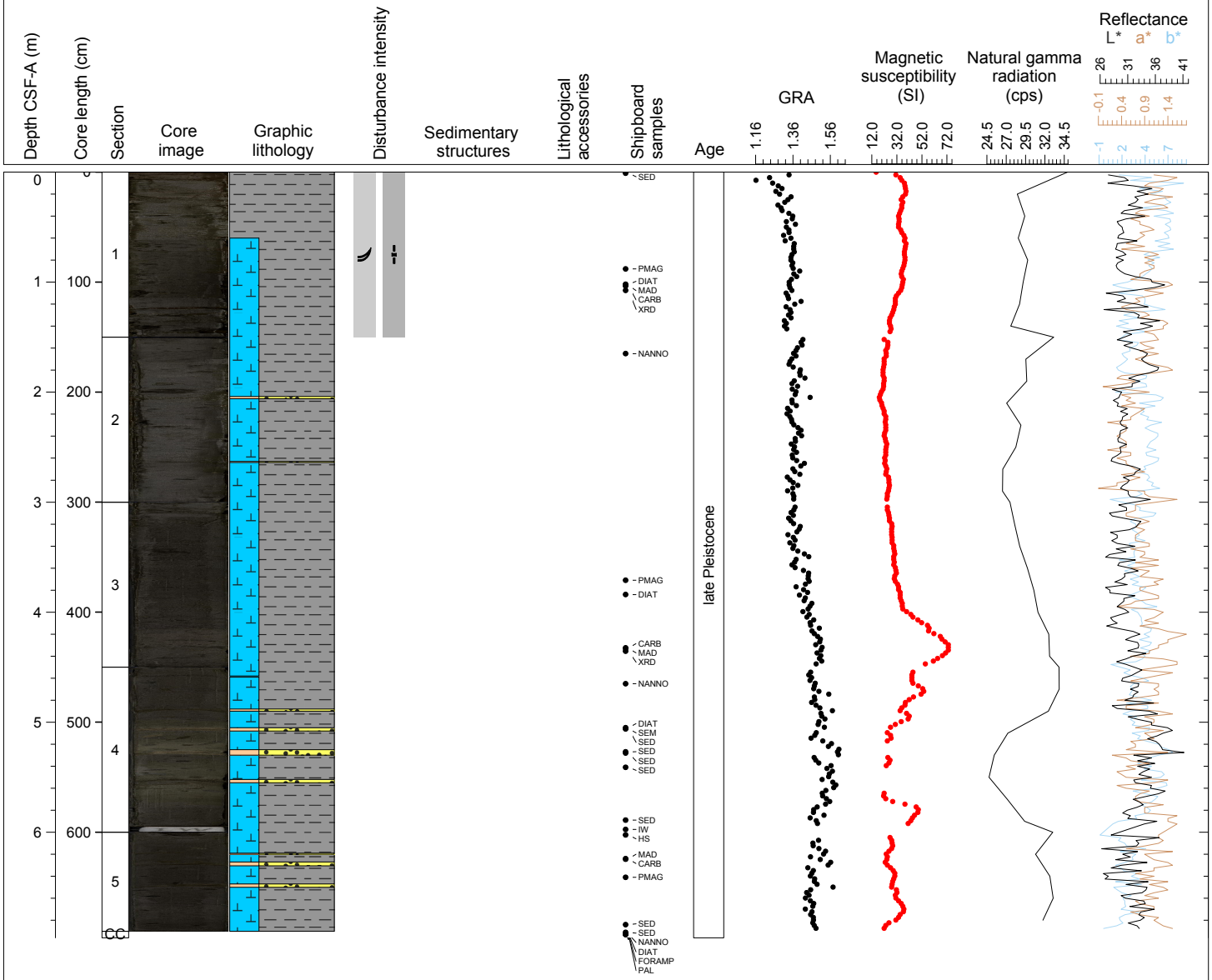
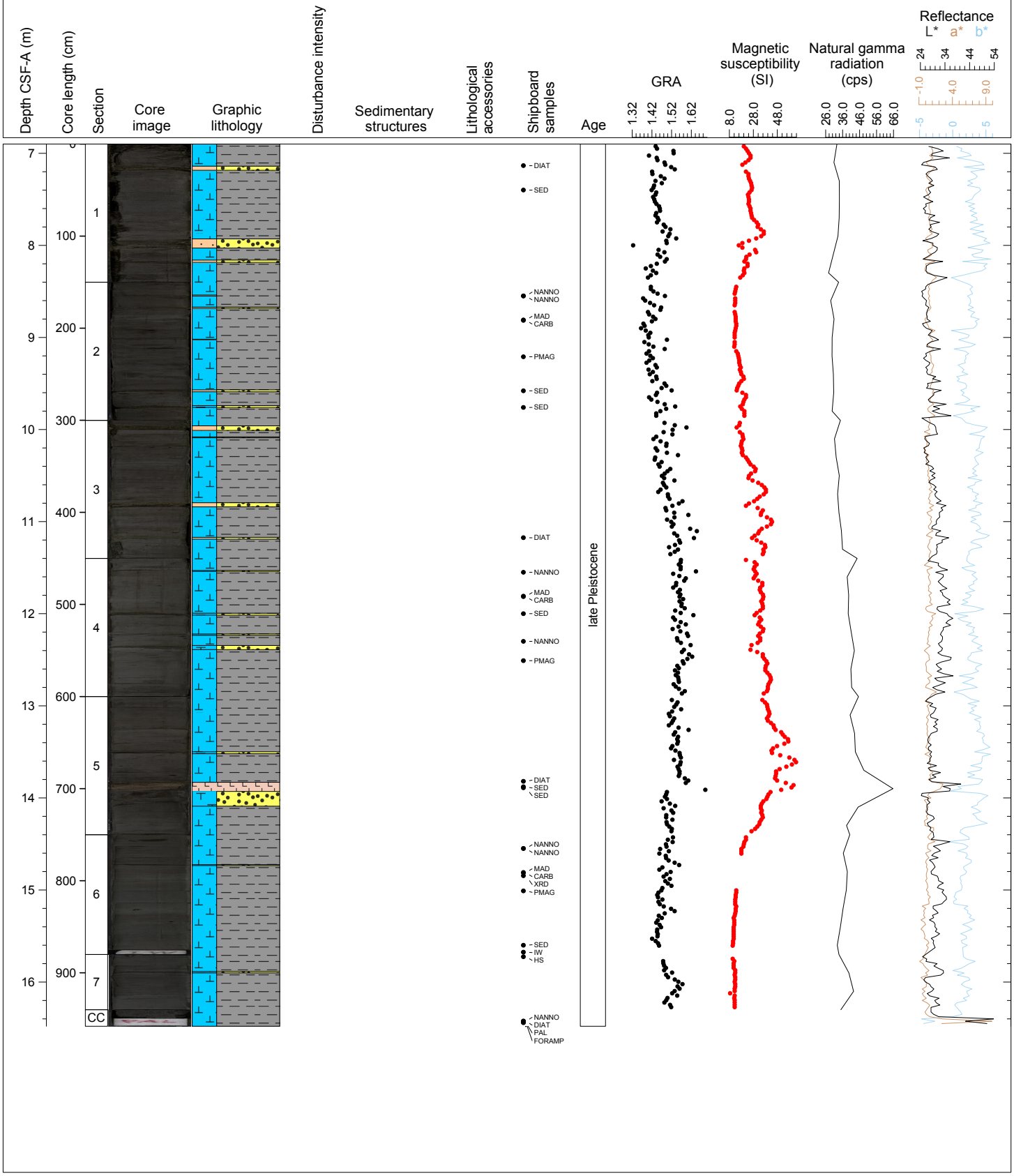
Hole 353-U1445A Core 1H, Interval 0.0-6.96 m (CSF-A)

Major Lithology: Olive CLAY (5Y 4/3) with NANNOFOSSILS and olive gray (5Y 5/2) NANNOFOSSIL rich CLAY with FORAMINIFERS General Comments: 2 to 3 thinly bedded SAND and CLAY turbidites per Section.



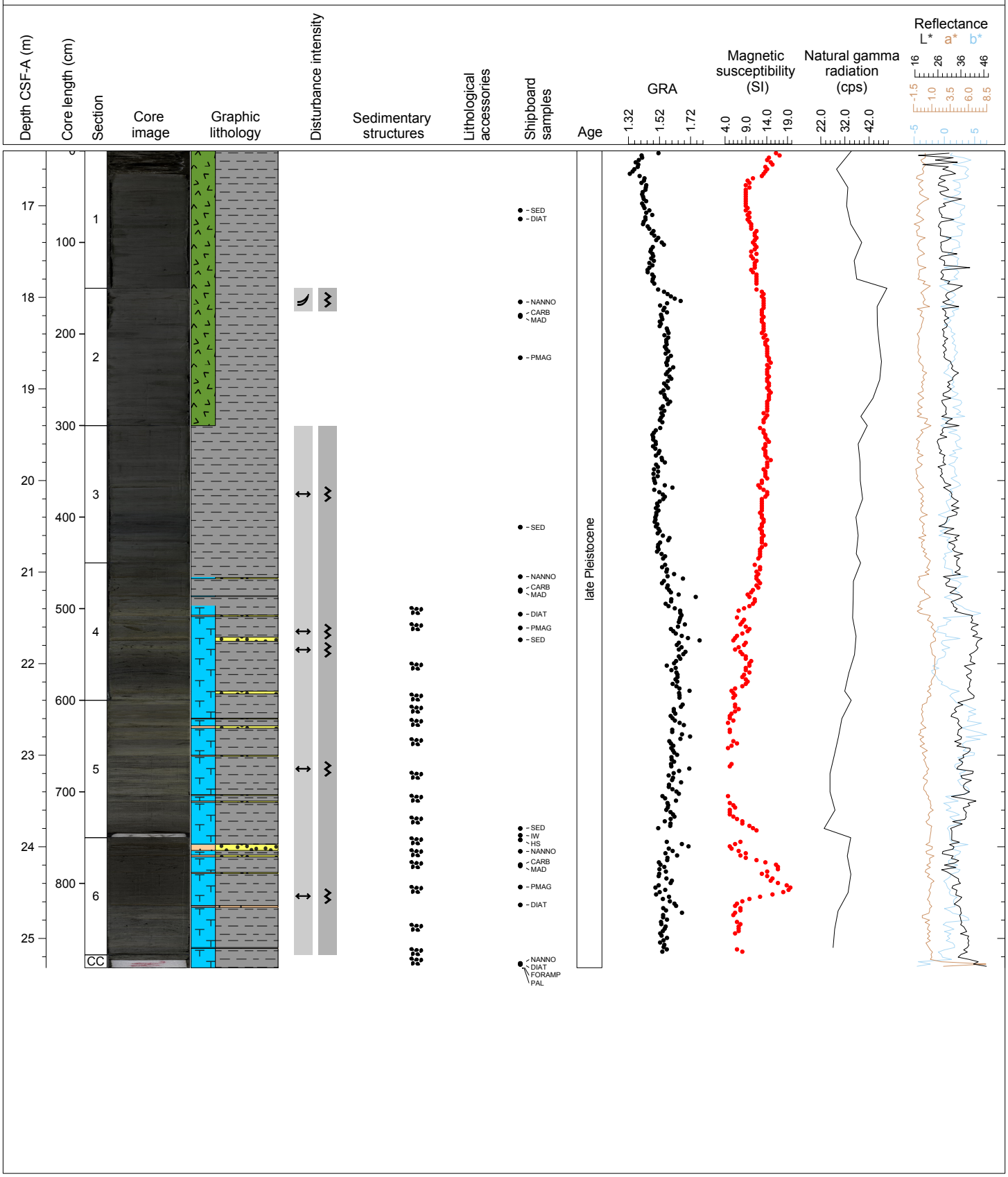
Hole 353-U1445A Core 2H, Interval 6.9-16.48 m (CSF-A)

Major Lithology: Olive gray (5Y 5/2) NANNOFOSSIL rich CLAY with FORAMINIFERS and dark greenish gray (GLEY 1 4/5GY) NANNOFOSSIL rich CLAY with BIOSILICA. Minor Lithology; White (10YR 8/1) VOLCANIC ASH General Comments: 3 to 4 thinly bedded SAND turbidites per Section. Some SANDY turbidites include many FORAMINIFERS.



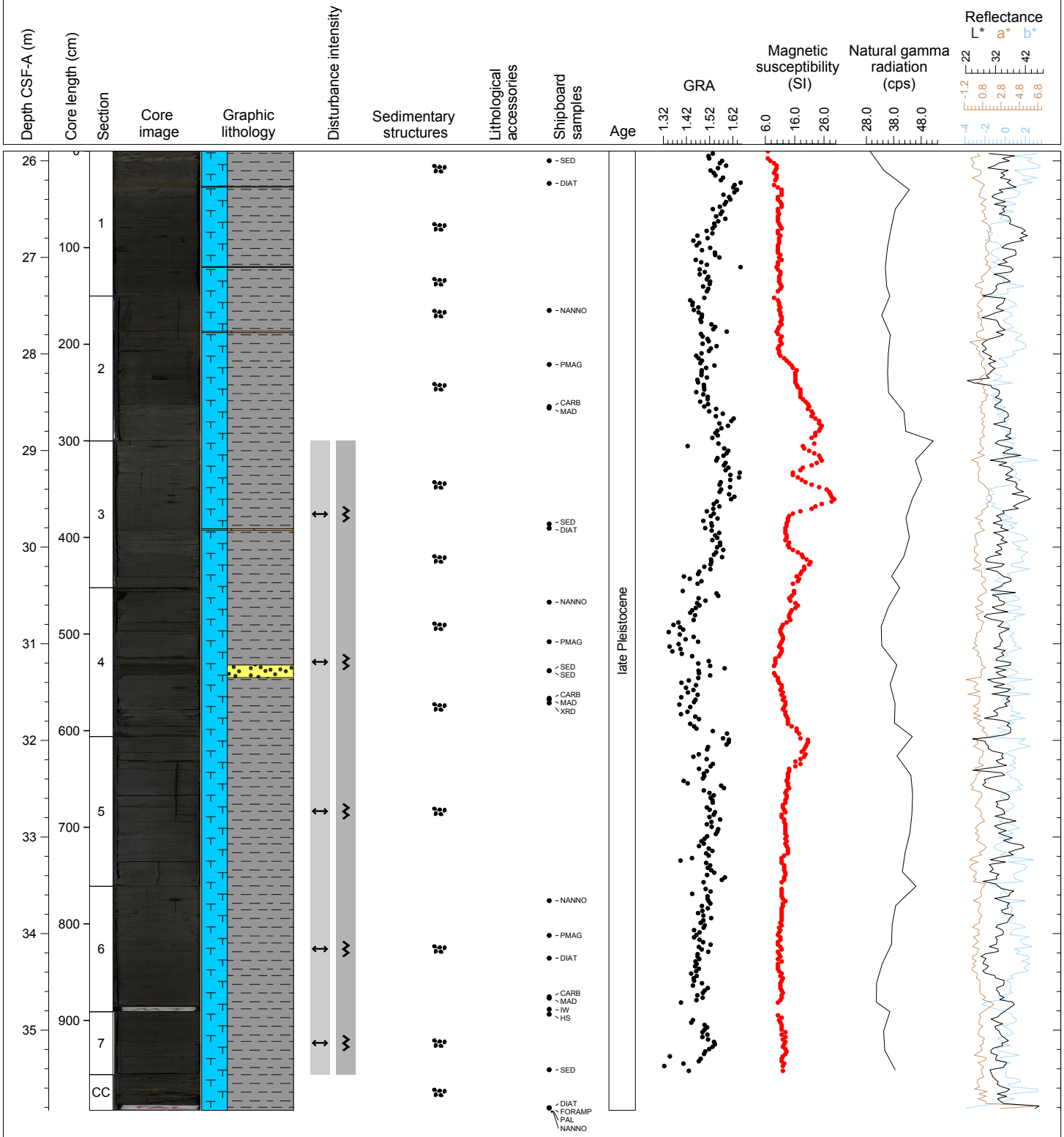
Hole 353-U1445A Core 3H, Interval 16.4-25.32 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) CLAY with NANNOFOSSILS, CLAY with NANNOFOSSILS and FORAMINIFER rich CLAY with NANNOFOSSILS. General Comments: 3 to 4 thinly bedded SAND turbidites per Section. Some SANDY turbidites include many FORAMINIFERS. Color variations from dark green (GLEY 1 4/5GY) to gray (5Y 6/1) every 5 to 15 cm.



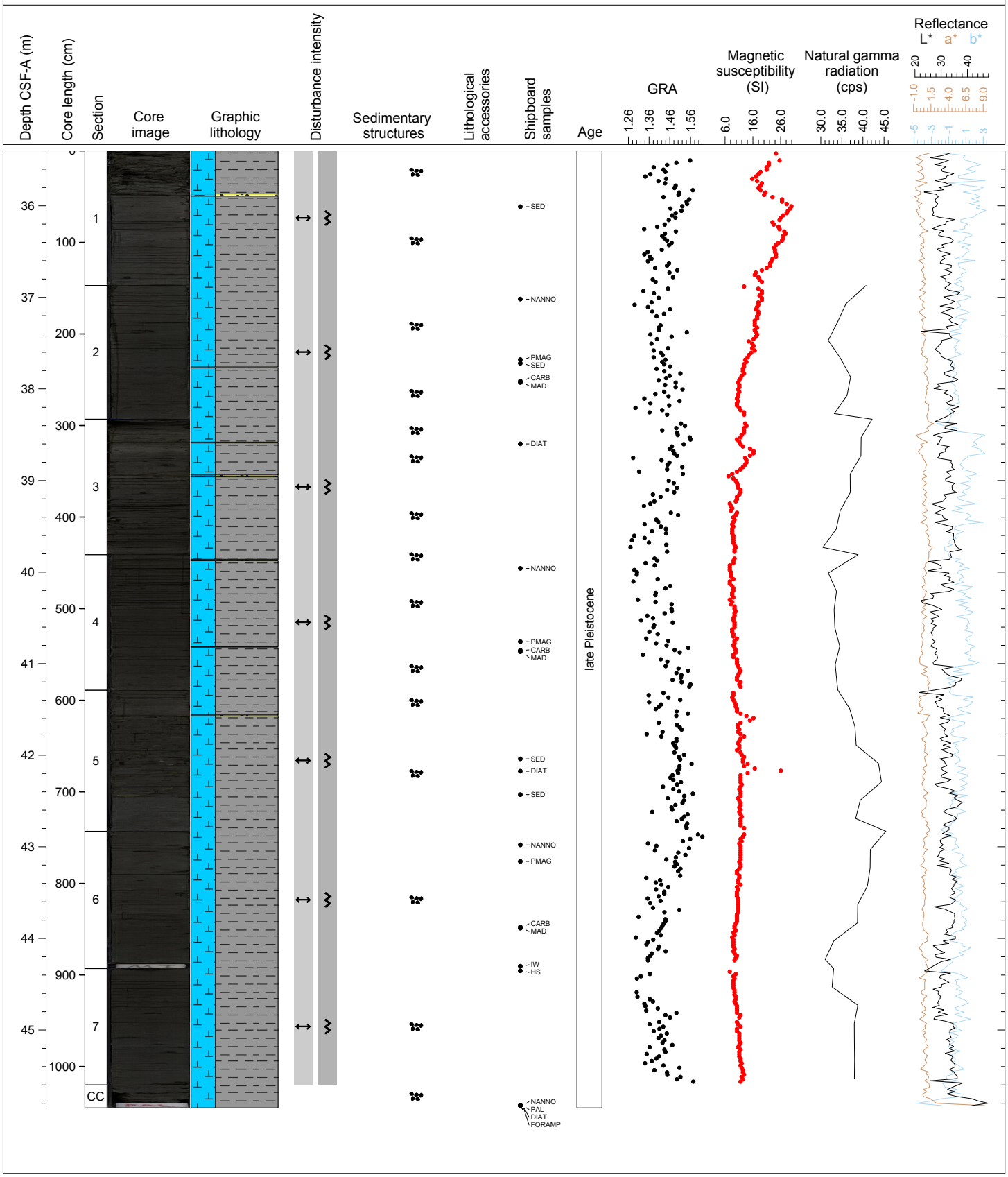
Hole 353-U1445A Core 4H, Interval 25.9-35.83 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) FORAMINIFER rich CLAY with NANNOFOSSILS. General Comments: Some thinly bedded SILTY turbidites. Very faint color variations. Some black (iron sulphide), green (glauconite) and gray (foraminifers rich) dots and patches along the core.



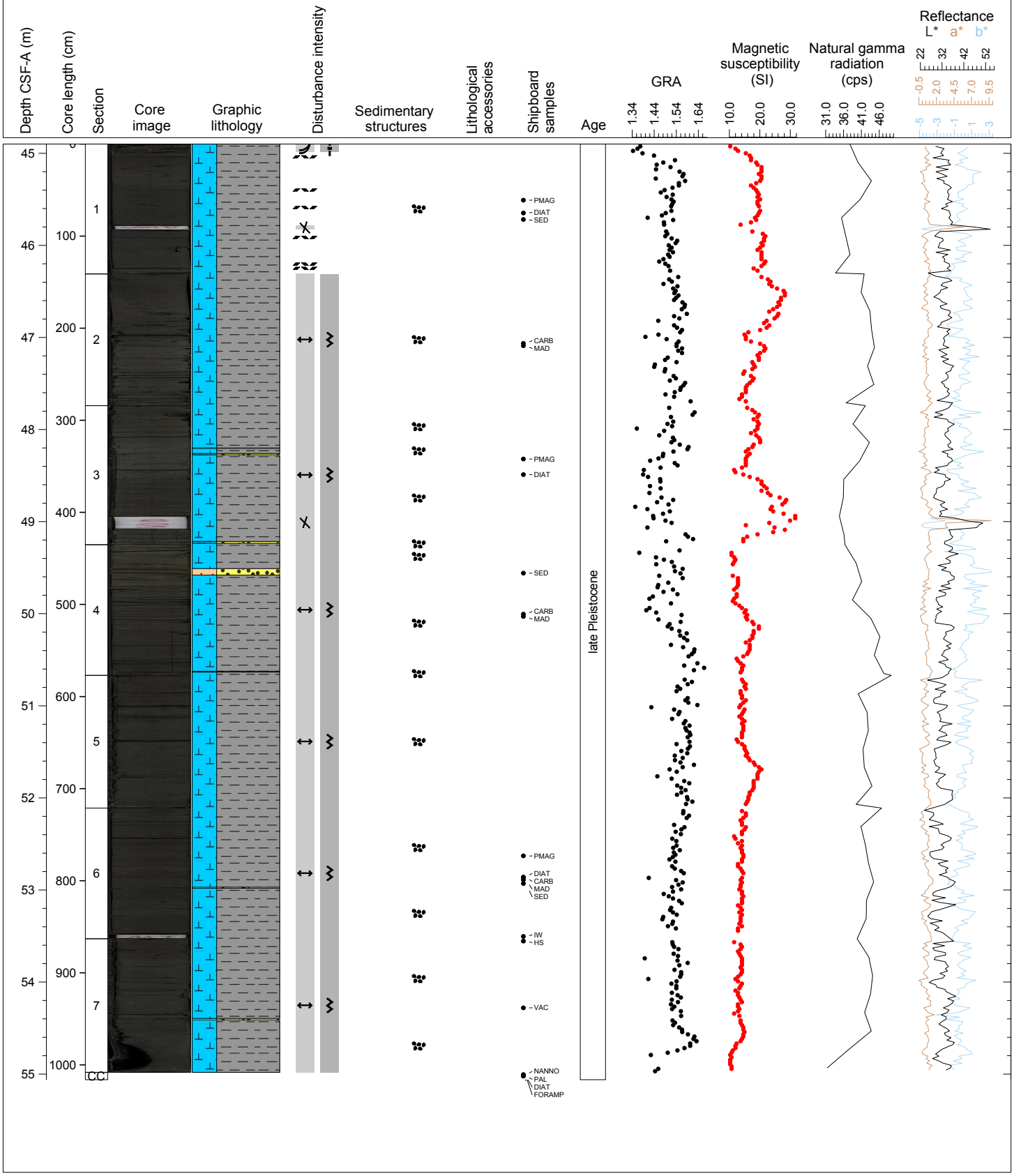
Hole 353-U1445A Core 5H, Interval 35.4-45.85 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) NANNOFOSSIL rich CLAY. General Comments: Some thinly bedded SANDY turbidites (with foraminifers). Very faint color variations.



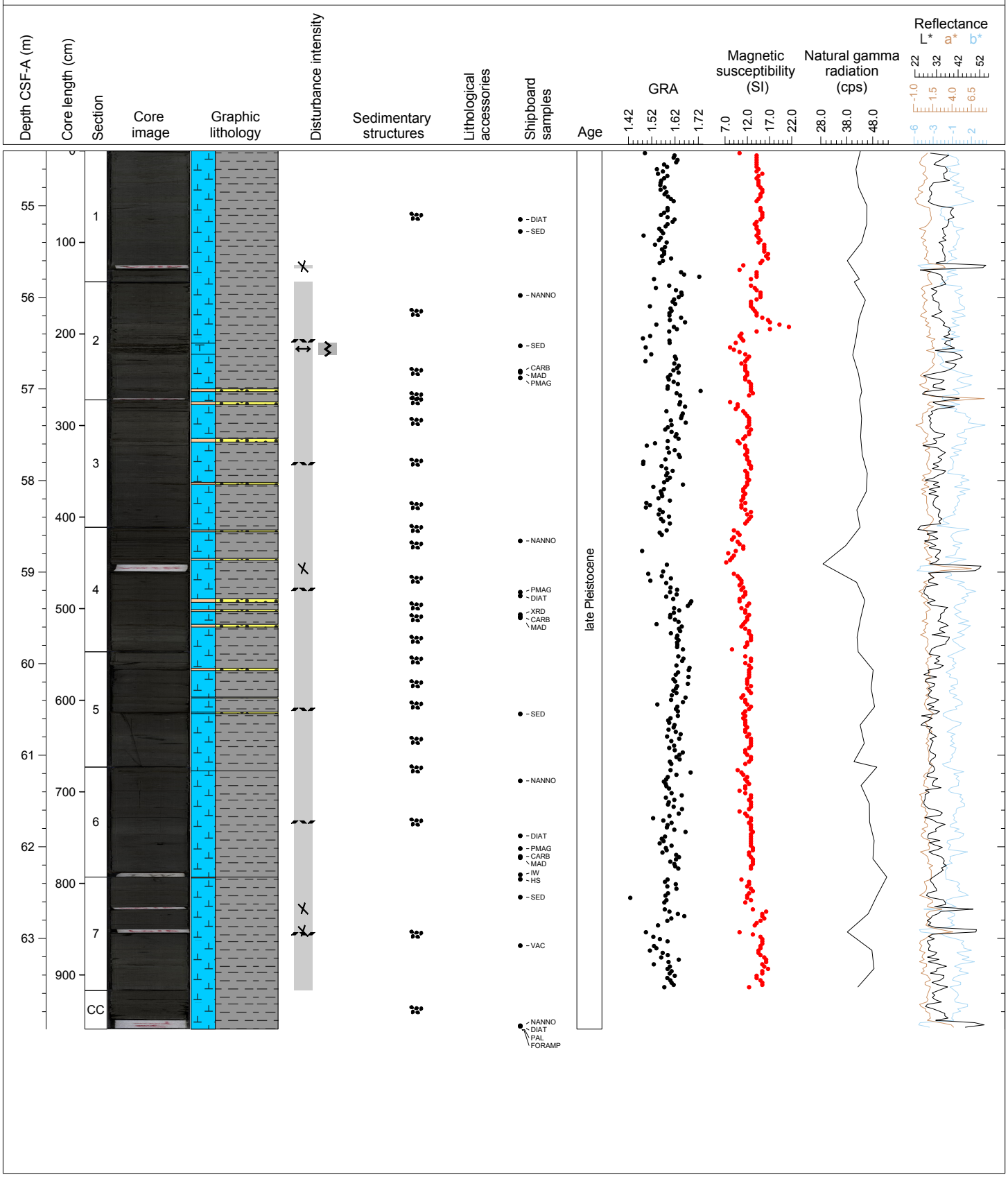
Hole 353-U1445A Core 6H, Interval 44.9-55.06 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) NANNOFOSSIL rich CLAY. General Comments: Some thinly bedded SILTY turbidites. Very faint color variations. Some black (iron sulphide), green (glauconite) and gray (foraminifers rich) dots and patches along the core.



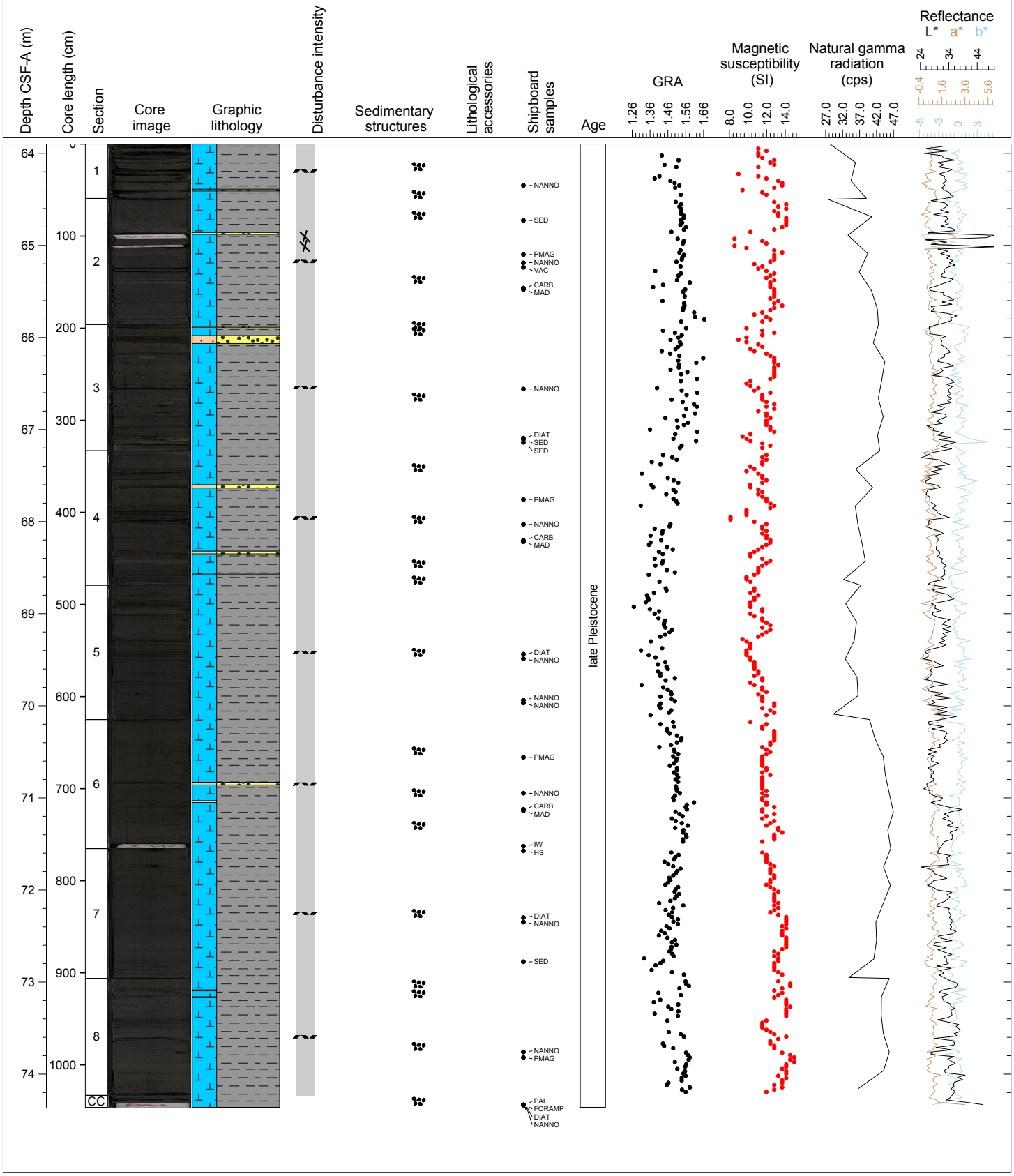
Hole 353-U1445A Core 7H, Interval 54.4-63.99 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) NANNOFOSSIL rich CLAY with FORAMINIFERS and NANNOFOSSIL rich CLAY with SILT. General Comments: Some thinly bedded SILTY turbidites. Very faint color variations.



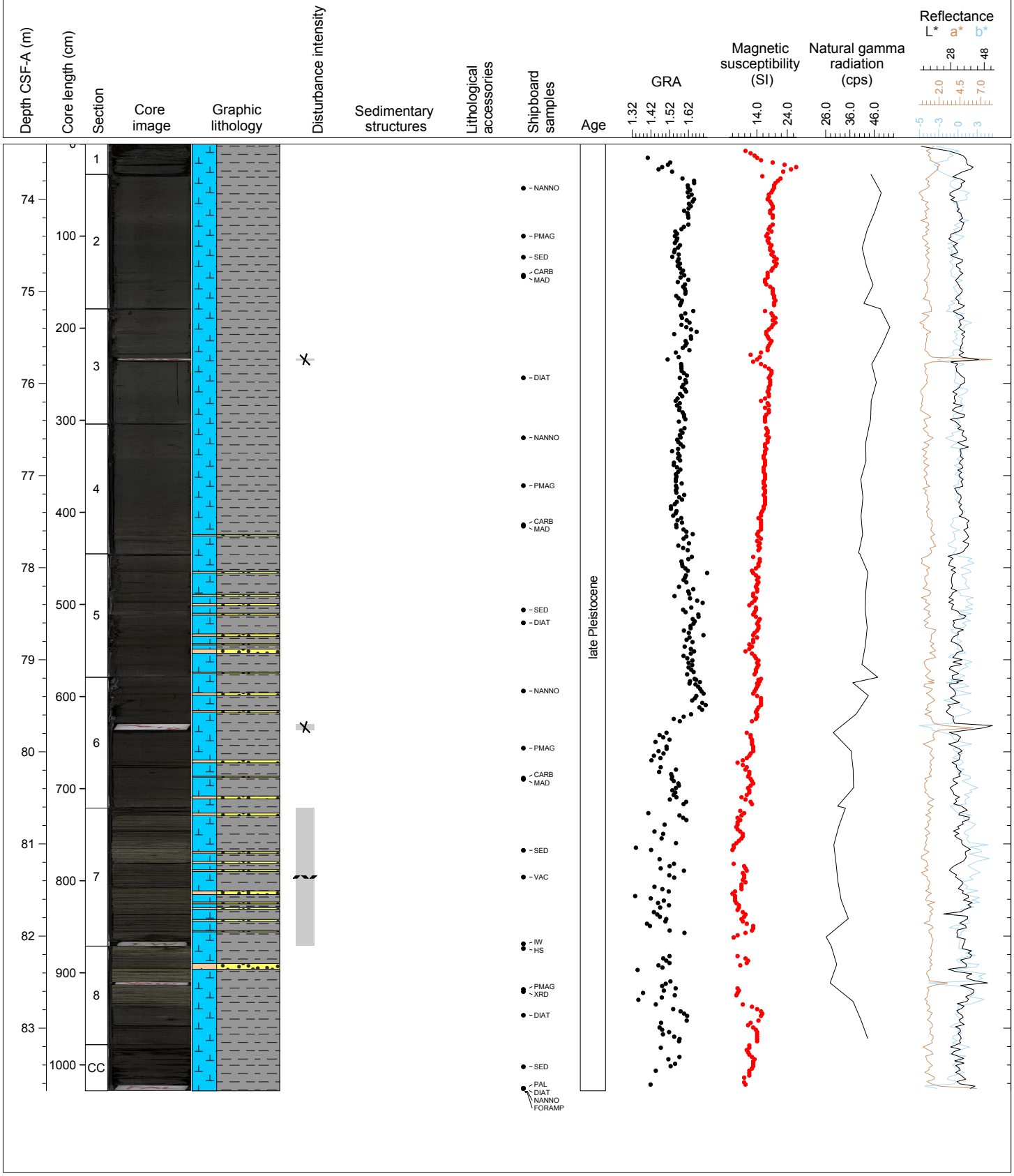
Hole 353-U1445A Core 8H, Interval 63.9-74.36 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) NANNOFOSSIL rich CLAY with SILT. General Comments: Some thinly bedded SILTY turbidites. Very faint color variations.



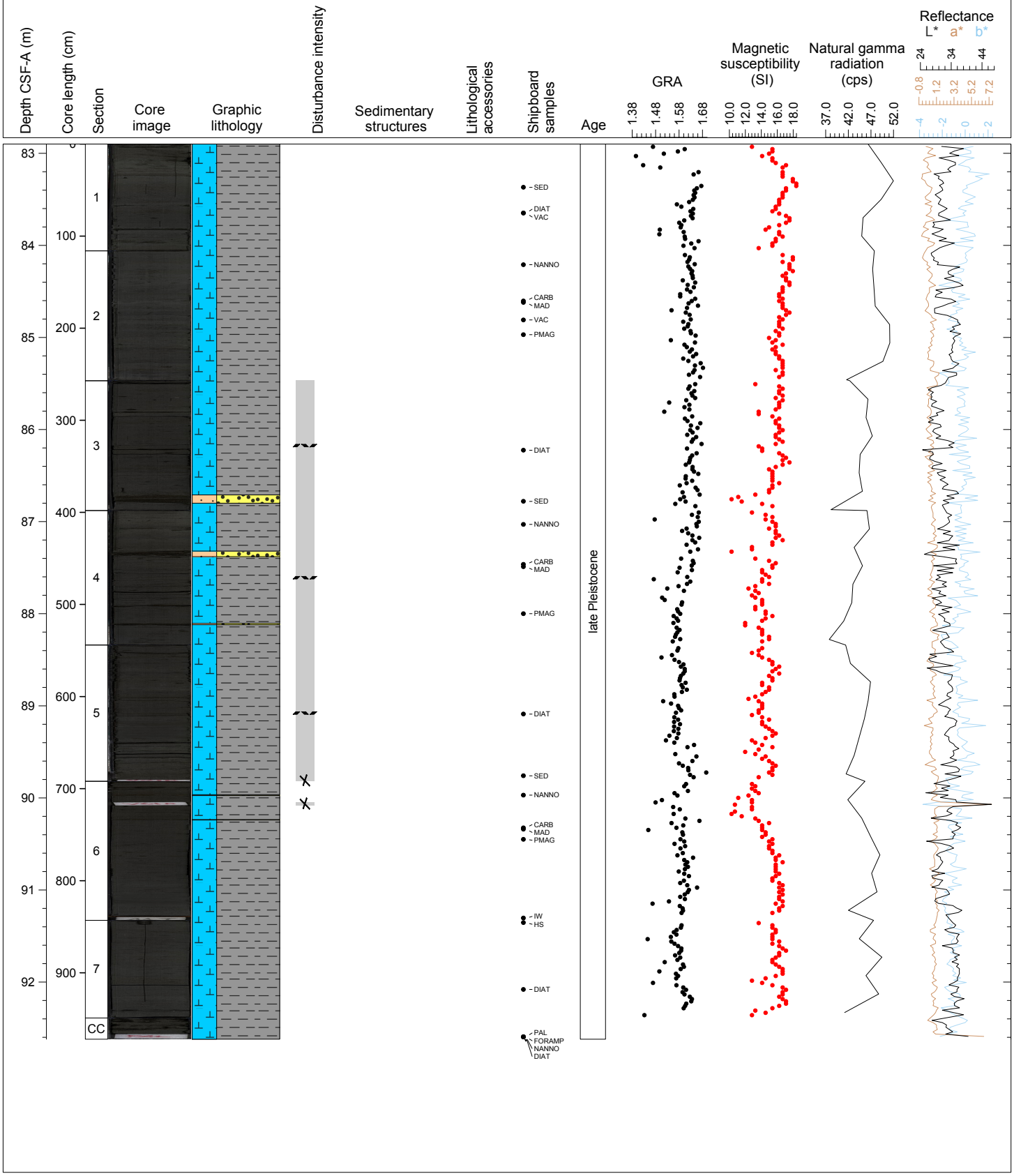
Hole 353-U1445A Core 9H, Interval 73.4-83.68 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) NANNOFOSSIL rich CLAY. General Comments: Some thinly bedded SILTY turbidites. Very faint color variations. The CLAY contains ~10% FORAMINIFERA.



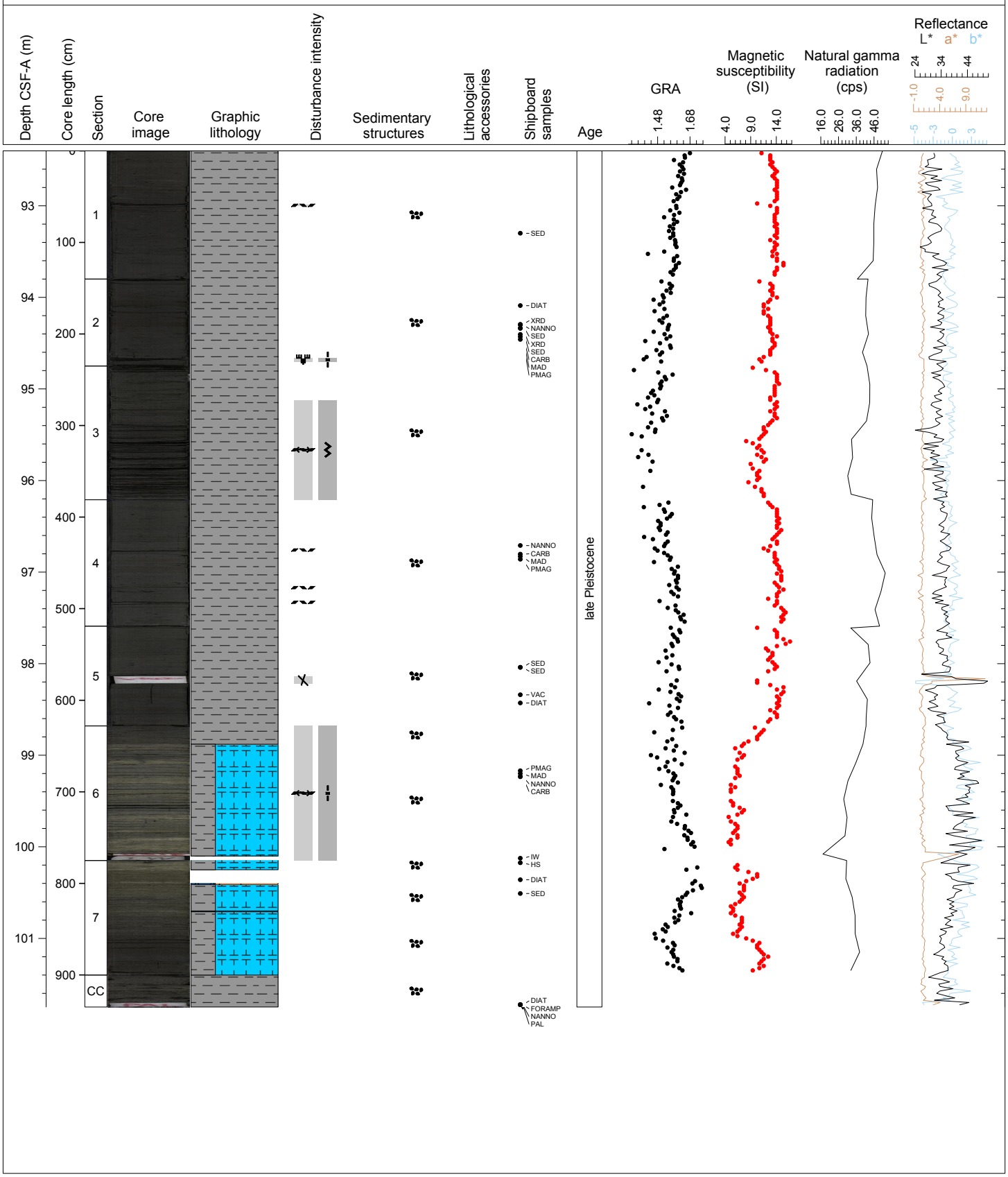
Hole 353-U1445A Core 10H, Interval 82.9-92.62 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) NANNOFOSSIL rich CLAY. General Comments: Some thinly bedded SILTY turbidites. Very faint color variations. The CLAY contains ~10% FORAMINIFERA



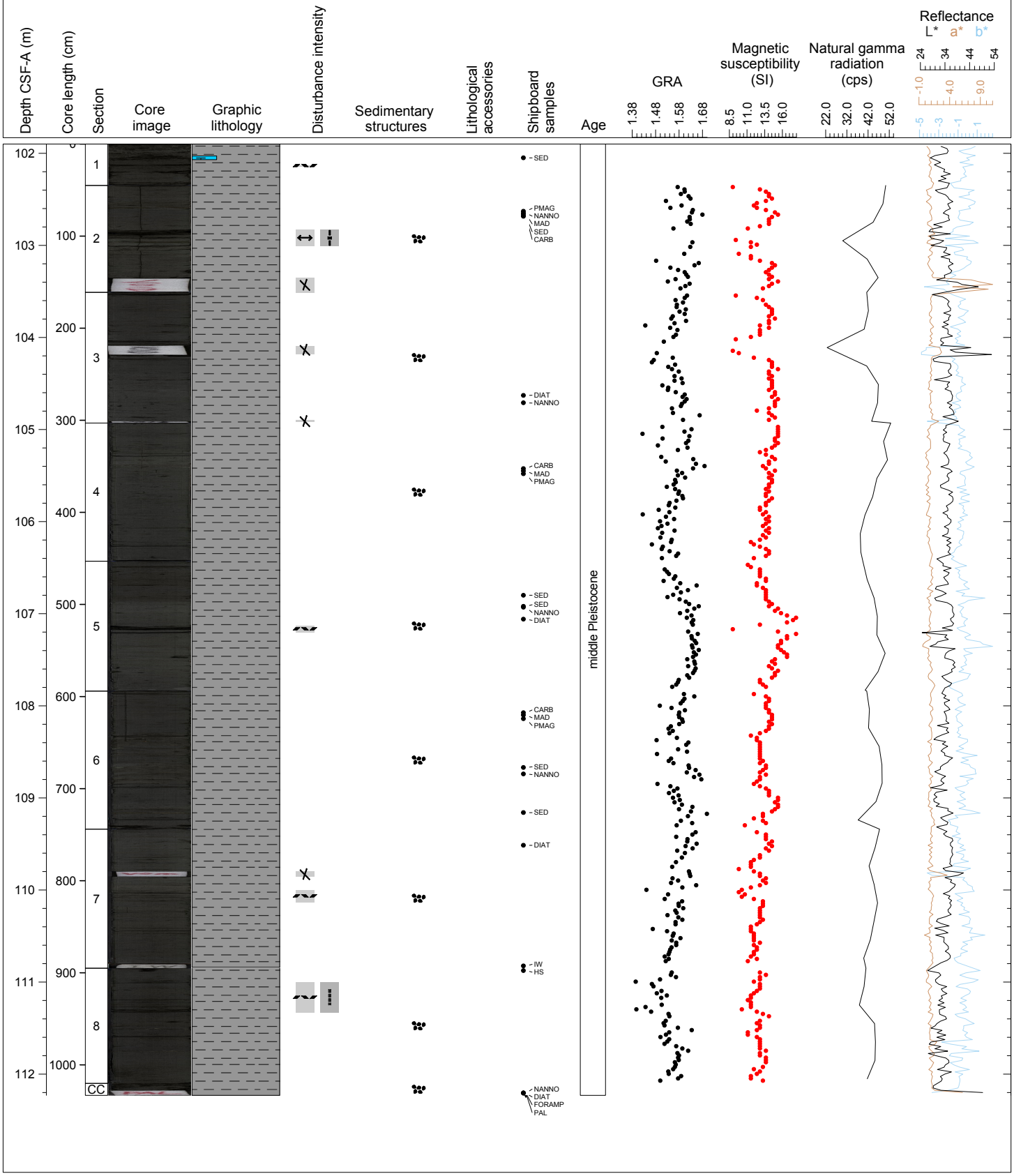
Hole 353-U1445A Core 11H, Interval 92.4-101.75 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) CLAY with NANNOFOSSILS. Minor Lithology: Light gray (5Y 6/2) CLAYEY CALCAREOUS OOZE General Comments: Faint color variations in mottled structures. Striking color variation from dark greenish gray (GLEY 1 4/5GY) to alternating light gray/cream (5Y 6/2) alternations in Section 6 and 7.



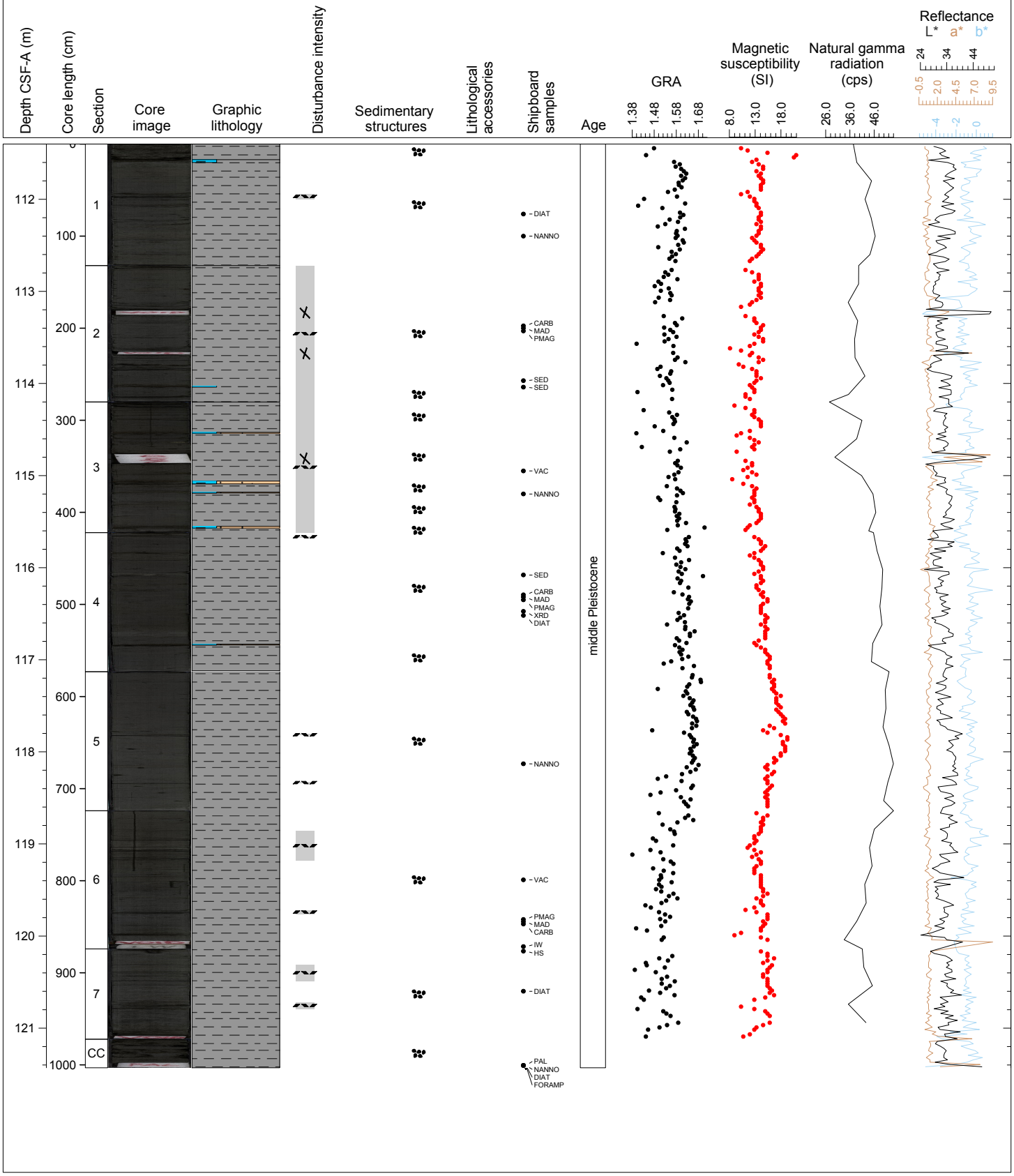
Hole 353-U1445A Core 12H, Interval 101.9-112.23 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) CLAY with NANNOFOSSILS. General Comments: Faint color variations in mottled structures. Thin, wispy, white bands of well-sorted QUARtZ observed in certain sections.



