	5	66		1					100		nannofossil rich	calcareous chalk [2014]	with clay [2014]	Major lithology.
353-U1443A-34X-3-A 50/50-SED	0	0	243.89	243.89	1						9					58	2	30		1						100		nannofossil rich	calcareous chalk [2014]	with clay [2014]	Major lithology
353-U1443A-35X-2-A 32/32-SED	0	0	246.72	246.72	6	69	25	1			5					1	54	12	19		5					100					
353-U1443A-35X-2-A 71/71-SED	0	0	247.11	247.11	5	15	80				8			1		53	8	30								100					
353-U1443A-35X-3-A 55/55-SED	0	0	248.45	248.45	3	20	77			5	12					26	3	54								100					sharp elongate minerals with birefringence are feldspar? feldspar was observed.
353-U1443A-36X-1-A 55/55-SED	0	0	254.55	254.55	15	25	60				15						18	15	52							100					
353-U1443A-36X-5-A 98/98-SED	0	0	260.98	260.98	5	15	80				20				1	8	12	58							1	100					
353-U1443A-37X-1-A 115/115-SED	0	0	264.85	264.85	2	10	88			1	30				5	5	3	56								100					
353-U1443A-38X-1-A 107/107-SED	0	0	273.47	273.47	2	26	68				35			5		1	2	9	47							100					
353-U1443A-38X-1-A 75/75-SED	0	0	273.15	273.15	25	25	50				25				1	3	20	51								100					
353-U1443A-38X-3-A 80/80-SED	0	0	276.2	276.2	5	25	70				30						5	8	57							100					
353-U1443A-39X-1-A 78/78-SED	0	0	282.88	282.88	15	20	65			1	35					2	15	12	35							100					
353-U1443A-39X-2-A 67/67-SED	0	0	284.27	284.27	30	25	45				35					1	5	25	33							100					
353-U1443A-39X-2-A 76/76-SED	0	0	284.36	284.36	10	20	70			1	25					2	5	8	59							100					
353-U1443A-39X-3-A 39/39-SED	0	0	285.5	285.5	10	25	65				30			1		2	3	13	50							100					
353-U1443A-39X-4-A 77/77-SED	0	0	287.2	287.2	2	10	88				20			2		2	33	3	35							100					
353-U1443A-39X-5-A 10/10-SED	0	0	288.04	288.04	7	50	43	2			25						13	3	48		7					100	nannofossil rich	calcareous chalk [2014]	with clay [2014]	Major lithology. K-T boundary	
353-U1443A-39X-5-A 66/66-SED	0	0	288.6	288.6	10	15	75				25					1	10	5	54		5					100					
353-U1443A-40X-1-A 80/80-SED	0	0	292.6	292.6	10	50	40				15						20	12	53							100	nannofossil rich	calcareous chalk [2014]		Major lithology.	
353-U1443A-40X-3-A 82/82-SED	0	0	295.62	295.62	5	50	45				20						49	3	20		8					100		calcareous chalk [2014]	with nannofossils [2014]	Major lithology.	
353-U1443A-41X-2-A 40/40-SED	0	0	303.4	303.4	15	60	25				15			2		1	48	7	20		7					100		calcareous chalk [2014]	with nannofossils [2014]	Major lithology.	
353-U1443A-42X-1-A 110/110-SED	0	0	307.4	307.4	5	65	30				15						58	2	15		10					100		calcareous chalk [2014]	with nannofossils [2014]	Major lithology.	
353-U1443A-42X-1-A 85/85-SED	0	0	307.15	307.15	15	70	15				20			1		1	40	15	21		2					100	nannofossil rich	calcareous chalk [2014]	with carbonates	Major lithology.	
353-U1443A-42X-2-A 121/121-SED	0	0	309.02	309.02	30	45	25						40			5	30	4	15		6					100					Minor lithology. Glauconite concretion.
353-U1443A-43X-1-A 75/75-SED	0	0	313.05	313.05	30	60	10				30		2		1	28	5	3	29							100					Major lithology. Bioclastic silt with authigenic carbonate and clay.
353-U1443A-43X-5-A 122/122-SED	0	0	319.52	319.52										1												100					Minor lithology. Recrystallized shell fragment.
353-U1443A-43X-5-A 18/18-SED	0	0	318.48	318.48																						100					Minor lithology. Recrystallized shell fragment.
353-U1443A-43X-6-A 31/31-SED	0	0	320.11	320.11	20	60	20				25		10	2	3	20	5	3	29							100					Major lithology. Carbonate silt. Bioclastic silt with authigenic carbonate.
353-U1443A-44X-1-A 128/128-SED	0	0	323.28	323.28	15	70	15	1			20		8		2	12	5	10	40							100					Major lithology. Bioclastic silt w/ authigenic carbonate.