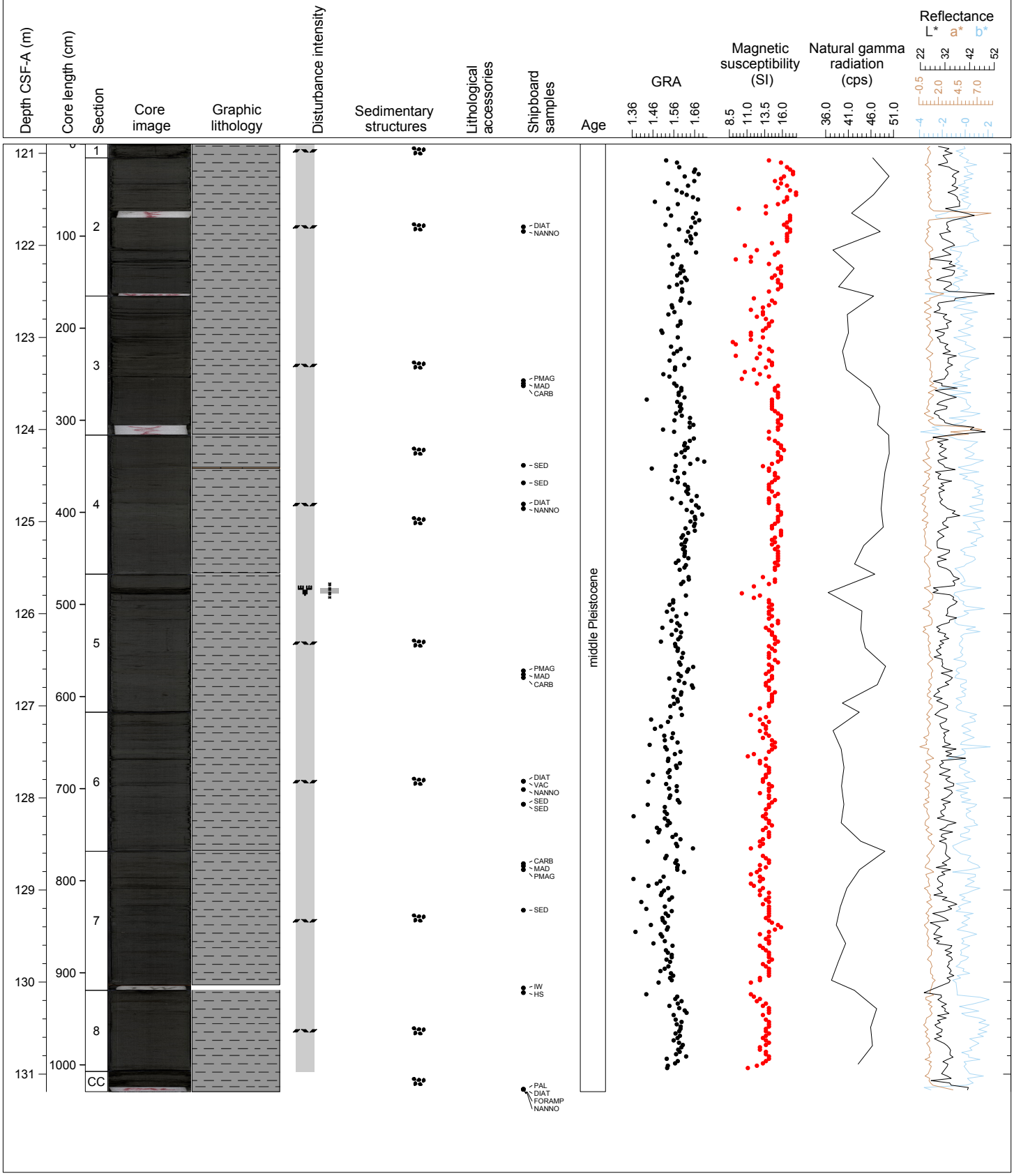
Hole 353-U1445A Core 13H, Interval 111.4-121.43 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) CLAY with NANNOFOSSILS. General Comments: Some thinly bedded turbidites containing FORAMINIFER-rich SILT that are dominated by quartz and also contain mica and pyrite. Very faint color variations, mottling structures, and blebs observed throughout the core.



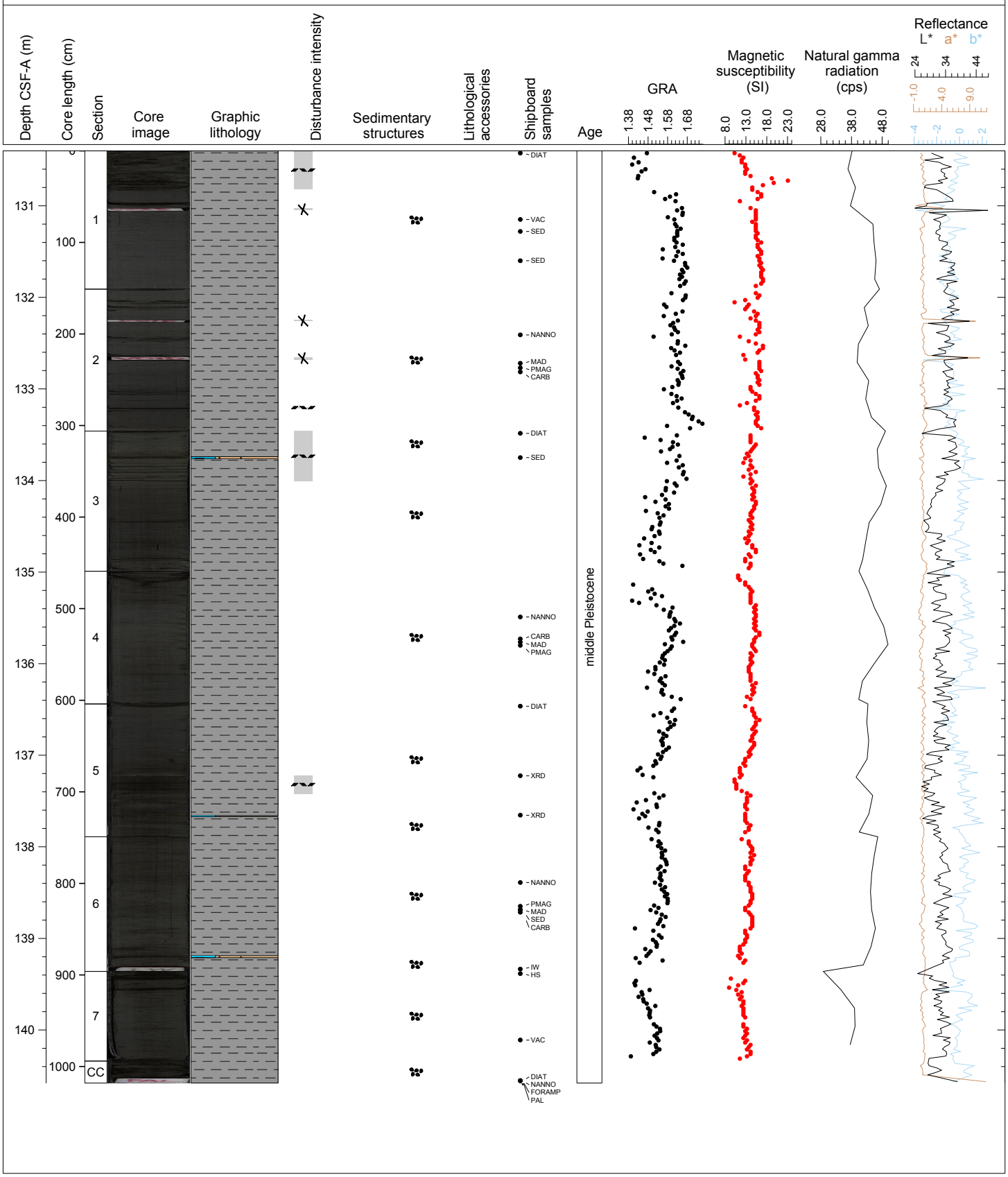
Hole 353-U1445A Core 14H, Interval 120.9-131.19 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) CLAY with NANNOFOSSILS. General Comments: Very faint color variations, mottling structures, and whitish blebs observed throughout the core.



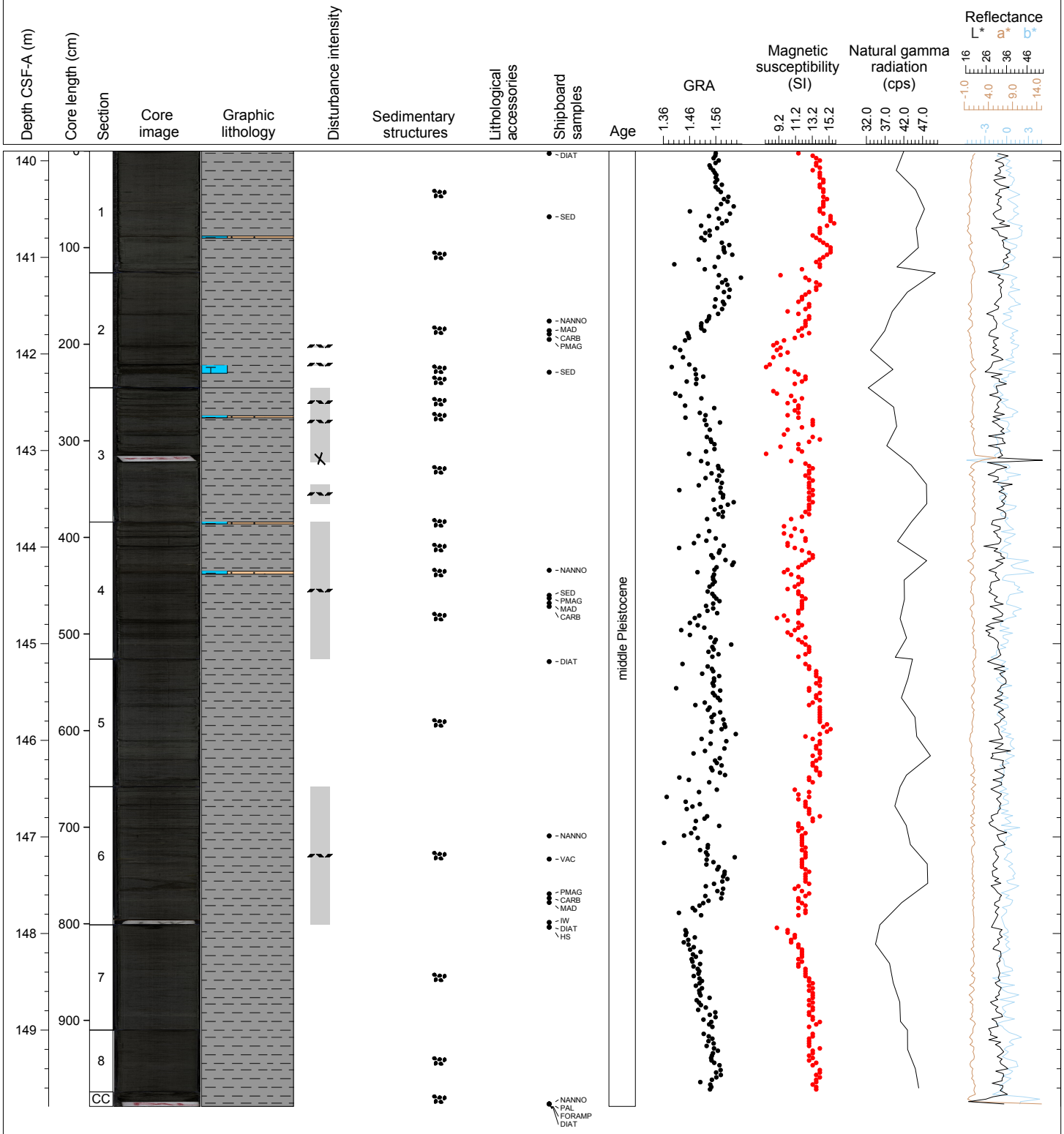
Hole 353-U1445A Core 15H, Interval 130.4-140.58 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) CLAY. General Comments: Some thinly bedded turbidites composed of gray (5Y 4/2) FORAMINIFER-rich SILT. Very faint color variations, mottling structures, and blebs observed throughout the core. Some wispy, thin, white bands of quartz-dominated silt are observed. White bleb increase in frequency in this core.



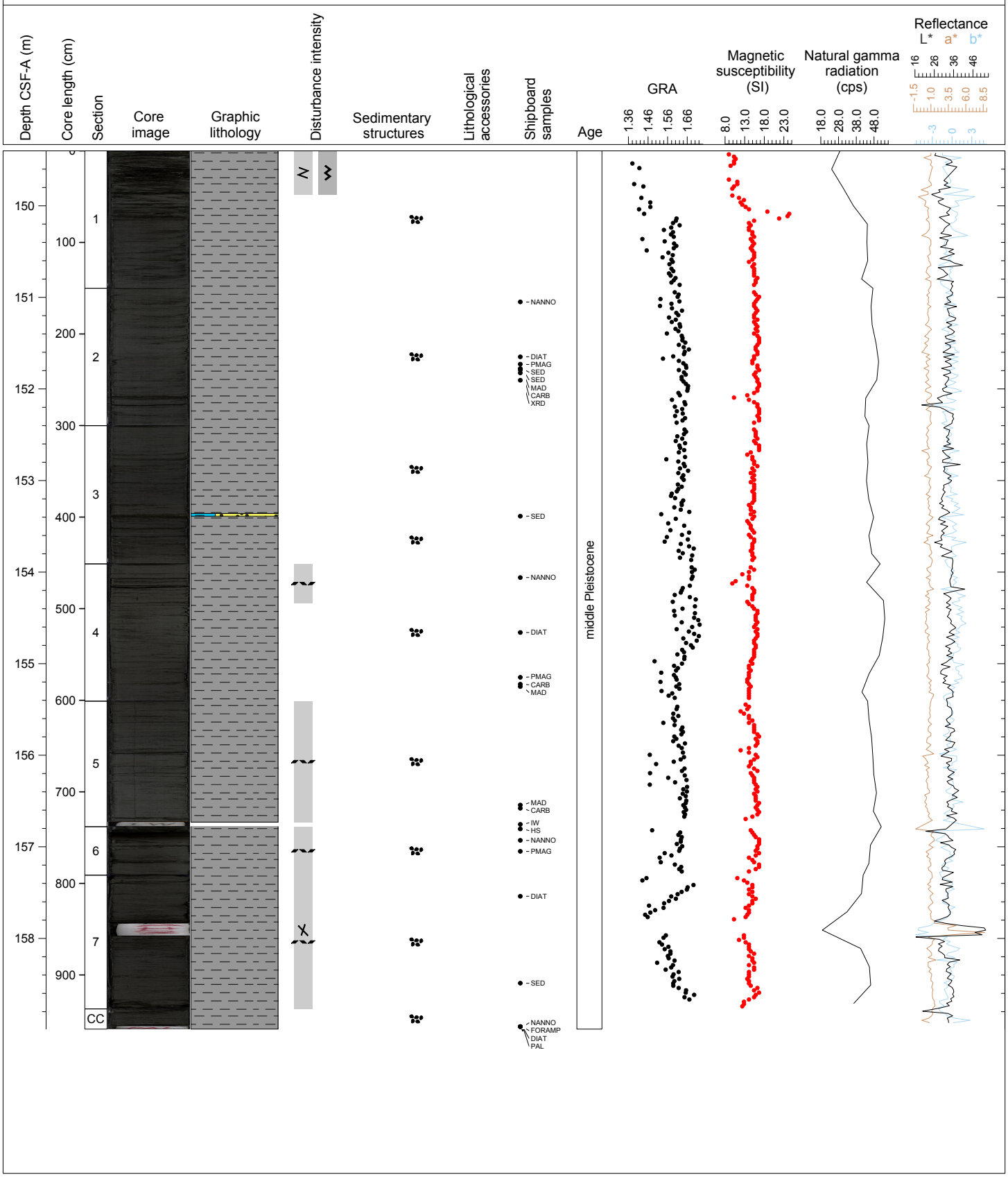
Hole 353-U1445A Core 16H, Interval 139.9-149.79 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) to dark gray (GLEY 1 4/N) CLAY with NANNOFOSSILS. General Comments: Color alternation is visible from section to section. Some thinly bedded turbidites containing gray (2.5Y 3/1) FORAMINIFER-rich SILT. Very faint color variations, mottling structures, and blebs observed throughout the core. Some wispy, thin, white bands of quartz-dominated SILT are observed.



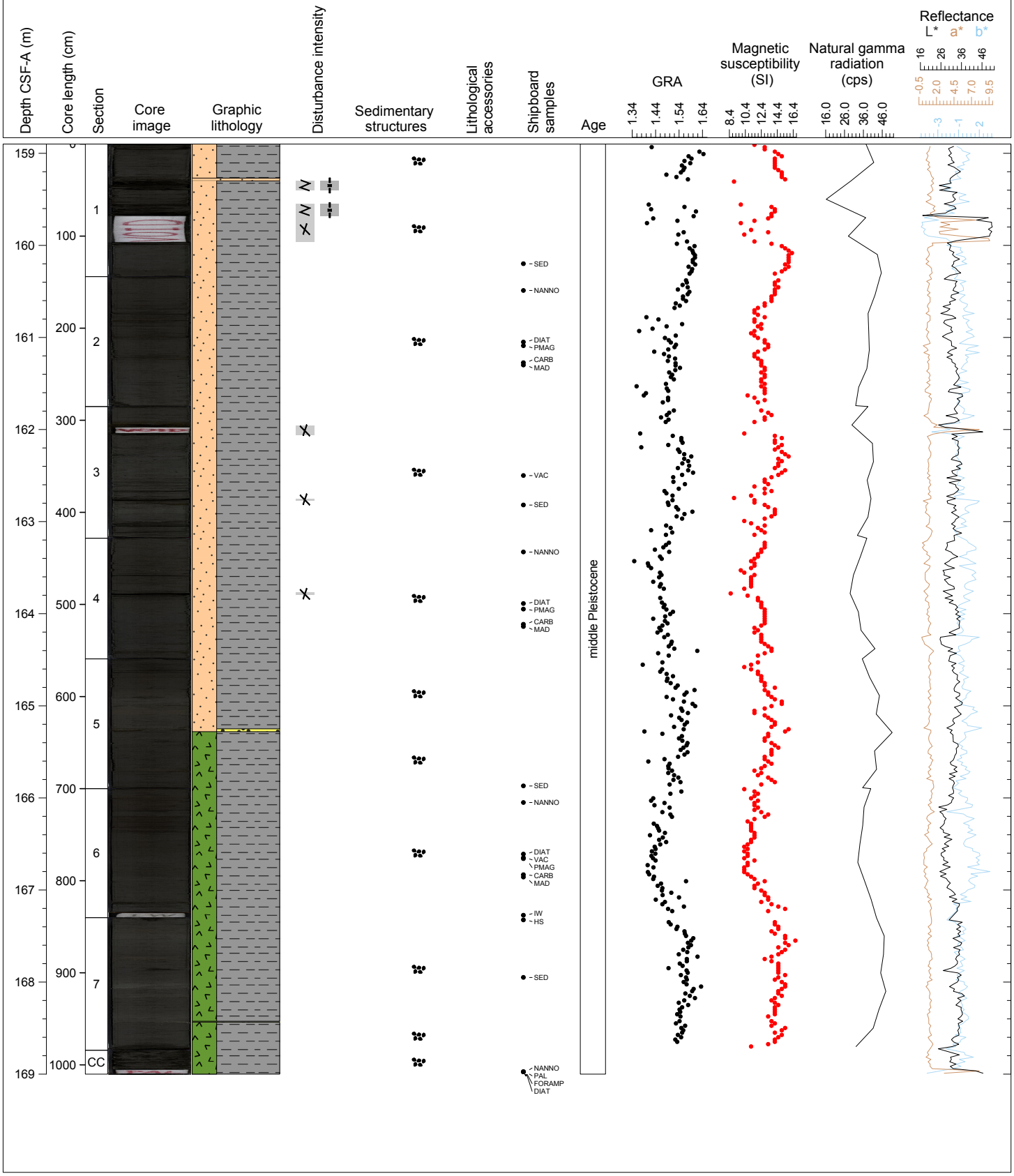
Hole 353-U1445A Core 17H, Interval 149.4-158.99 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 3/10Y) to paler dark greenish gray (GLEY 1 4/10Y) CLAY with NANNOFOSSILS. General Comments: Color alternation is visible from section to section. One thinly bedded turbidite containing gray (2.5Y 3/1) FORAMINIFER-rich SAND in Section 3. Very faint color variations, mottling structures, and blebs observed throughout the core.



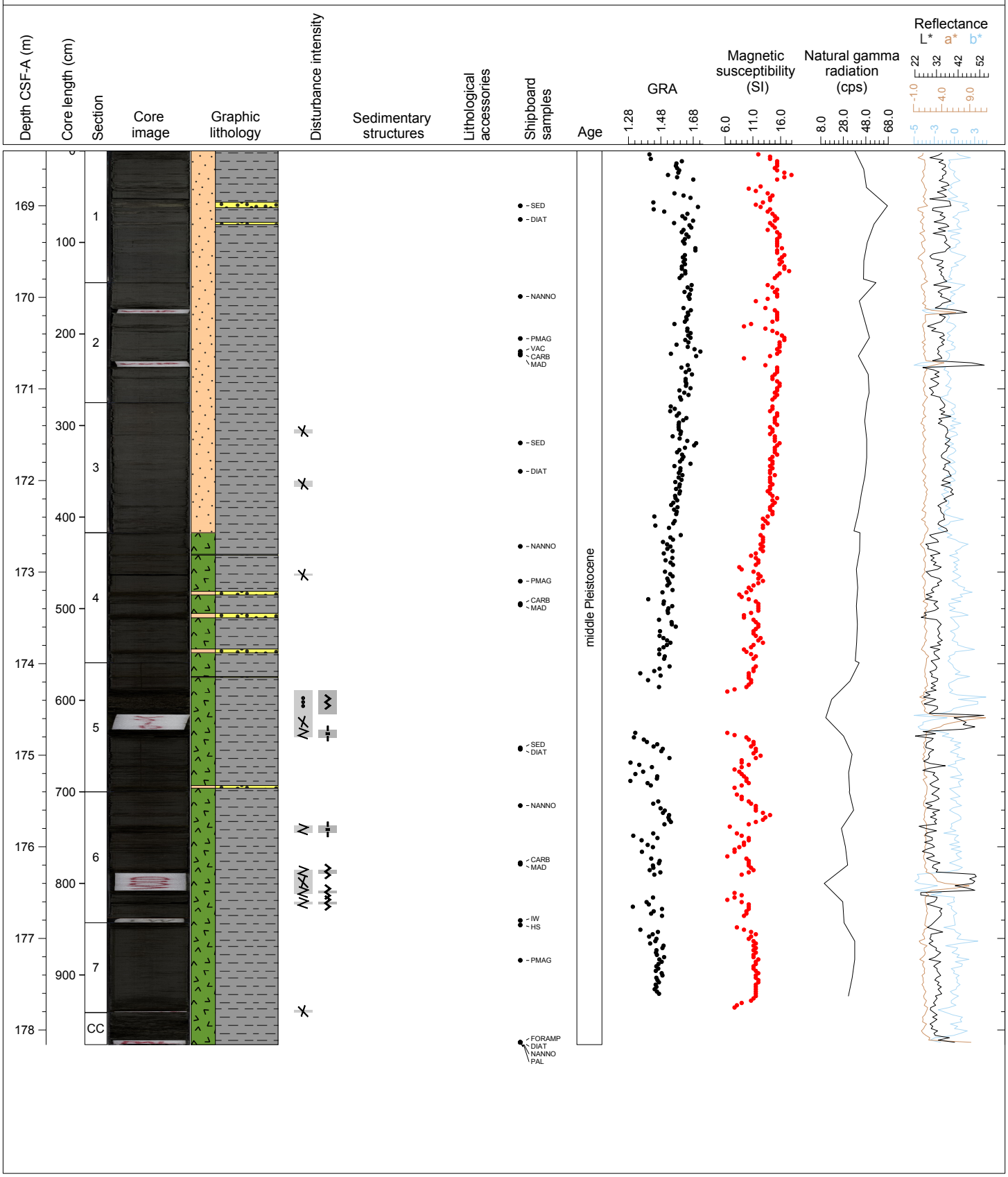
Hole 353-U1445A Core 18H, Interval 158.9-169.0 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with SILT to paler dark greenish gray (GLEY 1 4/10Y) SILTY CLAY with BIOSILICA.
General Comments: Color alternation is visible from section to section. 3 thinly bedded turbidite containing light gray (5Y 7/1) SILT and SAND in Section 1, 5 and 7. Very faint color variations.



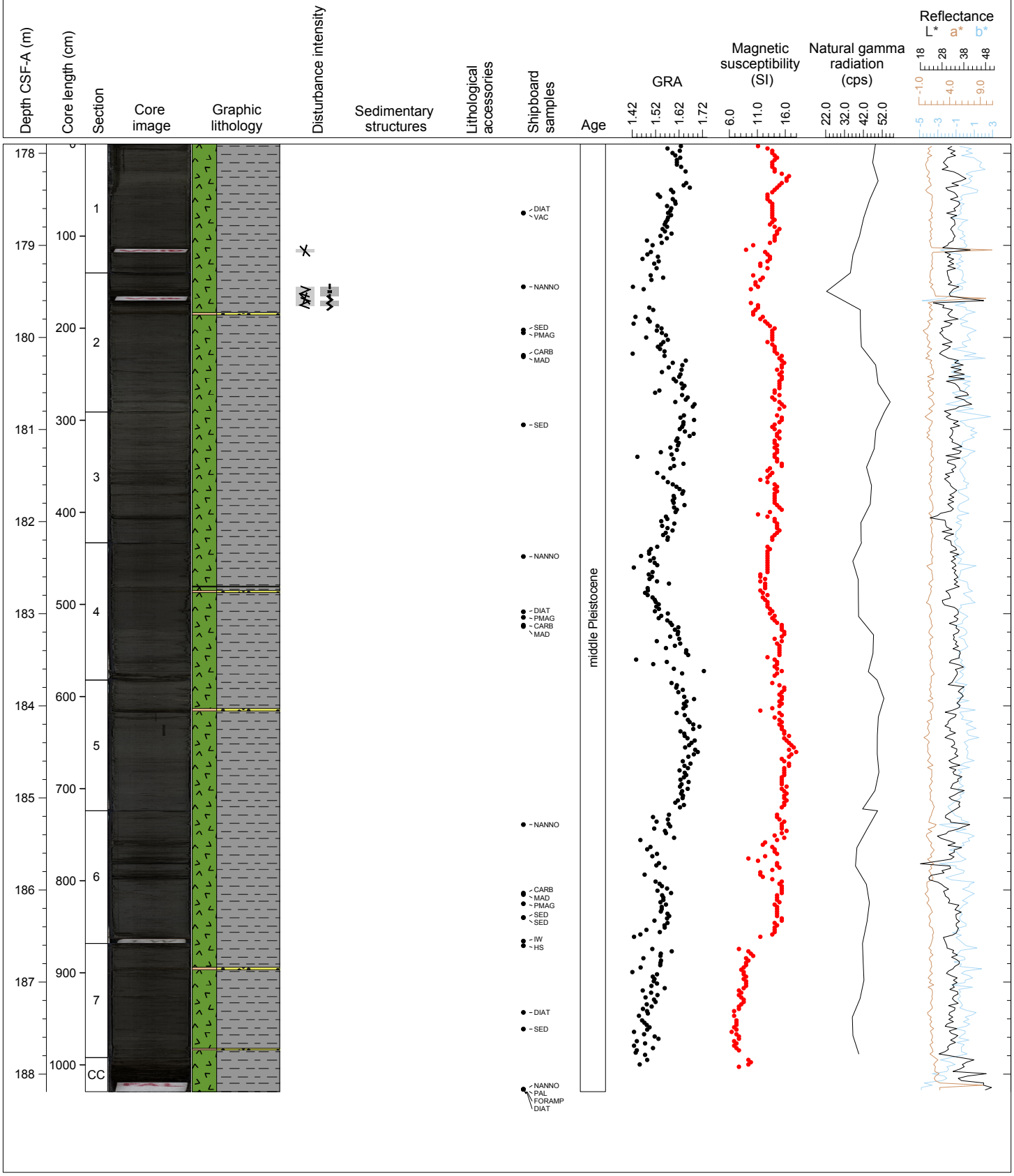
Hole 353-U1445A Core 19H, Interval 168.4-178.16 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with SILT to paler dark greenish gray (GLEY 1 4/10Y) SILTY CLAY with BIOSILICA. General Comments: Color alternation is visible from section to section. 8 thinly bedded turbidite containing light gray (5Y 7/1, Section 1) and olive brown (2.5Y 5/3, Section 4 and 5) SAND. Very faint color variations.



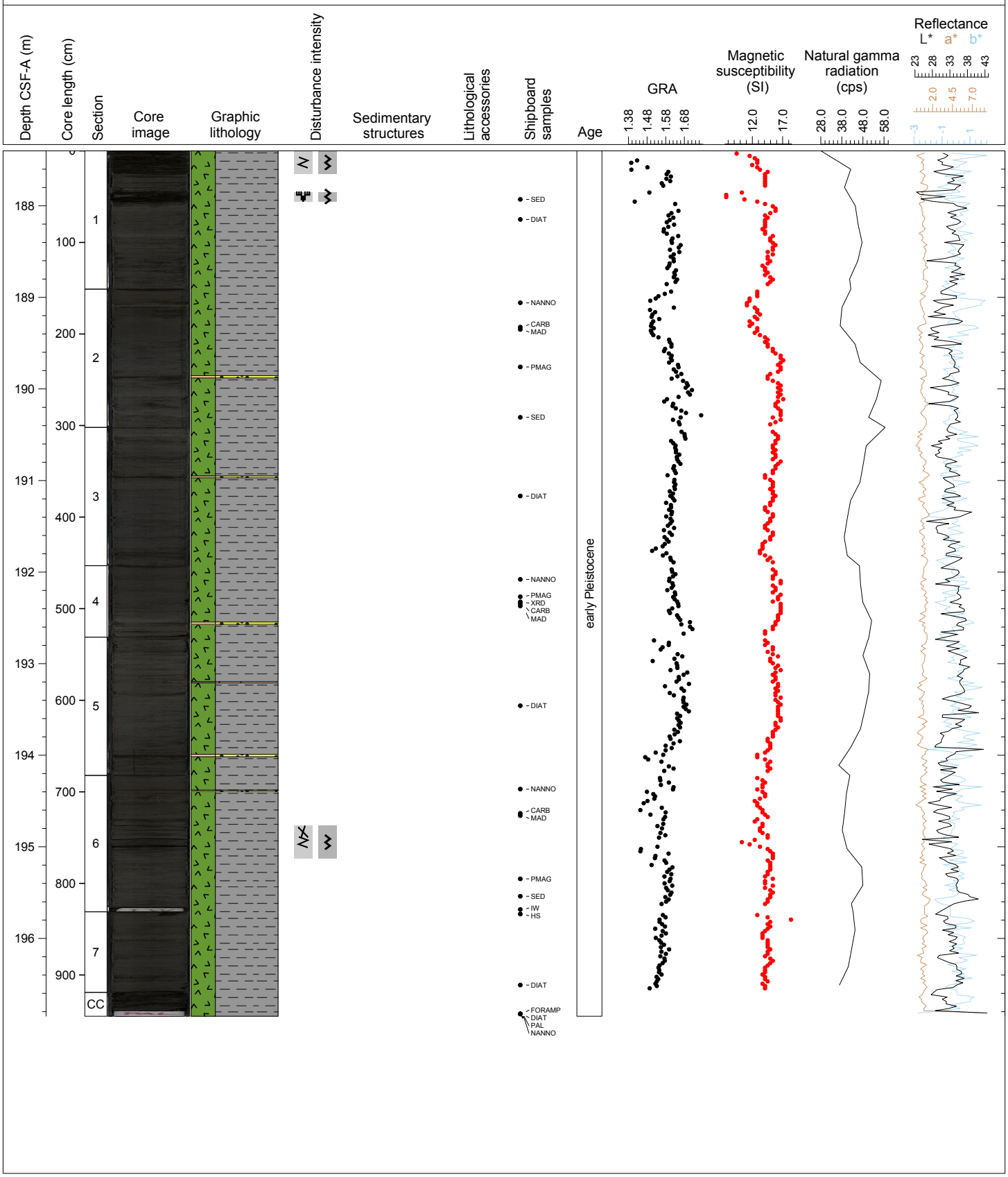
Hole 353-U1445A Core 20H, Interval 177.9-188.19 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with SILT and BIOSILICA rich CLAY with GLAUCONITE. General Comments: Color alternation is visible from section to section. 6 thinly bedded turbidite containing light gray (5Y 7/1, Section 4) and olive brown (2.5Y 5/3, Section 2, 4, 5 and 7) SAND. Very faint color variations. Some light gray (5Y 7/1) blebs in Section 1, 5 and 7.



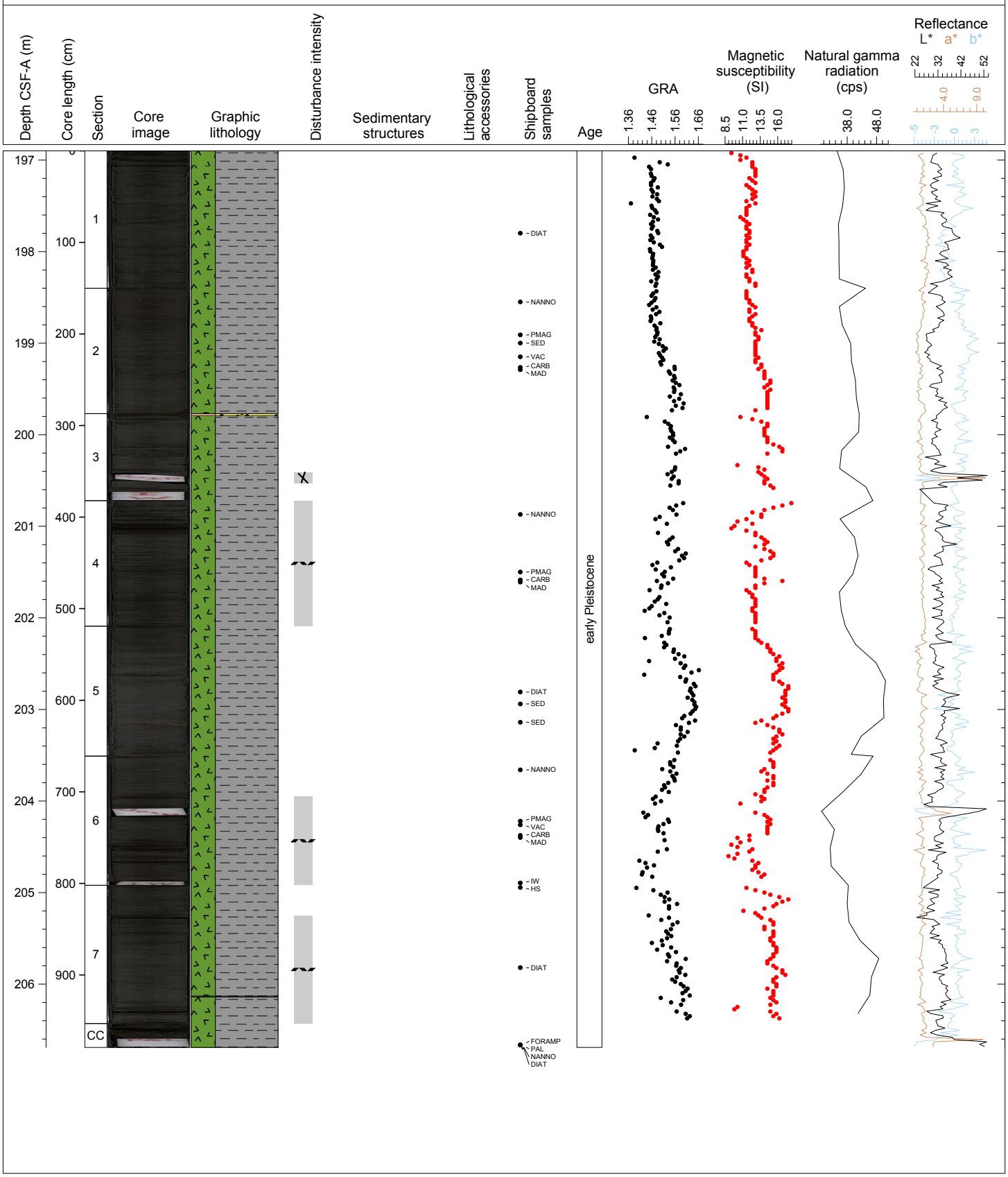
Hole 353-U1445A Core 21H, Interval 187.4-196.85 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 3/10Y) to paler dark greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Color alternation is visible from section to section. 6 thinly bedded turbidite containing light gray (5Y 7/1, Section 5) SILT and olive brown (2.5Y 5/3, Section 2, 3, 4, 5 and 6) SAND. Very faint color variations. Some light gray (5Y 7/1) blebs along the core.



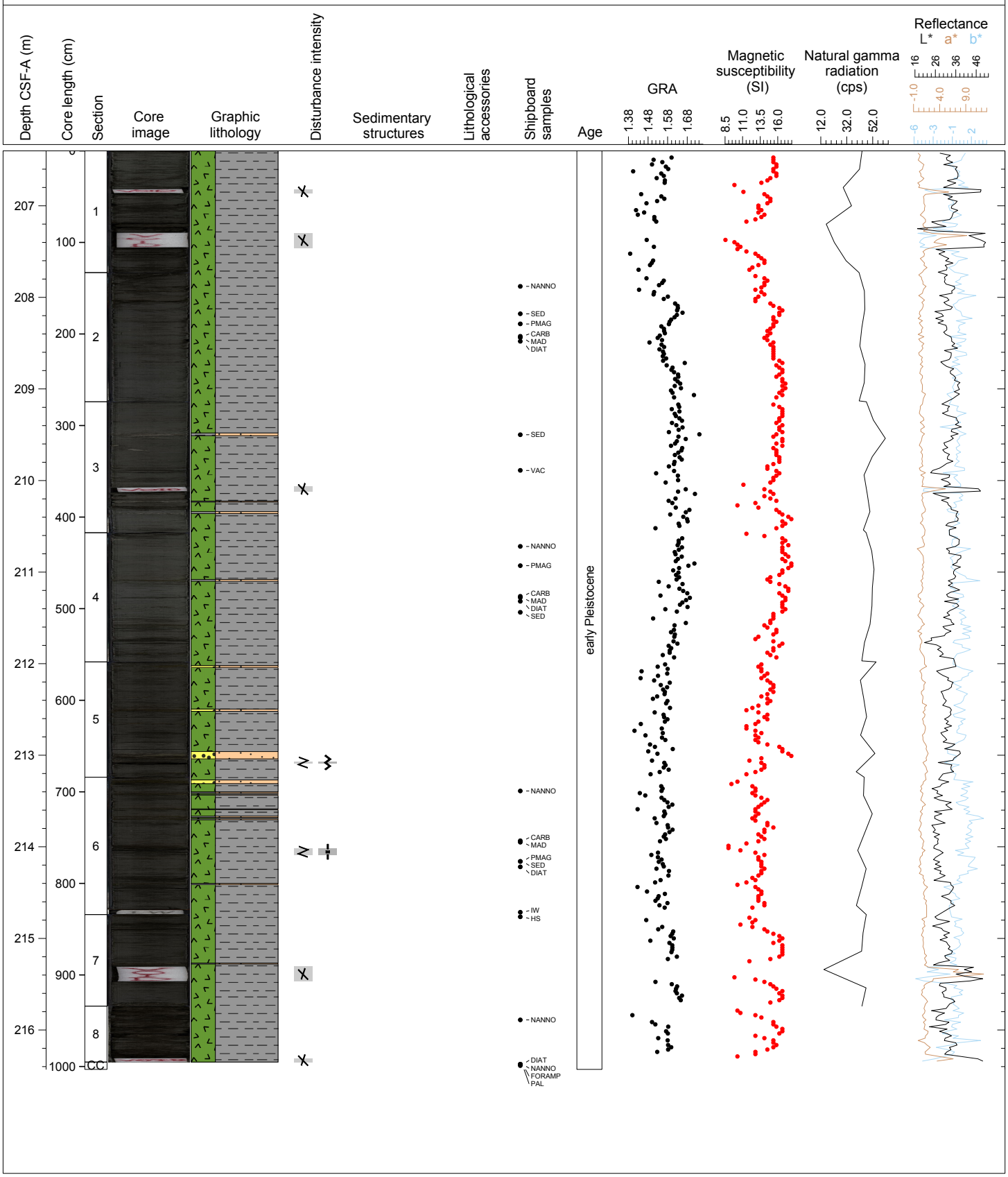
Hole 353-U1445A Core 22H, Interval 196.9-206.69 m (CSF-A)

Major Lithology: Greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with GLAUCONITE to paler greenish gray (GLEY 1 5/10Y) DIATOM rich CLAY with NANNOFOSSILS. General Comments: Color alternation is visible from section to section. 2 thinly bedded turbidite containing light gray (5Y 7/1, Section 7) SILT and olive brown (2.5Y 5/3, Section 3) SAND. Very faint color variations. Some light gray (5Y 7/1) blebs along the core.



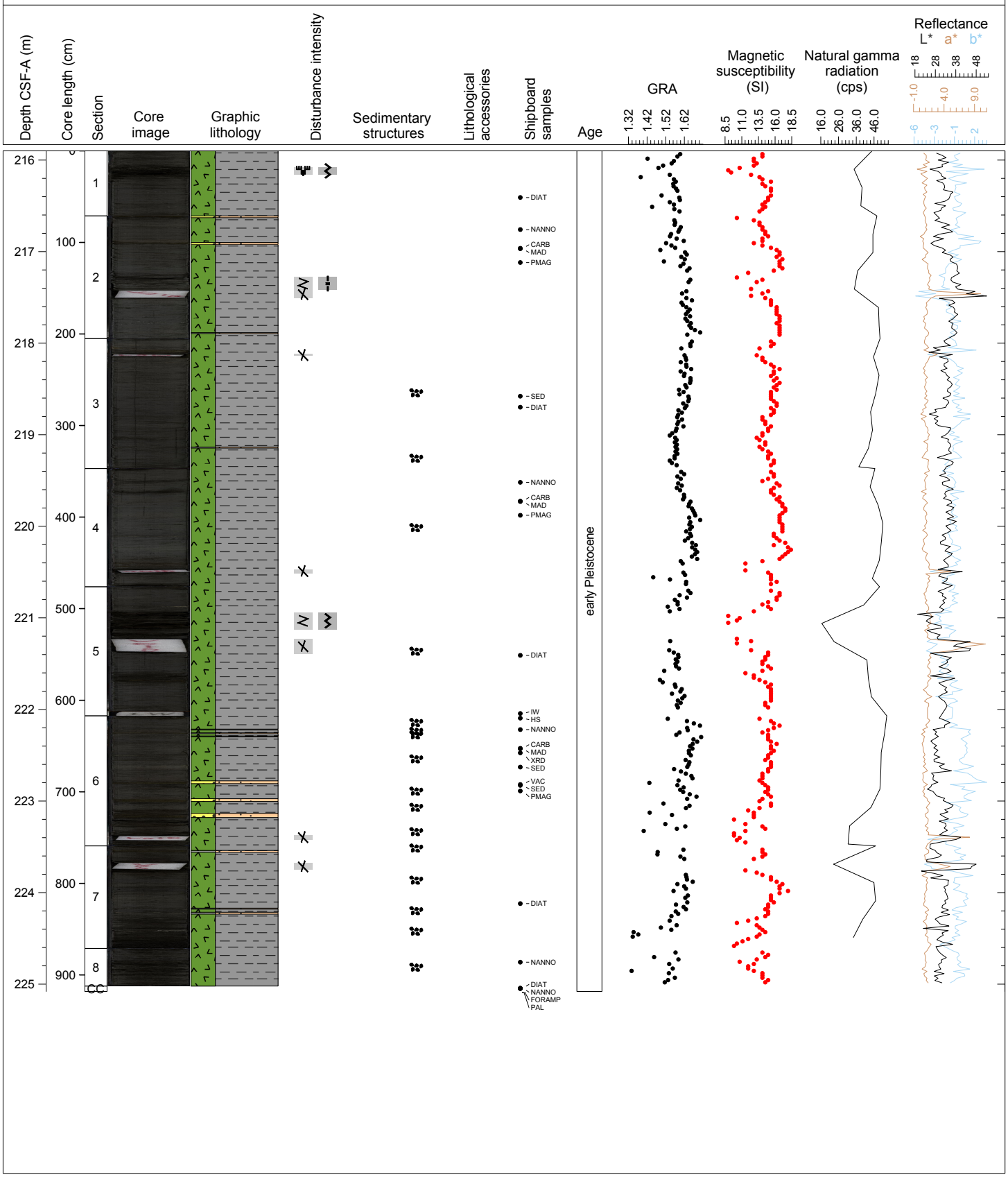
Hole 353-U1445A Core 23H, Interval 206.4-216.43 m (CSF-A)

Major Lithology: Greenish gray (GLEY 1 4/10Y) to paler greenish gray (GLEY 1 5/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Color alternation is visible from section to section. Some thinly bedded turbidite containing light gray (5Y 7/1) SILT and olive brown (2.5Y 5/3) SAND. Very faint color variations. Some light gray (5Y 7/1) blebs along the core.



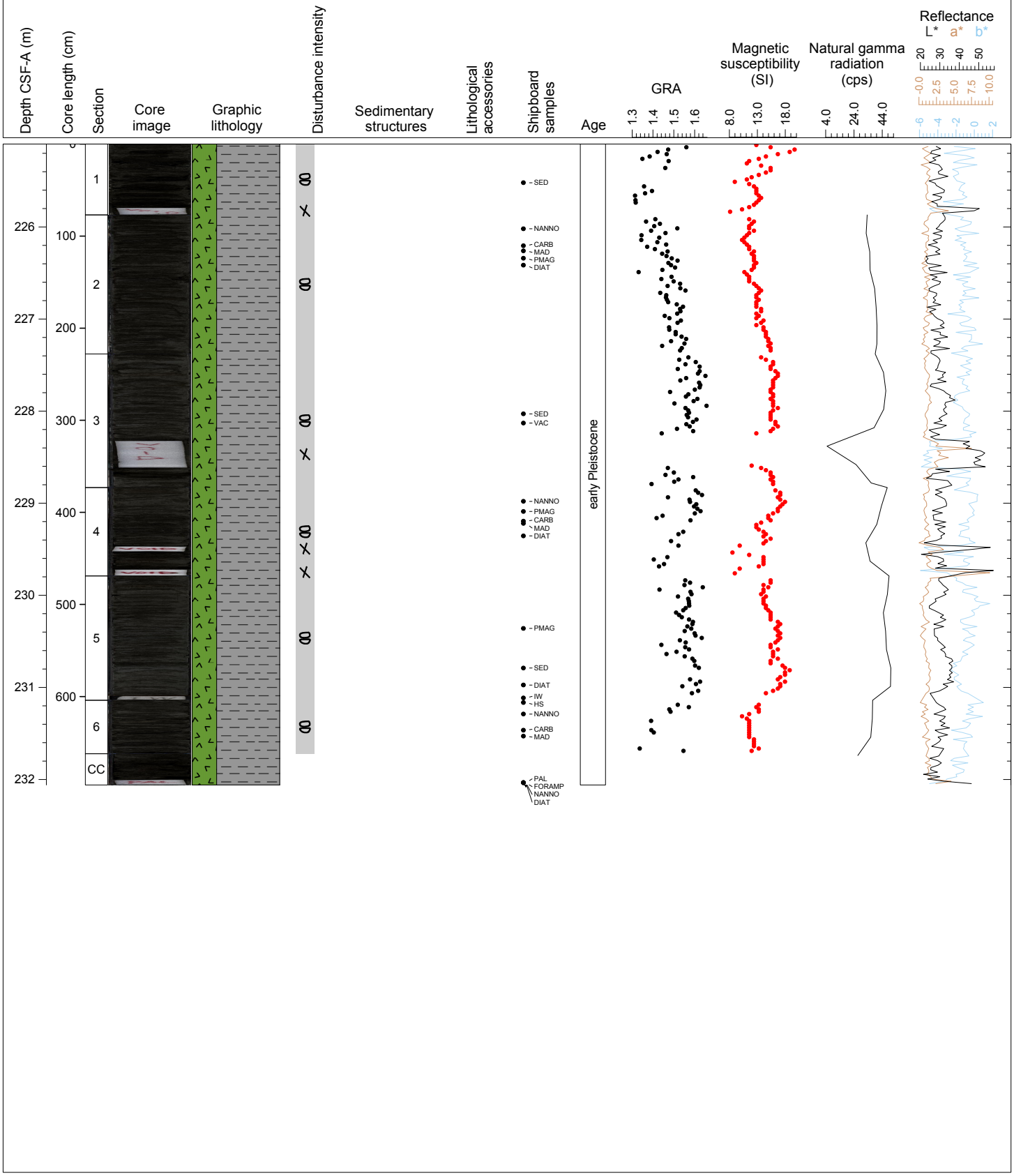
Hole 353-U1445A Core 24H, Interval 215.9-225.08 m (CSF-A)

Major Lithology: Greenish gray (GLEY 1 4/10Y) to paler greenish gray (GLEY 1 5/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Color alternation is visible from section to section. Some thinly bedded turbidite containing light gray (5Y 7/1) SILT and olive brown (2.5Y 5/3) SAND. Faint color variations. Some light gray (5Y 7/1) and olive brown (2.5Y 5/3) blebs along the core.