353-U1443A-44X-2-A 122/122-SED	0	0	324.72	324.72	10	70	20				10		12		2	28	2	5	40							100					Major lithology. nannofossil-rich carbonate silt
353-U1443A-45X-1-A 63/63-SED	0	0	327.43	327.43	10	70	20				15		3	1	2	20	3	10	45							100					Major lithology: bioclastic silt with nannofossils.
353-U1443A-45X-3-A 15/15-SED	0	0	329.84	329.84	10	70	20				20		10			20	7	5	38							100					Major lithology: authigenic carbonate rich bioclastic silt
353-U1443A-46X-2-A 88/88-SED	0	0	333.98	333.98	10	70	20				20		15			15	5	2	42							100					Major lithology: Bioclastic silt with authigenic carbonate
353-U1443A-47X-1-A 61/61-SED	0	0	337.01	337.01	20	35	45				45		12		2	20		5	15							100	silty [Leg339]	clay [Leg210]		Major lithology. Silty clay with glauconite.	

Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Clay minerals [%]	Lithic grains [%]	Glauconite [%]	Fe sulfides (opaques) [%]	Vitric grains [%]	Fe-oxides [%]	Carbonate, authigenic [%]	Foraminifers [%]	Calcareous nanofossils [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other biogenic fossil fragments [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Smear slide comment	
353-U1443B-1H-1-A 18/18-SED	0	0	0.18	0.18	10	40	50				30				5			20	37	2		1			5	100	volcaniclastic rich	nannofossil ooze [Leg339]	with clay [2014]	Minor lithology.	
353-U1443B-1H-1-A 65/65-SED	0	0	0.65	0.65	35	35	30	3	2	2	10				40			10	25	6					2	100	nannofossil rich	volcanic ash [MMK88]	with foraminifers [2014]	Minor lithology.	
353-U1443B-1H-2-A 116/116-SED	0	0	2.66	2.66	30	40	30					33						24	34	5	1				3	100	clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [2014]	Major lithology.	
353-U1443B-1H-2-A 55/55-SED	0	0	2.05	2.05	30	40	30					35						20	37	5	1				2	100	foraminifer rich	nannofossil ooze [Leg339]	with clay [2014]	Major lithology.	
353-U1443B-1H-CC-A 5/5-SED	0	0	8.89	8.89	0	90	10	1	1	1					97												100				
353-U1443B-2H-1-A 11/11-SED	0	0	9.11	9.11	8	72	20	3	1	2				2	92												100				
353-U1443B-2H-2-A 119/119-SED- MICA	0	0	10.865	10.865	50	42	8	8	6	10					76												100				
353-U1443B-2H-3-A 33/33-SED	0	0	11.51	11.51	30	55	15	5	1	2	1			1	82				7							1	100				
353-U1443B-2H-4-A 50/50-SED	0	0	13.18	13.18	9	21	70				1	30			2		3	15	40	1	1	1		2	4	100					
353-U1443B-2H-7-A 29/29-SED	0	0	17.47	17.47	10	20	70	1	1		30				1			14	50	3						100					
353-U1443B-3H-5-A 100/100-SED	0	0	25.5	25.5	10	45	45	1			1	28						20	45	2	1	1				1	100				
353-U1443B-3H-5-A 93/93-SED	0	0	25.43	25.43	40	50	10	5	5	1				1	87				1								100				
353-U1443B-4H-1-A 95/95-SED	0	0	28.95	28.95	10	30	60	1			25						2	10	52	2	1	1	1	1	4	100					
353-U1443B-4H-3-A 123/123-SED- ash	0	0	32.23	32.23	10	80	10	4	2	1				3	90												100				
353-U1443B-4H-4-A 63/63-SED- green layer	0	0	33.13	33.13	5	15	80	1			39					1		6	50			1		1	1	100					
353-U1443B-5H-2-A 100/100-SED-homog	0	0	40	40	1	50	50	1	1	1	30							4	59	3						1	100				
353-U1443B-6H-3-A 80/80-SED-homog	0	0	50.8	50.8	20	70	10	2	3	3					91		1										100				
353-U1443B-6H-4-A 122/122-SED-ash	0	0	52.72	52.72	8	50	50	1		1	25			1			6	9	56	1							100				
353-U1443B-7H-1-A 36/36-SED-ash	0	0	56.86	56.86	30	60	10	3		5				2	89	1											100				
353-U1443B-7H-4-A 80/80-SED	0	0	61.8	61.8	6	67	27				26					1	10	8	51	4							100				
353-U1443B-8H-1-A 68/68-SED-ash	0	0	66.68	66.68	35	60	5	1	4					10	84												100				
353-U1443B-8H-4-A 90/90-SED	0	0	71.4	71.4	10	55	35	1			20					1	10	10	54	4							100				
353-U1443B-9H-4-A 60/60-SED	0	0	80.37	80.37	8	60	32	1	1	1	20						9	6	62								100				
353-U1443B-10H-3-A 80/80-SED	0	0	88.8	88.8	2	30	68	1			20						10	3	66								100				
353-U1443B-11H-2-A 66/66-SED	0	0	93.66	93.66	5	30	75				15						10	5	68						2	100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.	