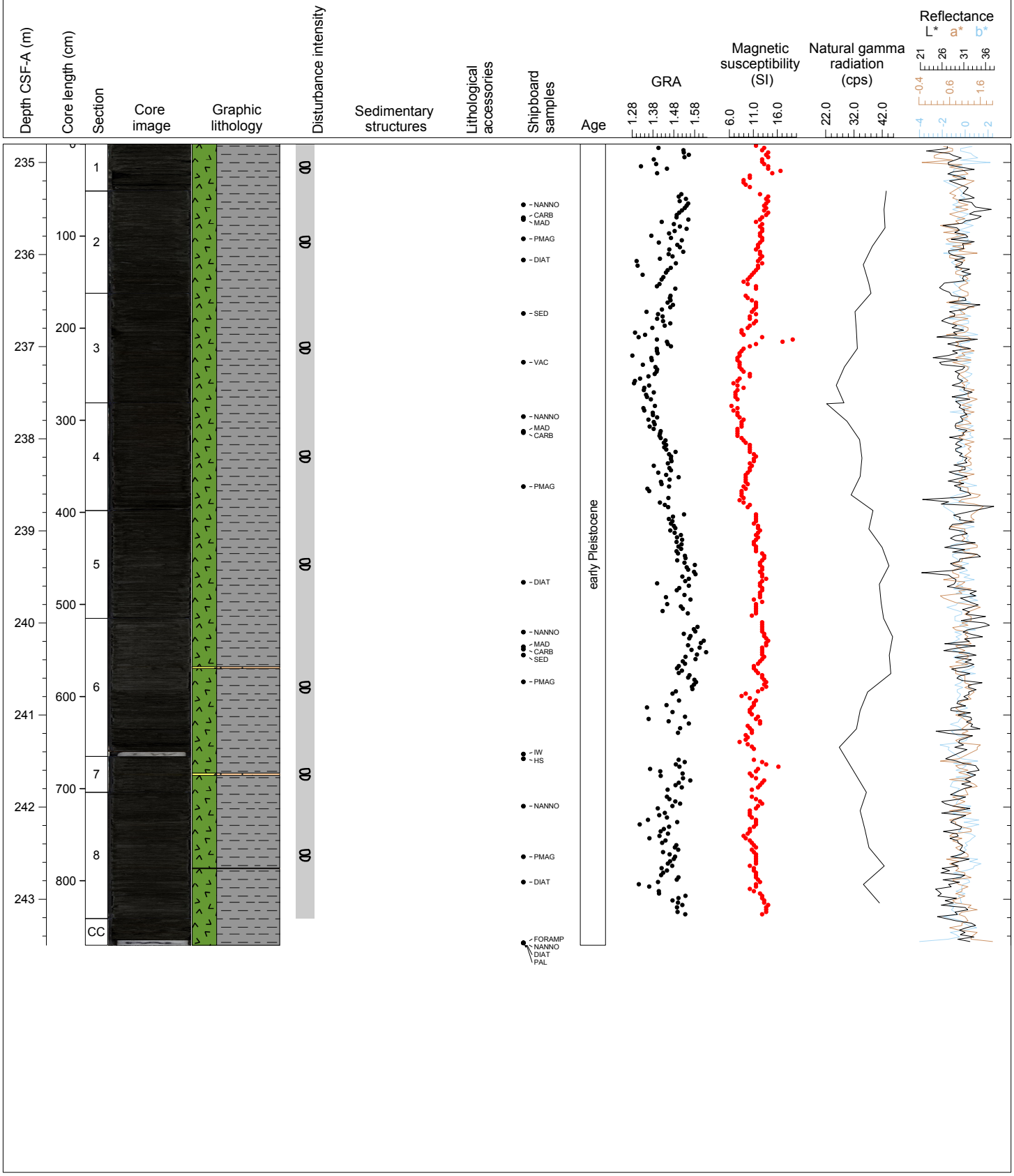
Hole 353-U1445A Core 25X, Interval 225.1-232.06 m (CSF-A)

Major Lithology: Greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY and BIOSILICA rich CLAY with GLAUCONITE. General Comments: Biscuits (5 cm scale) all along the section.



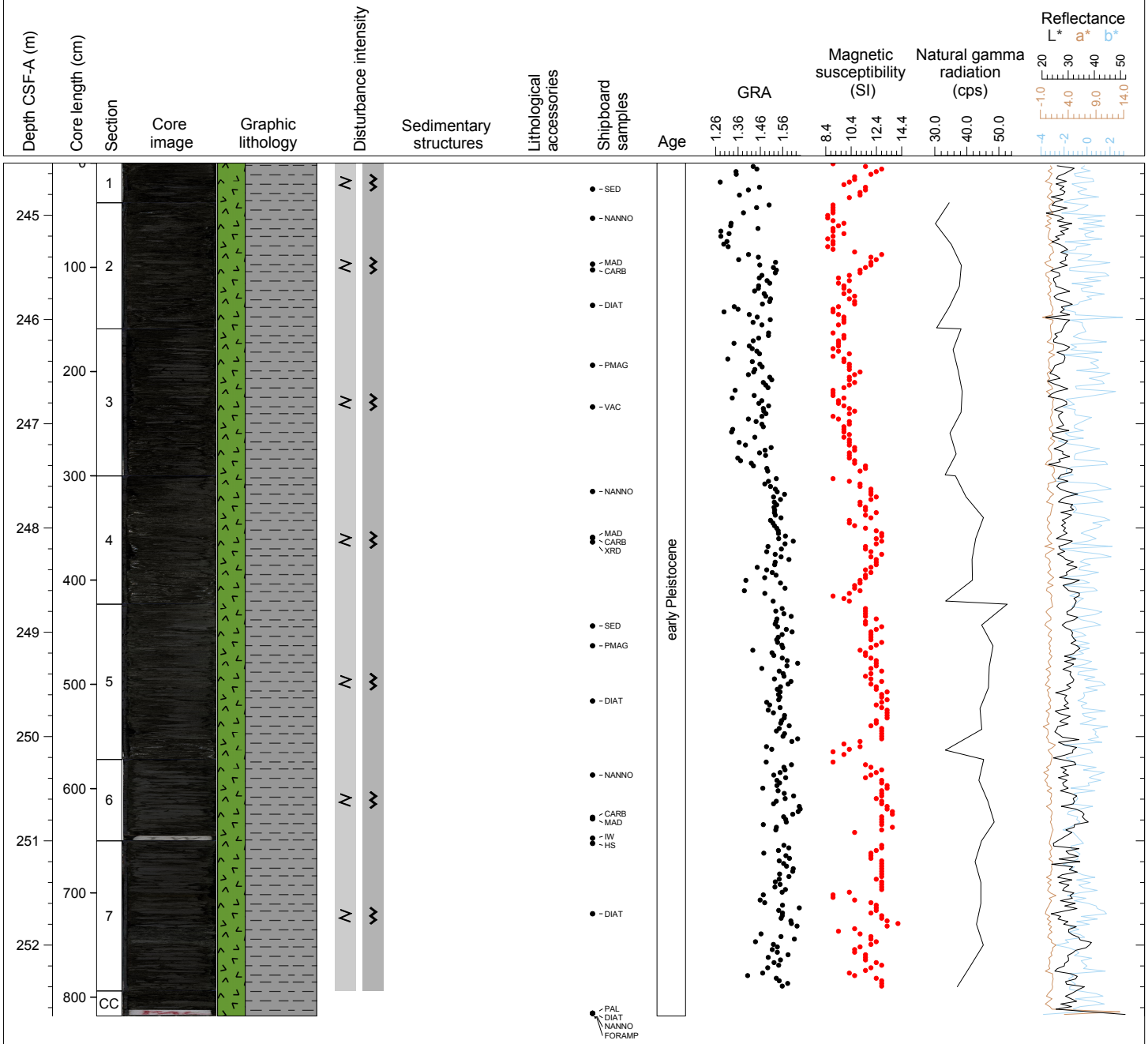
Hole 353-U1445A Core 26X, Interval 234.8-243.5 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 3/10Y) to paler dark greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Thinly bedded turbidite containing olive brown (2.5Y 5/3) SAND. Very faint color variations. Biscuits (5 cm scale) all along the section.



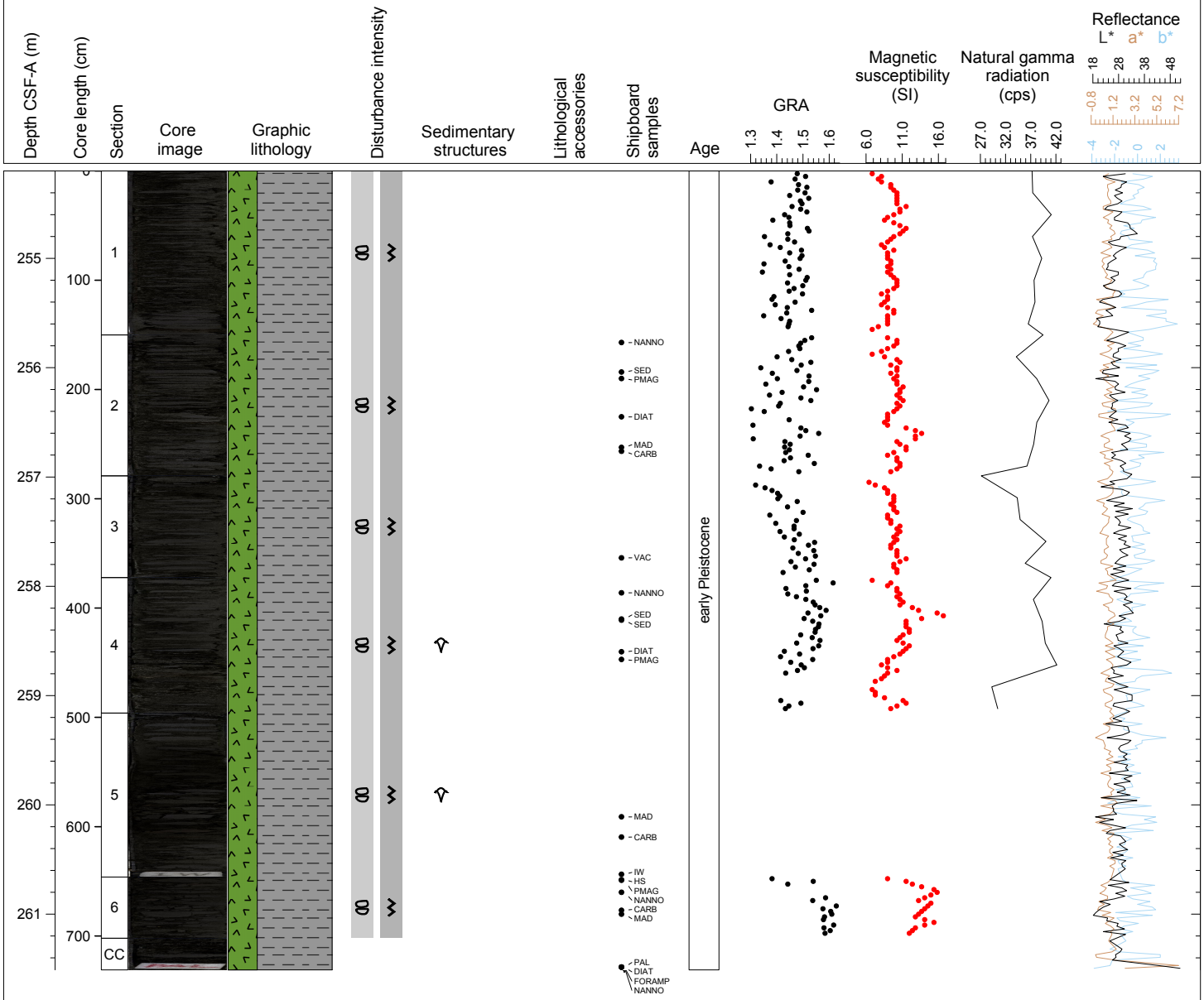
Hole 353-U1445A Core 27X, Interval 244.5-252.68 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 3/10Y) to paler dark greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Biscuits. Fragments (variable size) of consolidated sediments alternating with mud all along the section.



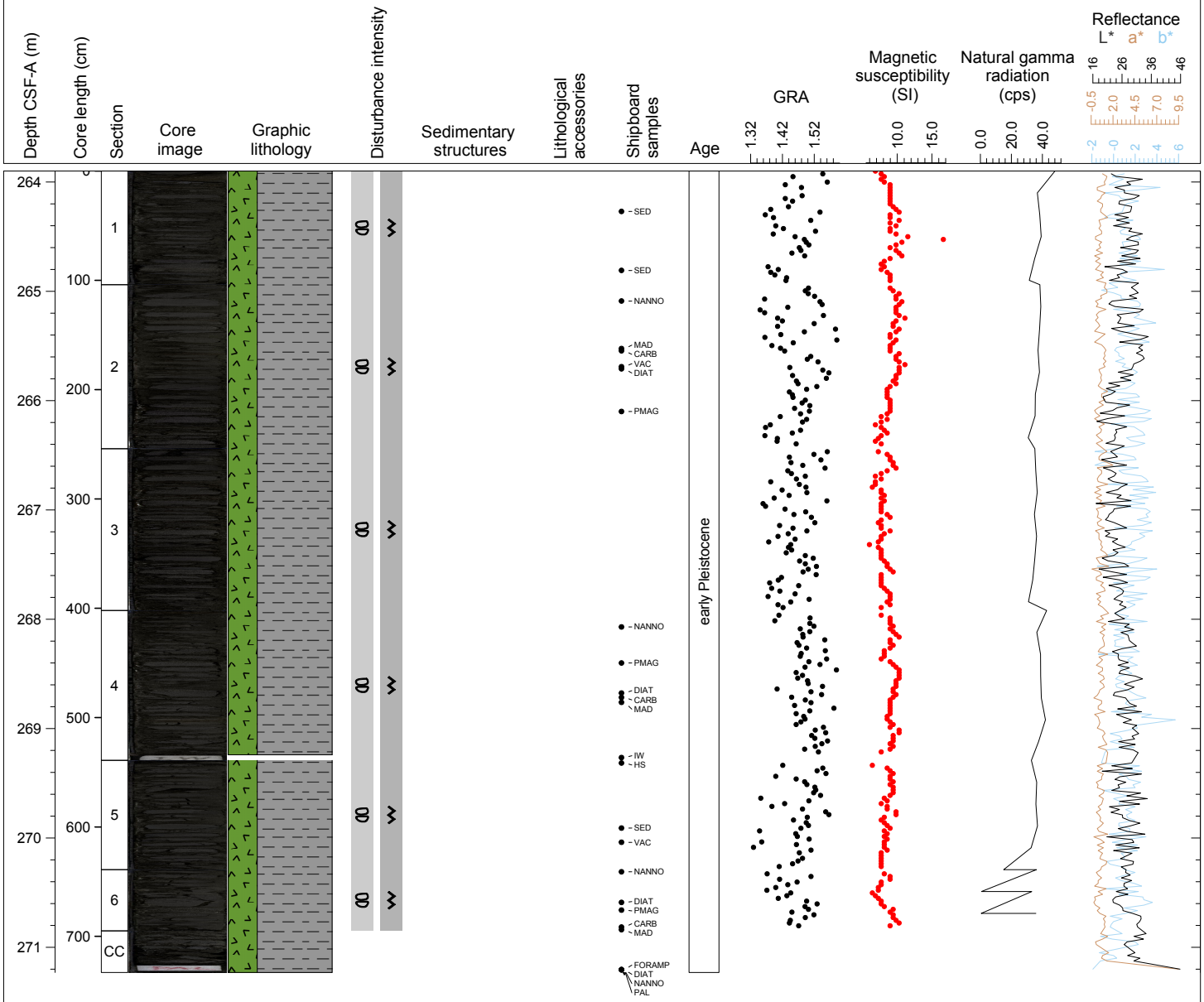
Hole 353-U1445A Core 28X, Interval 254.2-261.51 m (CSF-A)

Major Lithology: Dark greenish black (GLEY 1 2.5/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous and sometimes burrows are observed in the intact, biscuited portions. The clay is well consolidated.



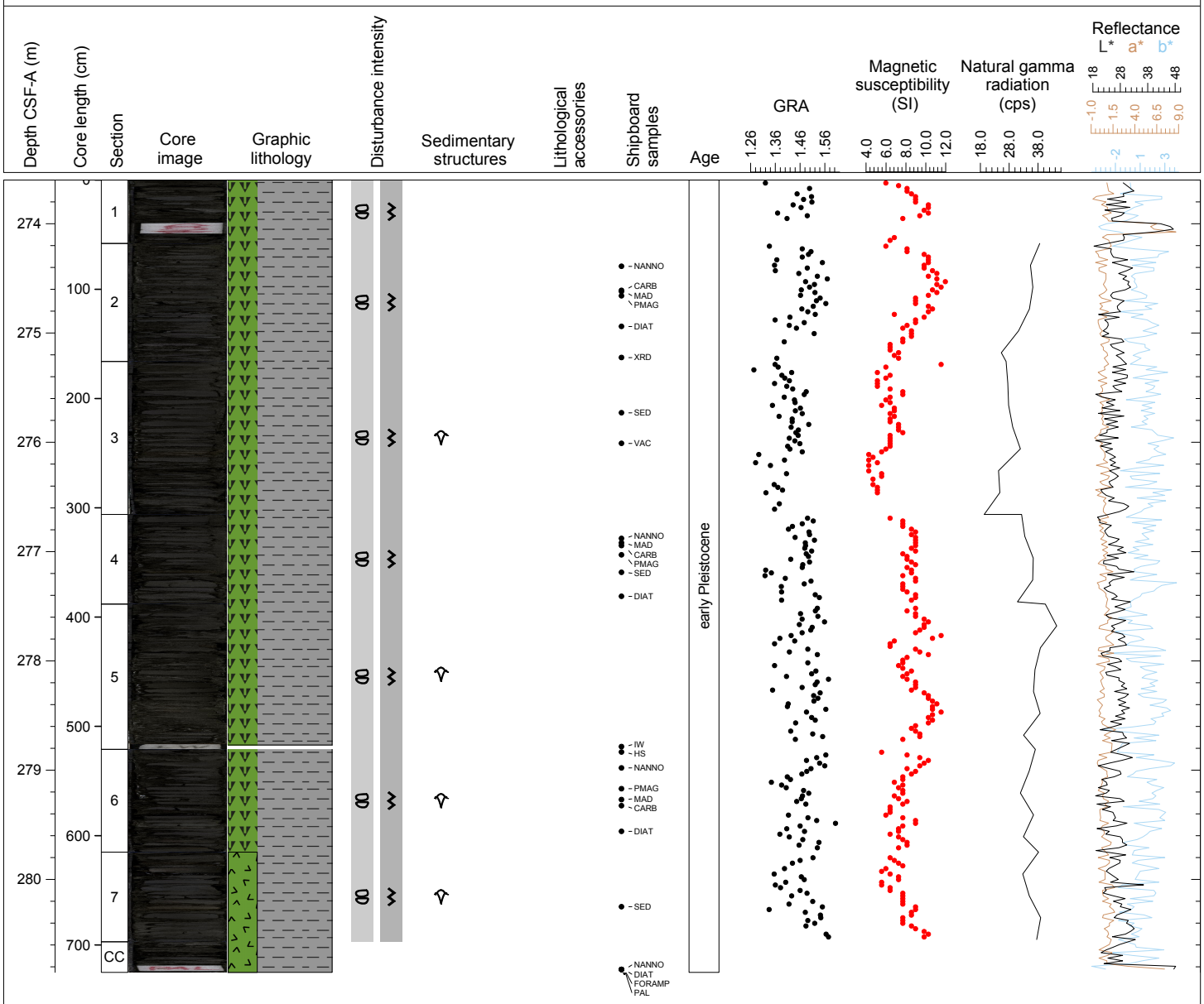
Hole 353-U1445A Core 29X, Interval 263.9-271.23 m (CSF-A)

Major Lithology: Alternating dark greenish black (GLEY 1 2.5/10Y) to dark greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with GLAUCONITE and PYRITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. The clay is well consolidated.



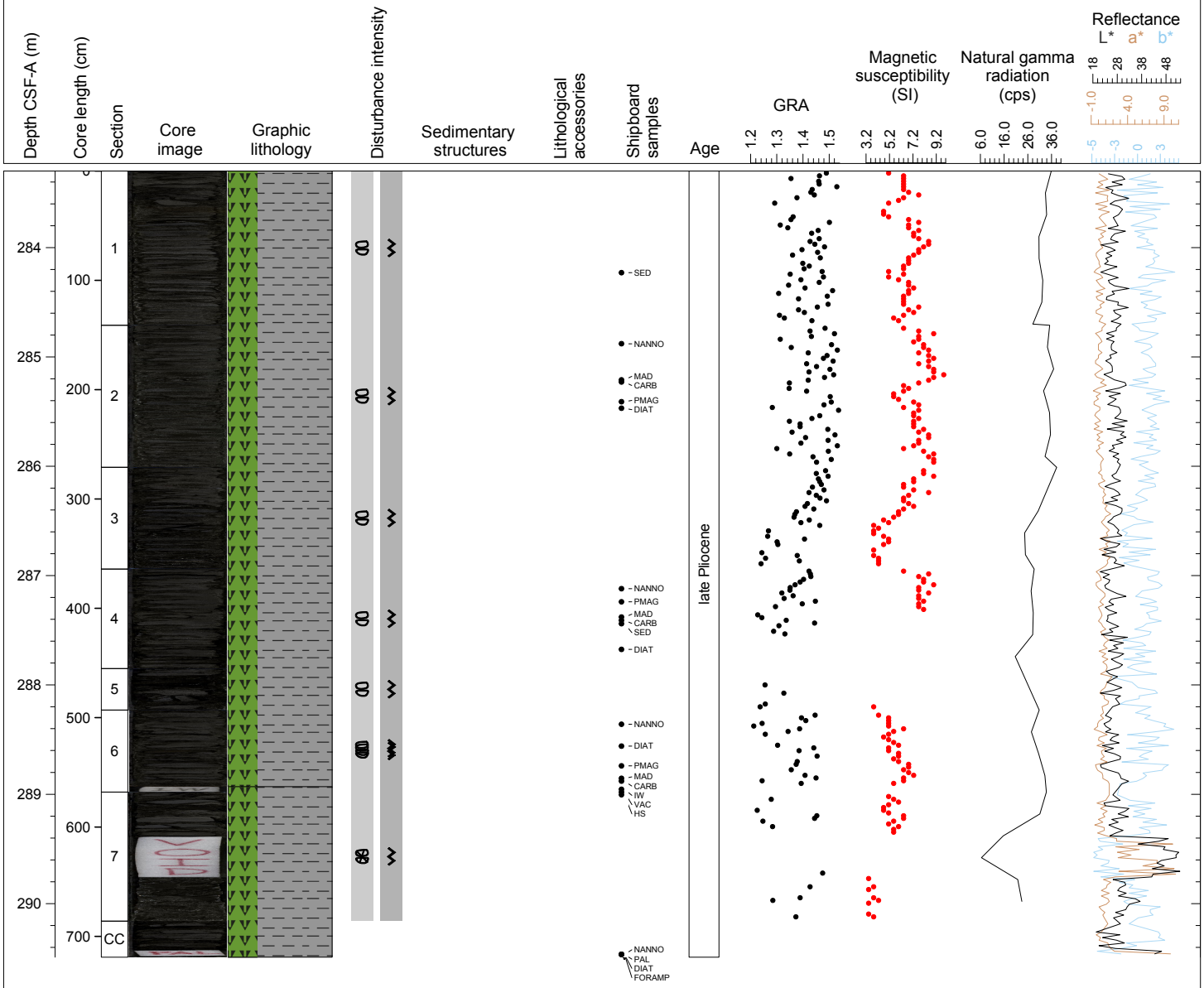
Hole 353-U1445A Core 30X, Interval 273.6-280.85 m (CSF-A)

Major Lithology: Alternating dark greenish black (GLEY 1 2.5/10Y) to dark gray (GLEY 1 3/N) DIATOM rich CLAY with GLAUCONITE and PYRITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Some chondrites and zoophycus burrows visible in lower sections of the core. The clay is well consolidated.



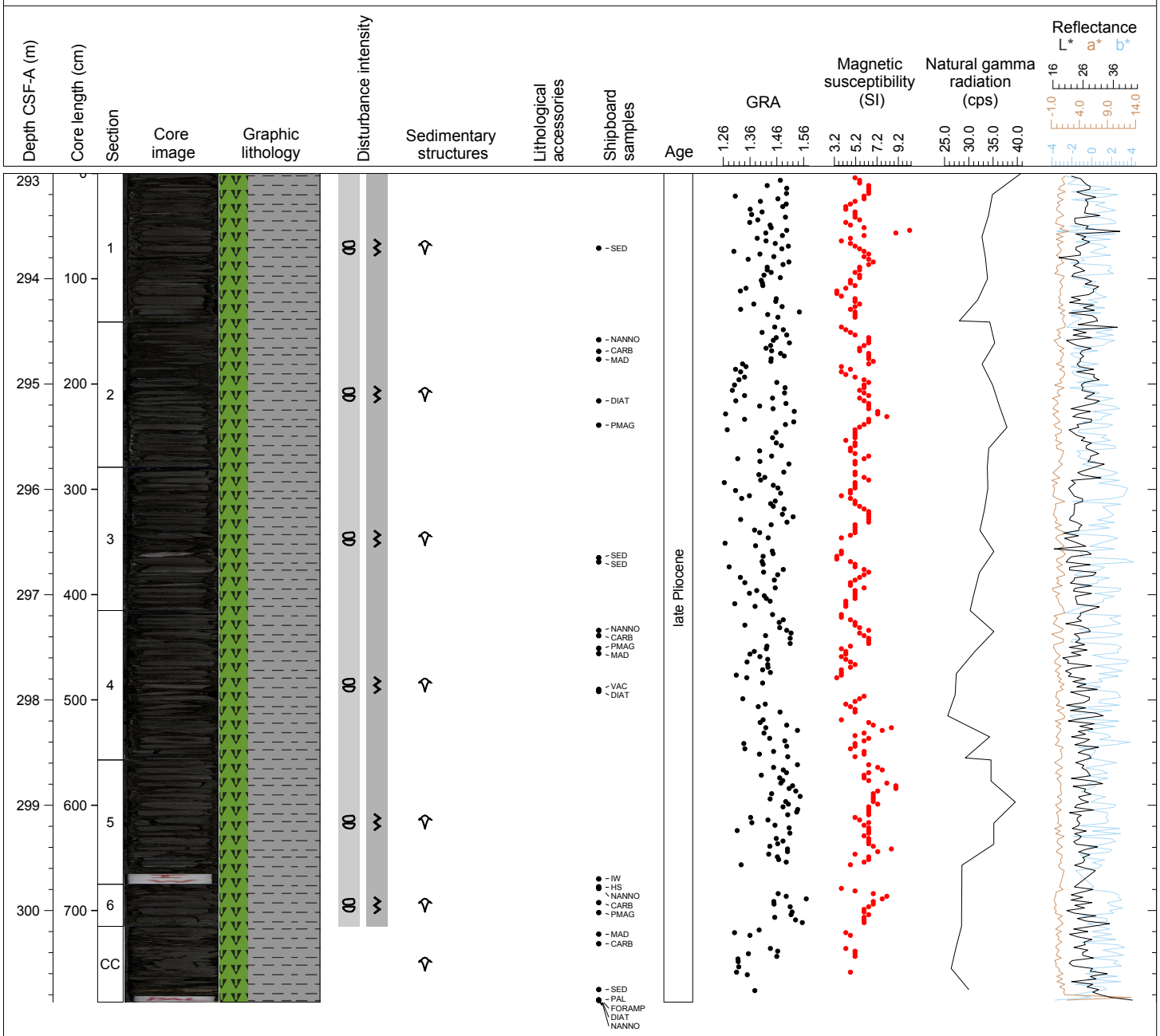
Hole 353-U1445A Core 31X, Interval 283.3-290.49 m (CSF-A)

Major Lithology: Dark gray (GLEY 1 3/N) DIATOM rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is a homogeneous deposit. The clay is well consolidated.



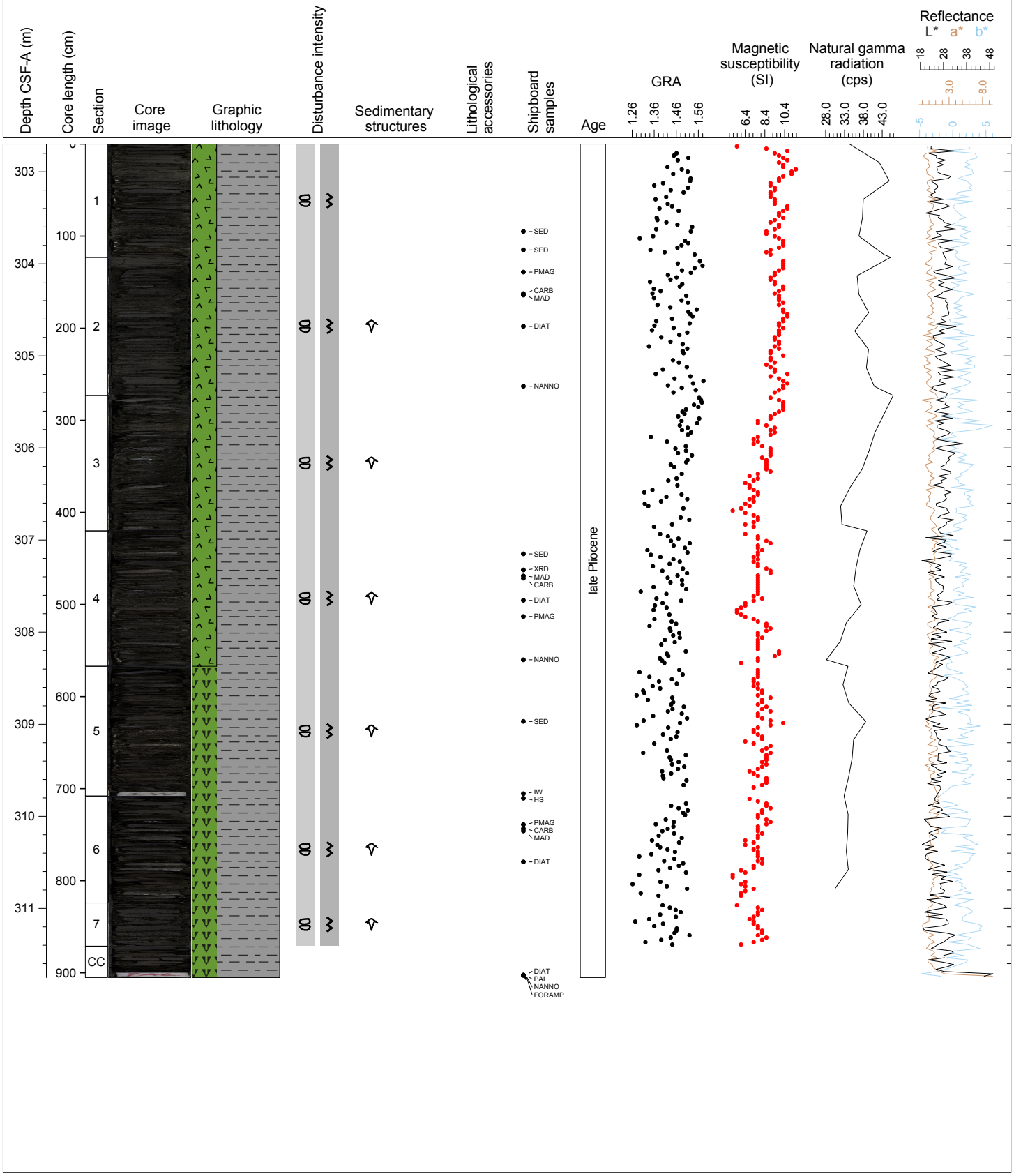
Hole 353-U1445A Core 32X, Interval 293.0-300.87 m (CSF-A)

Major Lithology: Dark gray (GLEY 1 3/N) DIATOM rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Color banding with brownish colors (5Y 4/2), chondrites burrows, and mottled structures are visible throughout the core. The clay is well consolidated.



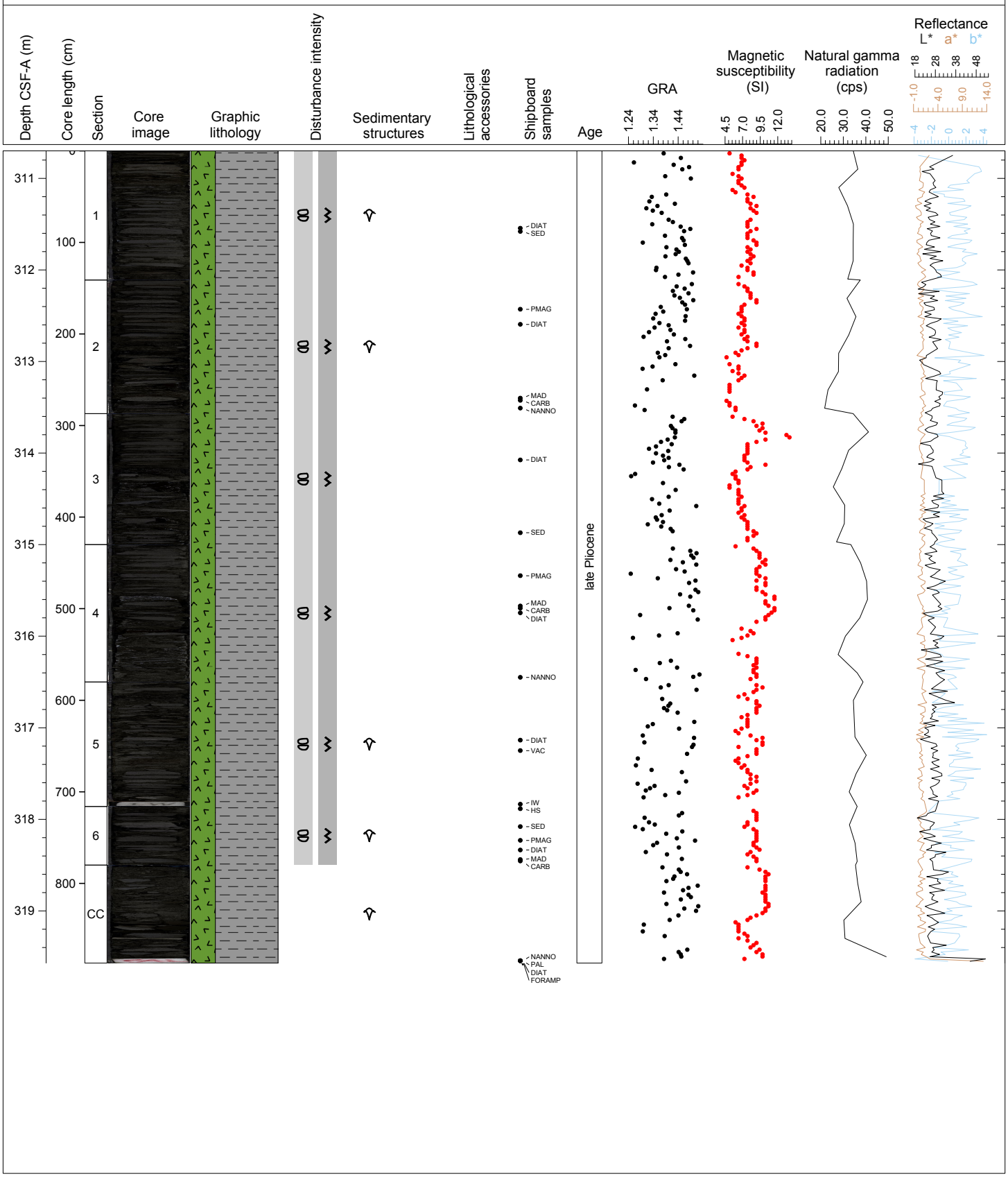
Hole 353-U1445A Core 33X, Interval 302.7-311.75 m (CSF-A)

Major Lithology: Greenish black (GLEY 1 2.5/10Y) DIATOM rich CLAY with GLAUCONITE to very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAYSTONE with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. The sediments are a homogeneous deposit. Color banding with brownish colors (5Y 4/2), chondrites burrows, and mottled structures are visible throughout the core. The clay is well consolidated.



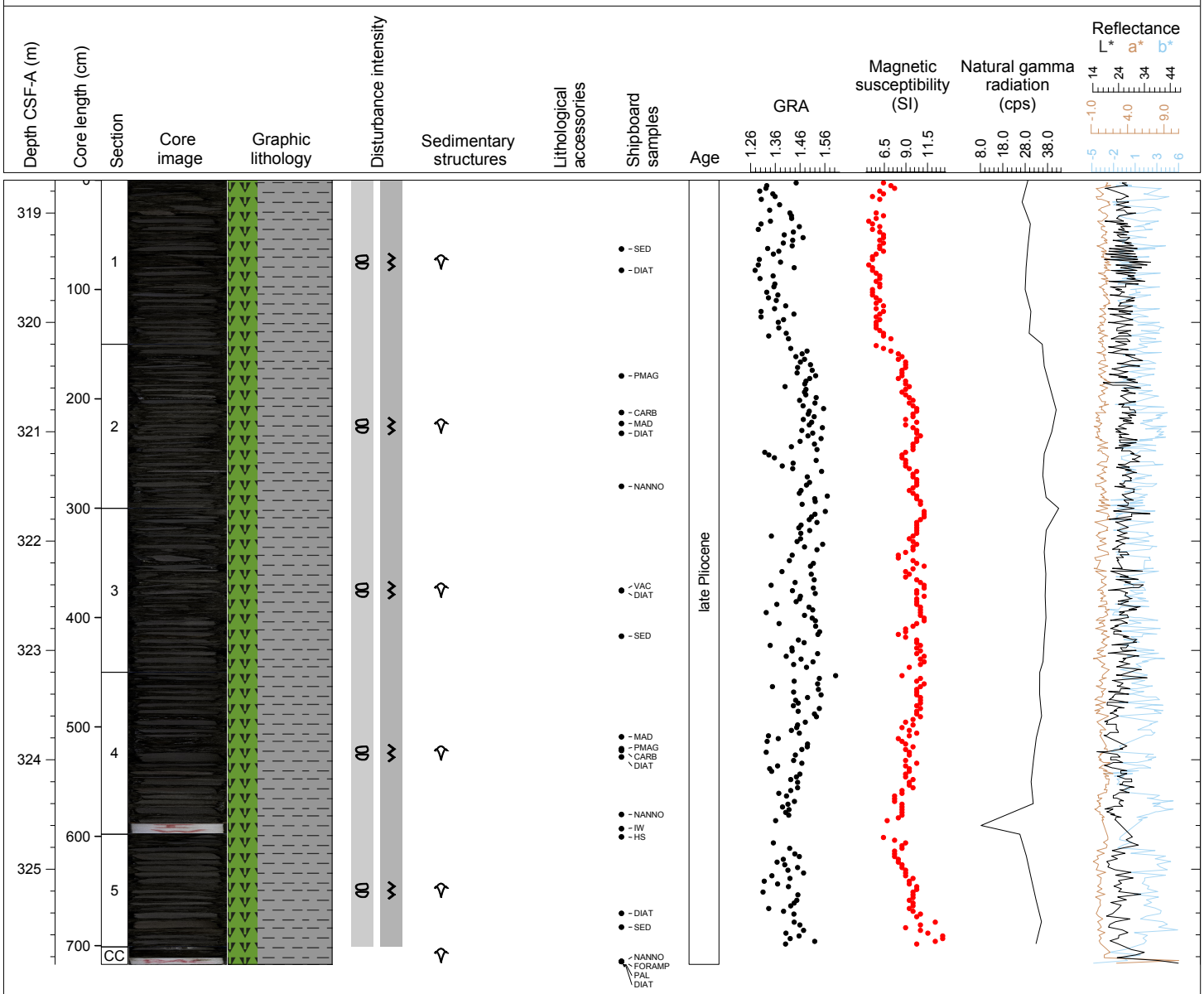
Hole 353-U1445A Core 34X, Interval 310.7-319.57 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



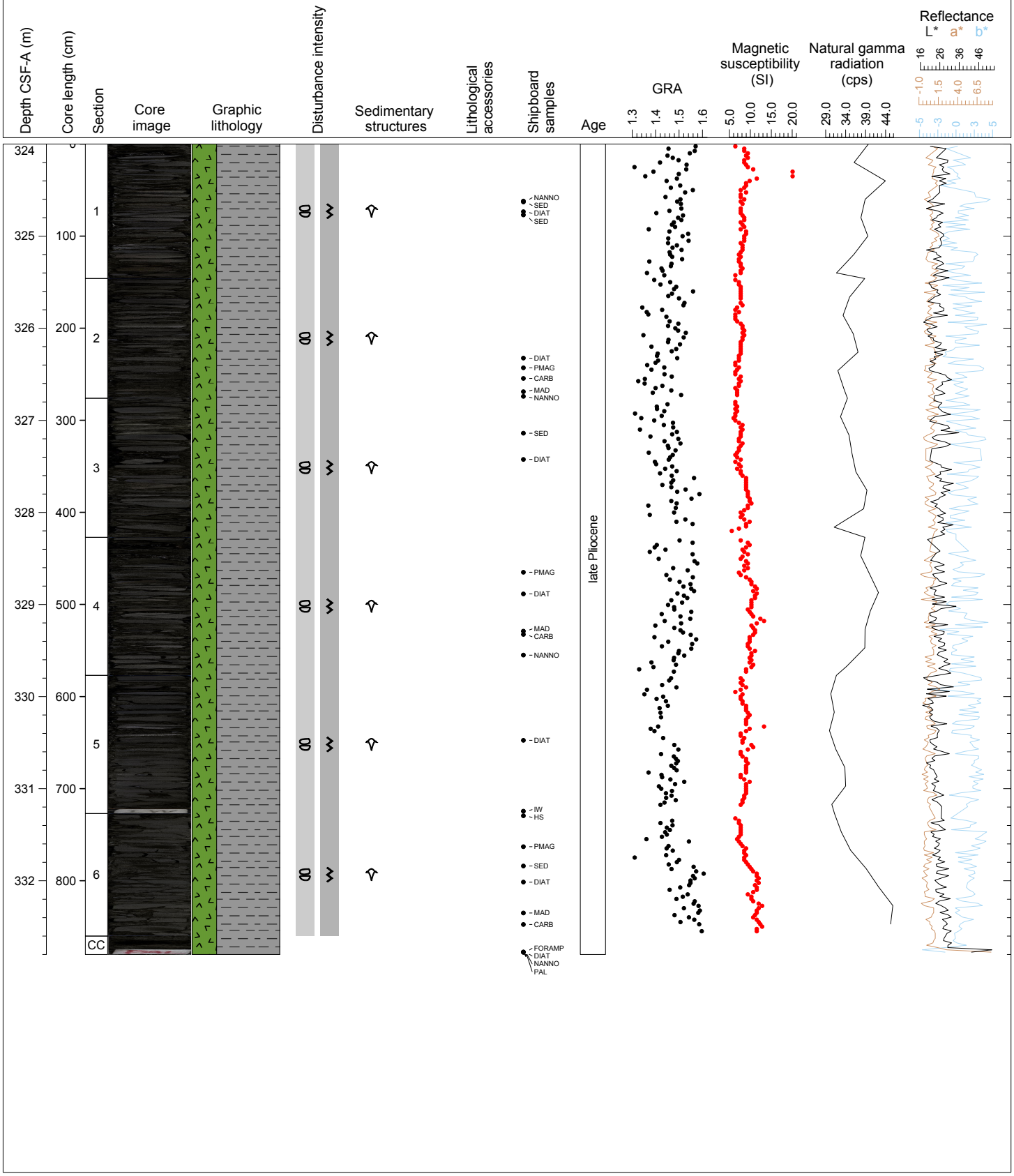
Hole 353-U1445A Core 35X, Interval 318.7-325.87 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) Diatom rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



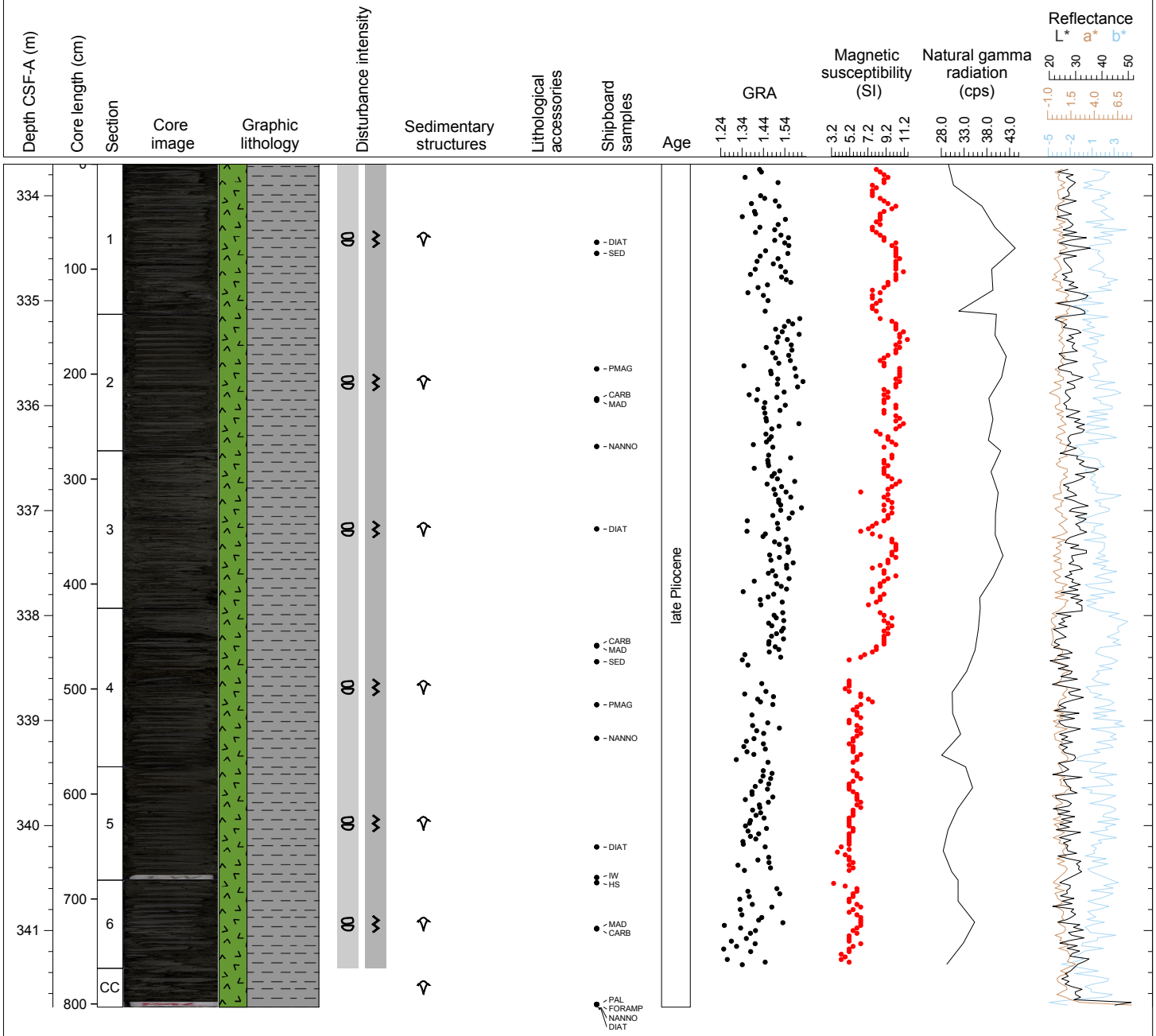
Hole 353-U1445A Core 36X, Interval 324.0-332.8 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



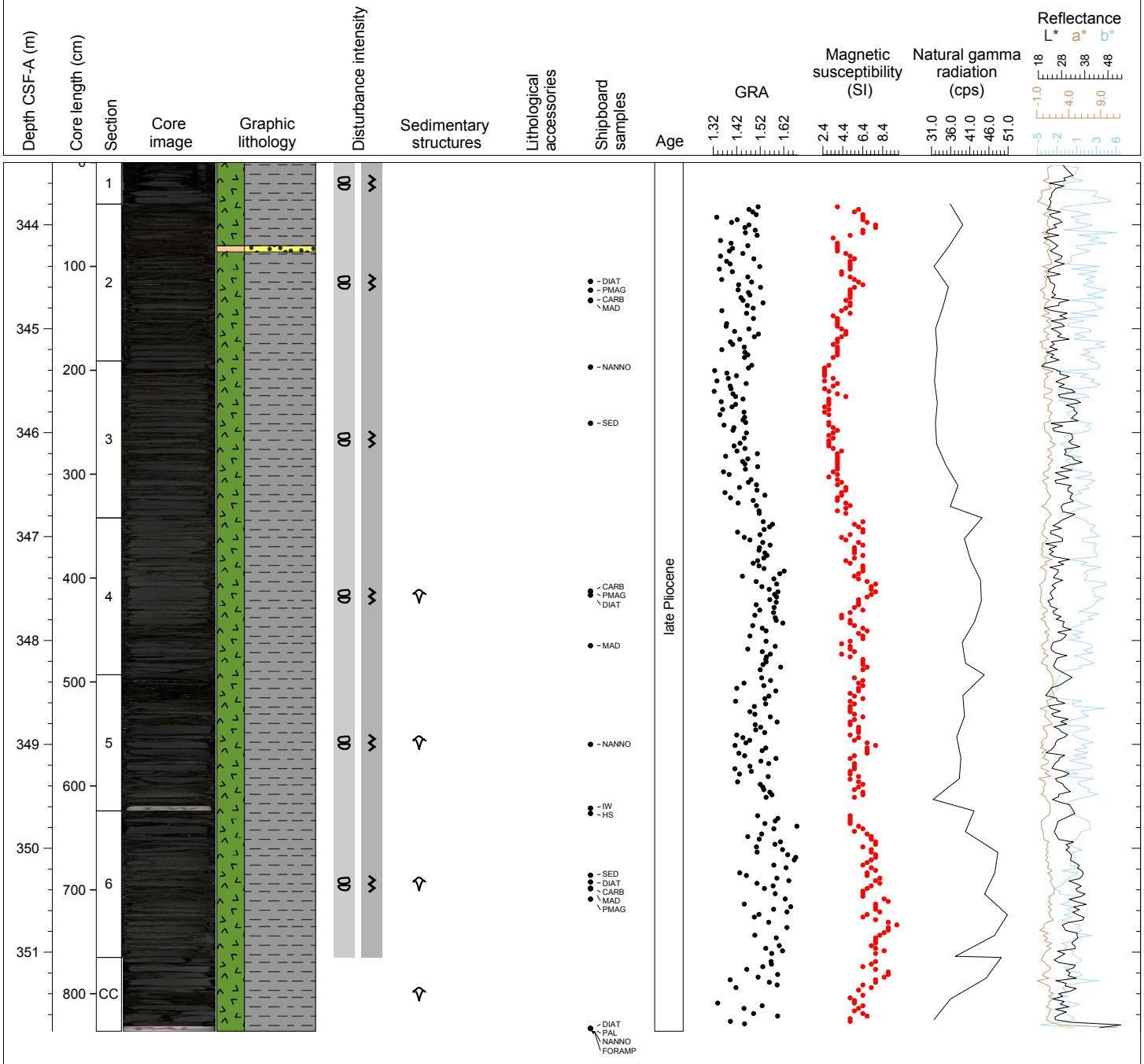
Hole 353-U1445A Core 37X, Interval 333.7-341.73 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