353-U1443B-12H-1-A 94/94-SED	0	0	101.94	101.94	40	30	30				15				30		2	3	37	3	1	1			8	100	volcaniclastic rich	nannofossil ooze [Leg339]	with clay [2014]	Minor lithology.	
353-U1443B-12H-3-A 100/100-SED	0	0	105	105	2	25	73				20							3	74	2						1	100				Major lithology.
353-U1443B-13H-5-A 75/75-SED	0	0	116.9	116.9	1	20	79				25				2		3	2	65	3							100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.
353-U1443B-14H-4-A 100/100-SED	0	0	125.5	125.5	3	20	77				25						2	2	66	3		1				1	100	clayey [Leg339]	nannofossil ooze [Leg339]		Major lithology.
353-U1443B-15H-1-A 80/80-SED	0	0	130.3	130.3	5	25	70				20						7	10	55	8							100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.
353-U1443B-16H-2-A 80/80-SED	0	0	138.3	138.3	3	25	72				15			1			5	2	73	4							100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.
353-U1443B-16H-5-A 61/61-SED	0	0	142.61	142.61	3	30	67				15				5		7	5	64	3					1	100		nannofossil ooze [Leg339]	with volcaniclastics	Minor lithology.	
353-U1443B-17H-3-A 62/62-SED	0	0	149.12	149.12	3	30	67				12				3		10	3	69	2					1	100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.	
353-U1443B-18H-5-A 85/85-SED	0	0	159.35	159.35	5	30	65				20				2		2	3	67	5					1	100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.	
353-U1443B-19F-1-A 81/81-SED	0	0	162.81	162.81	3	25	72				10				1		5	2	78	3					1	100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.	
353-U1443B-20F-3-A 56/56-SED	0	0	170.36	170.36	25	70	5	1	1						90		5		3								100		volcanic ash [MMK88]		Minor lithology.
353-U1443B-21F-1-A 80/80-SED	0	0	172.4	172.4	3	20	77				12				3		3	4	75	3							100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.
353-U1443B-22F-1-A 80/80-SED	0	0	177.2	177.2	10	35	45				10						3	12	64	3	2	2			4	100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.	
353-U1443B-23F-1-A 80/80-SED	0	0	182	182	2	20	78				10				6		2	3	72	4		2			1	100		nannofossil ooze [Leg339]	with clay [2014]	Major lithology.	
353-U1443B-24F-1-A 80/80-SED	0	0	186.8	186.8	20	40	40				10			1	1		2	15	61	2	2				6	100		nannofossil ooze [Leg339]	with foraminifers [2014]	Major lithology.	
353-U1443B-24F-2-A 70/70-SED	0	0	188.2	188.2	30	30	40				8				20			7	59	2	2				2	2	100		nannofossil ooze [Leg339]	with volcaniclastics	Minor lithology. Mostly sharp shards, with some irregular vesicular fragments.
353-U1443B-25F-1-A 80/80-SED	0	0	191.6	191.6	7	30	63				7						1	5	84	2					1	100		nannofossil ooze [Leg339]		Major lithology.	
353-U1443B-26F-1-A 80/80-SED	0	0	196.4	196.4	2	15	83				6						2	5	84	1				1	1	100					

Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Clay minerals [%]	Lithic grains [%]	Glaucanite [%]	Fe sulfides (opaques) [%]	Vitric grains [%]	Fe-oxides [%]	Carbonate, authigenic [%]	Foraminifers [%]	Calcareous nanofossils [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other biotaceous fossil fragments [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Smear slide comment
353-U1443B-27F-1-A 80/80-SED	0	0	201.2	201.2	3	18	79				5						6	2	85	1					1	100				
353-U1443B-28F-3-A 50/50-SED-ooze	0	0	208.7	208.7	8	10	82				5						5	10	77	1					2	100				
353-U1443B-29X-3-A 70/70-SED-chalk	0	0	213.7	213.7	9	30	61				9						5	8	73	1	1			1	2	100				
353-U1443B-30X-3-A 80/80-SED-chalk	0	0	223.5	223.5	6	39	55				5						2	5	80	1	1				6	100				
353-U1443B-31X-3-A 80/80-SED	0	0	233.2	233.2	15	30	55				6				1	1	5	15	64	2	1				5	100				
353-U1443B-32X-3-A 90/90-SED	0	0	243	243	8	50	42				5					1	10	10	68	1	1				4	100				
353-U1443B-33X-1-A 53/53-SED	0	0	249.33	249.33	5	60	35				8					1	15	6	68							100				
353-U1443B-34X-4-A 60/60-SED	0	0	263.6	263.6	10	30	60				30				1		8	12	46							100				
353-U1443B-34X-7-A 20/20-SED	0	0	267.21	267.21	8	30	62				35					1	7	10	43							100				
353-U1443B-35X-4-A 60/60-SED	0	0	273.3	273.3	8	42	50				35				1		6	15	39							100				
353-U1443B-36X-4-A 139/139-SED	0	0	283.79	283.79	4	25	71				35						8	8	44	1						100	clayey [Leg339]	nannofossil ooze [Leg339]	with foraminifers [2014]	Major lithology.
353-U1443B-37X-3-A 76/76-SED	0	0	291.36	291.36	3	25	72				25						5	7	61	2						100	clayey [Leg339]	nannofossil chalk [2014]		Major lithology.
353-U1443B-37X-6-A 139/139-SED	0	0	296.49	296.49	7	25	32				30						8	8	49	5						100	clayey [Leg339]	nannofossil chalk [2014]	with foraminifers [2014]	Major lithology.
353-U1443B-38X-4-A 94/94-SED	0	0	302.74	302.74	5	30	65				25						3	5	62	5						100	clayey [Leg339]	nannofossil chalk [2014]		
353-U1443B-39X-7-A 51/51-SED	0	0	315.96	315.96	10	50	40				40						31	15	1	10						100				
353-U1443B-39X-7-A 51/51-SED	0	0	315.96	315.96	10	50	40				40						12	15		33						100				Major lithology. Bioclastic silty clay with forams.
353-U1443B-40X-3-A 34/34-SED	0	0	320.04	320.04	10	50	40				33	15	1				22	10	3	15						100				
353-U1443B-40X-3-A 34/34-SED	0	0	320.04	320.04	10	50	40				33	20					10	12		25						100				Minor lithology. Green bands. Bioclastic silty clay with glauconite.
353-U1443B-40X-3-A 45/45-SED	0	0	320.15	320.15	10	50	40				30	2		1	1	33	15	2	15							100				
353-U1443B-40X-3-A 45/45-SED	0	0	320.15	320.15	10	50	40				35	2		5		3	10	3	42							100				Major lithology. Bioclastic silty clay with foraminifers.
353-U1443B-40X-CC-A 18/18-SED	0	0	324.43	324.43	5	35	60				53	10					12	10	3	10						100				

Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Clay minerals [%]	Lithic grains [%]	Glauconite [%]	Fe sulfides (opaques) [%]	Vitric grains [%]	Fe-oxides [%]	Carbonate, authigenic [%]	Foraminifers [%]	Calcareous nannofossils [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other biosiliceous fossil fragments [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Smear slide comment
353-U1443C-3H-2-A 5/5-SED - ash 0	0	0	7.75	7.75	15	75	10	2	1	1				1	95											100				
353-U1443C-3H-4-A 115/115-SED-ash1 D	0	0	11.85	11.85	75	23	2	3	4	3				1	89											100				
353-U1443C-3H-4-A 118/118-SED-ash1-bio	0	0	11.88	11.88	20	70	10	3	5	3					88											100				
353-U1443C-3H-5-A 32/32-SED-ash2	0	0	12.52	12.52	10	82	8	2	1	1				1	95											100				
353-U1443C-5H-2-A 129/129-SED-black ash	0	0	25.89	25.89	15	75	10	2	2	2				3	91											100				

Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Clay minerals [%]	Lithic grains [%]	Glauconite [%]	Fe sulfides (opaques) [%]	Vitric grains [%]	Fe-oxides [%]	Carbonate, authigenic [%]	Foraminifers [%]	Calcareous nanofossils [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other biosiliceous fossil fragments [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Smear slide comment
353-U1443D-1F-2-A 1/1-SED	0	0	1.51	1.51	50	45	5	3	1	2					89			1	1	1	1				1	100				

Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Observer	Lithology prefix	Principal lithology	Lithology suffix	Texture	Clast grain size	Clast type	Groundmass in clast	Clast texture	Alteration	Comment
353-U1443A-37X-CC-TSB-TS_01	0	6	272.78	272.84	LITTLER		chert [MMK88]			clay [W22_1]		crystalline			Chert nodule in the CC of core 37X. Fine grained chert. Ghosts of planktic forams and some trace calcite (<1%) throughout the chert, otherwise it is featureless