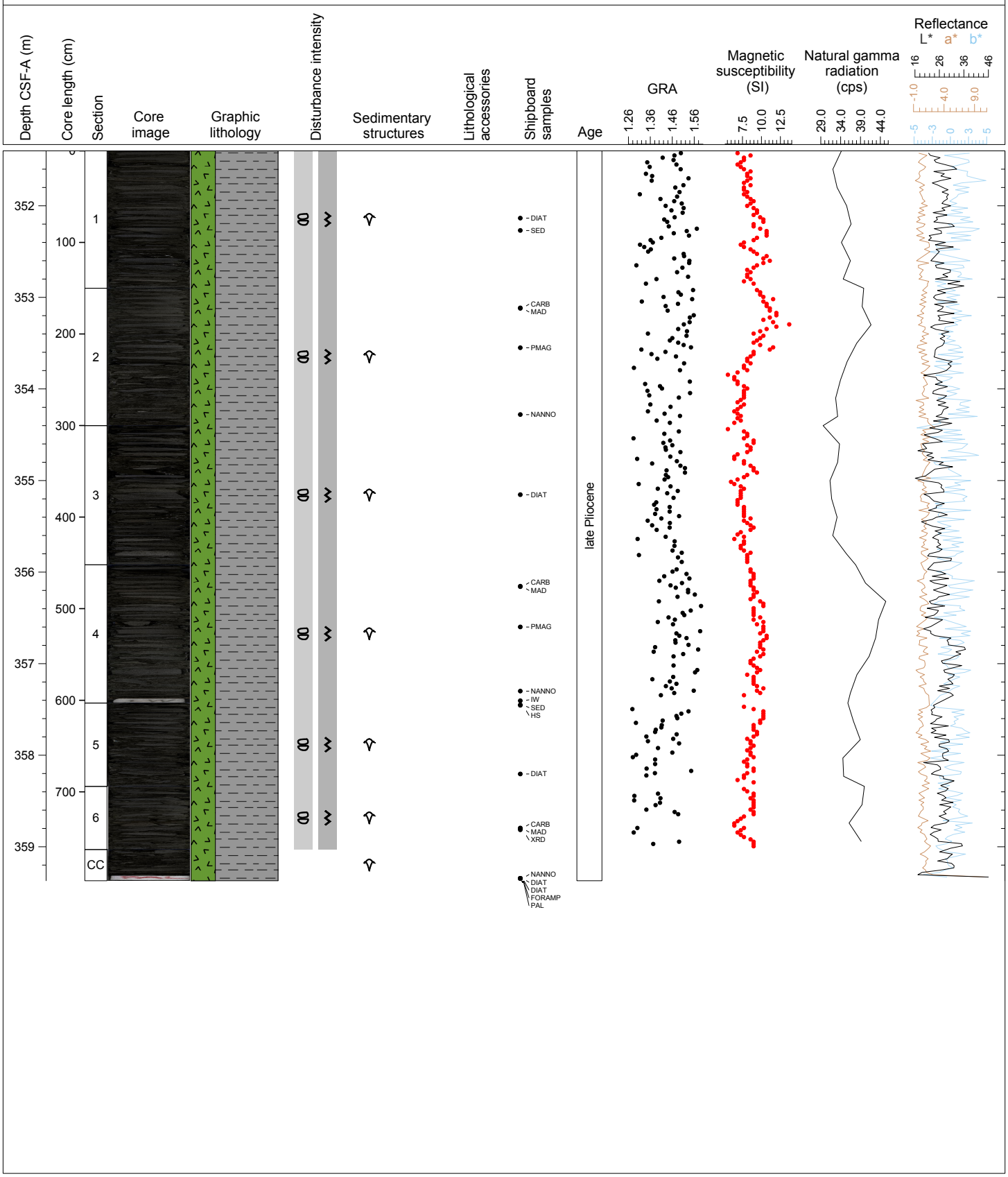
Hole 353-U1445A Core 38X, Interval 343.4-351.76 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) BIOSILICA rich CLAY with GLAUCONITE.
General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faintly color variations from very dark greenish gray to dark greenish gray with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



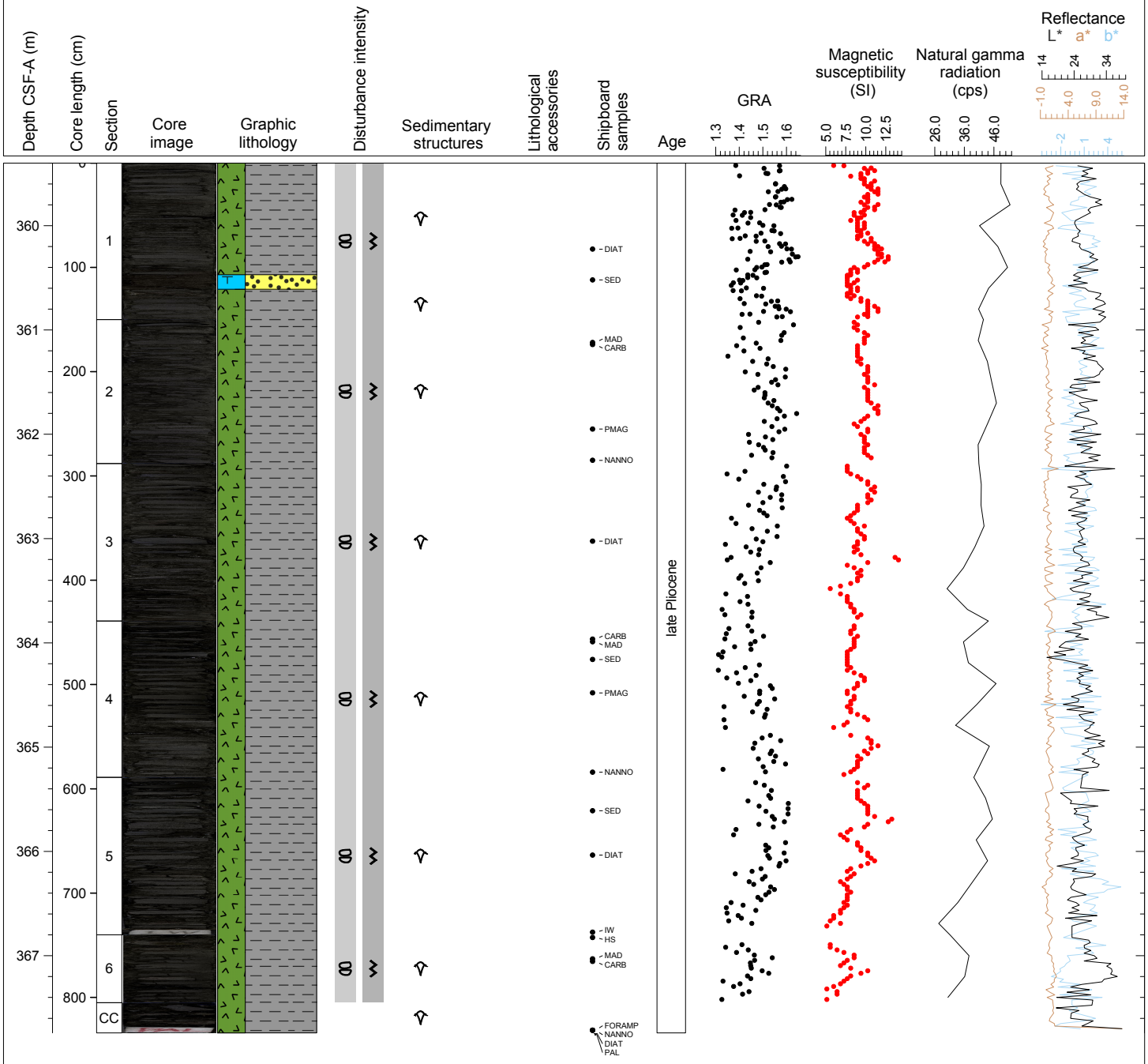
Hole 353-U1445A Core 39X, Interval 351.4-359.37 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



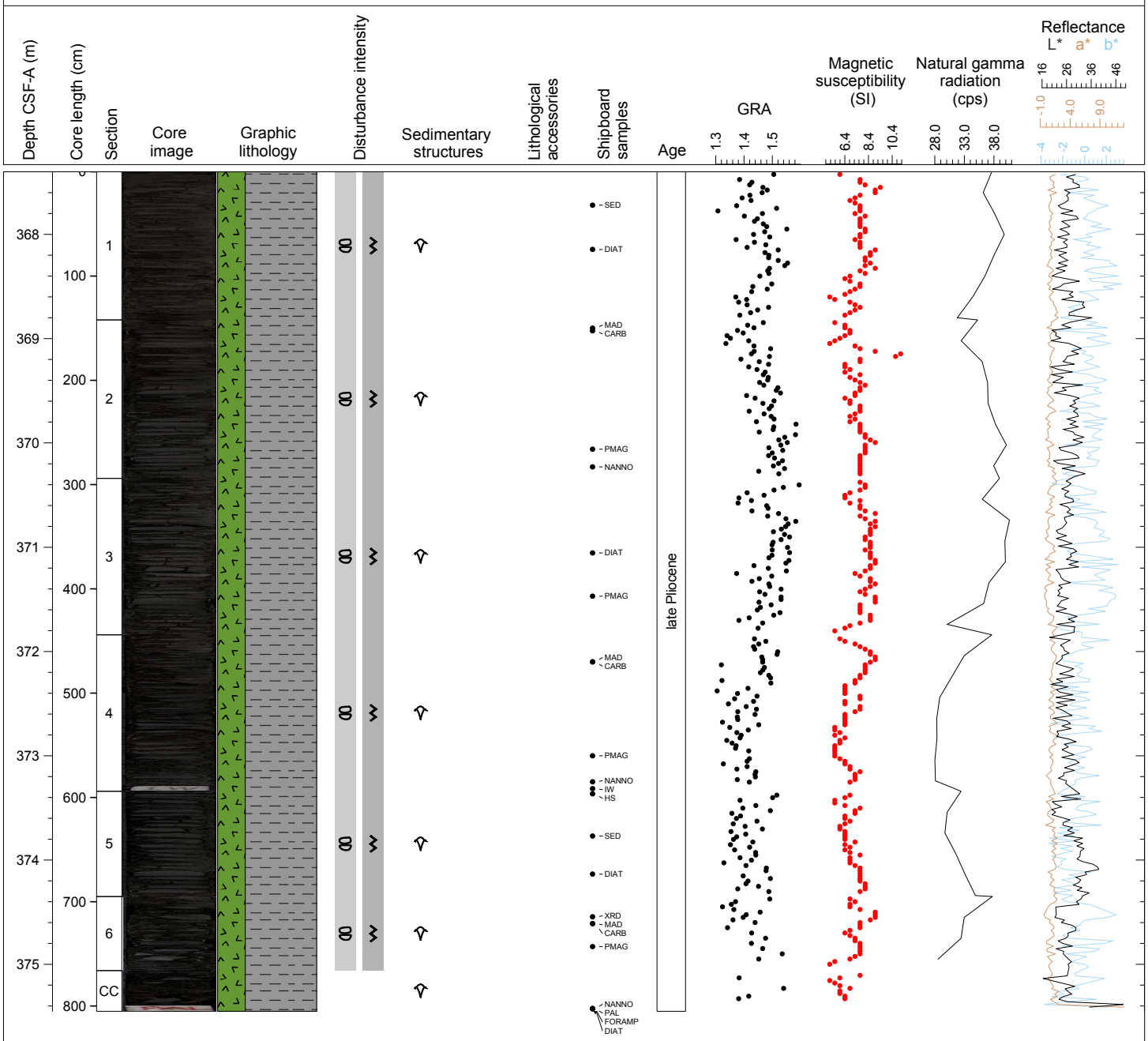
Hole 353-U1445A Core 40X, Interval 359.4-367.74 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) to dark greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to dark greenish gray (GLEY 1 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



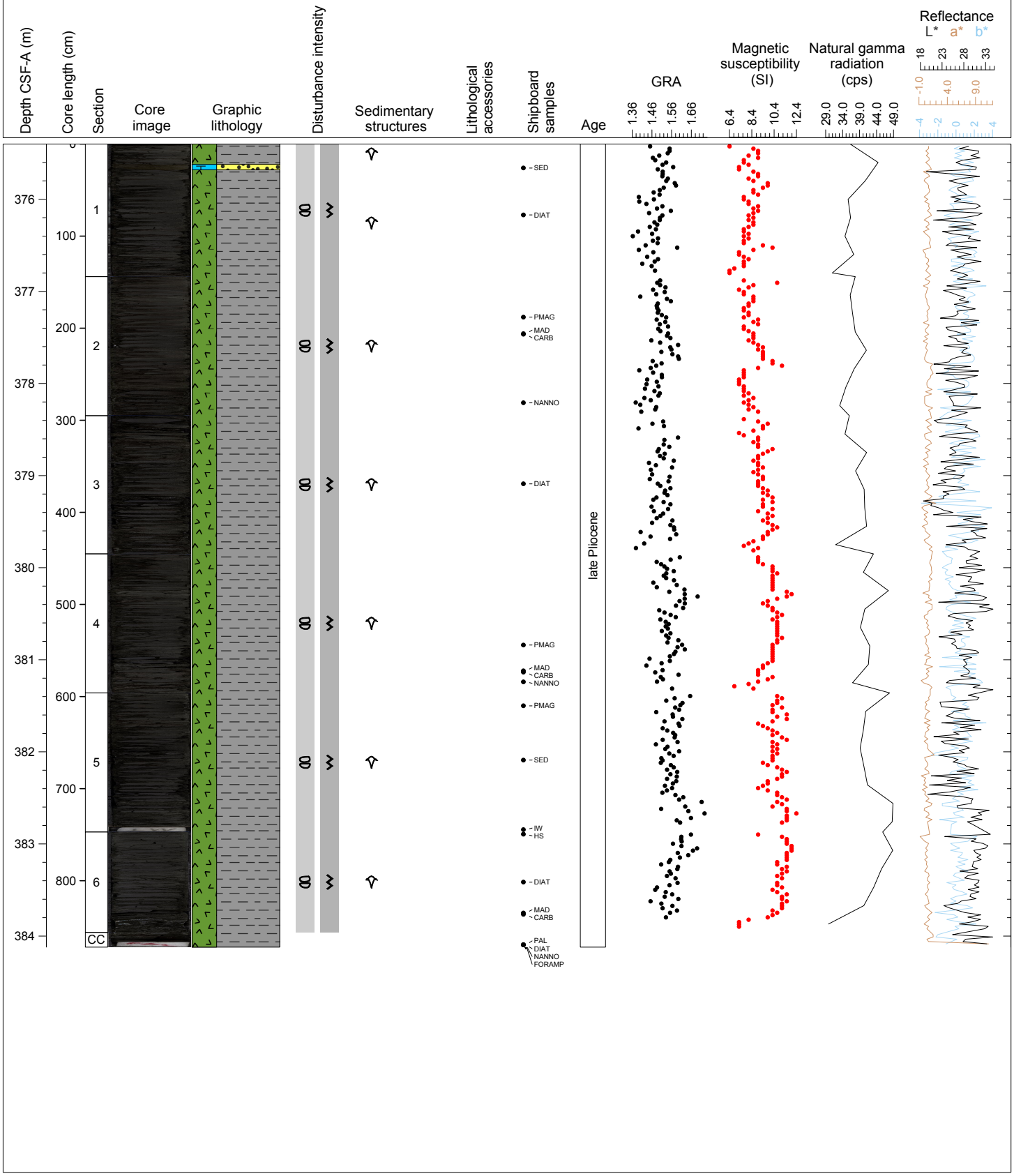
Hole 353-U1445A Core 41X, Interval 367.4-375.45 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



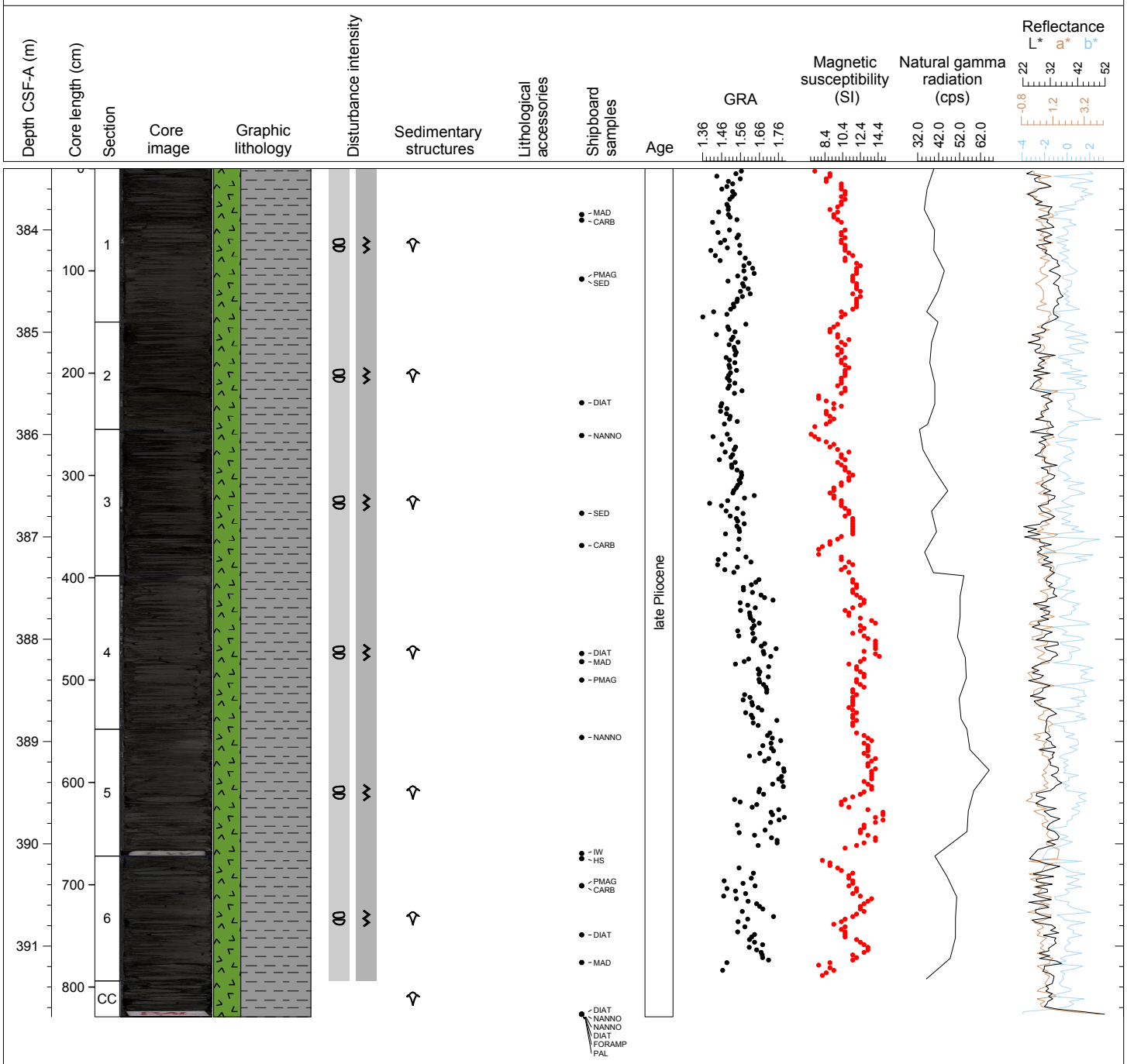
Hole 353-U1445A Core 42X, Interval 375.4-384.12 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to dark greenish gray (GLEY 1 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



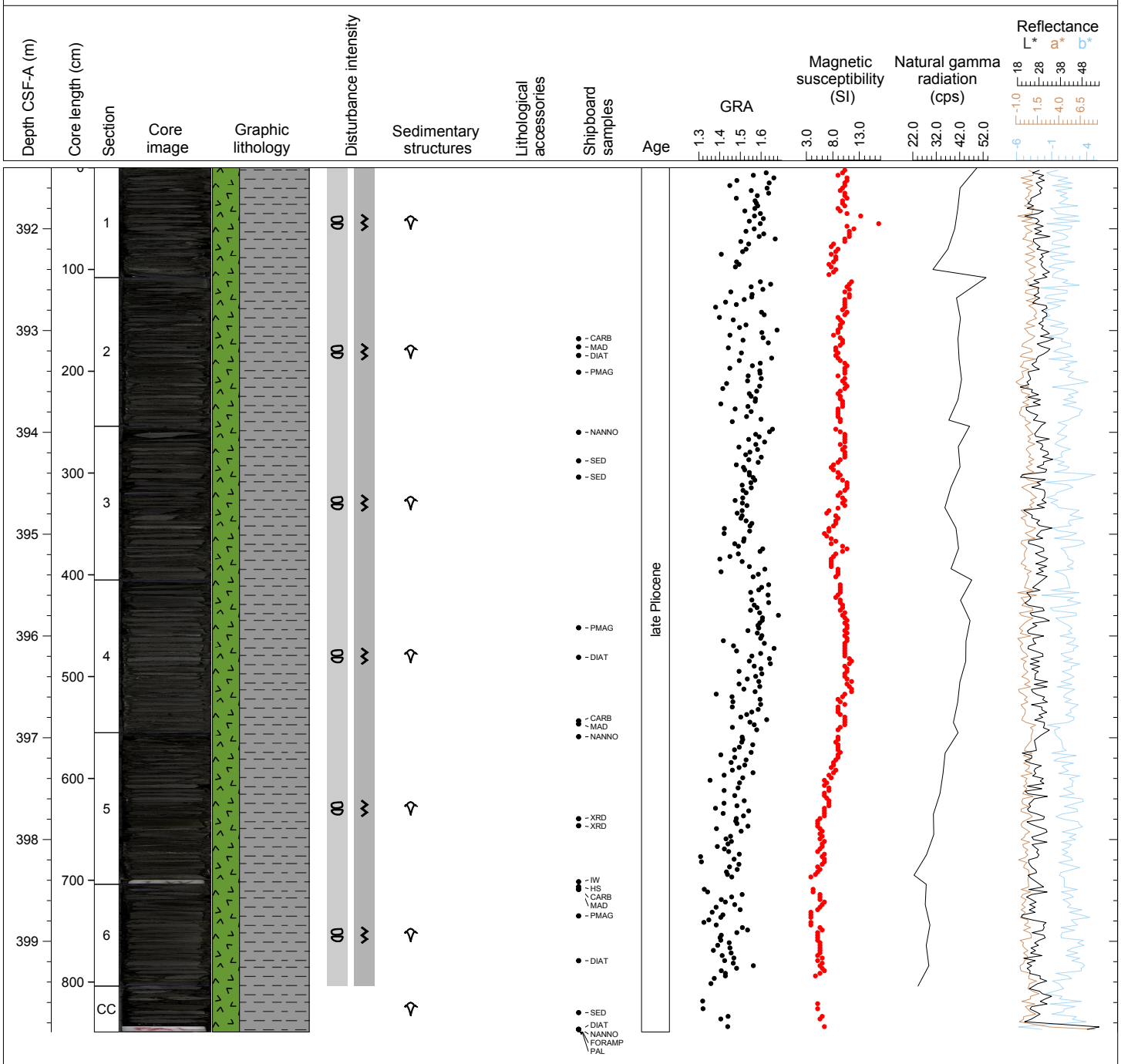
Hole 353-U1445A Core 43X, Interval 383.4-391.69 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to dark greenish gray (GLEY 1 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



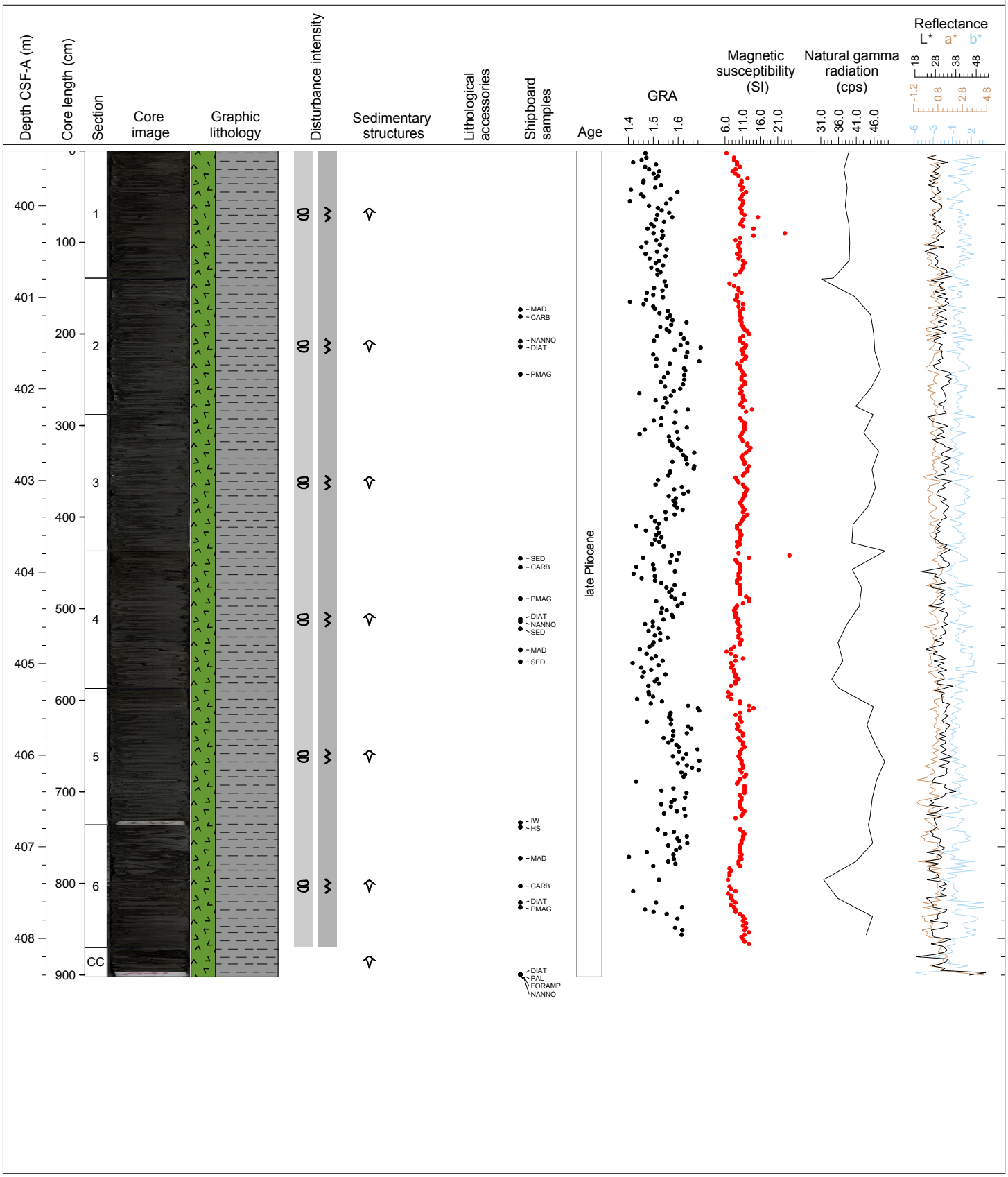
Hole 353-U1445A Core 44X, Interval 391.4-399.89 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to dark greenish gray (GLEY 1 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



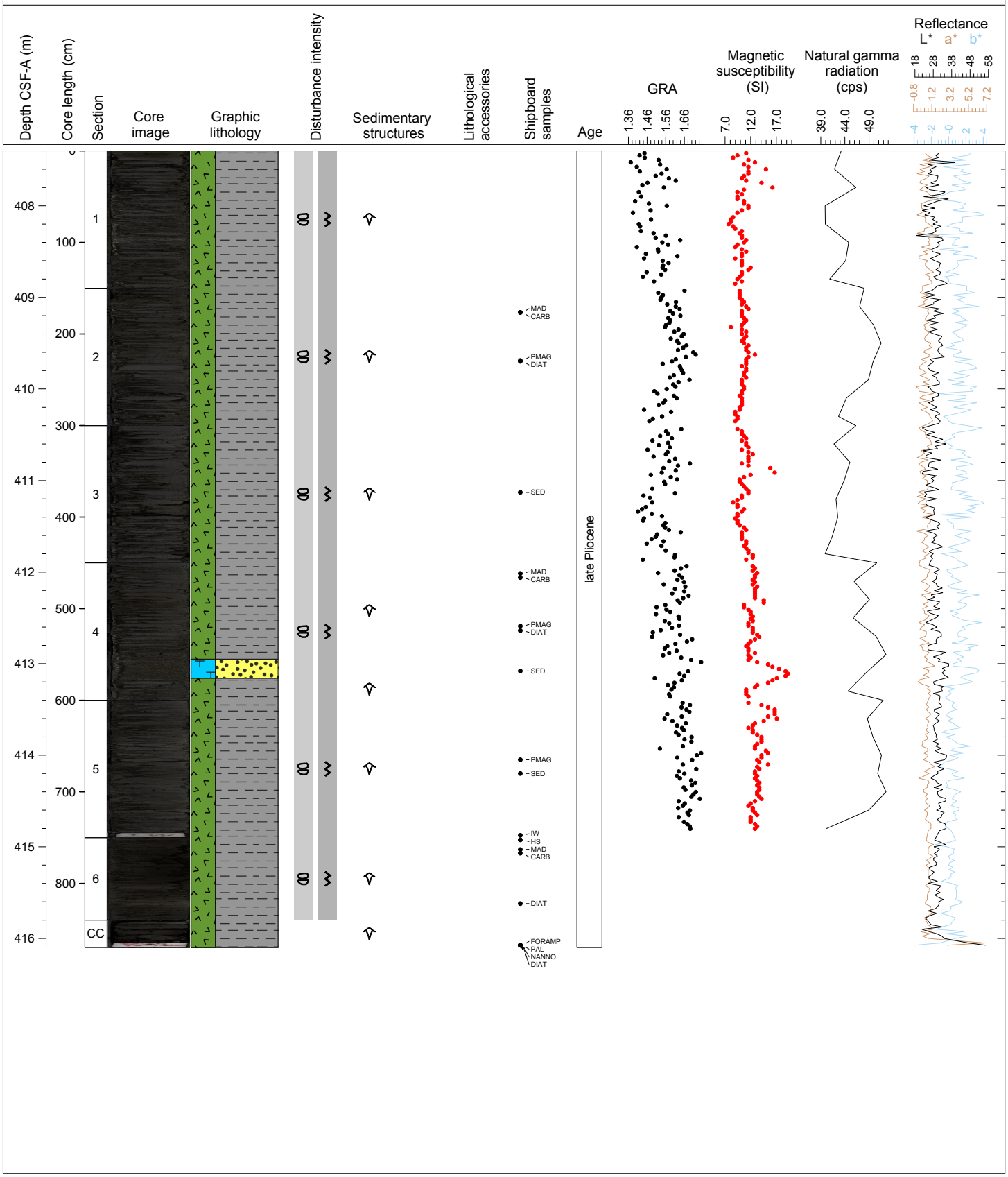
Hole 353-U1445A Core 45X, Interval 399.4-408.42 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to dark greenish gray (GLEY 1 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



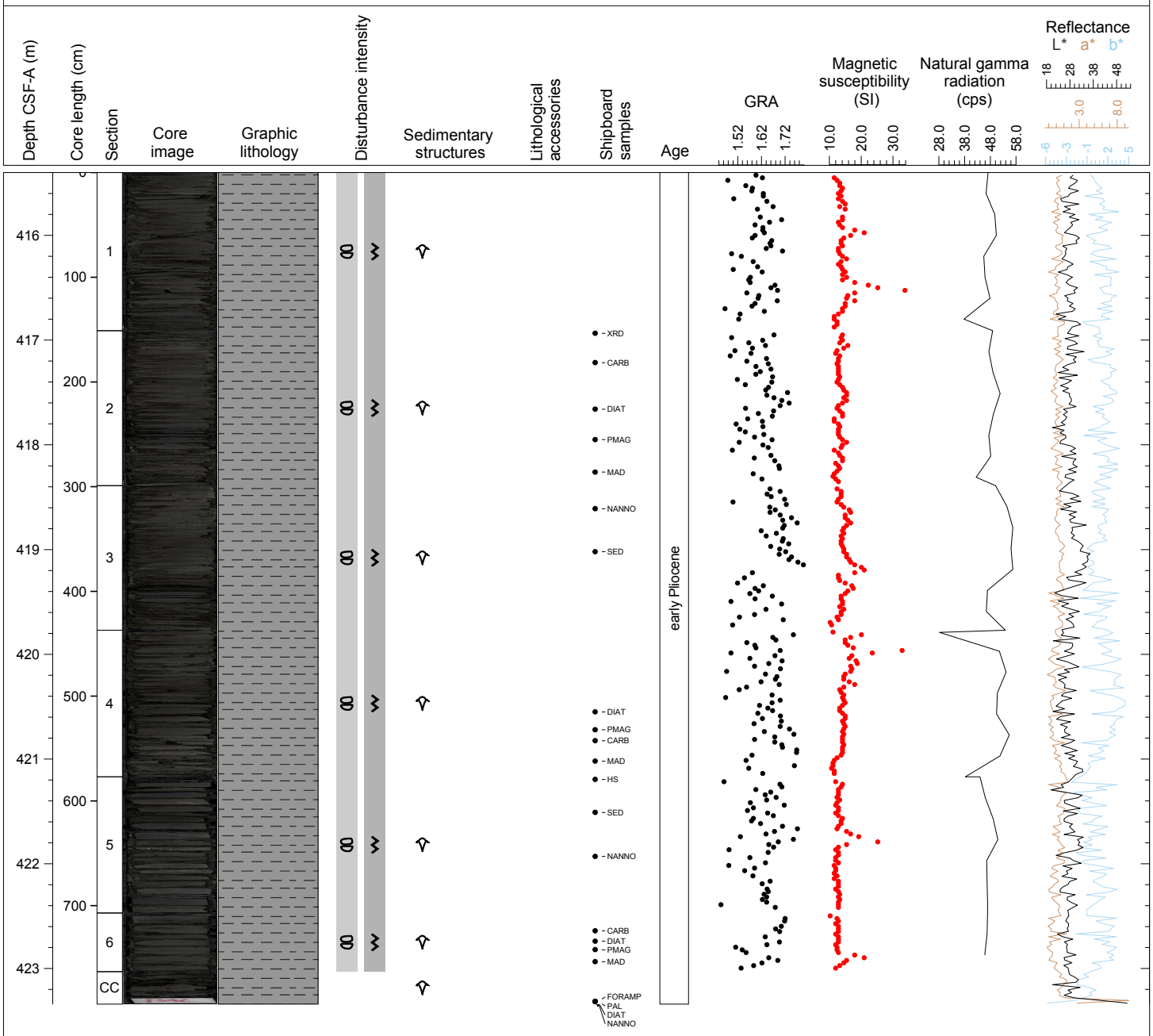
Hole 353-U1445A Core 46X, Interval 407.4-416.1 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to dark greenish gray (GLEY 1 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. Thin brown layers contain minimal amounts of carbonate. The clay is well consolidated.



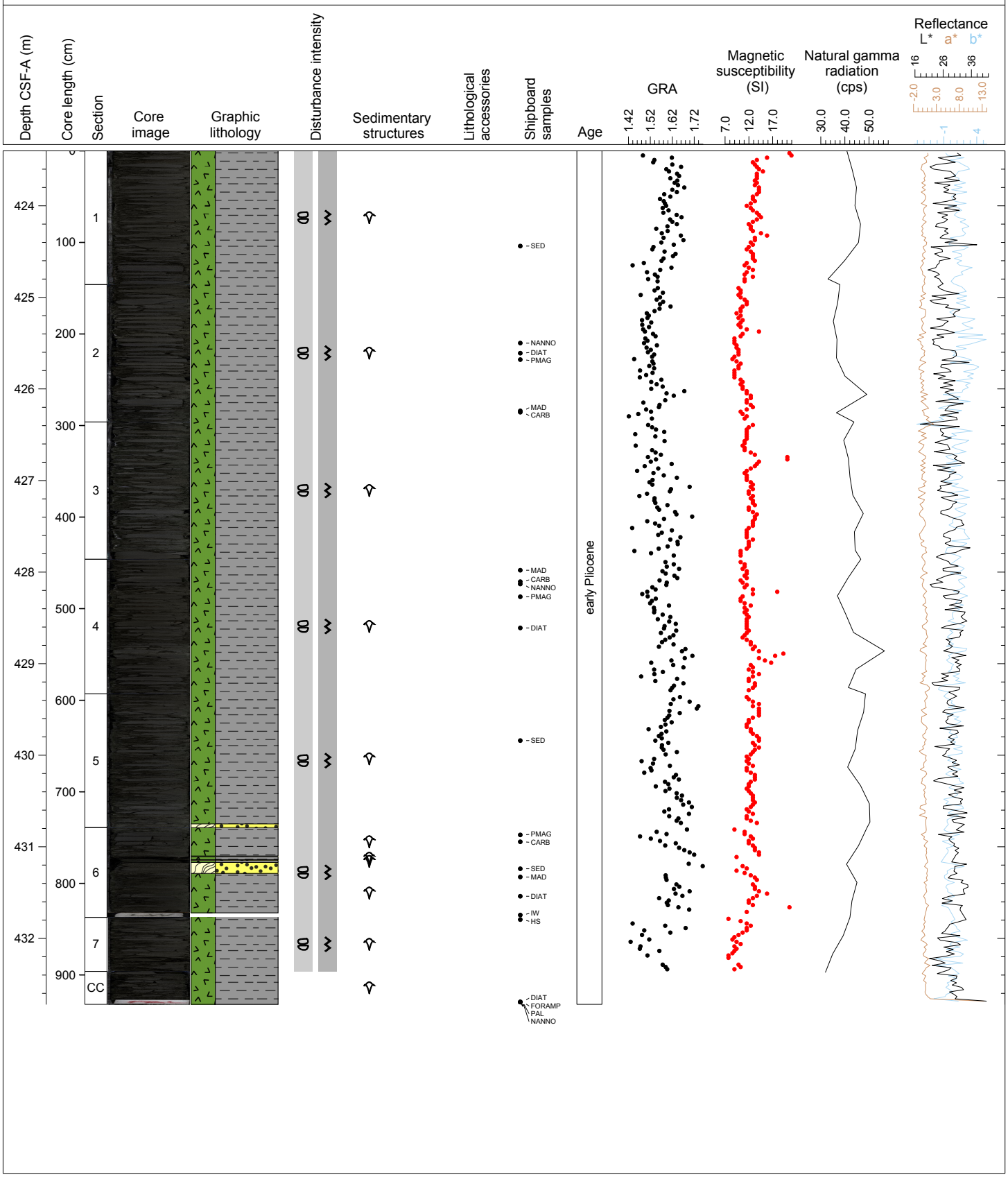
Hole 353-U1445A Core 47X, Interval 415.4-423.34 m (CSF-A)

Major Lithology: Dark gray (GLEY 1 3/N) CLAY with BIOSILICA. General Comments: Total carbonates amount to ~10%. Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from dark gray (GLEY 1 3/N) to dark brownish gray (5Y 2.5/1) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



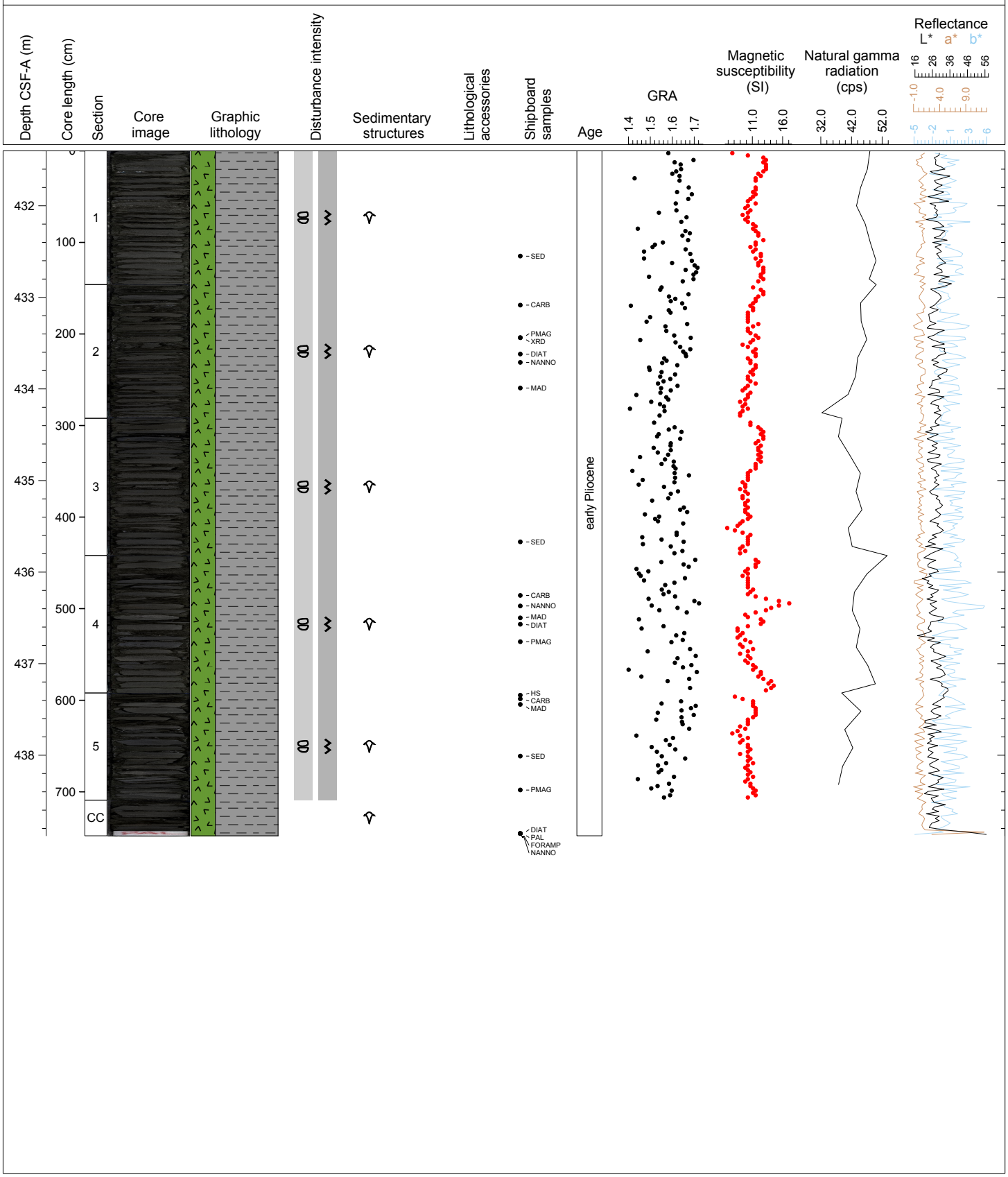
Hole 353-U1445A Core 48X, Interval 423.4-432.72 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to dark greenish gray (GLEY 1 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. Some turbidites are present towards the bottom of the core. The clay is well consolidated.



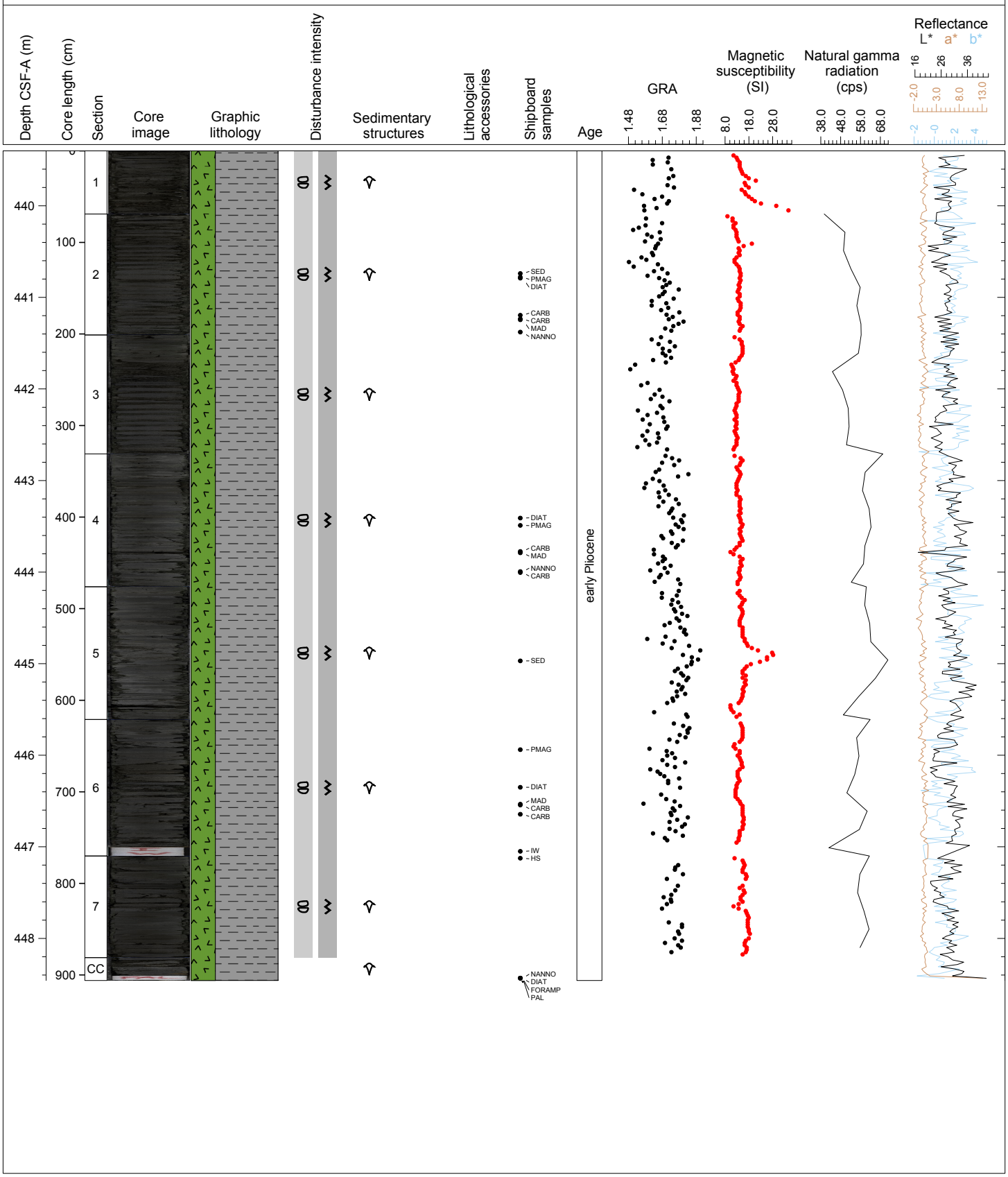
Hole 353-U1445A Core 49X, Interval 431.4-438.88 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to dark greenish gray (GLEY 1 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



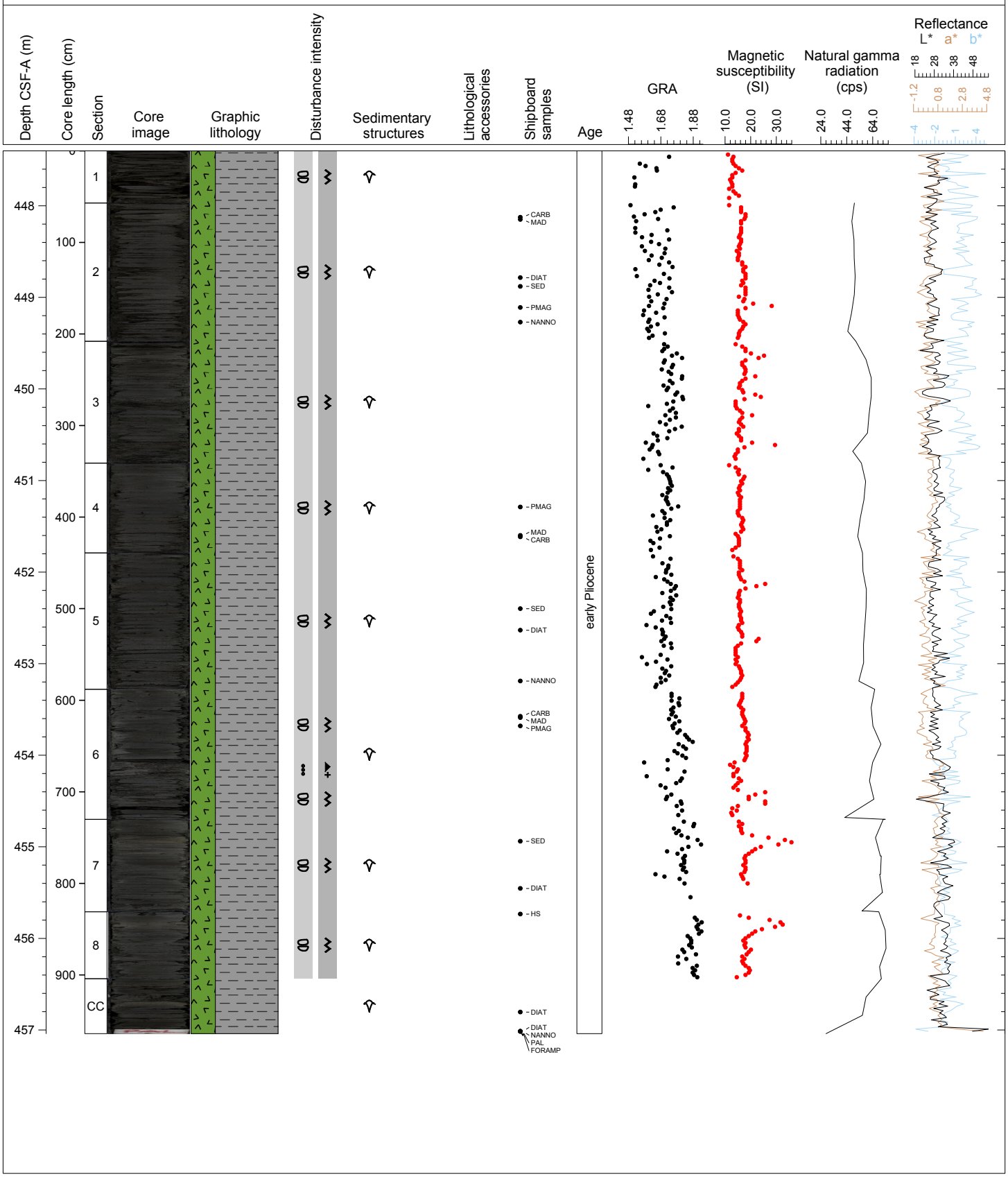
Hole 353-U1445A Core 50X, Interval 439.4-448.46 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) to dark greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with SILT. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to dark greenish gray (GLEY 1 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



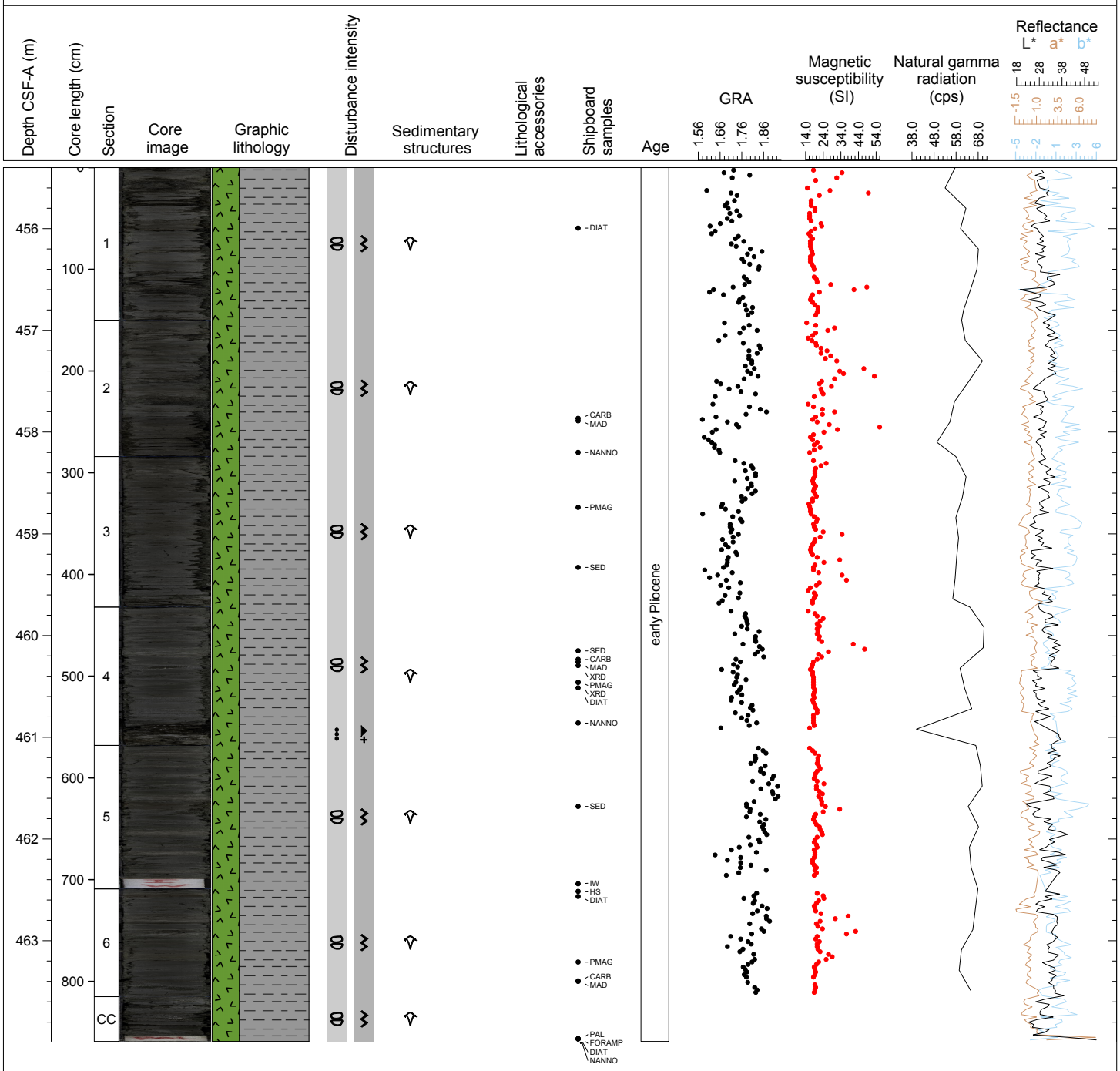
Hole 353-U1445A Core 51X, Interval 447.4-457.04 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y, 3/5GY) to dark greenish gray (GLEY 1 4/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y, 3/5GY) to dark greenish gray (GLEY 1 5/5GY) with burrows. Clear color banding with brownish colors (5Y 4/2, authigenic carbonate rich), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



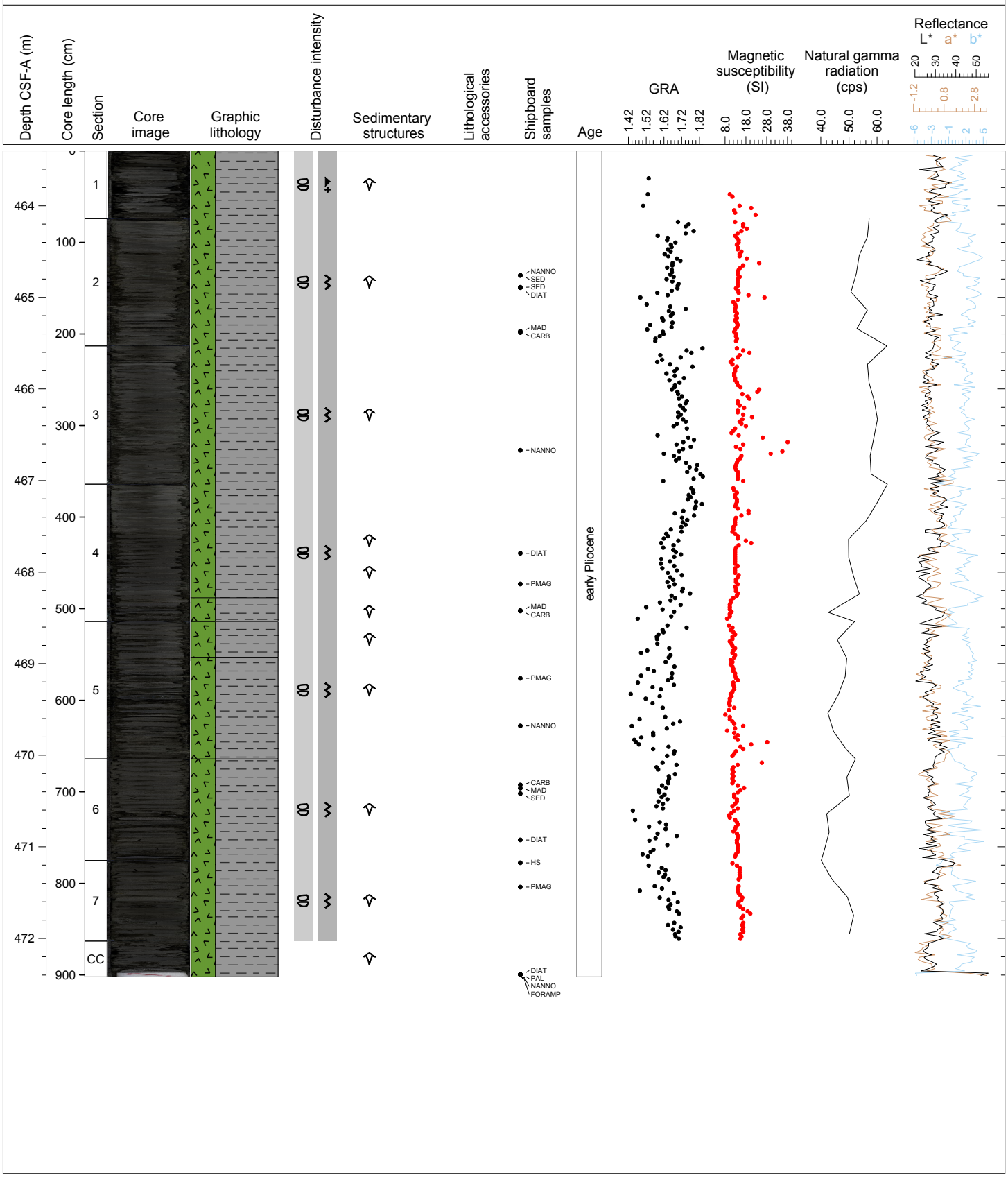
Hole 353-U1445A Core 52X, Interval 455.4-463.99 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY) to dark greenish gray (GLEY 1 5/5GY) with burrows. Clear color banding with brownish colors (5Y 4/2, authigenic carbonate rich), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



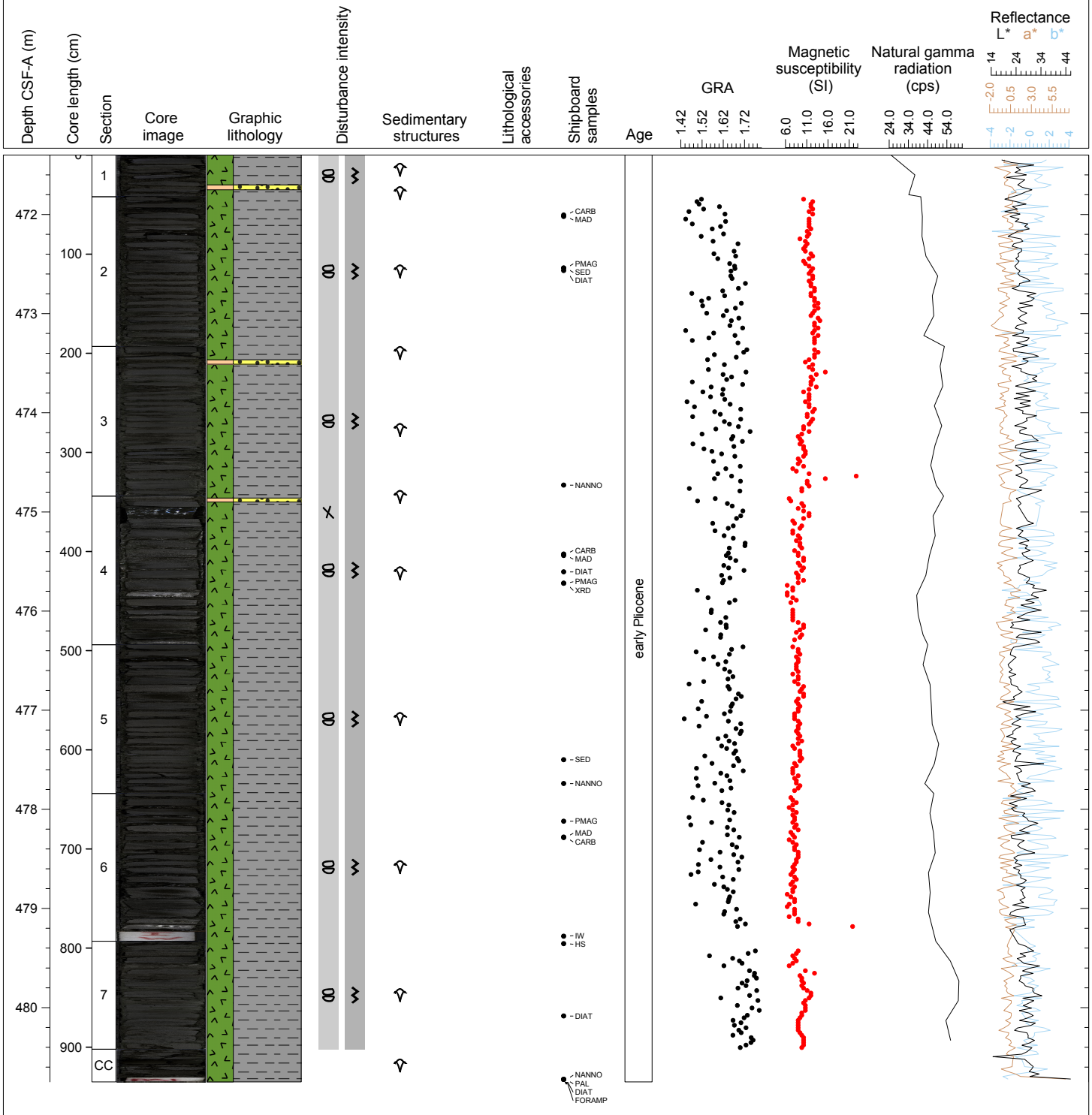
Hole 353-U1445A Core 53X, Interval 463.4-472.42 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) to very dark greenish gray (GLEY 1 3/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY) to dark greenish gray (GLEY 1 4/5GY) with burrows. Color banding with brownish colors (5Y 4/2, authigenic carbonate rich), burrows and mottled structures are visible throughout the core. The clay is well consolidated.



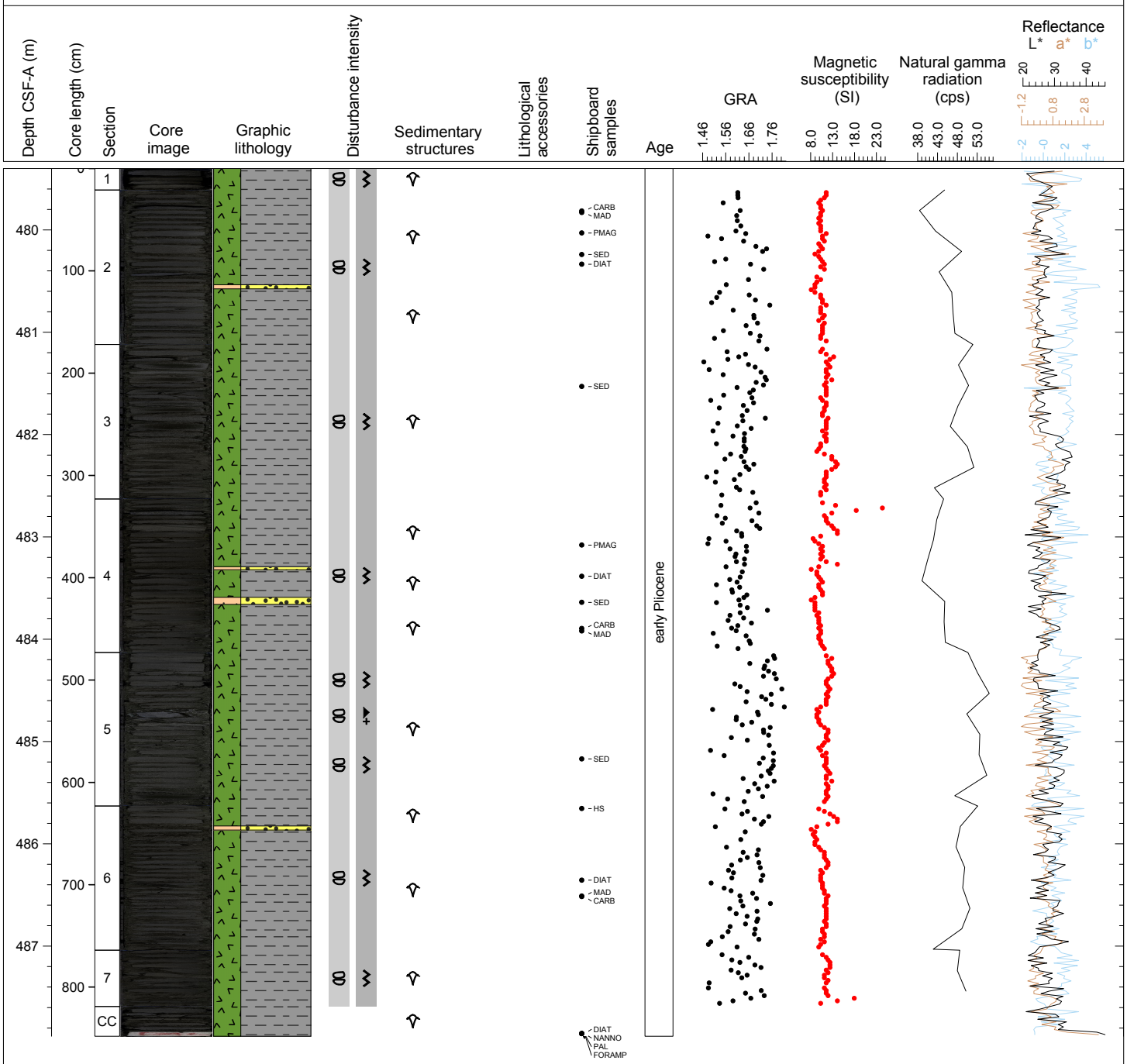
Hole 353-U1445A Core 54X, Interval 471.4-480.75 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY) to dark greenish gray (GLEY 1 4/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY) to dark greenish gray (GLEY 1 4/5GY) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. 3 thinly bedded turbidite containing gray (GLEY 1 3/10Y) SAND. The clay is well consolidated.



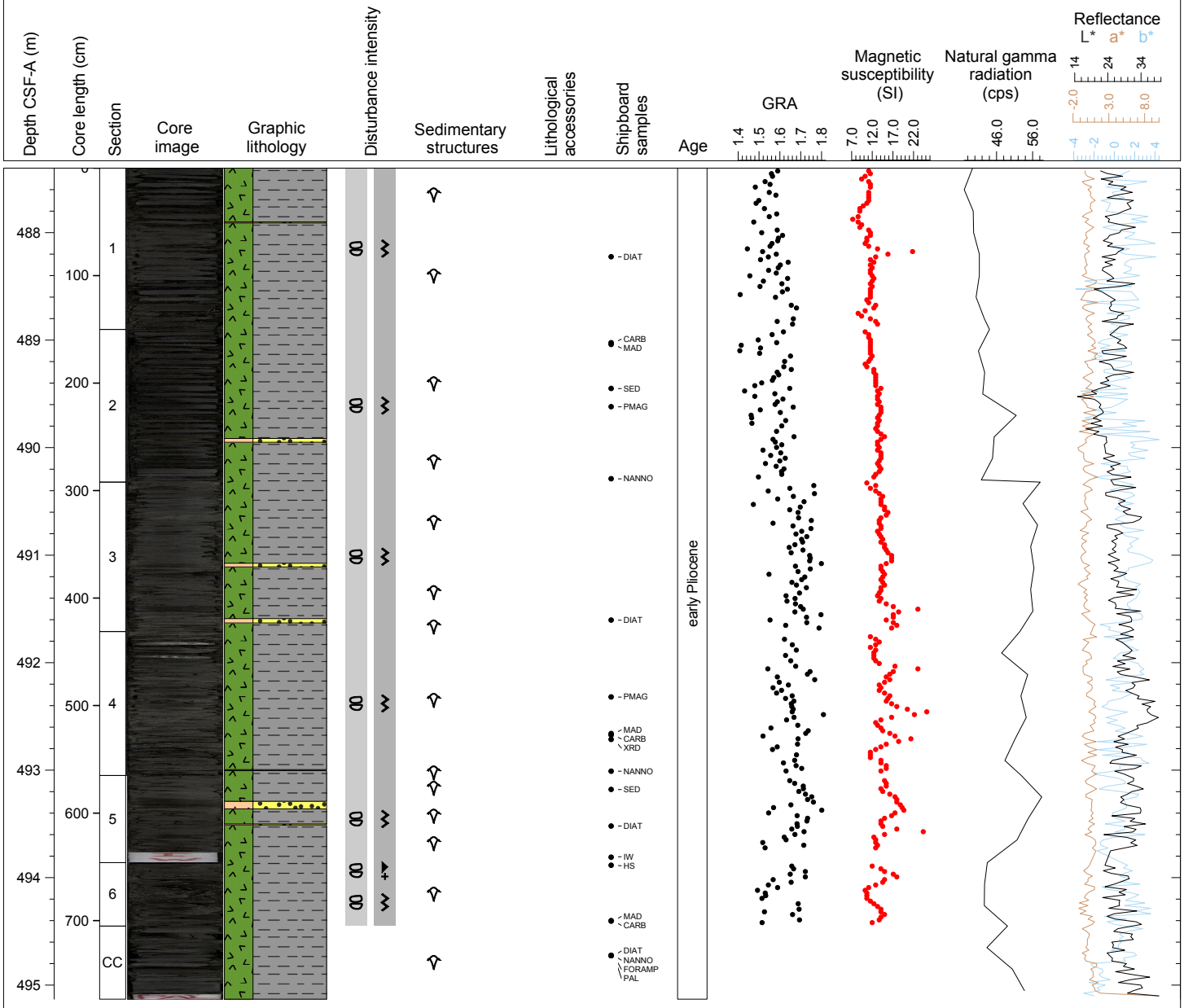
Hole 353-U1445A Core 55X, Interval 479.4-487.88 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY) to dark greenish gray (GLEY 1 4/5GY) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. 4 thinly bedded turbidite containing gray (GLEY 1 3/10Y) SAND. The clay is well consolidated.



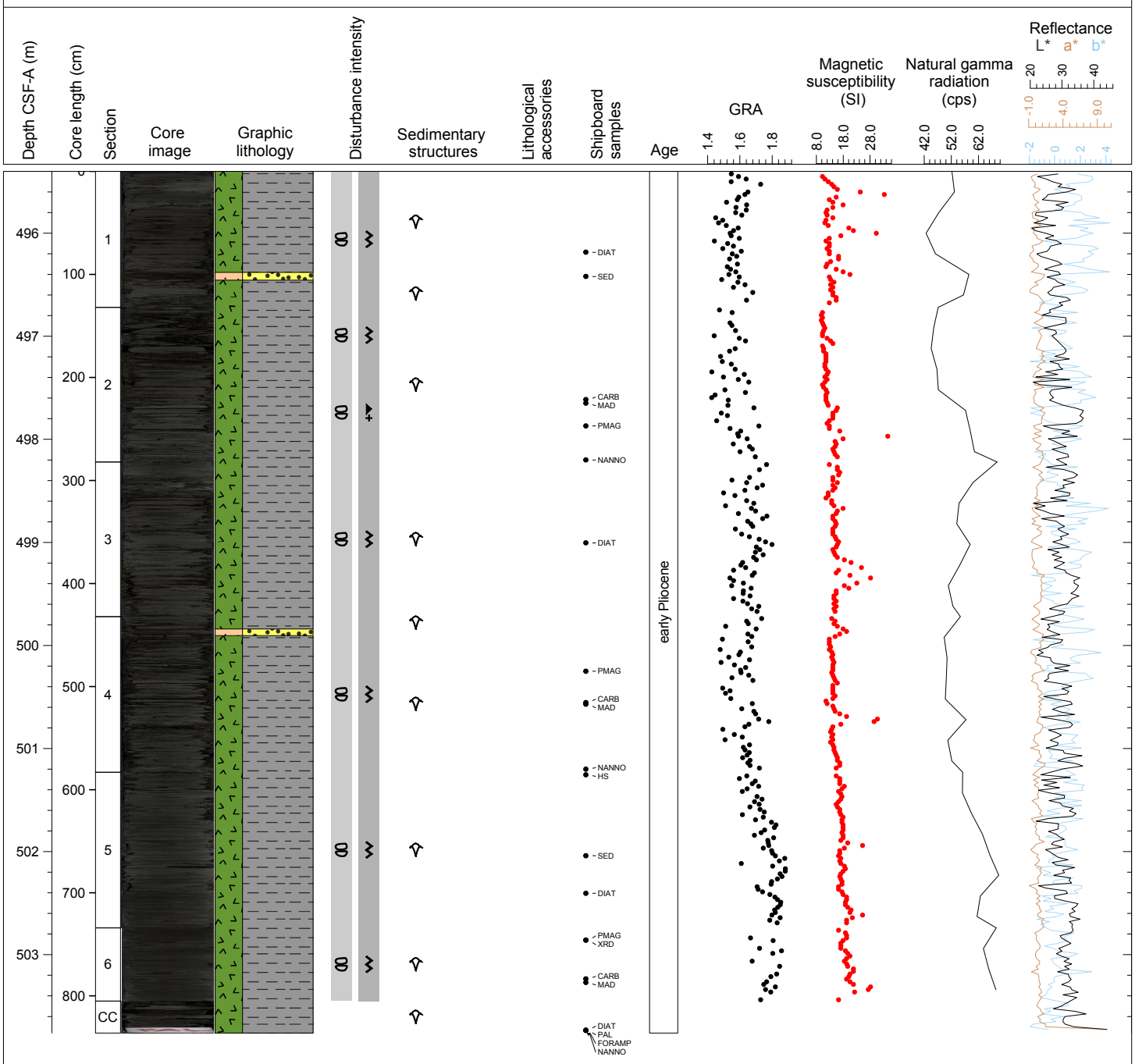
Hole 353-U1445A Core 56X, Interval 487.4-495.13 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY) to dark greenish gray (GLEY 1 4/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY) to dark greenish gray (GLEY 1 4/5GY) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. 7 thinly bedded turbidite containing gray (GLEY 1 3/10Y) SAND. The clay is well consolidated.



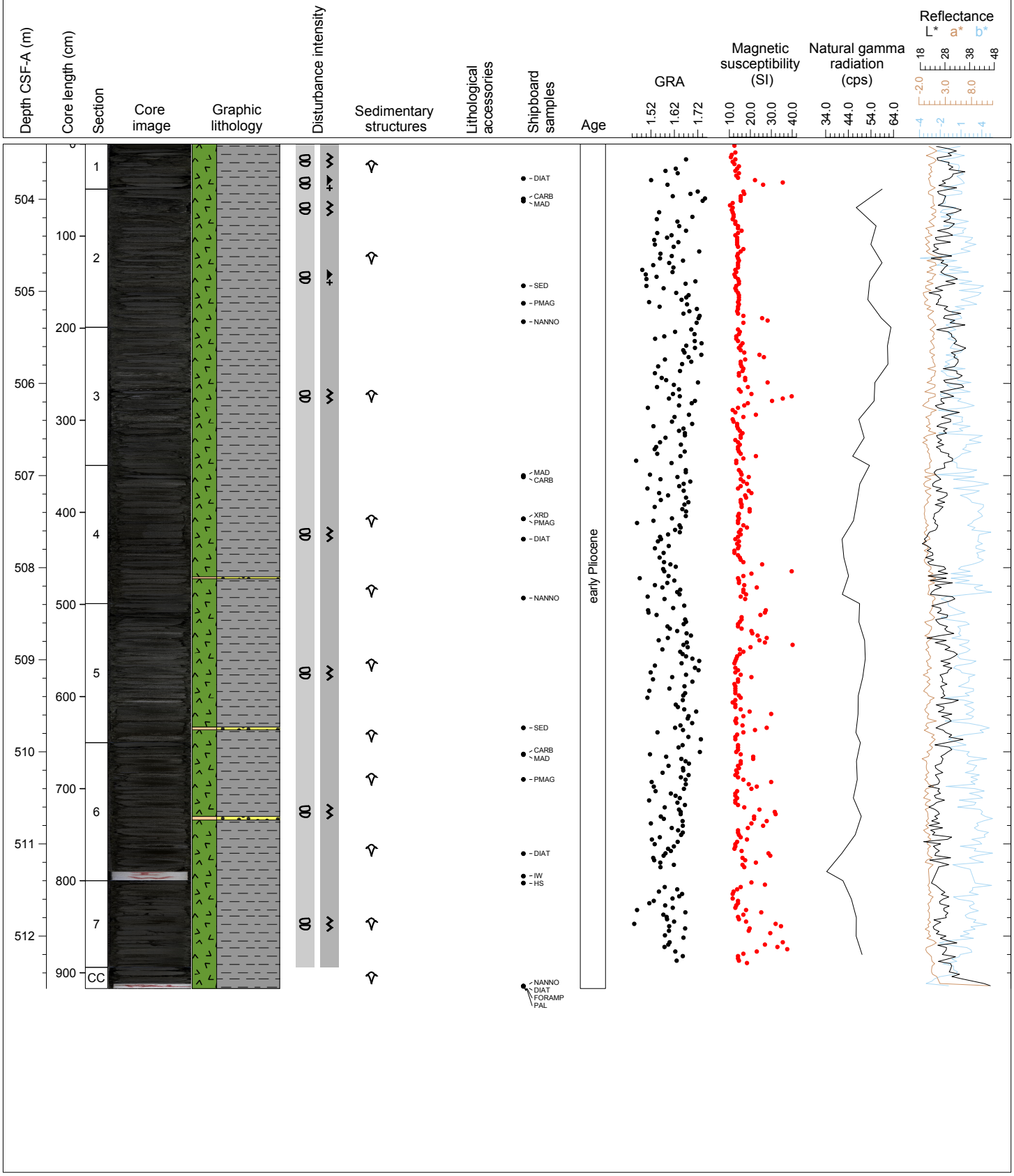
Hole 353-U1445A Core 57X, Interval 495.4-503.76 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY) BIOSILICA rich CLAY with GLAUCONITE to dark greenish gray (GLEY 1 4/5GY) BIOSILICA rich CLAY with SILT. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY) to dark greenish gray (GLEY 1 5/5GY) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. 2 thinly bedded turbidites containing gray (GLEY 1 3/10Y) SAND (FORAMINIFER rich). The clay is well consolidated.



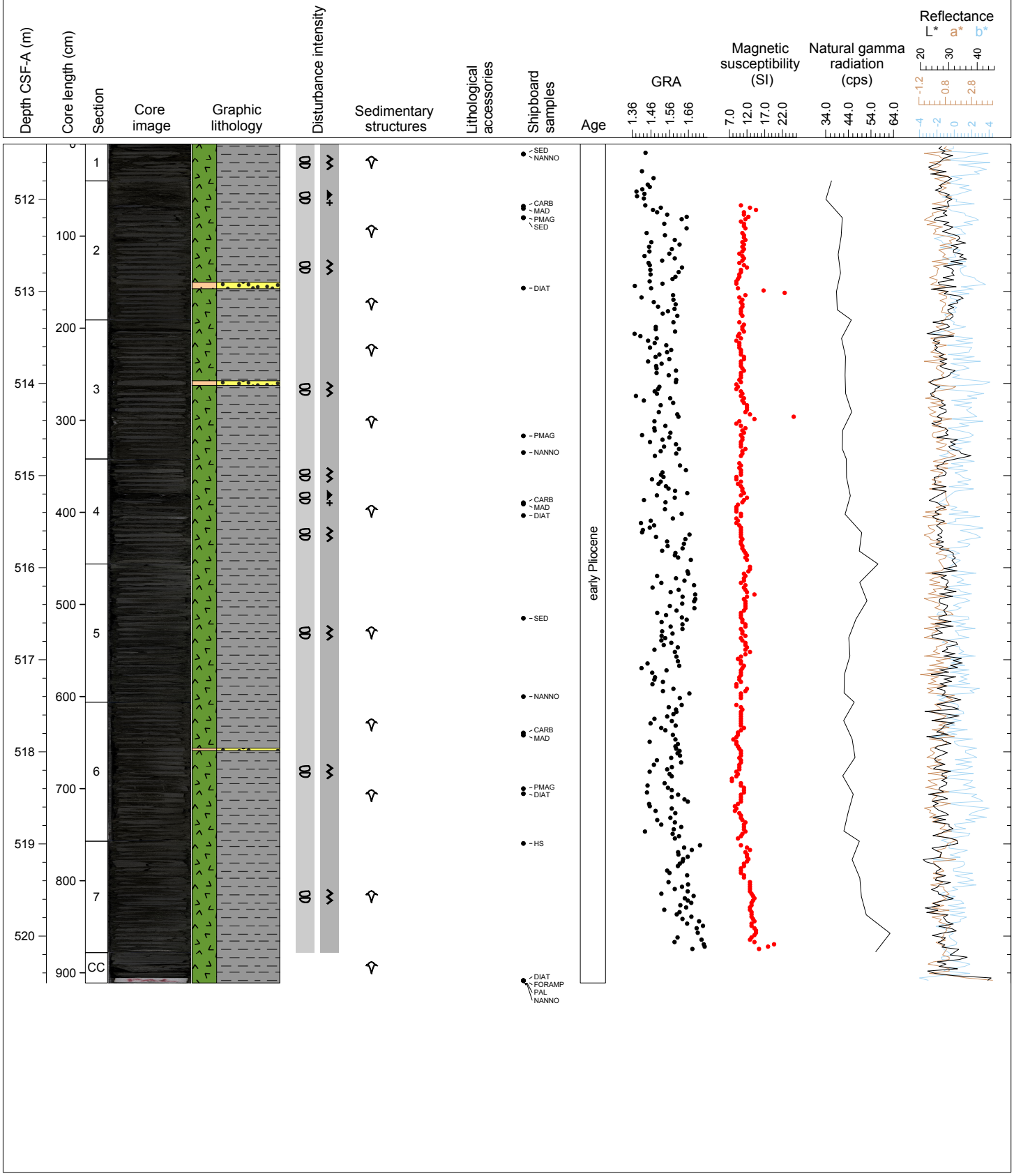
Hole 353-U1445A Core 58X, Interval 503.4-512.57 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY) BIOSILICA rich CLAY with GLAUCONITE to dark greenish gray BIOSILICA rich CLAY with SILT (GLEY 1 4/5GY). General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. 3 thinly bedded turbidites containing gray (GLEY 1 3/10Y) SAND. The clay is well consolidated.



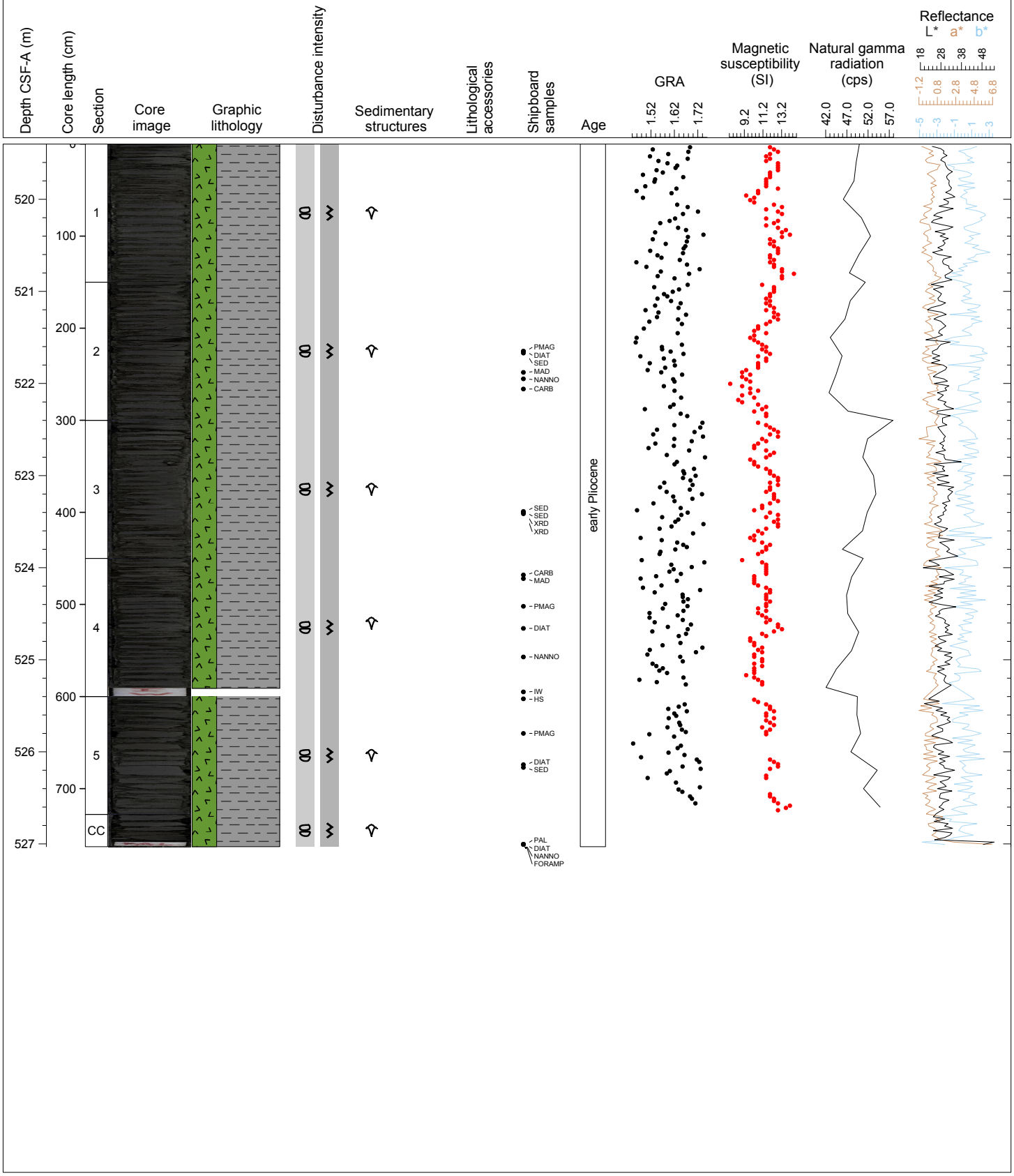
Hole 353-U1445A Core 59X, Interval 511.4-520.51 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. 3 thinly bedded turbidites containing gray (GLEY 1 3/10Y) SAND (FORAMINIFER rich). The clay is well consolidated.



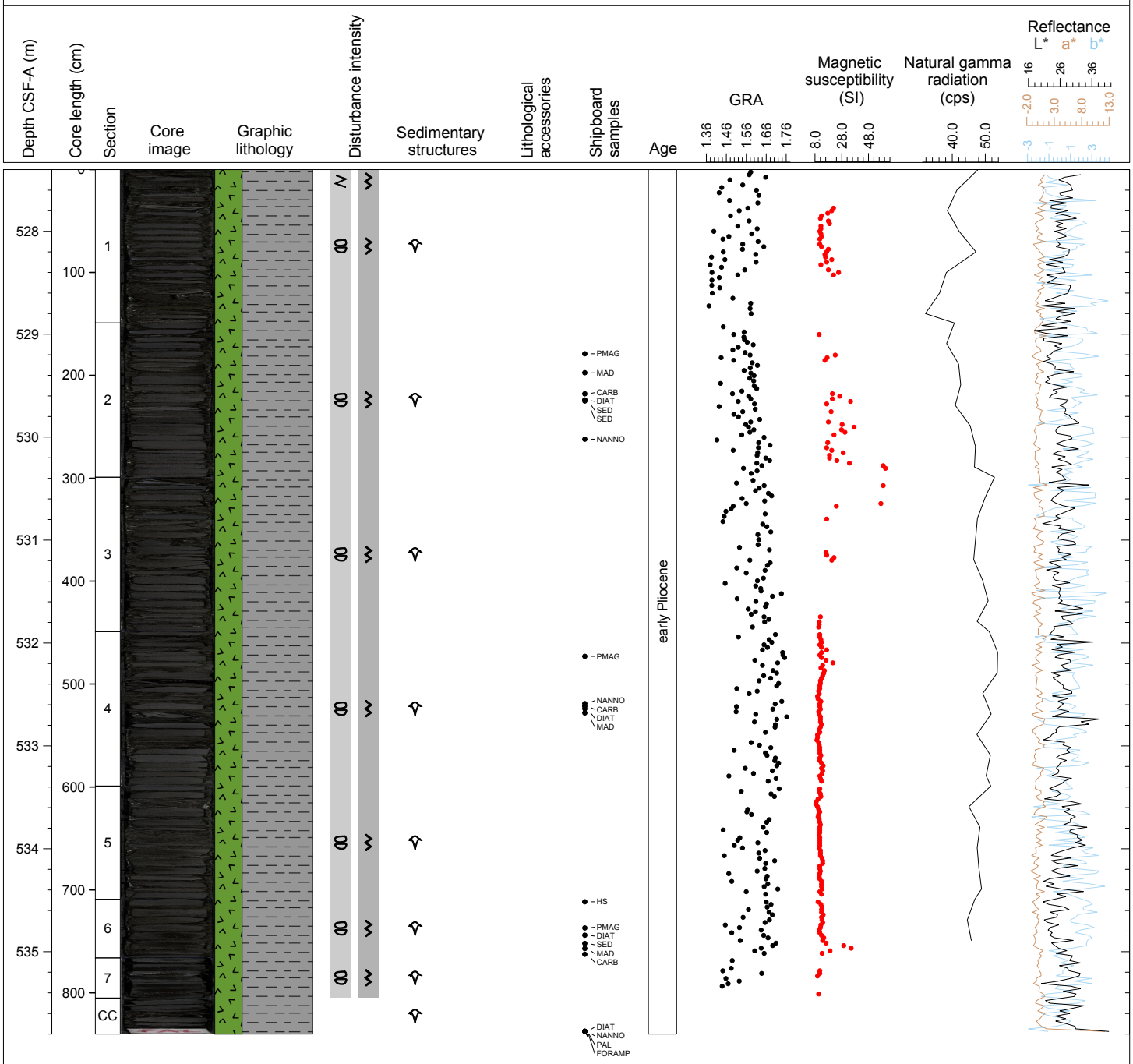
Hole 353-U1445A Core 60X, Interval 519.4-527.03 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. Brown portions contain up to 10% of nannofossils. The clay is well consolidated.



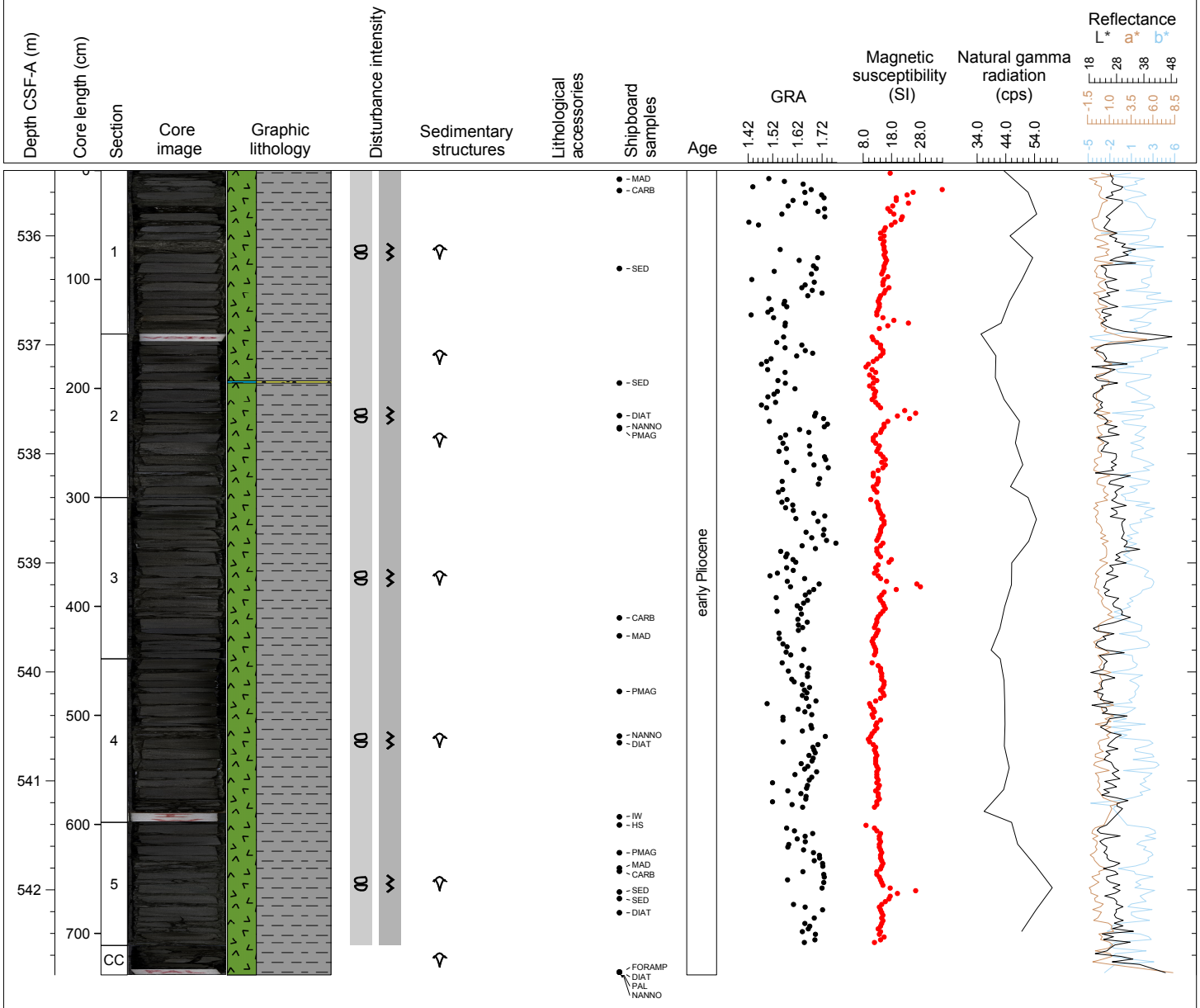
Hole 353-U1445A Core 61X, Interval 527.4-535.8 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. Apparent increase in frequency of brownish colorations and burrows compared to previous cores. Brownish portions contains up to 10% nannofossils. The clay is well consolidated.



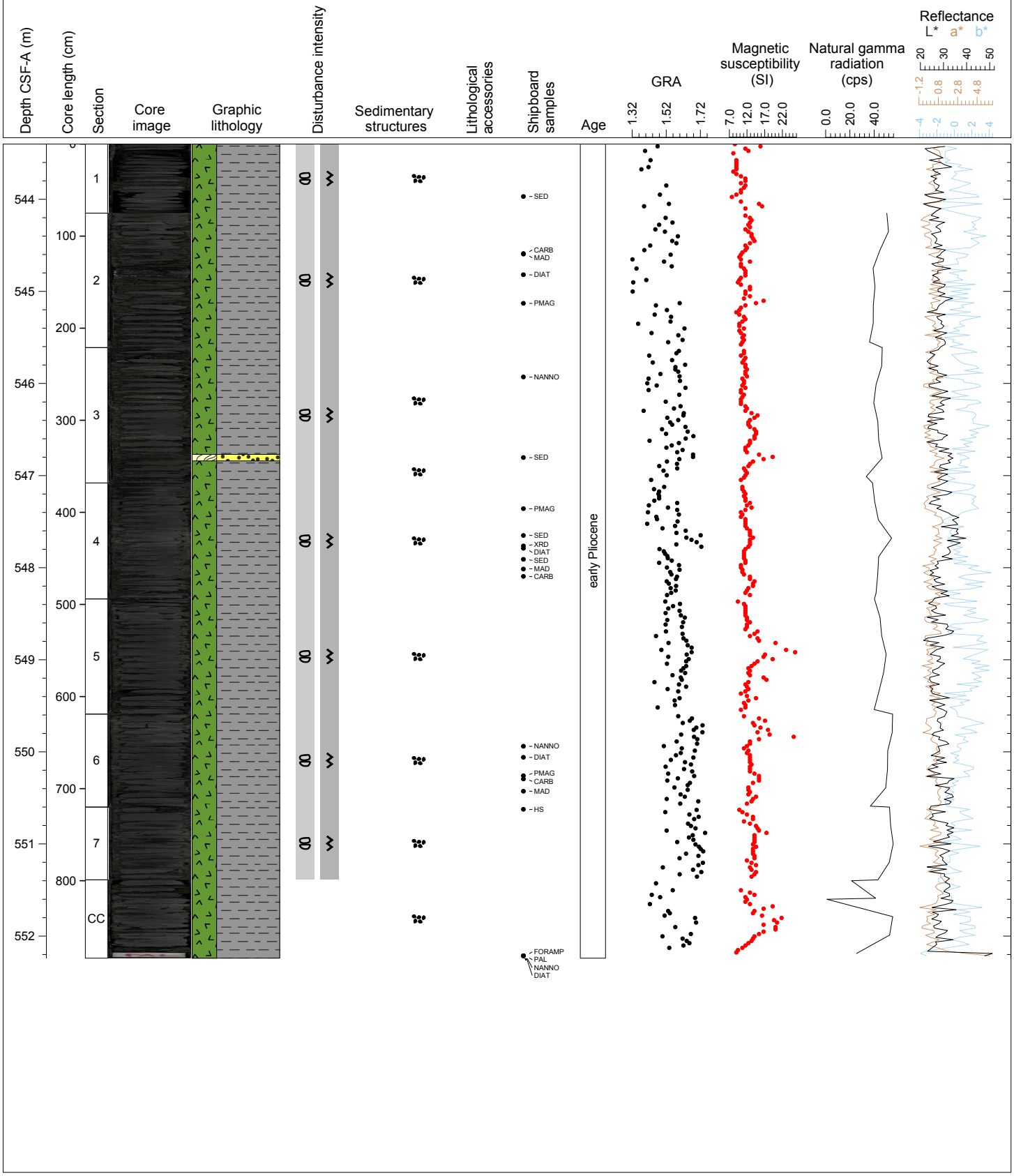
Hole 353-U1445A Core 62X, Interval 535.4-542.78 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 2.5/10Y) BIOSILICA rich CLAY with GLAUCONITE. Minor Lithology: Dark brownish gray (5Y 3/1) patches of BIOSILICA rich CLAY with NANNOFOSSILS. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sedment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is very well consolidated.



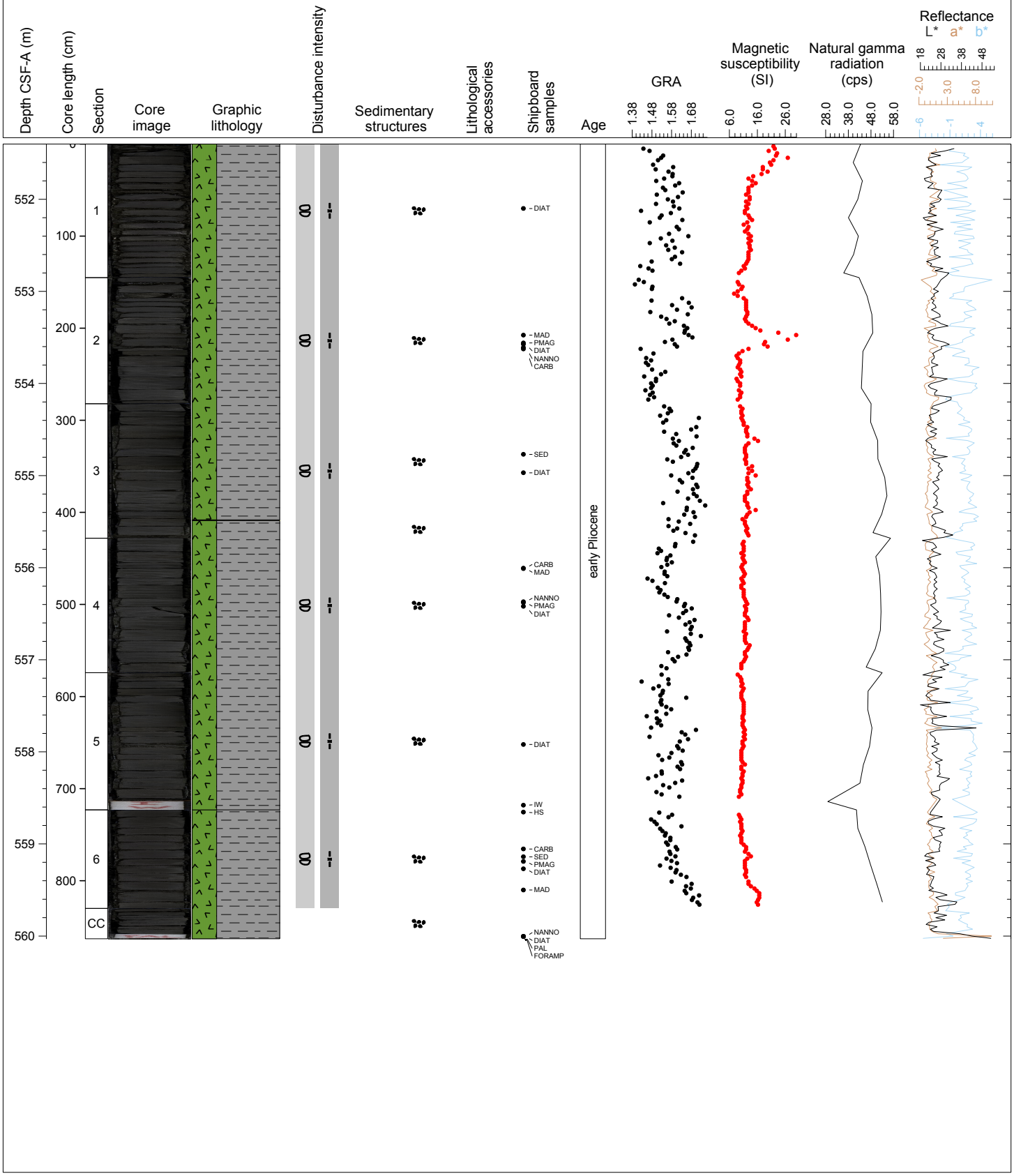
Hole 353-U1445A Core 63X, Interval 543.4-552.24 m (CSF-A)

Major Lithology: Dark gray (GLEY 1 3/N) BIOSILICA rich CLAY with GLAUCONITE. Minor Lithology: Dark brownish gray (5Y 3/1) patches of BIOSILICA rich CLAY with NANNOFOSSILS. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core. The clay is very well consolidated.



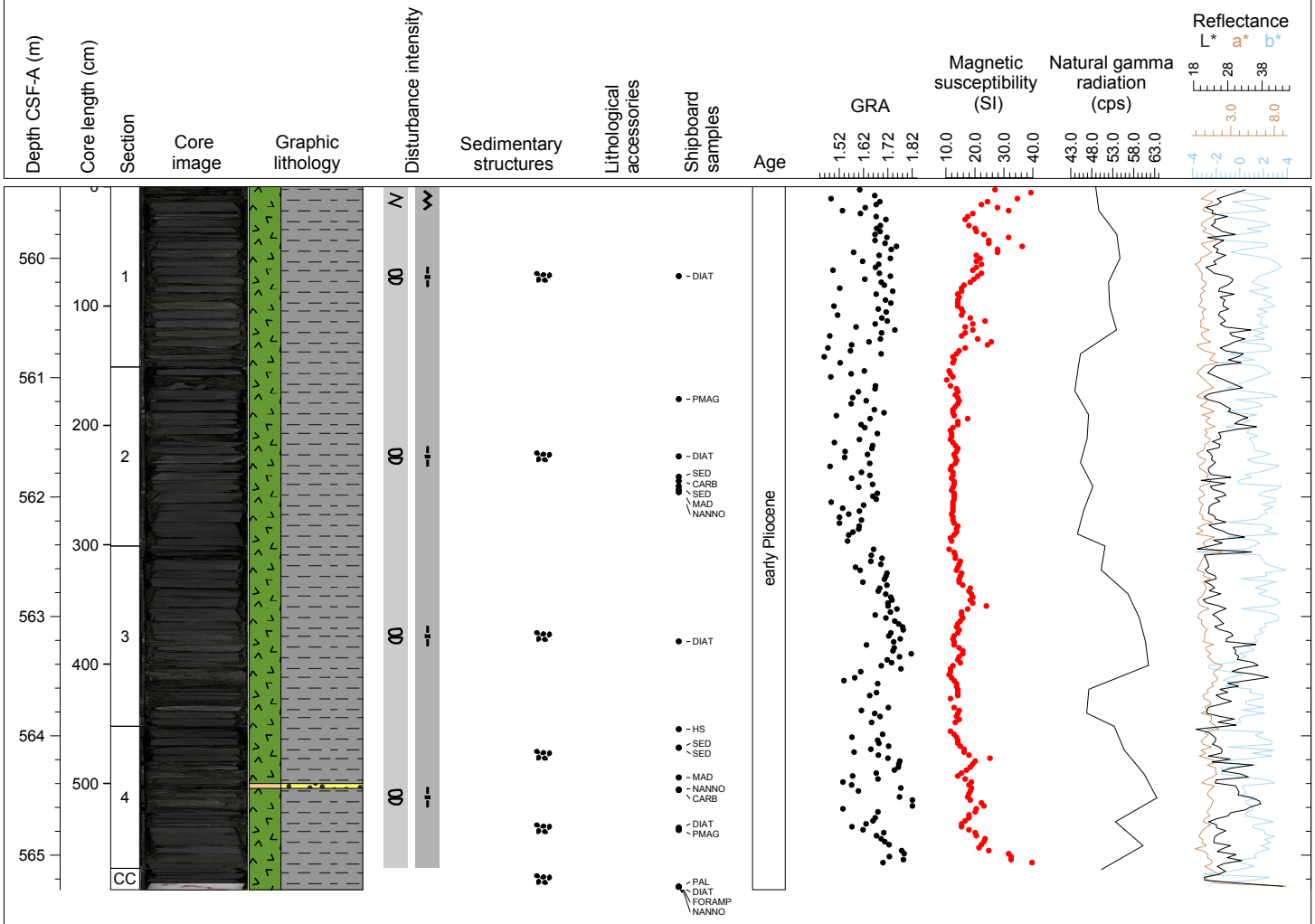
Hole 353-U1445A Core 64X, Interval 551.4-560.03 m (CSF-A)

Major Lithology: Dark gray (GLEY 1 3/N) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Moderate biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Faint color variations from very dark gray (GLEY 1 3/N) to dark gray (GLEY 1 4/N) with burrows. Some fine sand-to-clay turbidites are present. Brownish portions contain up to 10% nannofossils. The clay is very well consolidated.



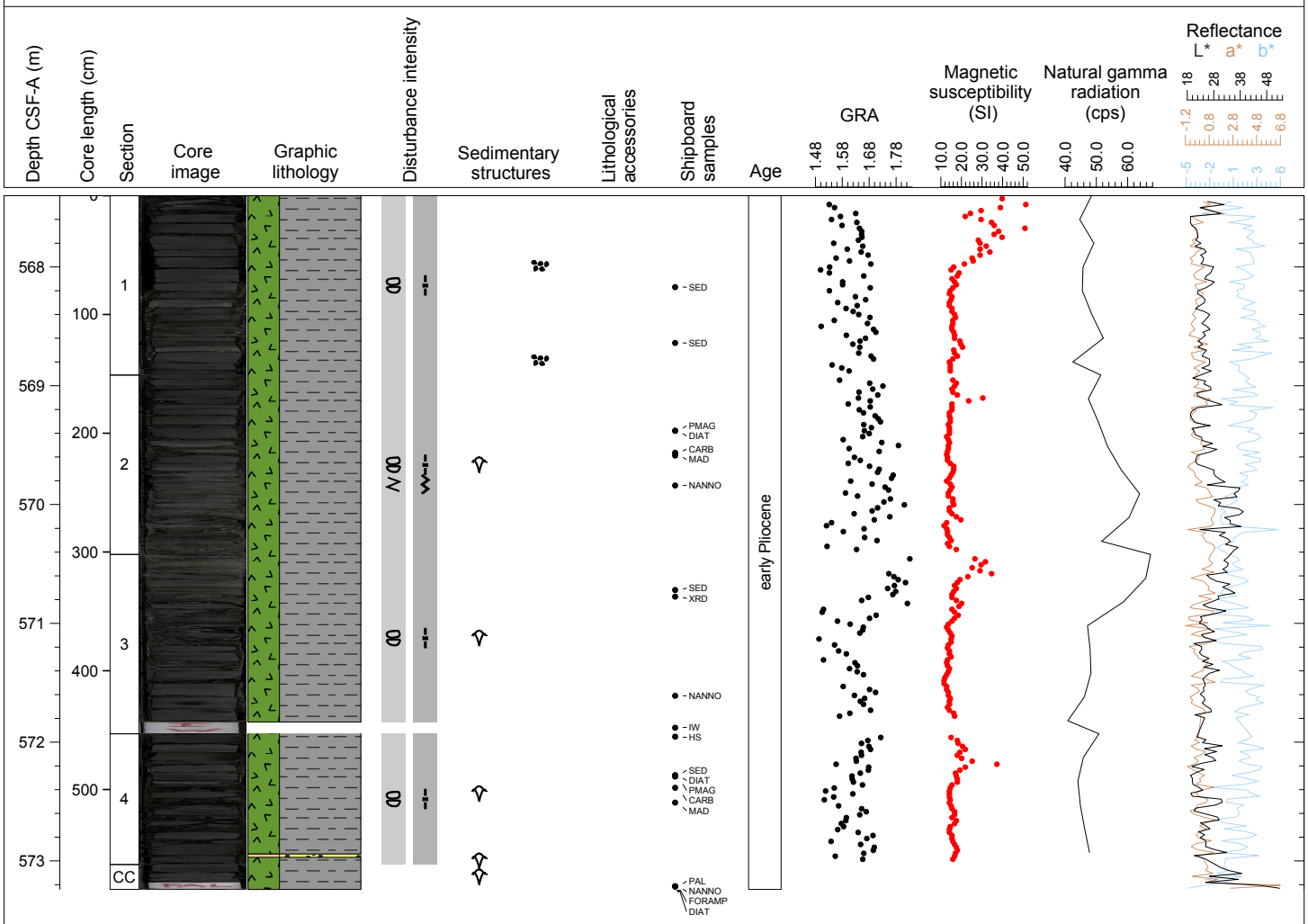
Hole 353-U1445A Core 65X, Interval 559.4-565.29 m (CSF-A)

Major Lithology: Dark gray (GLEY 1 3/N) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Moderate biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Faint color variations from very dark gray (GLEY 1 3/N) to dark gray (GLEY 1 4/N) with burrows. One fine sand-to-clay turbidite is present. Brownish portions contain up to 10% nannofossils. The clay is very well consolidated.



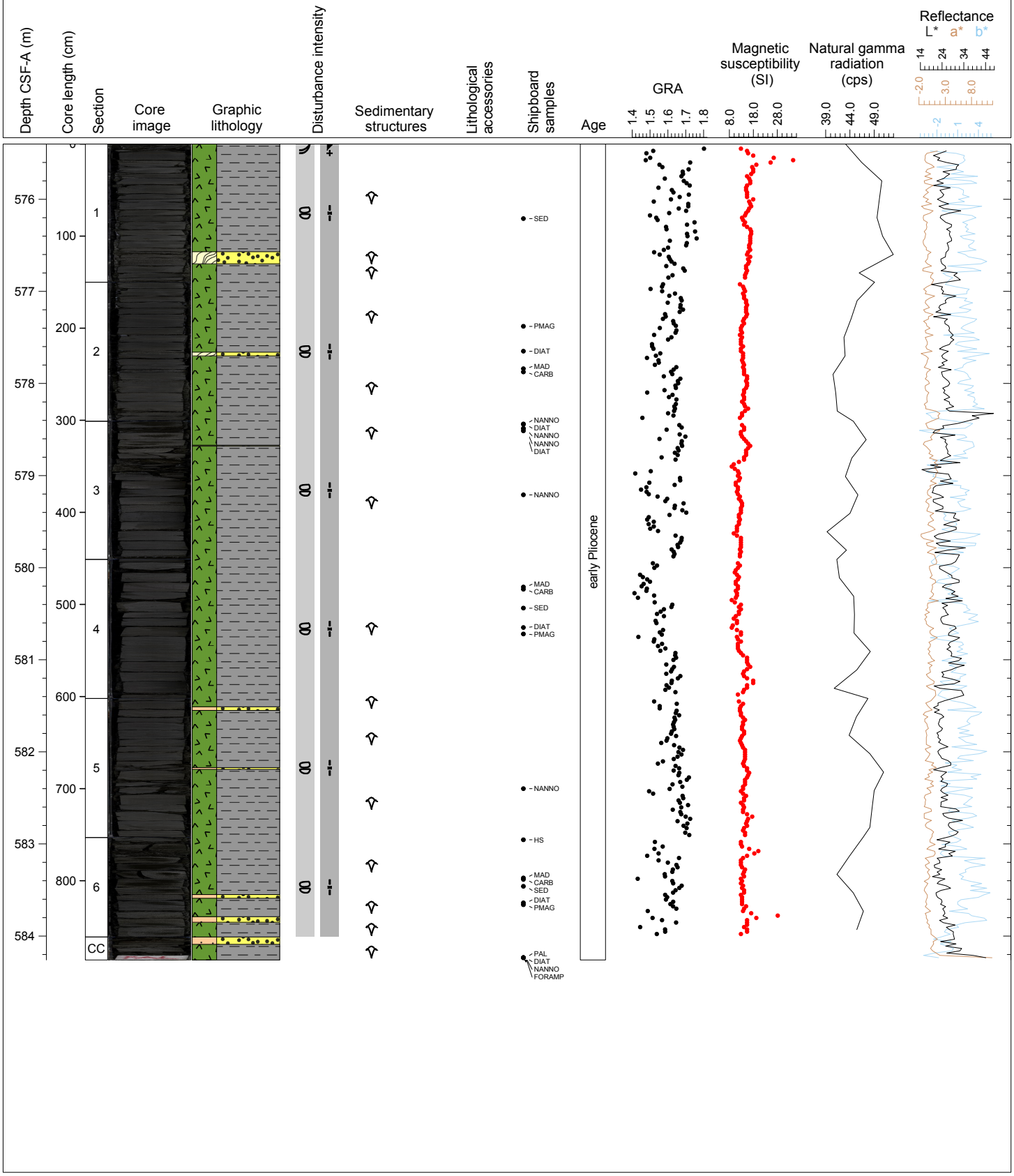
Hole 353-U1445A Core 66X, Interval 567.4-573.24 m (CSF-A)

Major Lithology: Dark gray (GLEY 1 4/N) and gray (GLEY 1 5/N) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Moderate biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Faint color variations from very dark gray (GLEY 1 3/N) to gray (GLEY 1 5/N) with burrows. Two fine sand-to-clay turbidites are present. Brownish portions contain up to 10% nannofossils. The clay is very well consolidated.



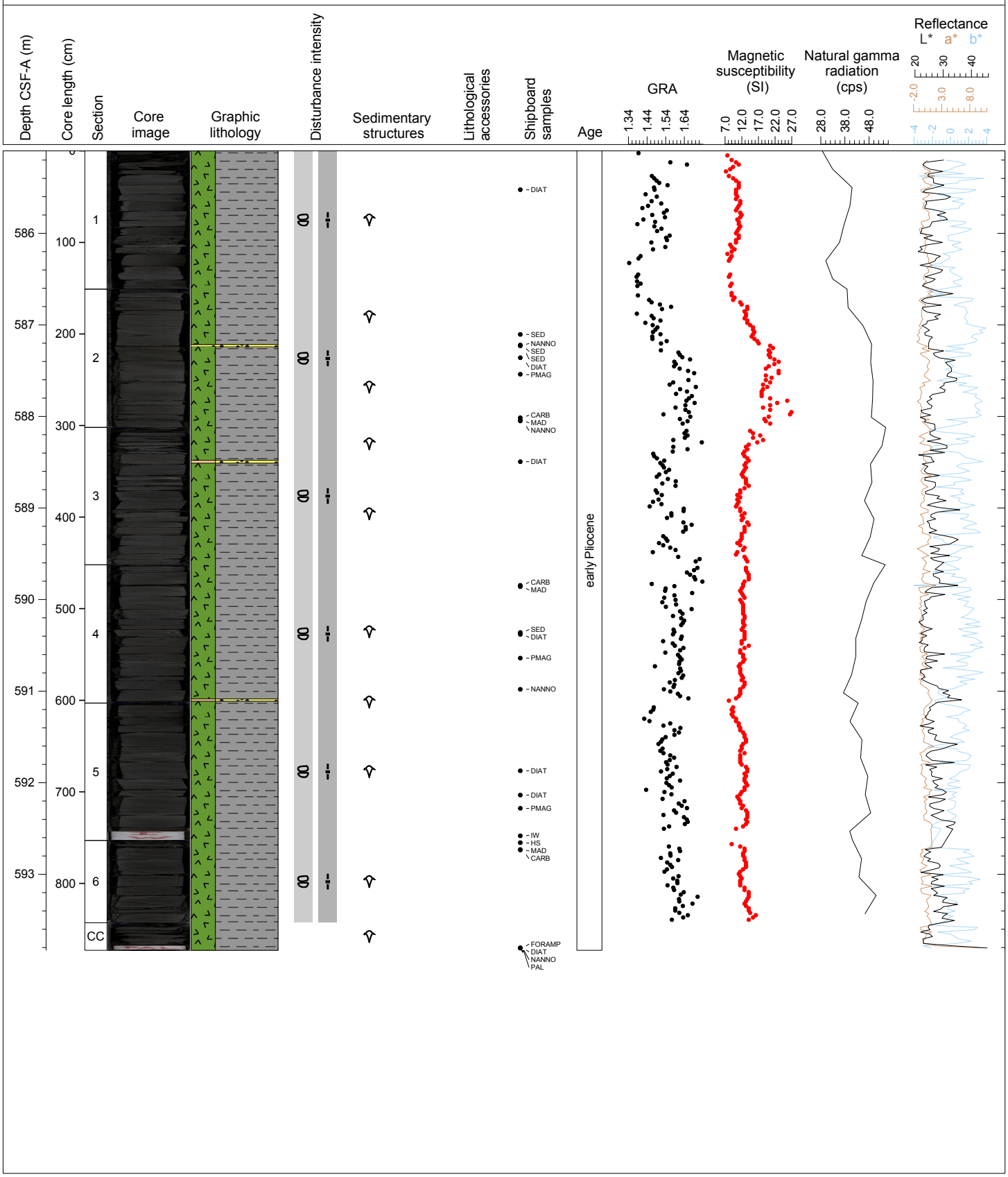
Hole 353-U1445A Core 67X, Interval 575.4-584.26 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Moderate biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Some sand-to-clay turbidites are present. The clay is very well consolidated, shows mottling, and contains burrows throughout.



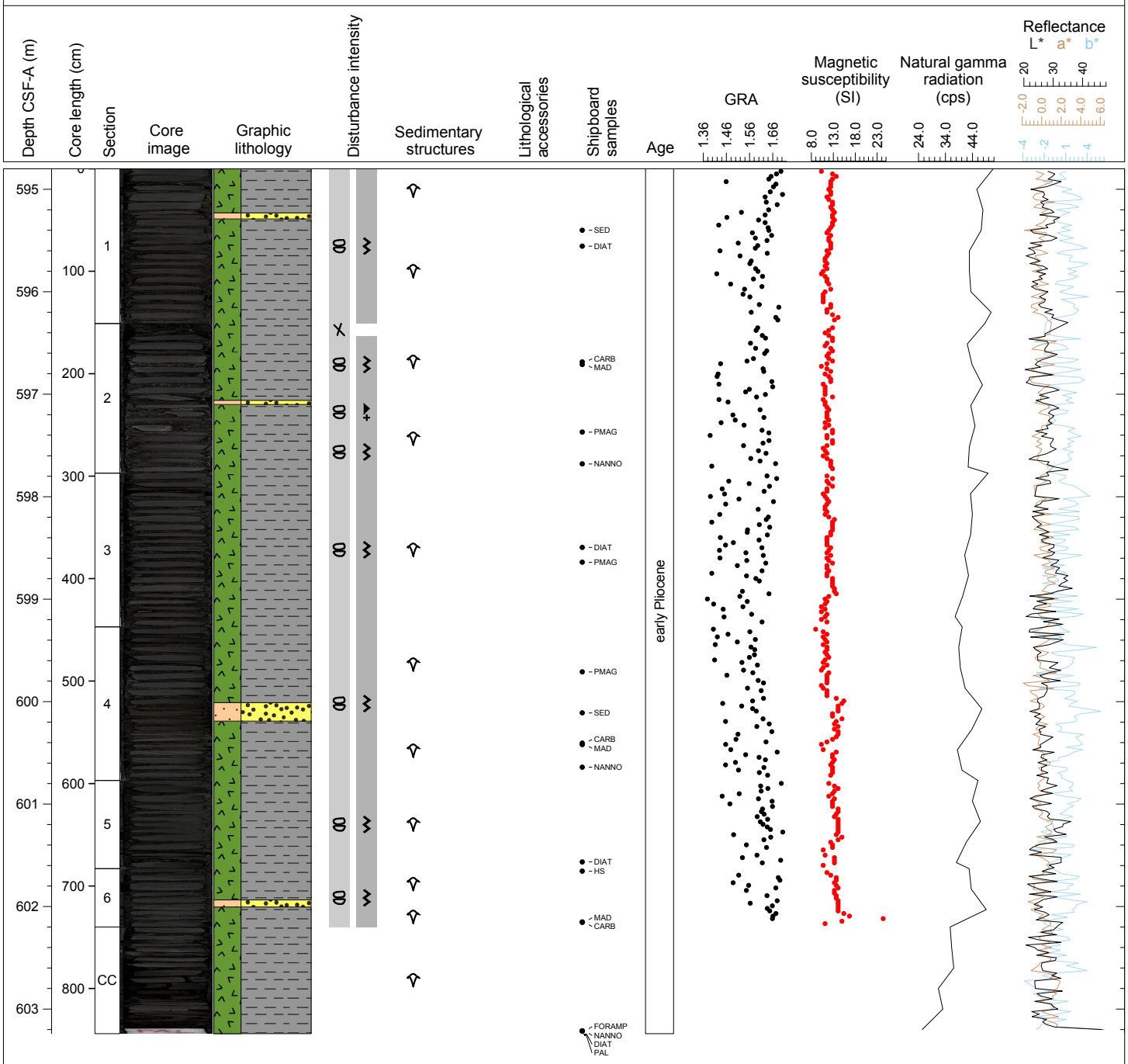
Hole 353-U1445A Core 68X, Interval 585.1-593.83 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Moderate biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Some sand-to-clay turbidites are present. The clay is very well consolidated. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core.



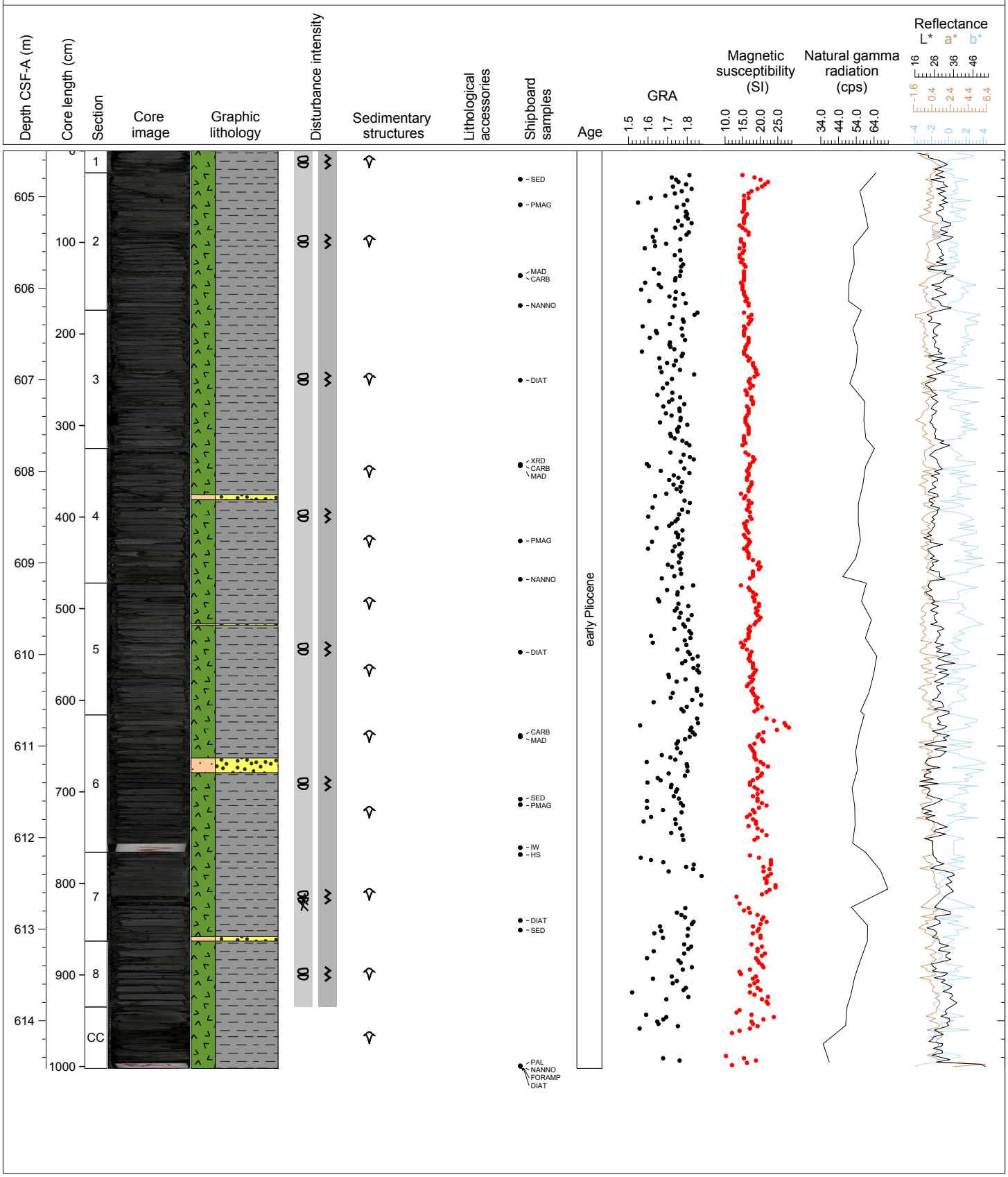
Hole 353-U1445A Core 69X, Interval 594.8-603.24 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Some sand-to-clay turbidites are present. The clay is very well consolidated. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core.



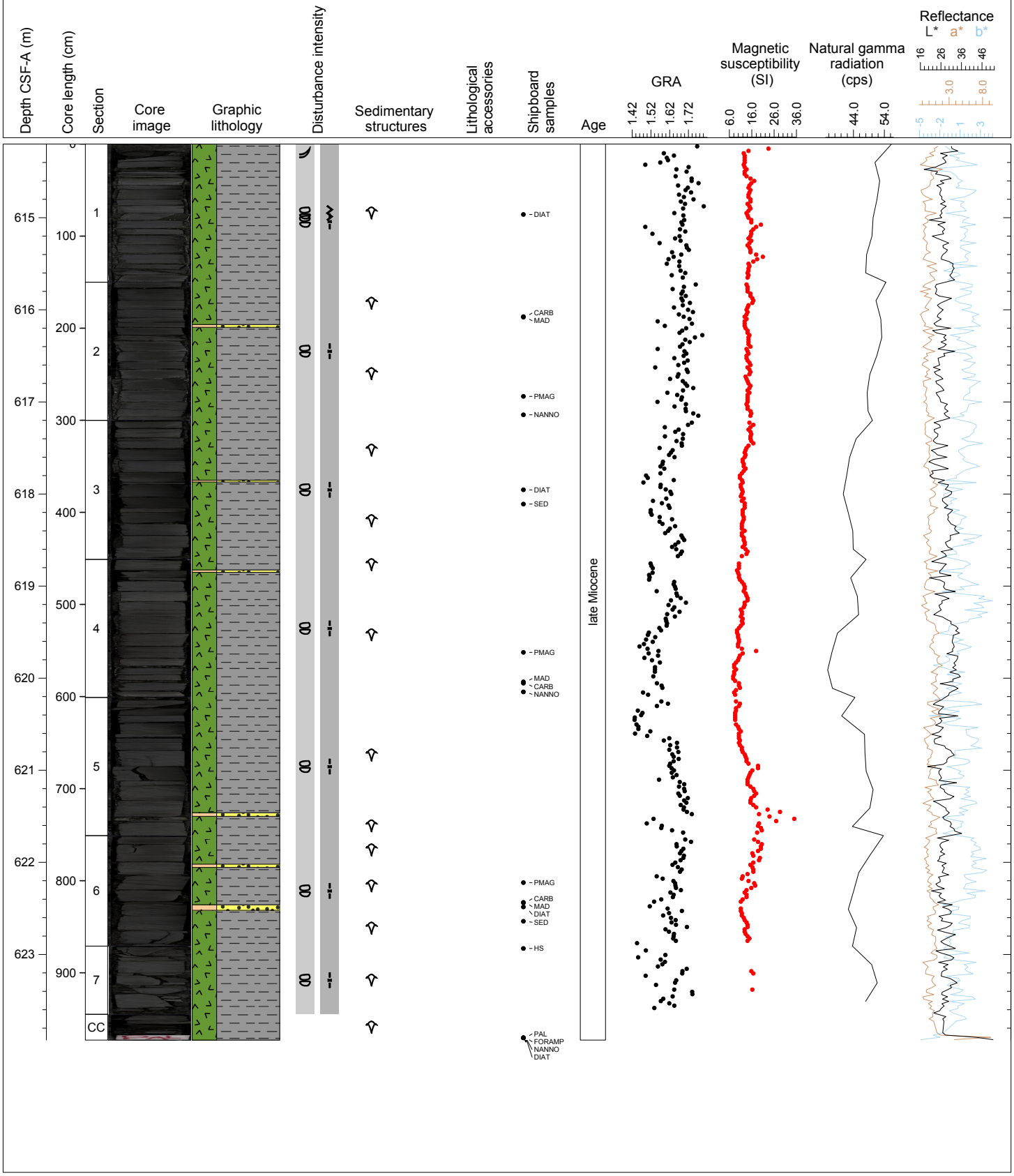
Hole 353-U1445A Core 70X, Interval 604.5-614.52 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY) BIOSILICA rich CLAY with GLAUCONITE to dark greenish gray (GLEY 1 4/5GY) BIOSILICA rich CLAY with NANNOFOOSSILS. General Comments: Severe biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Some sand-to-clay turbidites are present. The clay is very well consolidated. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core.



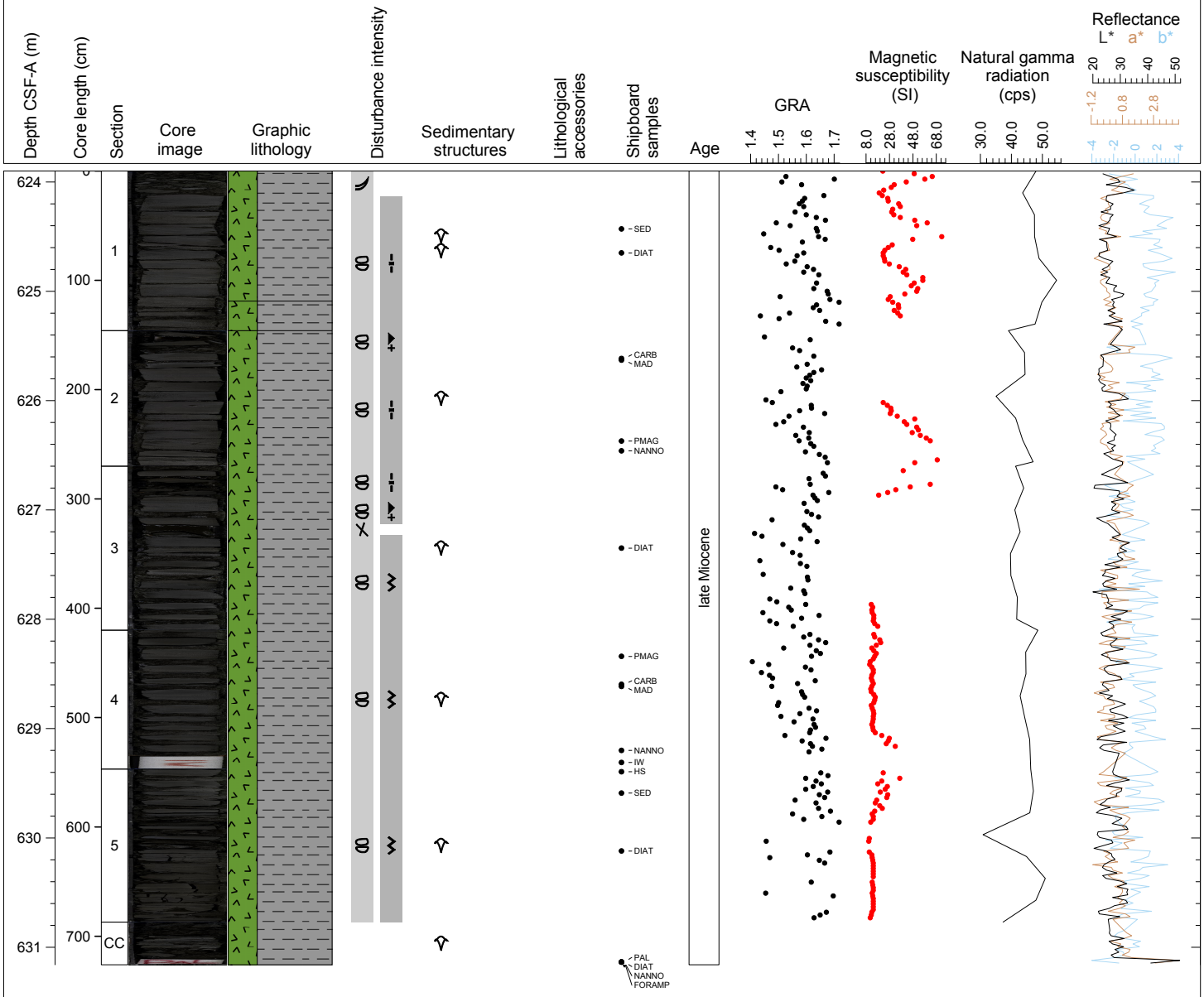
Hole 353-U1445A Core 71X, Interval 614.2-623.93 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE and BIOSILICA rich CLAY with NANNOFOSSILS. General Comments: Moderate biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Some sand-to-clay turbidites are present. The clay is very well consolidated. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Color banding with brownish colors (5Y 4/2), burrows and mottled structures are visible throughout the core.



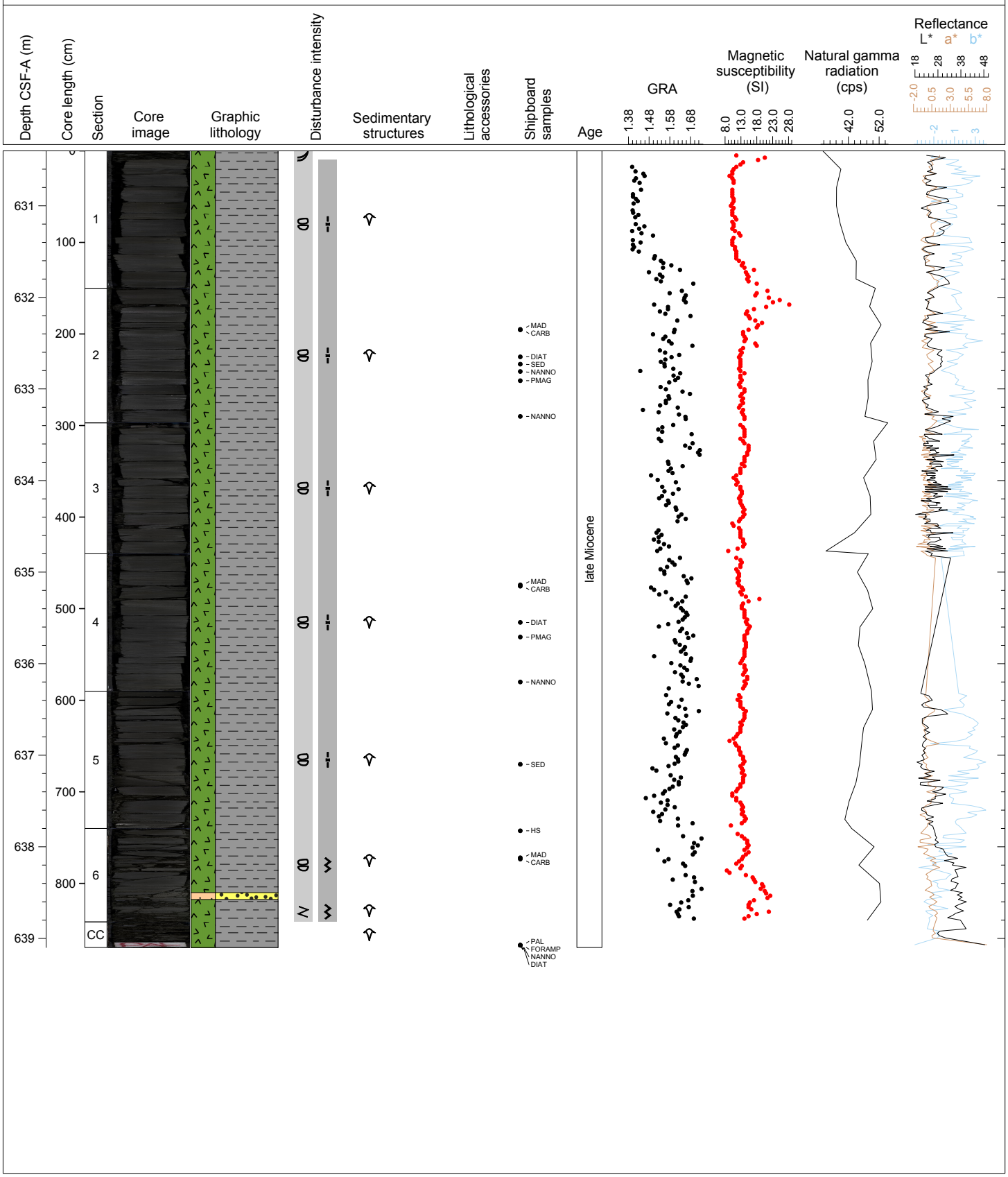
Hole 353-U1445A Core 72X, Interval 623.9-631.16 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Moderate biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. The clay is very well consolidated. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Brown (5Y 4/2; foraminifer rich) sandy blebs, burrows and mottled structures are visible throughout the core.



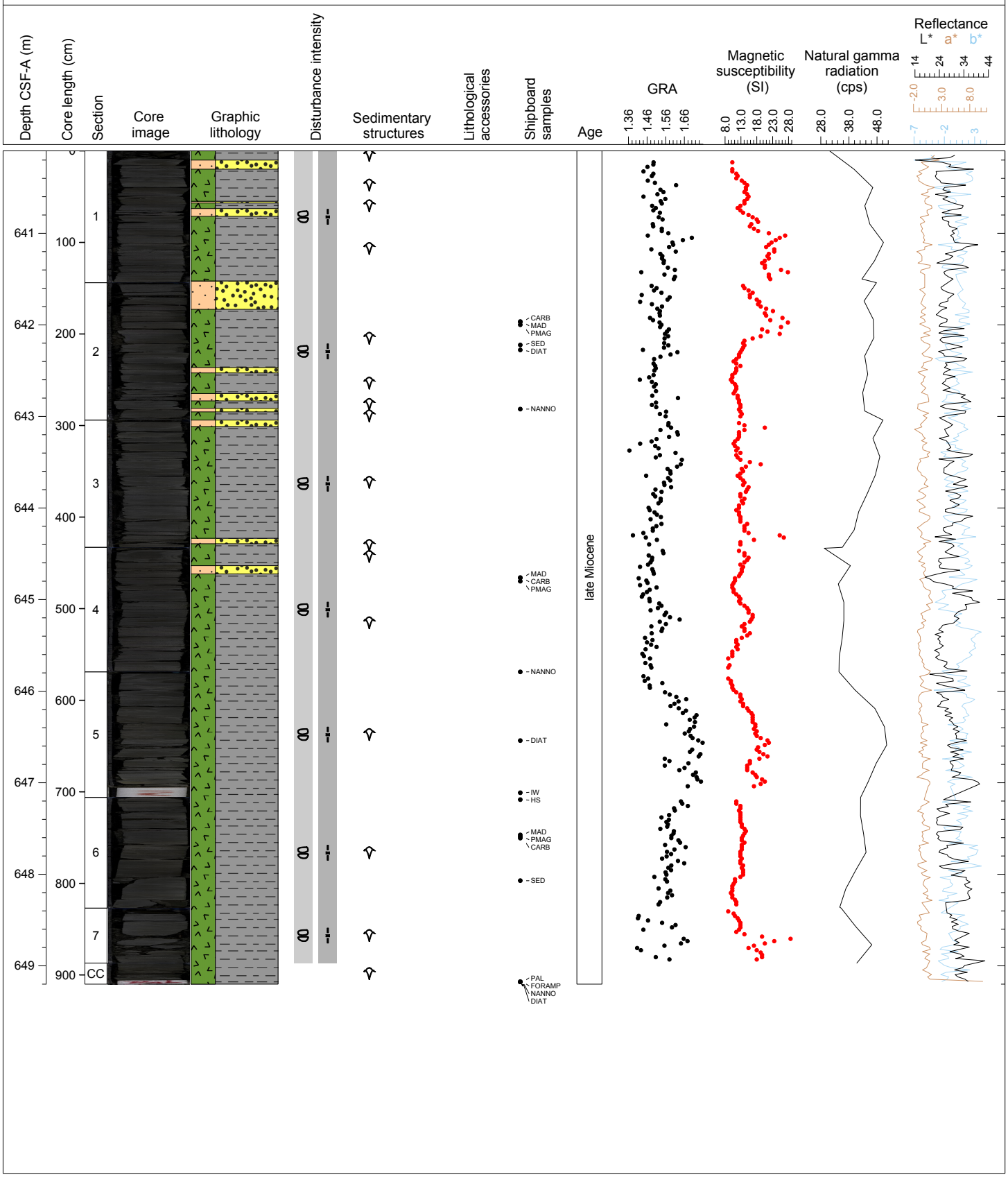
Hole 353-U1445A Core 73X, Interval 630.4-639.1 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Moderate biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. The clay is very well consolidated. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Greenish brown silty sand blebs, burrows and mottled structures are visible throughout the core.



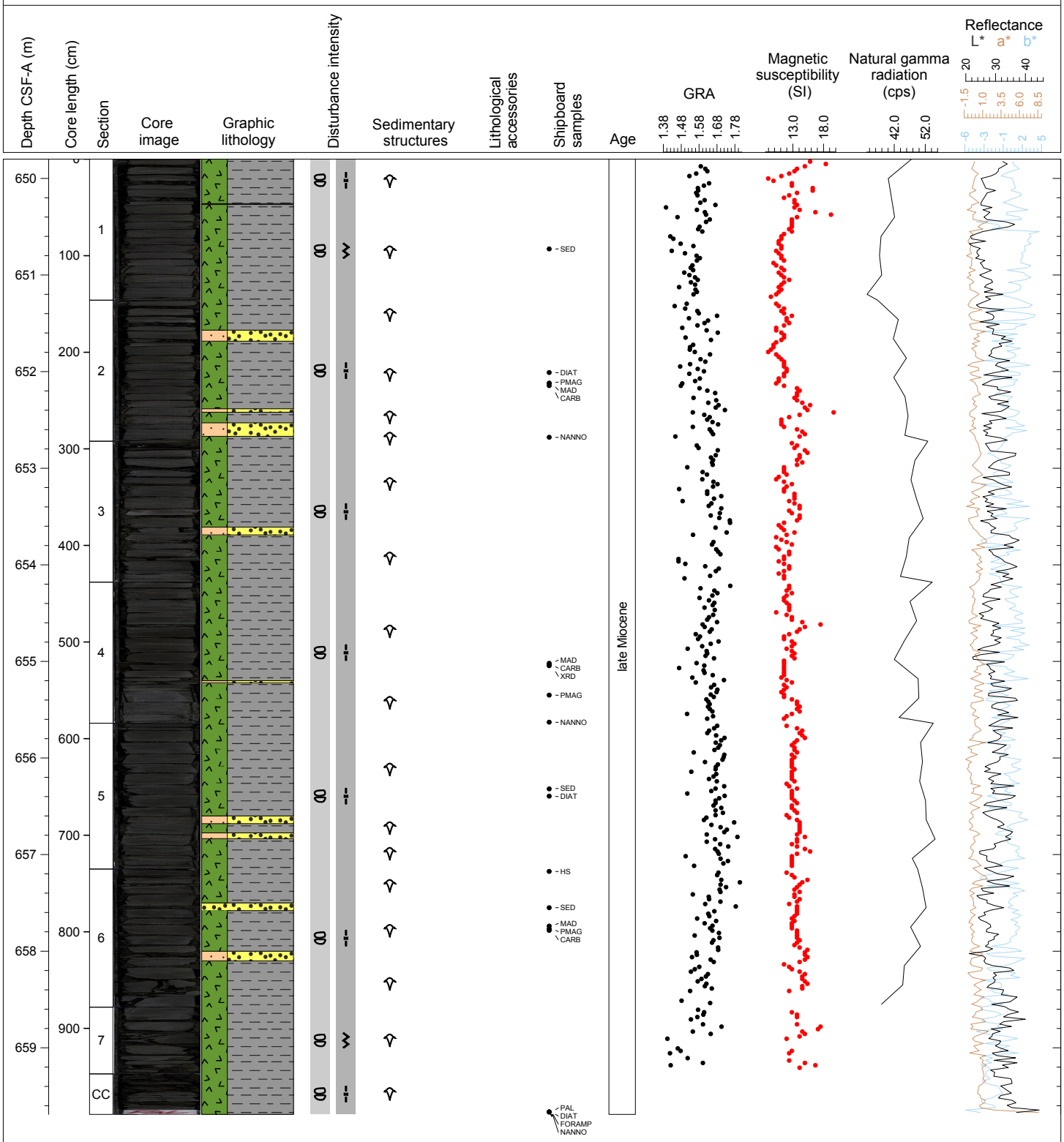
Hole 353-U1445A Core 74X, Interval 640.1-649.2 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Moderate biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Many sand-to-clay turbidites are present in Section 1 to 4. The clay is very well consolidated. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Greenish brown silty sand blebs, burrows and mottled structures are visible throughout the core.



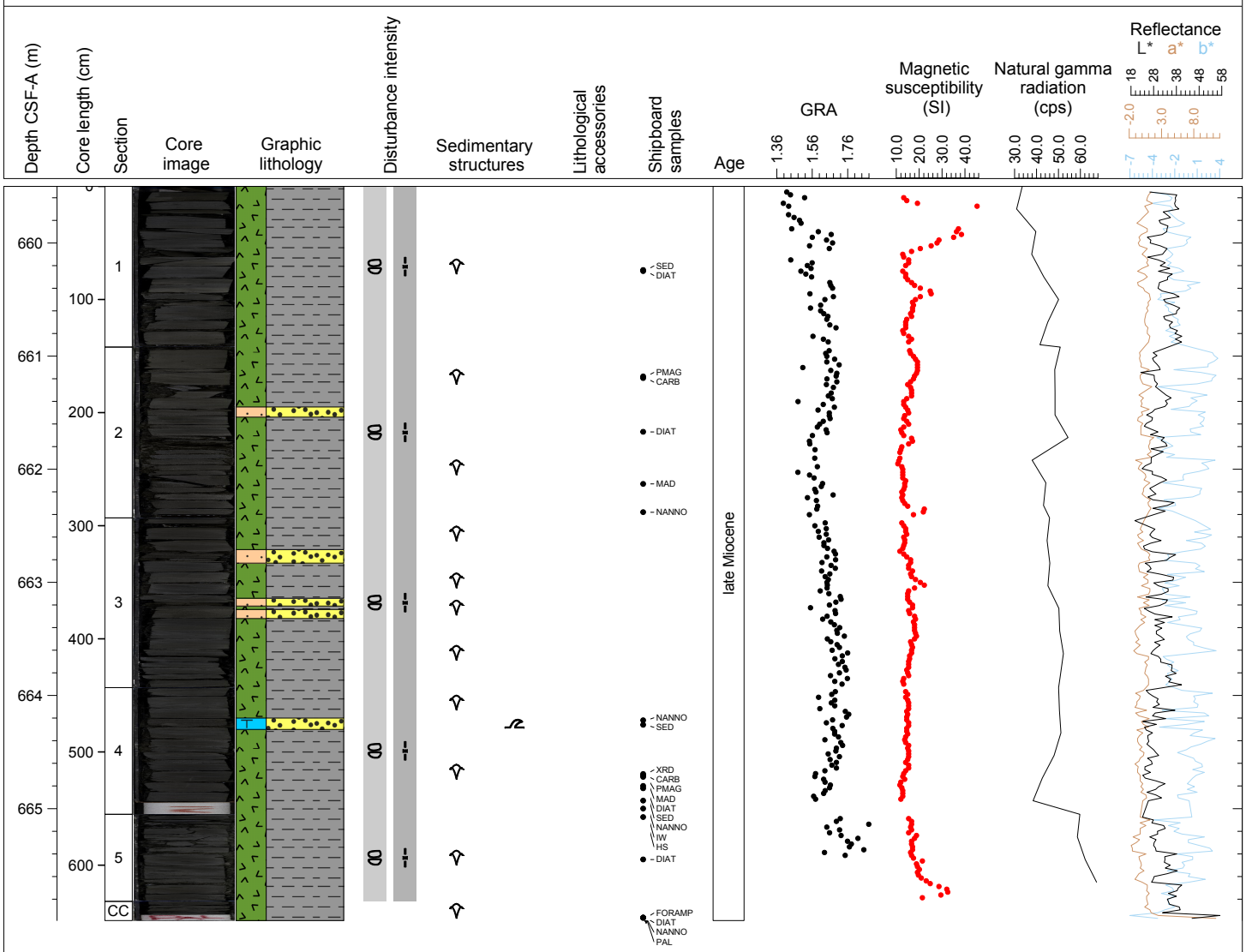
Hole 353-U1445A Core 75X, Interval 649.8-659.69 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Moderate biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Many sand-to-clay turbidites are present. The clay is very well consolidated. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Greenish brown silty sand blebs, burrows and mottled structures are visible throughout the core.



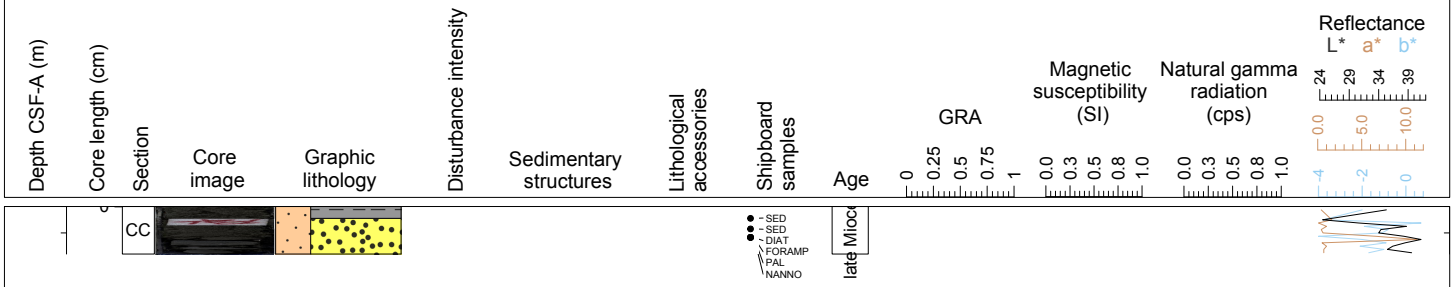
Hole 353-U1445A Core 76X, Interval 659.5-665.99 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y, 3/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Moderate biscuiting drilling disturbance. Fragments (variable size) of consolidated sediments alternating with mud all along the section. Sediment is homogeneous. Many sand-to-clay turbidites are present. The clay is very well consolidated. Faint color variations from very dark greenish gray (GLEY 1 3/5GY, 3/10Y) to dark greenish gray (GLEY 1 4/5GY, 4/10Y) with burrows. Greenish brown silty sand blebs, burrows and mottled structures are visible throughout the core.



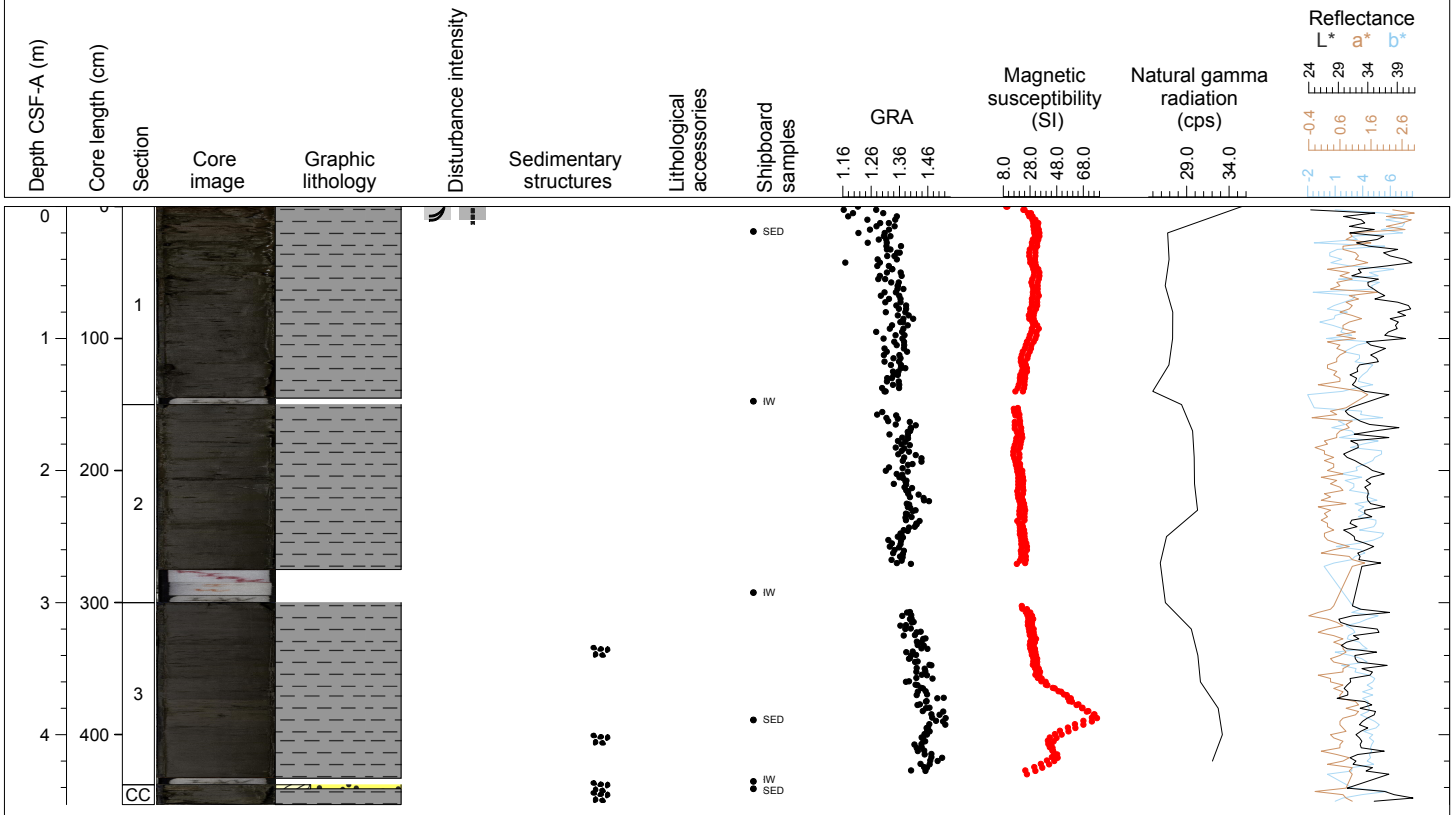
Hole 353-U1445A Core 77X, Interval 667.2-667.56 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y, 3/5GY) CLAY with BIOSILICA. General Comments: There is one sand-to-clay turbidite present. Sediment is almost lithified.



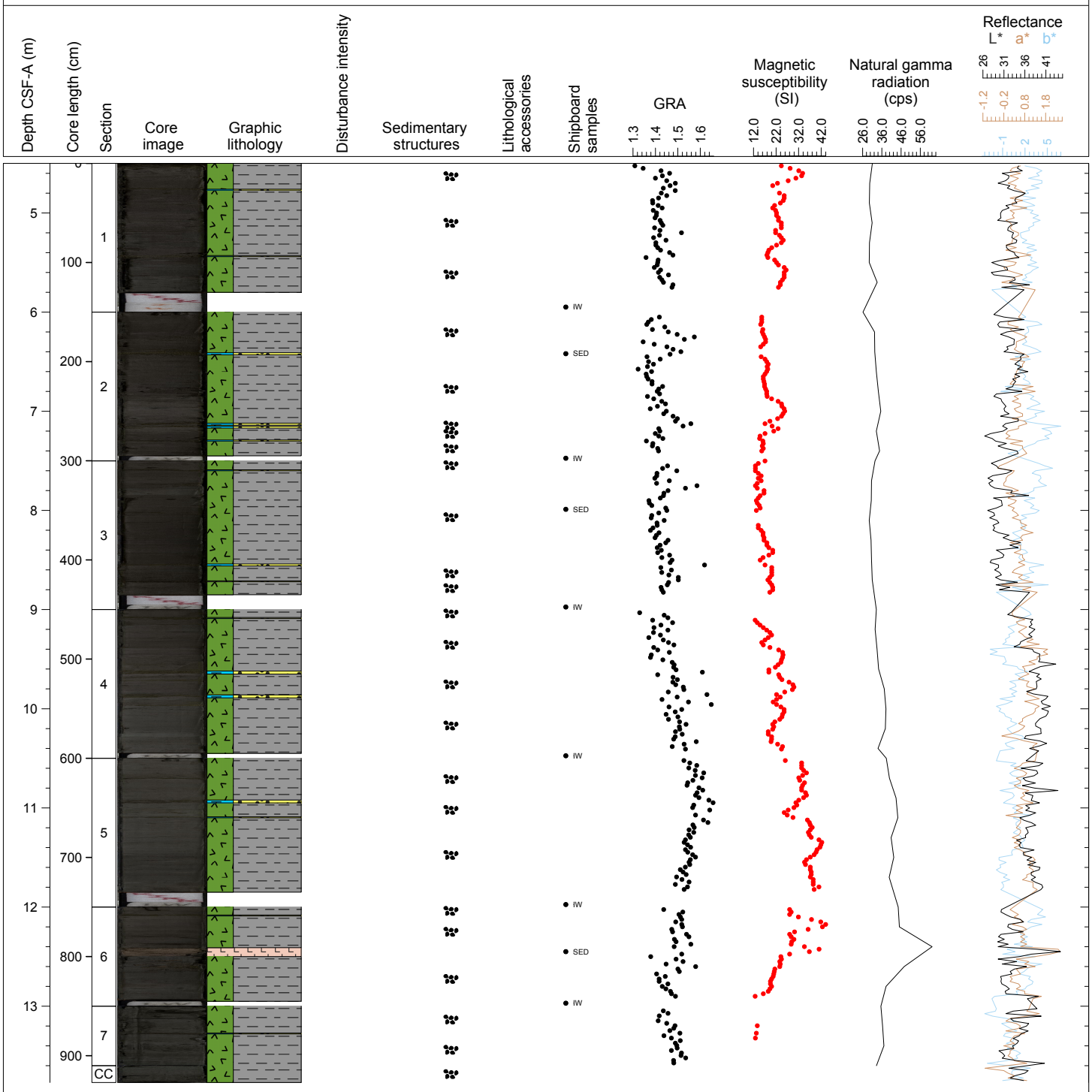
Hole 353-U1445B Core 1H, Interval 0.0-4.53 m (CSF-A)

Major Lithology: Brownish gray (2.5Y 3/2) to gray (2.5Y 5/1) CLAY. General Comments: Light brown coloration at the top 10cm of Section 1 may be related to the oxidation of the sediments. Mottling is prevalent in Section 3.



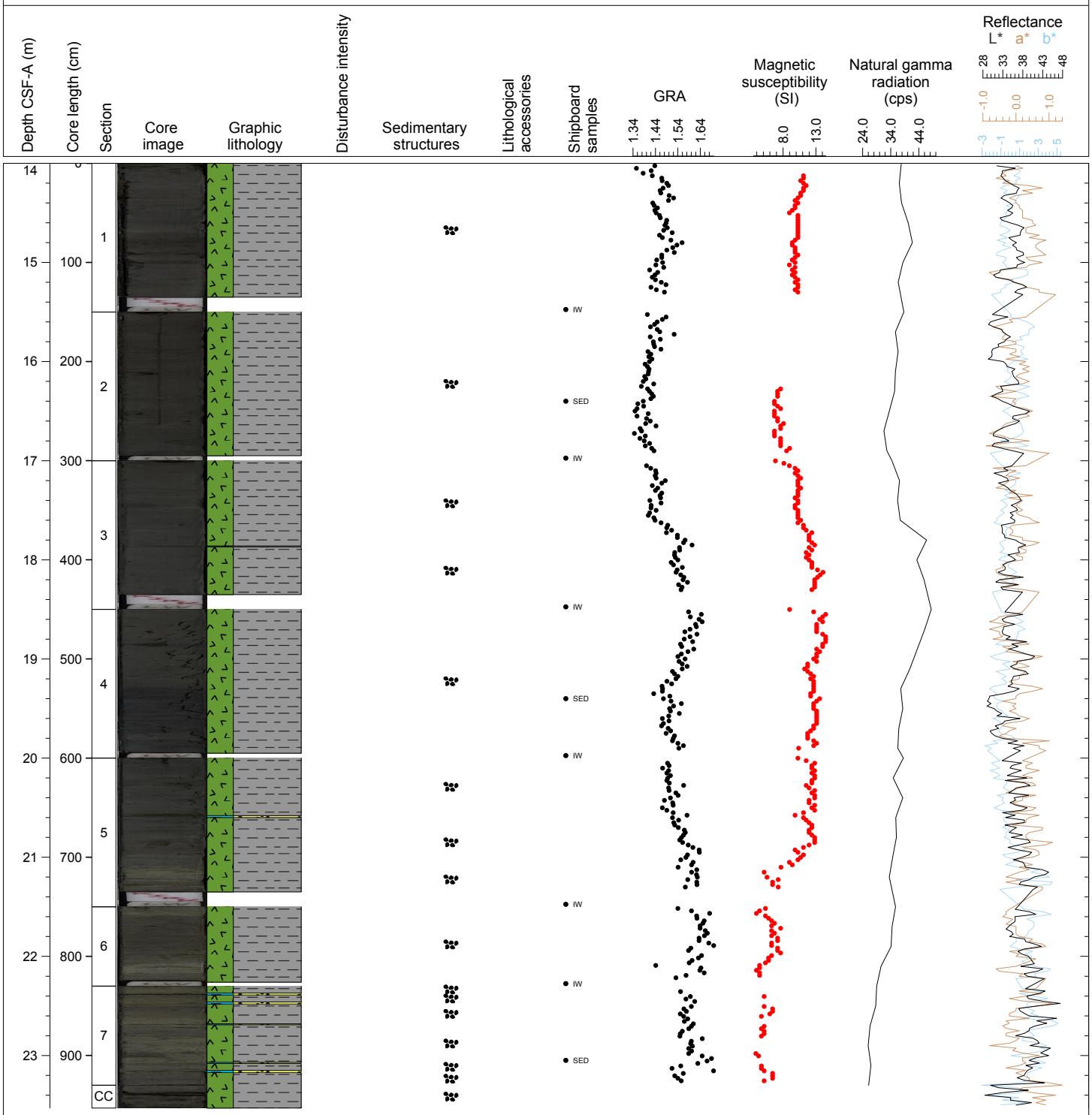
Hole 353-U1445B Core 2H, Interval 4.5-13.77 m (CSF-A)

Major Lithology: Dark gray (5Y 3/1) to gray (5Y 4/1) BIOSILICA rich CLAY. General Comments: Sand-to-clay turbidites containing SILTY SAND with FORAMINIFERS are abundant in the core. Section 6 contains an ASH layer (potentially Toba?). Mottling and light color variation from paler brownish gray to darker gray (and vice versa) is present throughout the core.



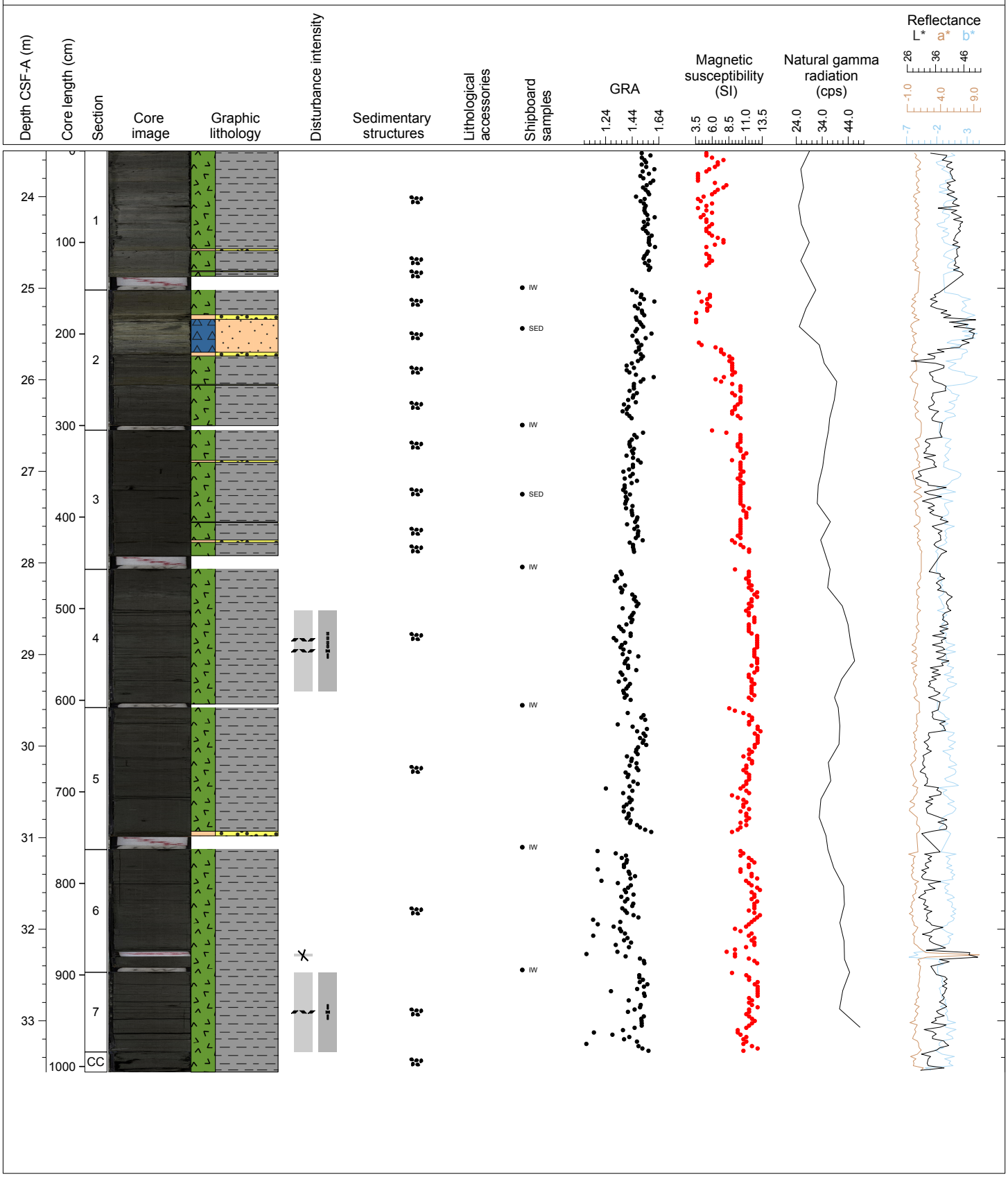
Hole 353-U1445B Core 3H, Interval 14.0-23.53 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE to light greenish gray (GLEY 1 6/10Y) BIOSILICA rich CLAY.
General Comments: Sand-to-clay turbidites containing FORAMINIFER rich SAND are abundant in the core. Mottling and light color variation from paler to darker colors (and vice versa) is present from section 4 onwards. The sediment is homogenous.



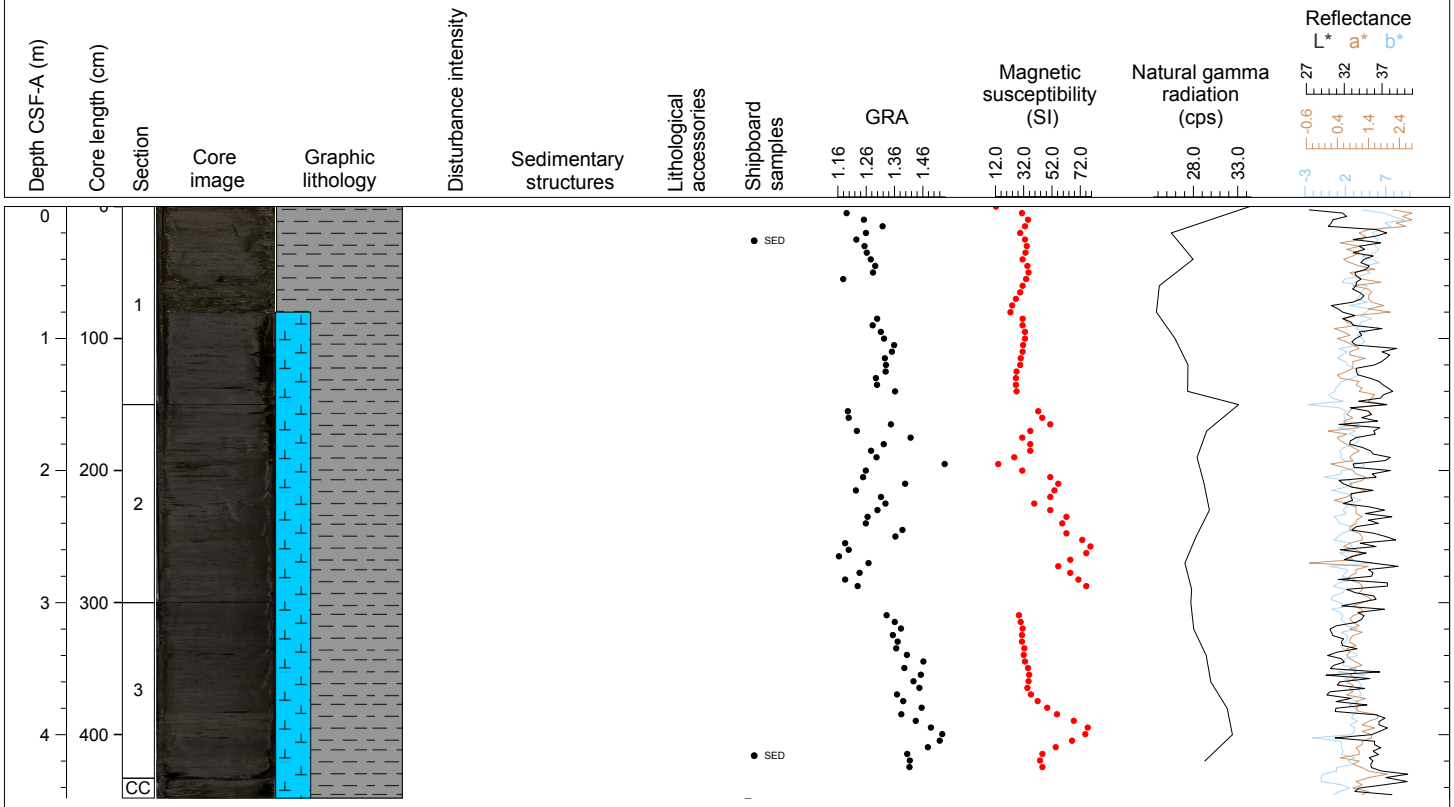
Hole 353-U1445B Core 4H, Interval 23.5-33.56 m (CSF-A)

Major Lithology: Greenish gray (GLEY 1 3/10Y) to light greenish gray (GLEY 1 6/10Y) CLAY with BIOSILICA. General Comments: Sand-to-clay turbidites containing FORAMINIFER rich SAND are abundant in the core. Section 2 contains a distinct, pale layer composed of AUTHIGENIC CARBONATE rich SILT. Mottling and light color variation from paler to darker colors (and vice versa) is present. Section 4 onwards contains drilling disturbances in the form of cracks (possibly due to gas expansion).



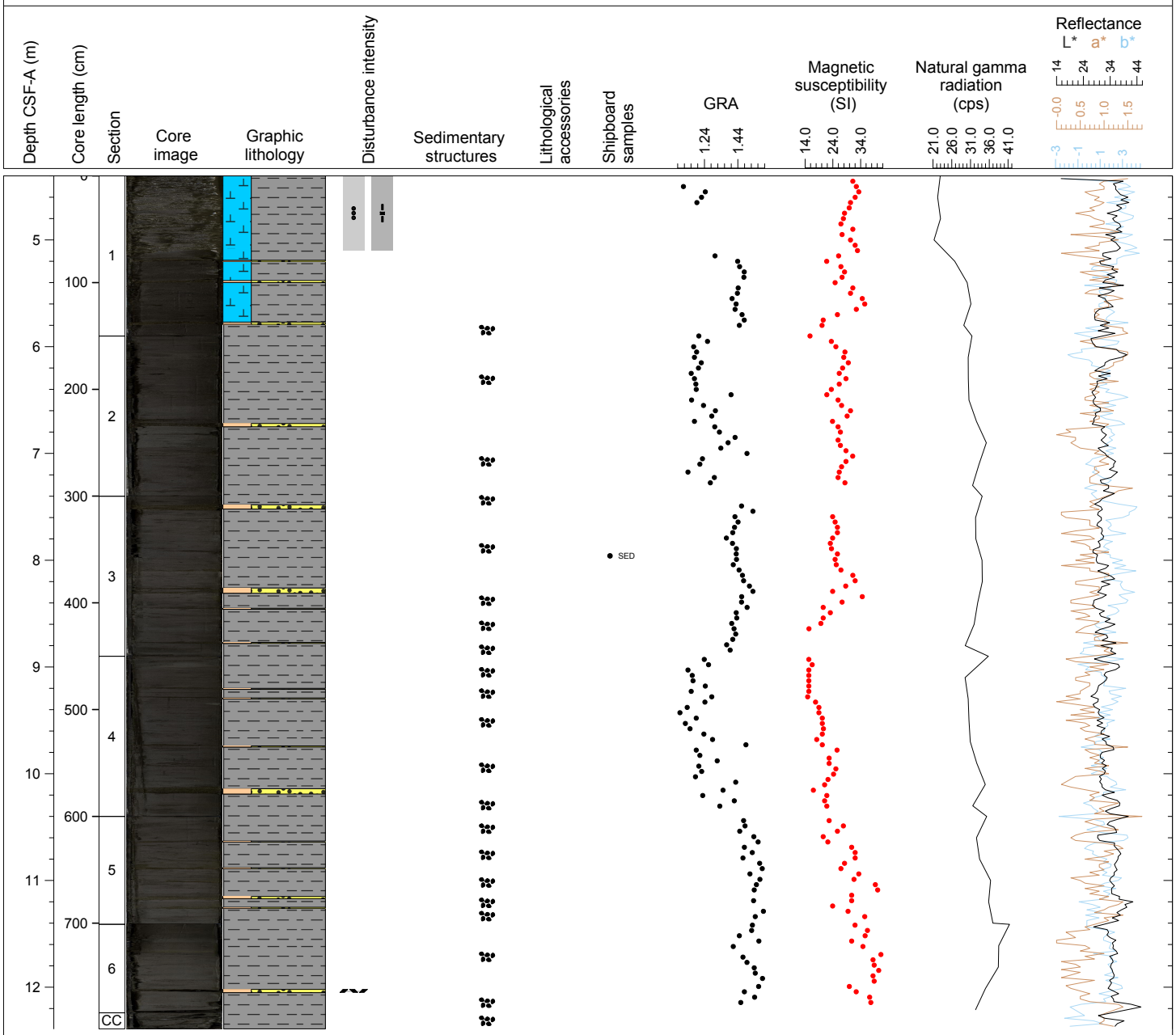
Hole 353-U1445C Core 1H, Interval 0.0-4.48 m (CSF-A)

Major Lithology: Dark gray (5Y 4/1) NANNOFOSSIL rich CLAY with FORAMINIFERS. Minor Litholgoy: Brown (5Y 3/2) CLAY with BIOSILICA. General Comments: Topmost portion of Section 1 is brown potentially due to the oxidation of the sediments. Drilling disturbance is minimal.



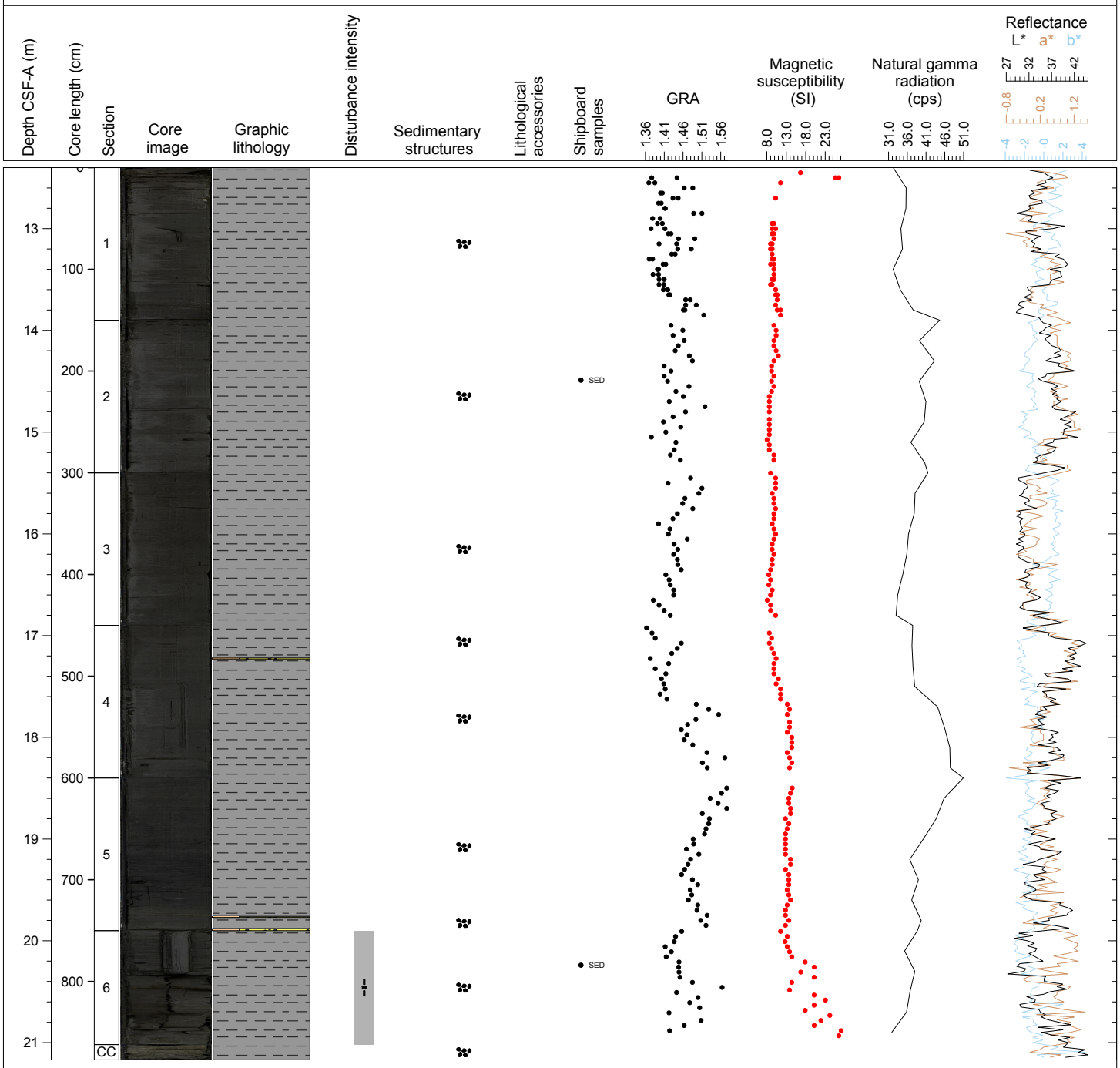
Hole 353-U1445C Core 2H, Interval 4.4-12.39 m (CSF-A)

Major Lithology: Dark gray (5Y 4/1) to gray (5Y 5/1) CLAY with NANNOFOSSILS. General Comments: Abundant sand-to-clay turbidites composed of SILTY SAND. Mottling is prevalent throughout the core. The sediment is fairly homogeneous and there is only very slight color variation. Topmost portion of Section 1 is soupy.



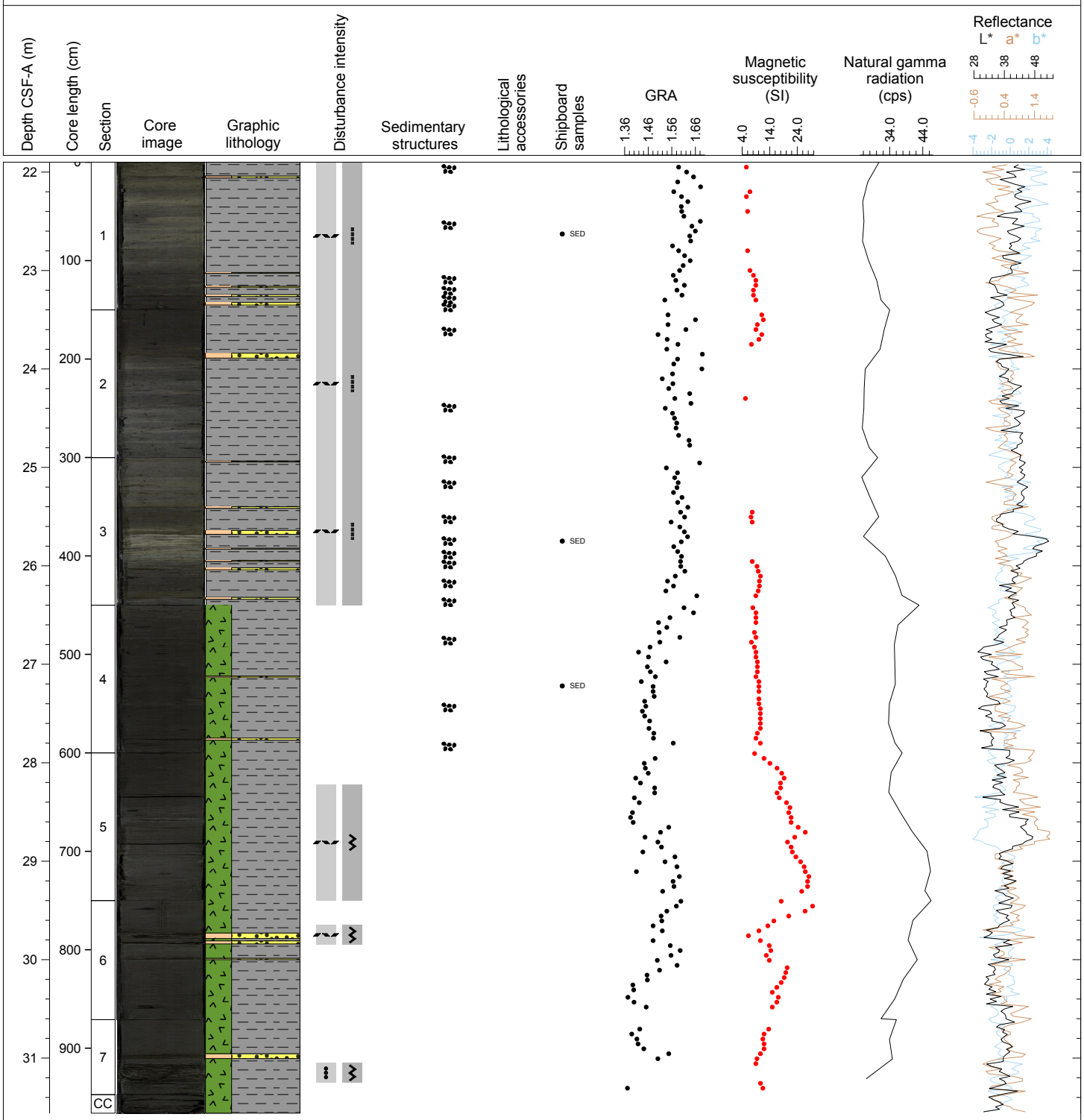
Hole 353-U1445C Core 3H, Interval 12.4-21.17 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with BIOSILICA. General Comments: Abundant sand-to-clay turbidites composed of SILTY SAND. Mottling is prevalent throughout the core. The sediment is fairly homogeneous and there is only very slight color variation. Section 5 contains heavily mottled, black blebs and bands (pyrite) from 63-113 cm.



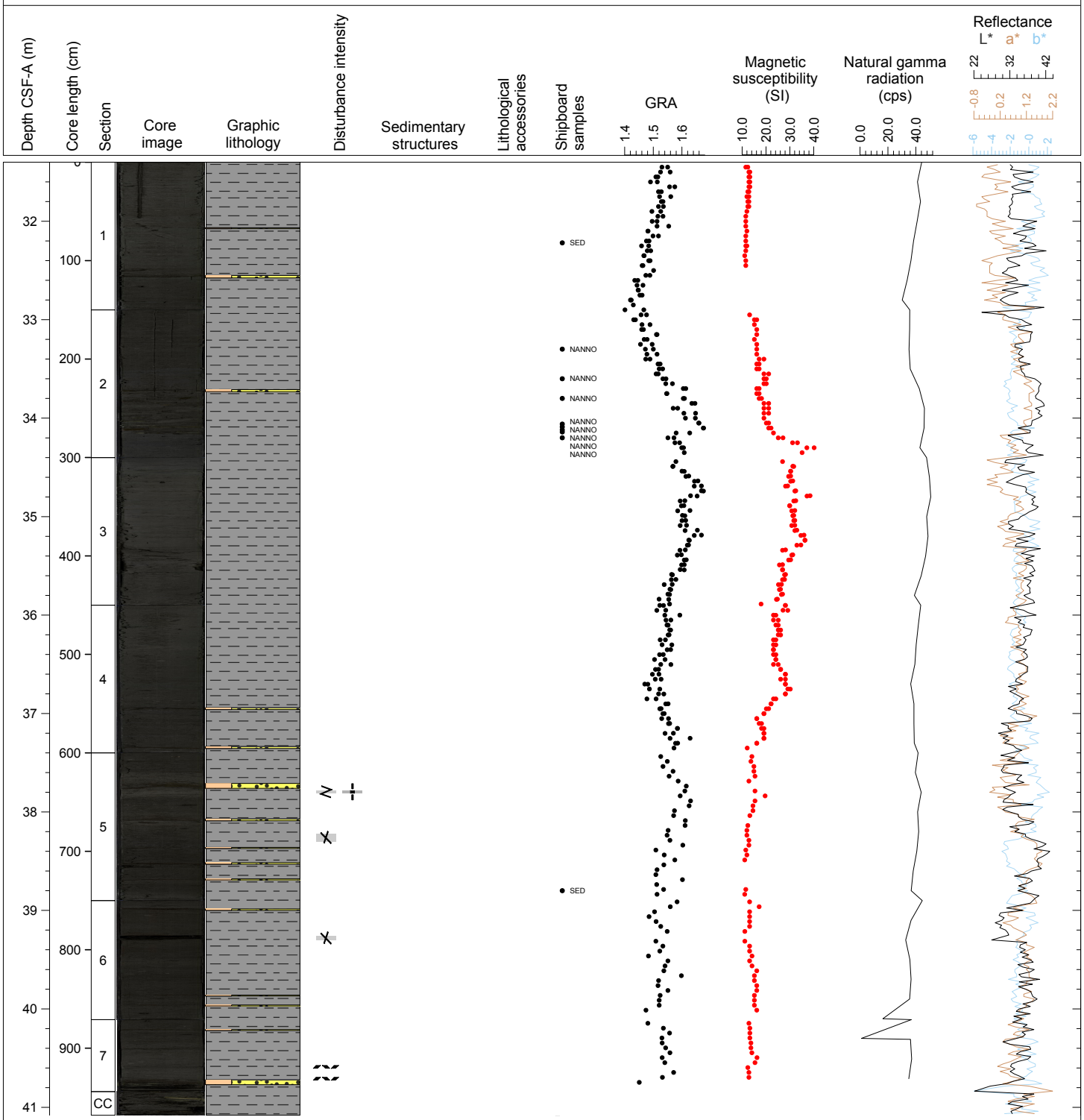
Hole 353-U1445C Core 4H, Interval 21.9-31.56 m (CSF-A)

Major Lithology: Greenish gray (GLEY 1 5/10Y) CLAY with BIOSILICA and very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with NANNOFOSSILS. General Comments: Horizontal cracks due to gas expansion along the core. Abundant sand-to-clay turbidites composed of SILTY SAND. Turbidites in Section 4 to 7 are rich in foraminifers. Mottling is prevalent throughout the core. The sediment is fairly homogeneous. Color variations from dark green (GLEY 1 4/5GY) to gray (5Y 6/1) along Section 1 to 3. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 5/10Y) along Section 4 to CC.



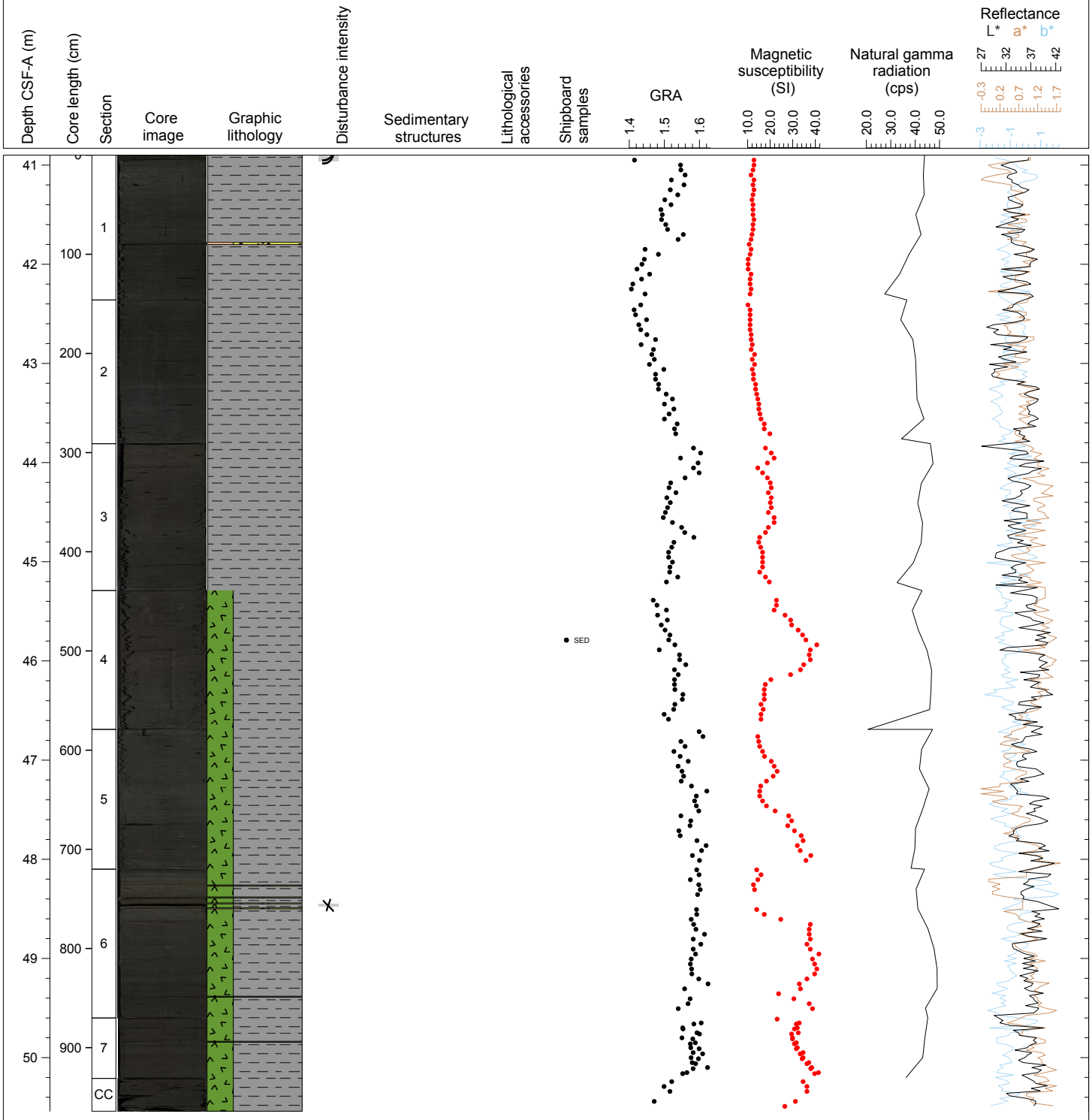
Hole 353-U1445C Core 5H, Interval 31.4-41.08 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) CLAY with BIOSILICA and CLAY with NANNOFOSSILS. General Comments: Abundant sand-to-clay turbidites composed of SILTY SAND. Some turbidites are rich in foraminifers. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 5/10Y). Some clayey clasts in Section 3 and CC.



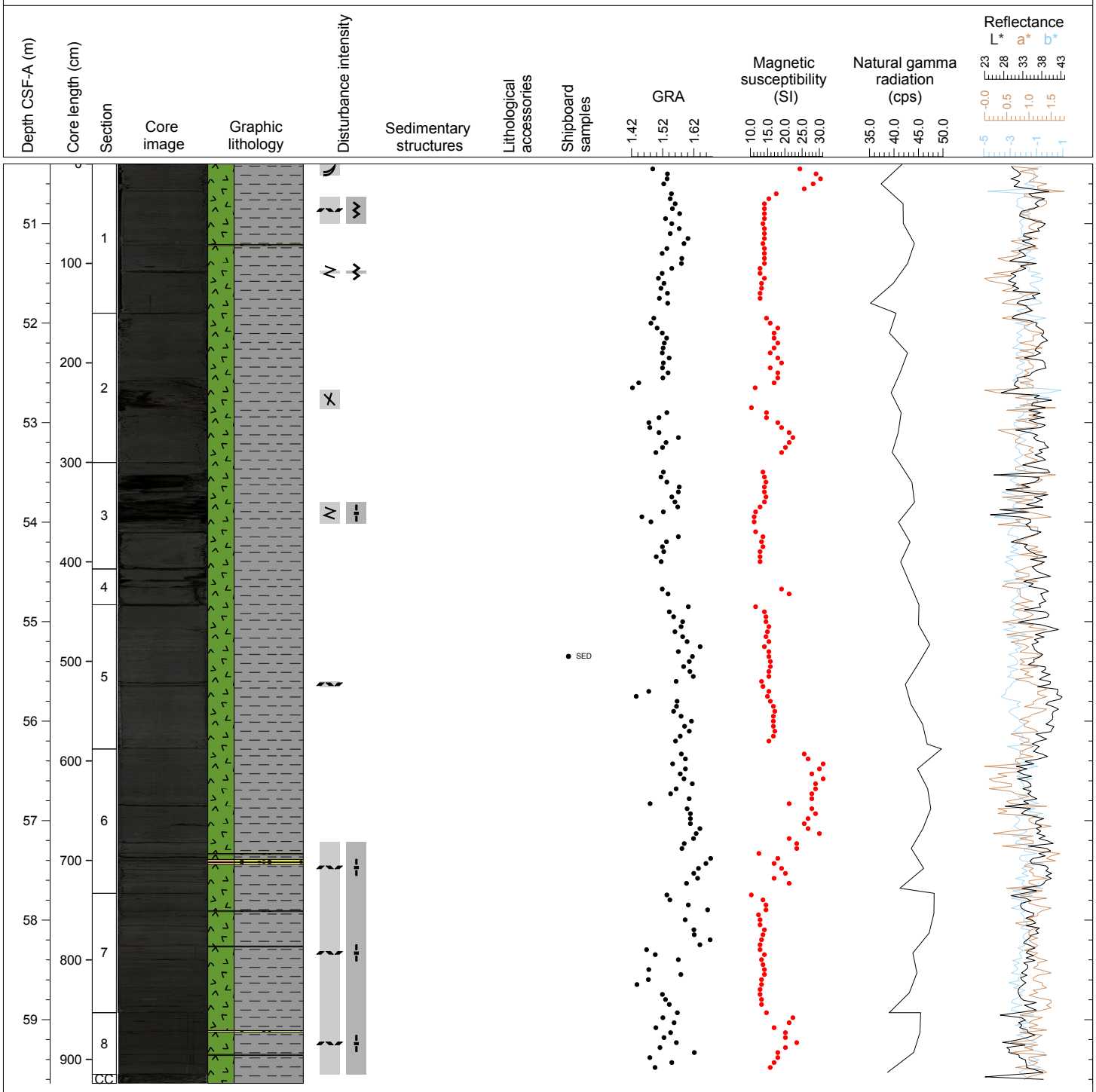
Hole 353-U1445C Core 6H, Interval 40.9-50.54 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) CLAY with NANNOFOSSILS and BIOSILICA rich CLAY with NANNOFOSSILS. General Comments: Abundant sand-to-clay turbidites composed of SILTY SAND. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 5/10Y). Some sandy and foraminifer-rich sandy blebs and light grey nodules (pyrite-rich ?) along the core.



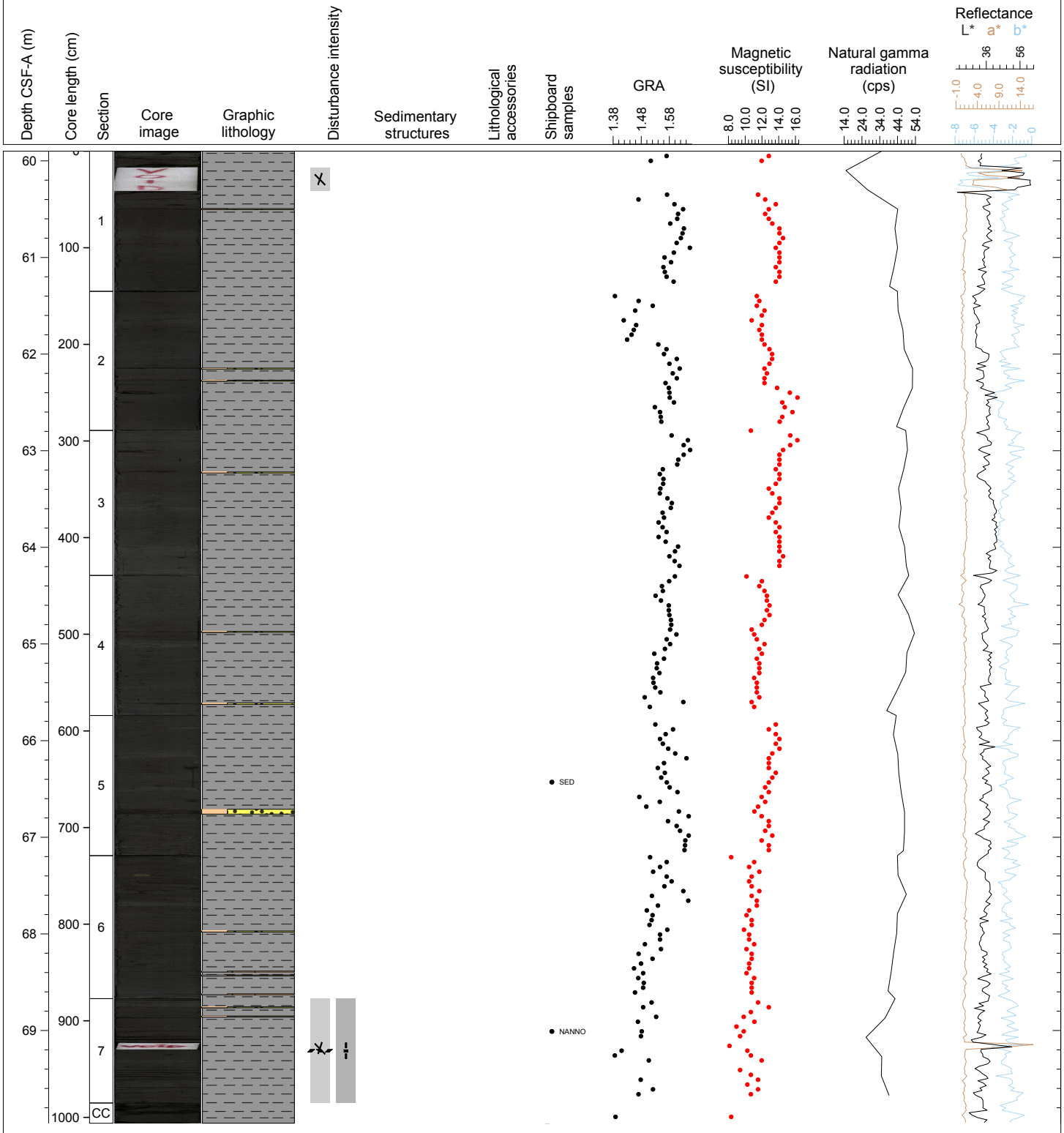
Hole 353-U1445C Core 7H, Interval 50.4-59.64 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY. General Comments: Abundant sand-to-clay turbidites composed of SILTY SAND. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 5/10Y). Some sandy and foraminifer-rich sandy blebs and light grey nodules (pyrite-rich ?) along the core.



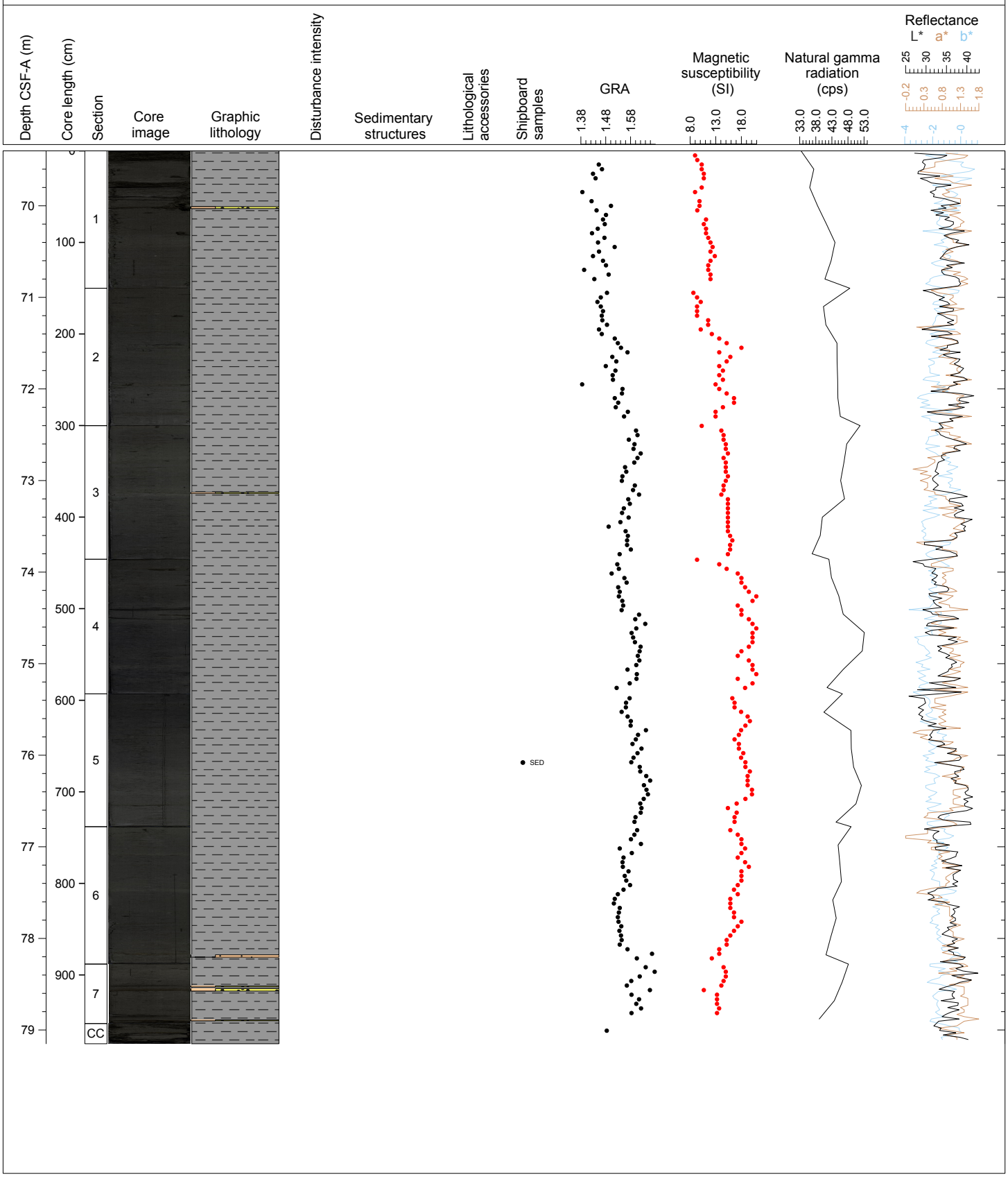
Hole 353-U1445C Core 8H, Interval 59.9-69.96 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY. General Comments: Abundant sand-to-clay turbidites composed of SILTY SAND and some silt-to-clay turbidites composed of CLAYEY SILT. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 5/10Y). Some sandy blebs and light grey nodules (pyrite-rich ?) along the core. Large-size light gray nodule in Section 2. Some clayey clasts in Section 6.



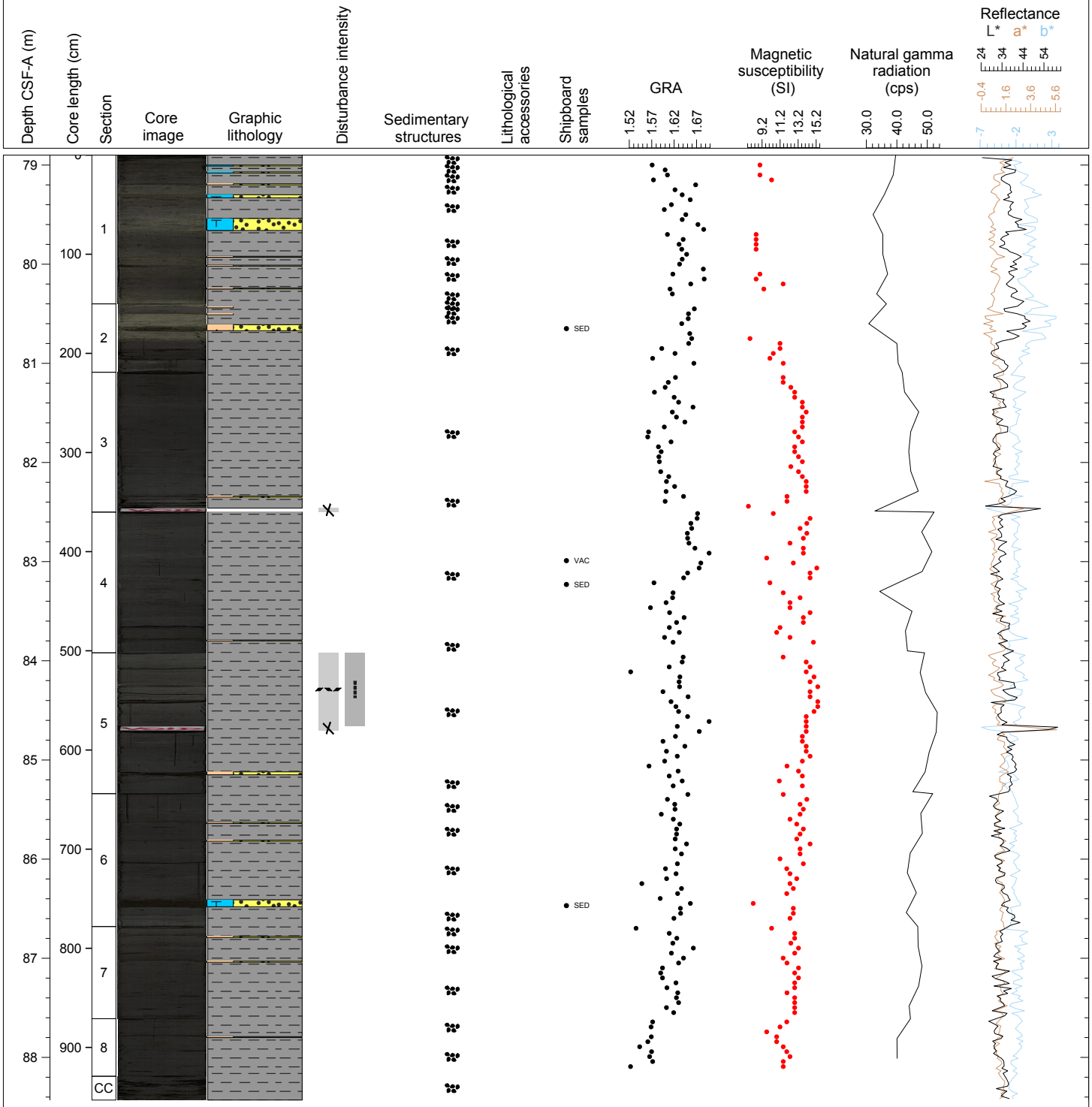
Hole 353-U1445C Core 9H, Interval 69.4-79.15 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY. General Comments: Abundant sand-to-clay turbidites composed of SILTY SAND and some silt-to-clay turbidites composed of CLAYEY SILT. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 5/10Y). Some sandy blebs and light grey nodules (pyrite-rich ?) along the core.



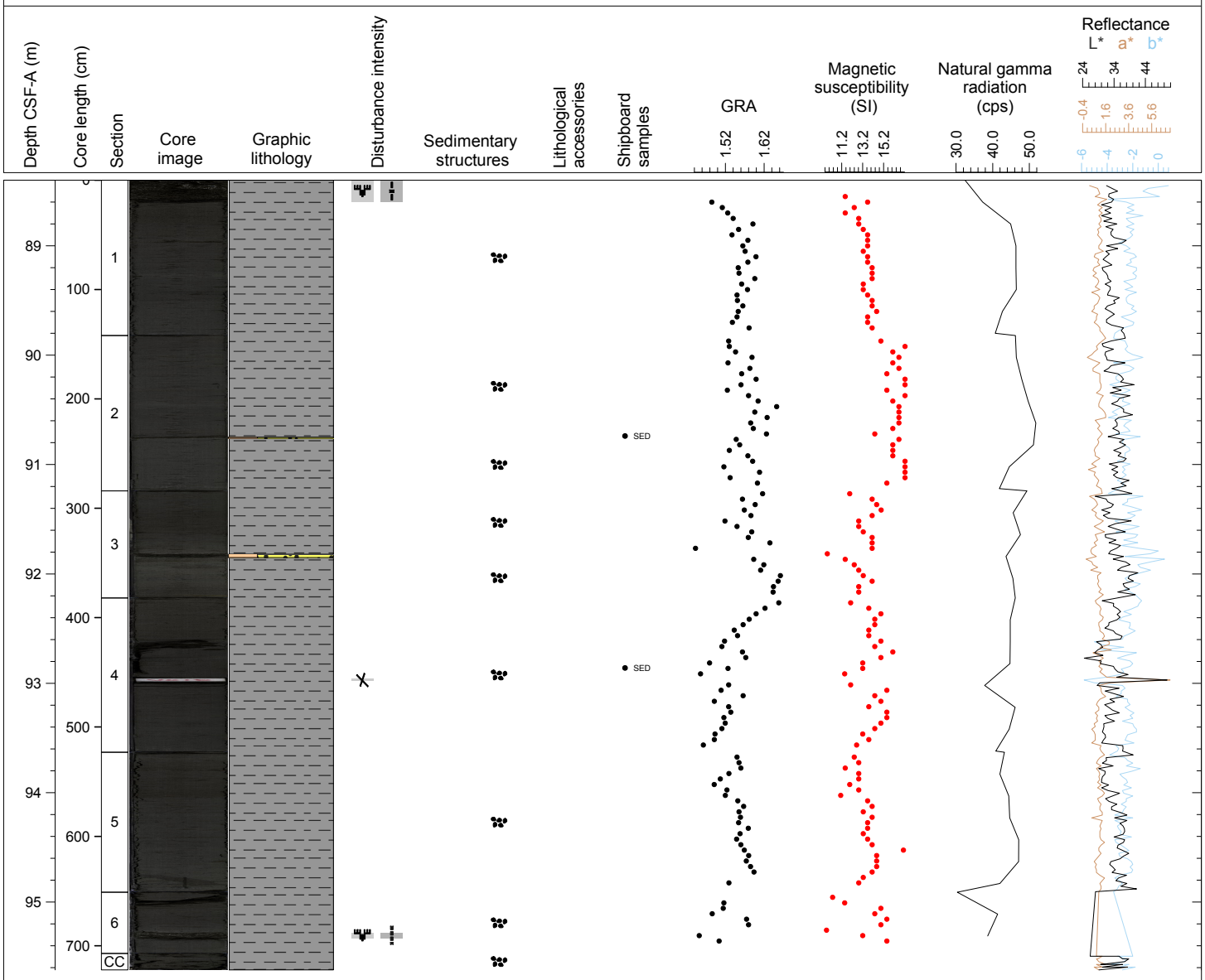
Hole 353-U1445C Core 10H, Interval 78.9-88.43 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY. General Comments: Abundant sand-to-clay turbidites composed of SILTY SAND and FORAMINIFER rich SAND some silt-to-clay turbidites composed of CLAYEY SILT. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 5/10Y).



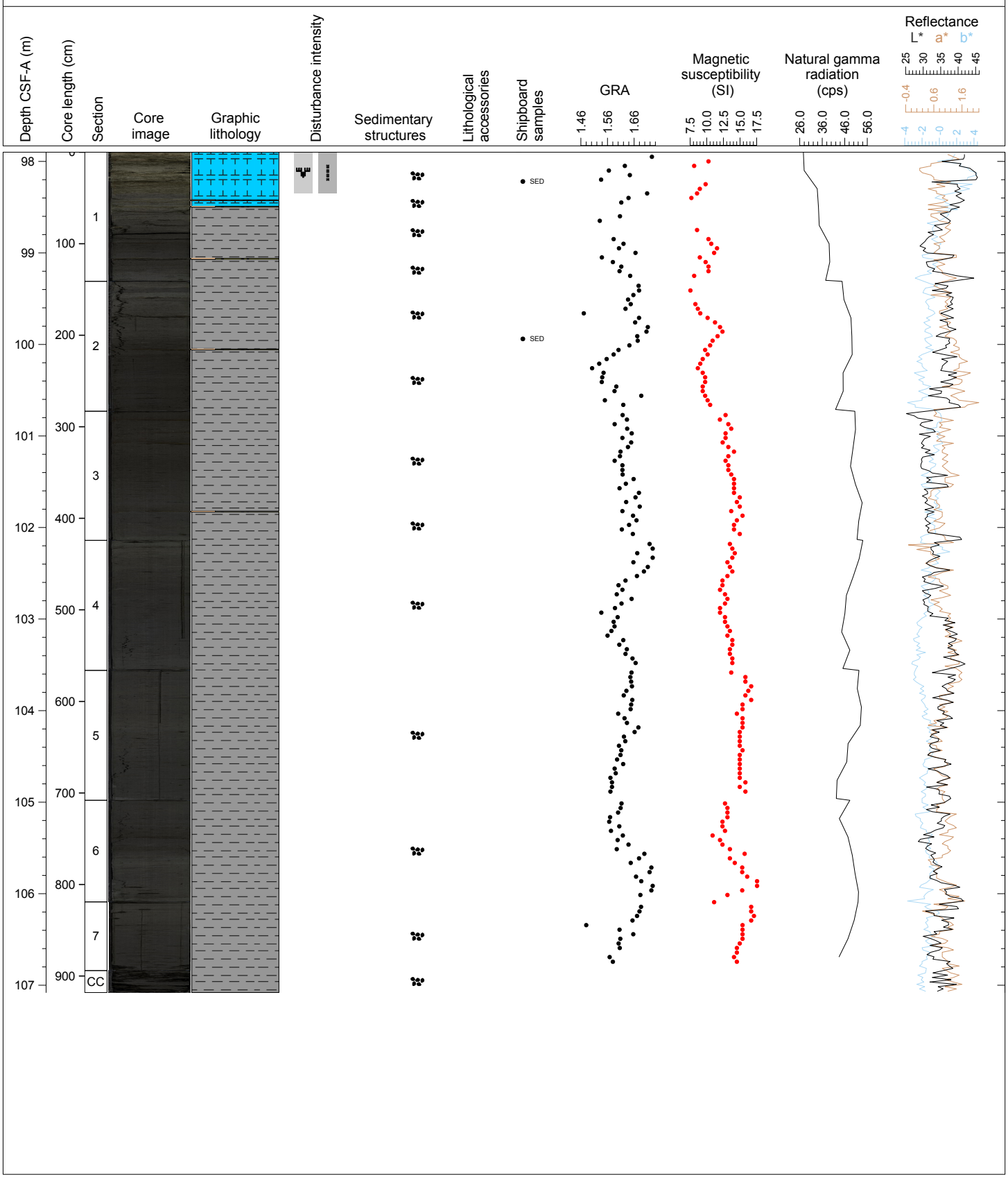
Hole 353-U1445C Core 11H, Interval 88.4-95.62 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with NANNOFOSSILS and BIOSILICA. General Comments: Some sand-to-clay turbidites composed of SILTY SAND. The sediment is homogeneous. Very faint color gradation.



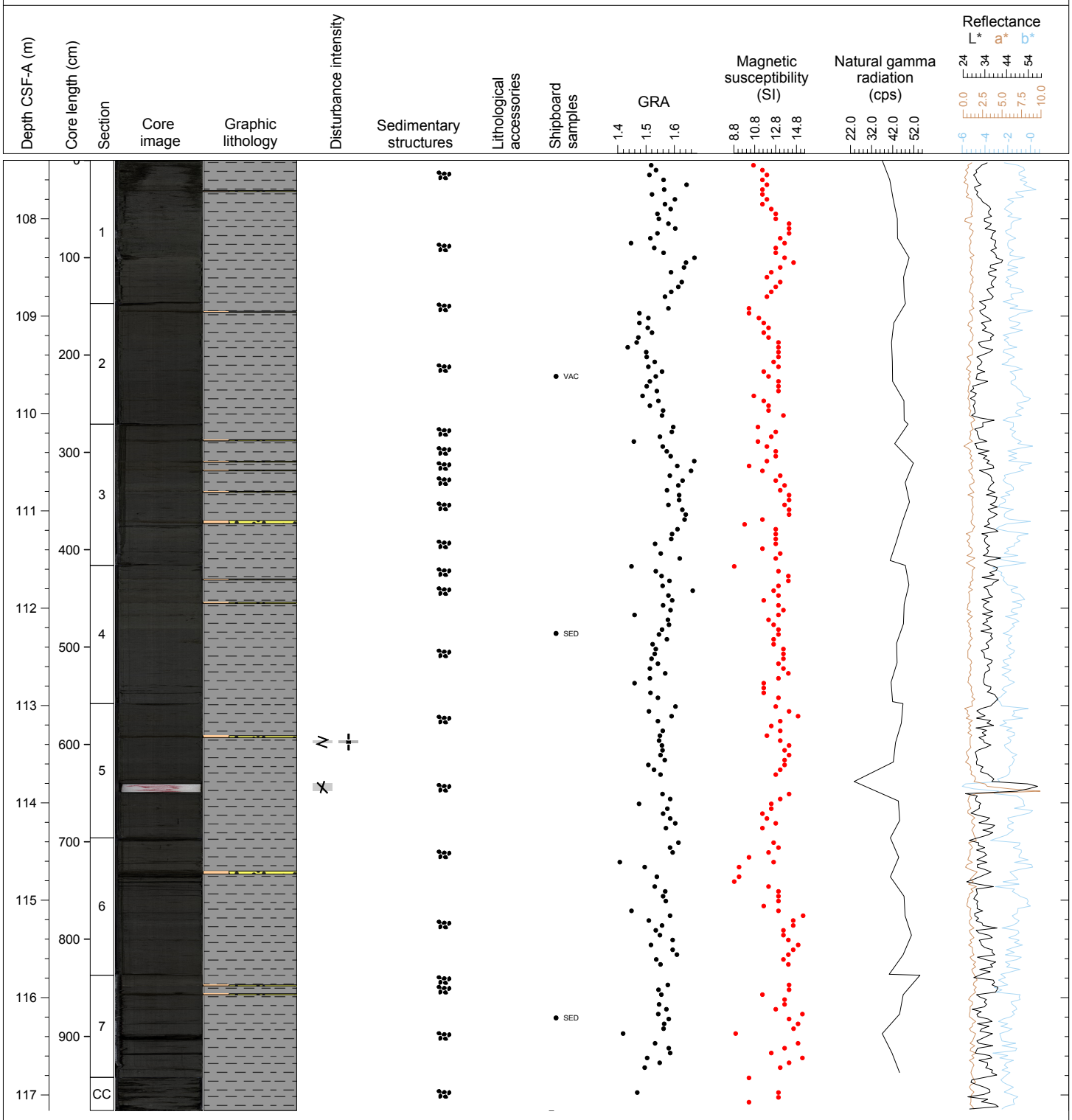
Hole 353-U1445C Core 12H, Interval 97.9-107.08 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) to dark greenish gray (GLEY 1 4/10Y) CLAY with BIOSILICA. Minor Lithology: CALCAREOUS OOZE with PELOIDS and CLAY. General Comments: Distinct pale greenish AUTHIGENIC CARBONATE layer at the uppermost portion of Section 1. Some sand-to-clay turbidites composed of SILTY SAND are present. The sediment is homogeneous. Very faint color gradation occurs.



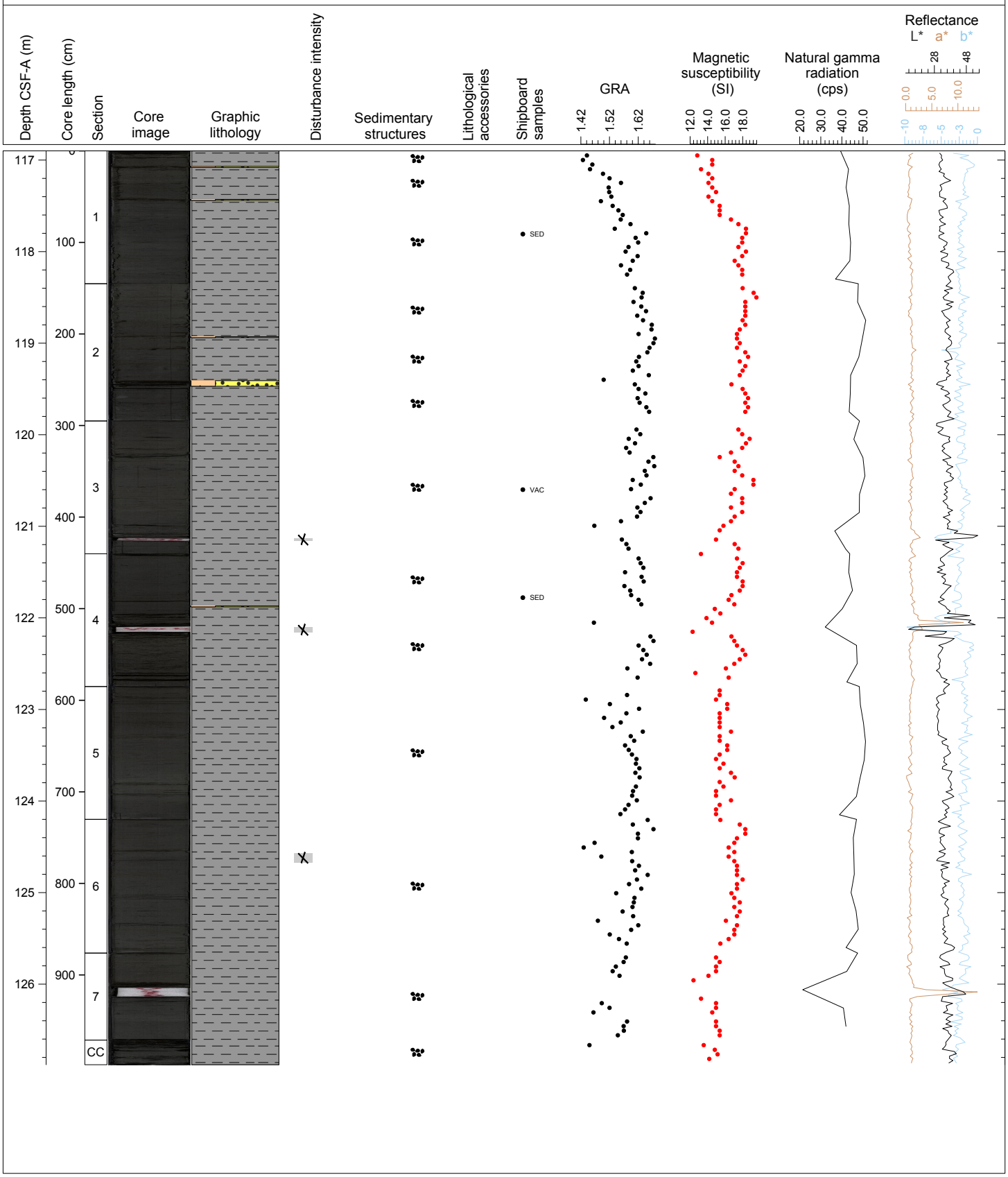
Hole 353-U1445C Core 13H, Interval 107.4-117.16 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) rich CLAY with BIOSILICA. General Comments: Some sand-to-clay turbidites composed of SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is homogeneous. Very faint color gradation is visible.



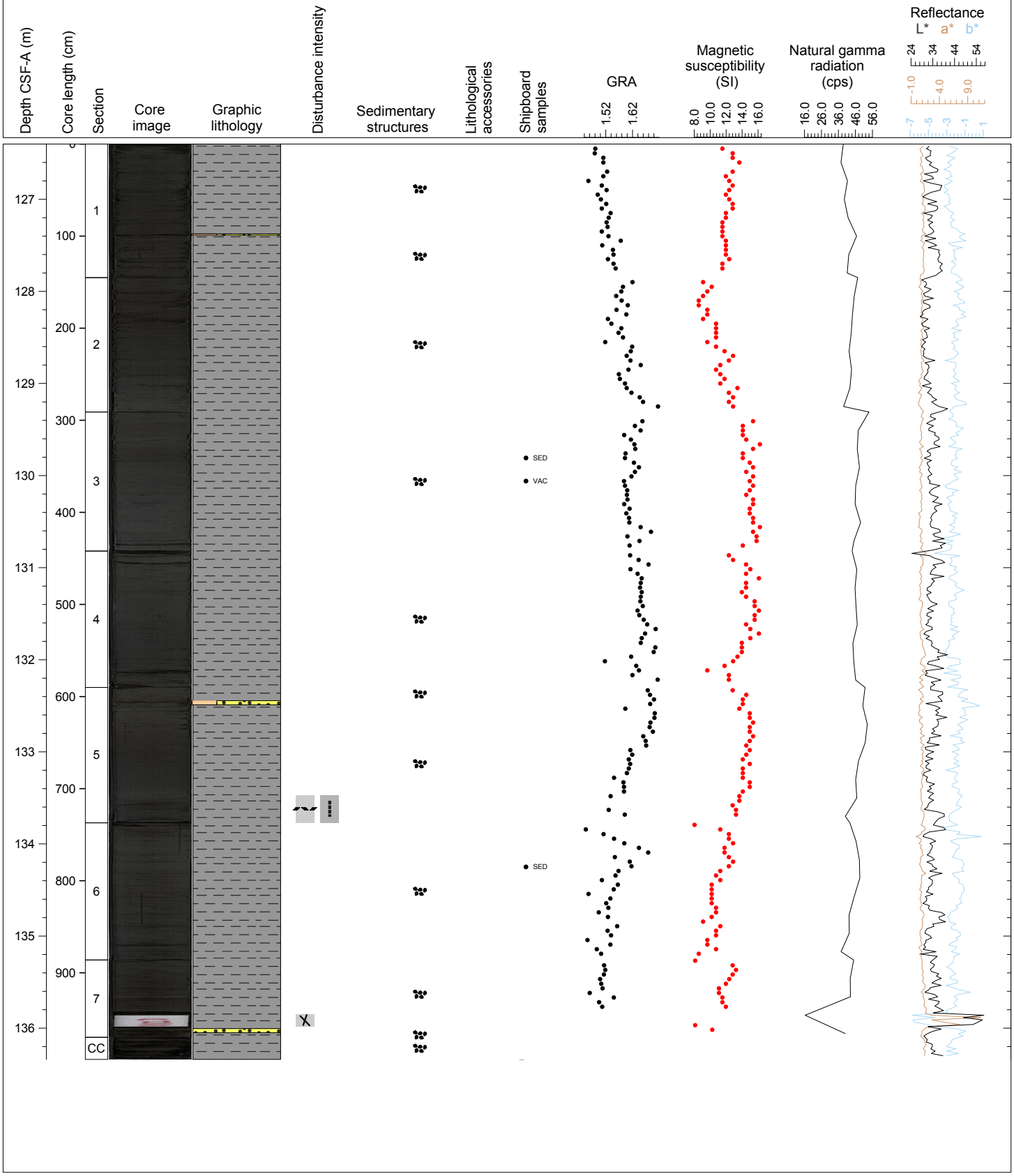
Hole 353-U1445C Core 14H, Interval 116.9-126.88 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) rich CLAY with BIOSILICA. General Comments: Some sand-to-clay turbidites composed of SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is homogeneous. Very faint color gradation is visible.



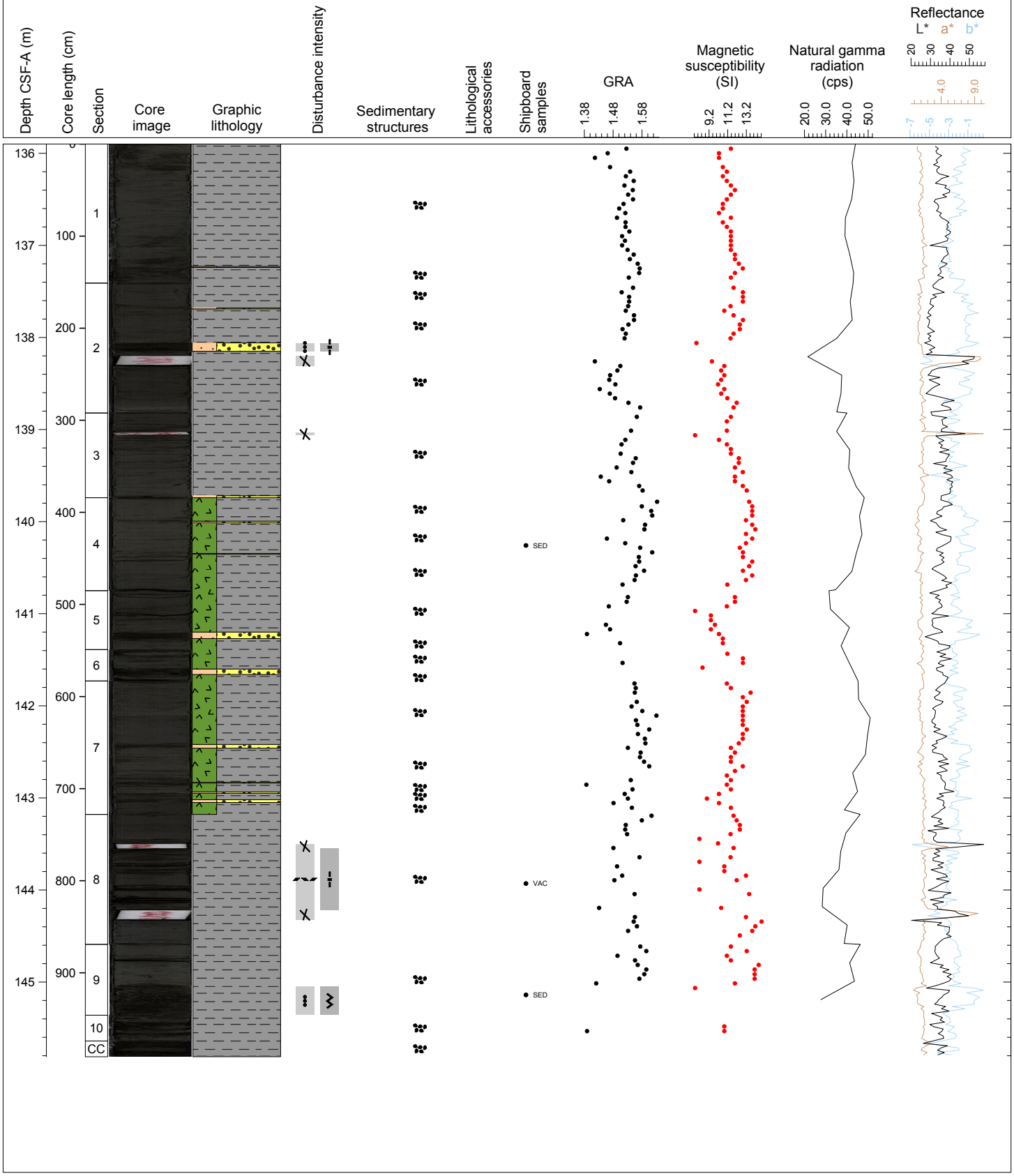
Hole 353-U1445C Core 15H, Interval 126.4-136.34 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y to 4/10Y) CLAY with BIOSILICA. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND and SAND. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 5/10Y).



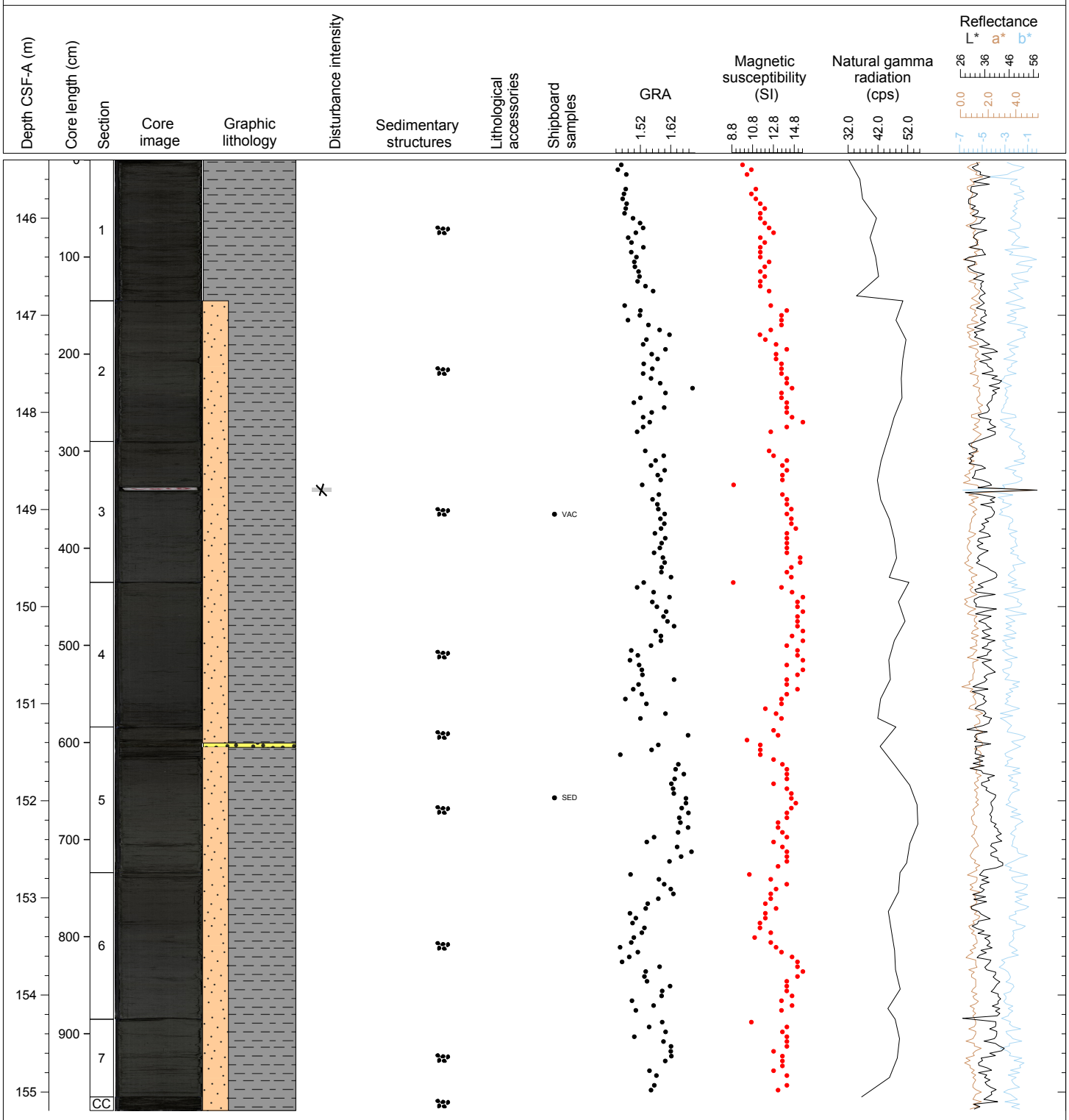
Hole 353-U1445C Core 16H, Interval 135.9-145.81 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y to 4/10Y) BIOSILICA rich CLAY with SILT. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 5/10Y).



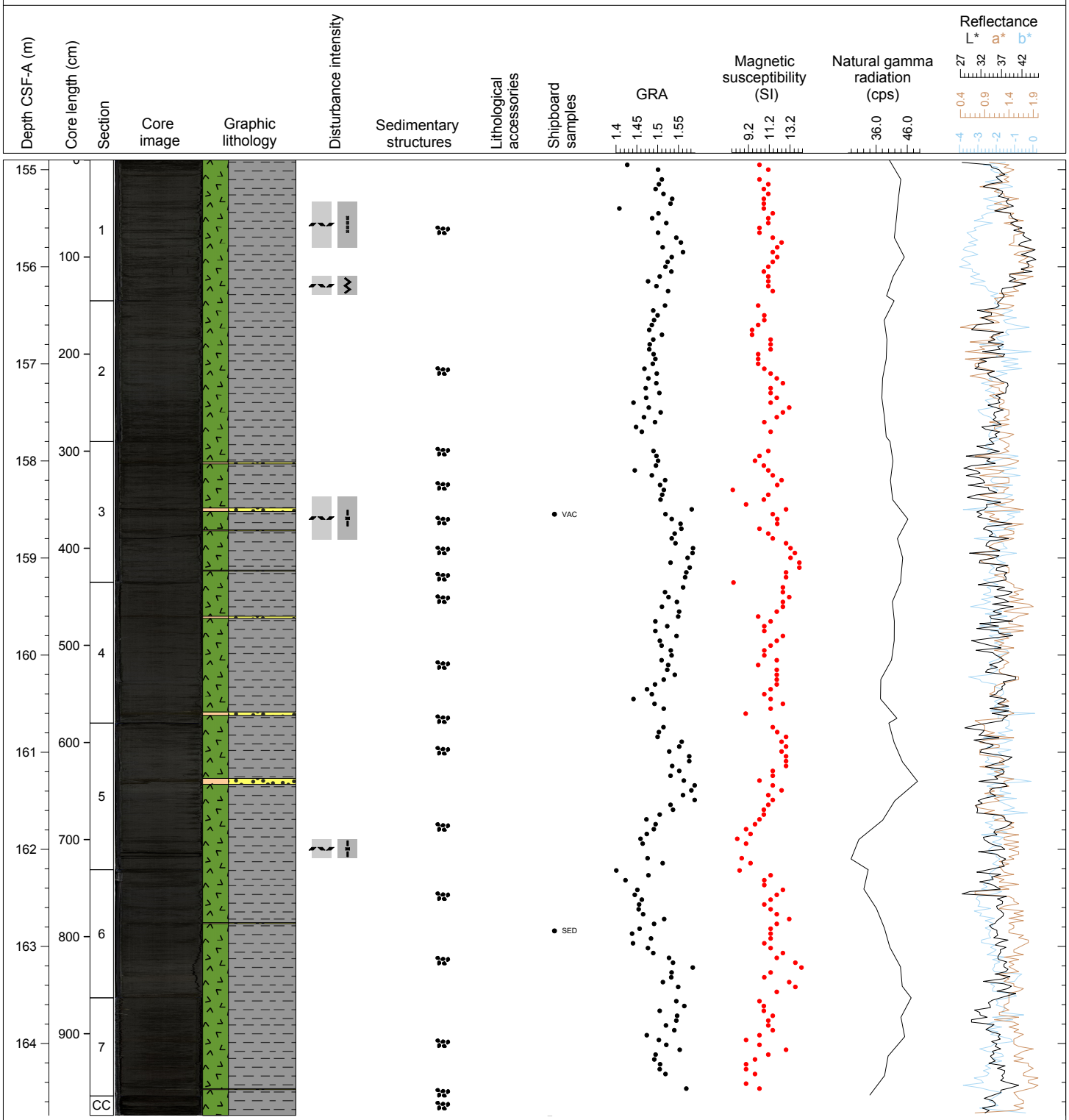
Hole 353-U1445C Core 17H, Interval 145.4-155.19 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10) CLAY with BIOSILICA to dark greenish gray (GLEY 1 4/10Y) SILTY CLAY with BIOSILICA. General Comments: One coarse sand-to-clay turbidites composed of olive brown SAND. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 5/10Y).



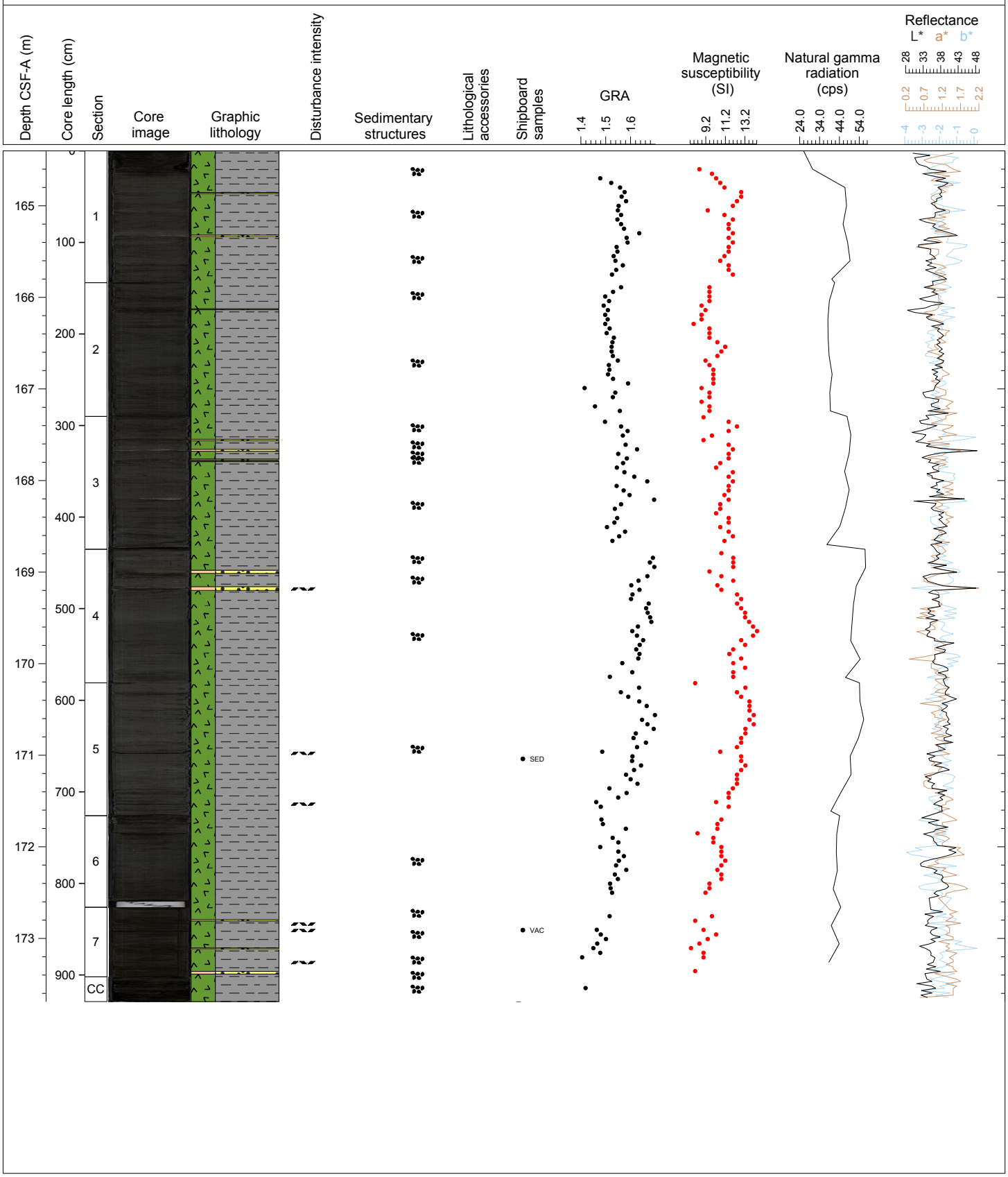
Hole 353-U1445C Core 18H, Interval 154.9-164.74 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) to very dark greenish gray (GLEY 1 2.5/10Y to 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to greenish gray (GLEY 1 4/10Y).



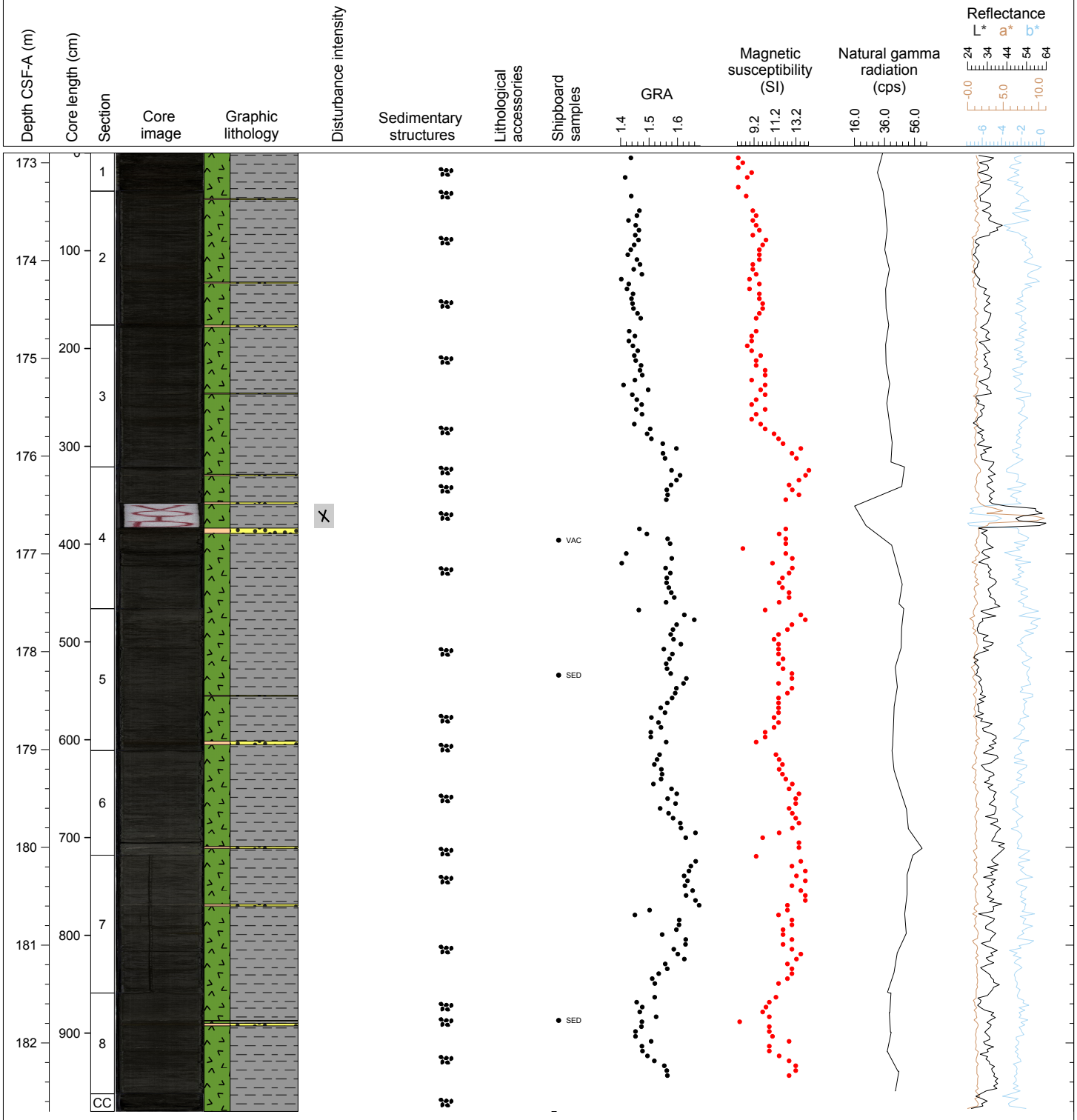
Hole 353-U1445C Core 19H, Interval 164.4-173.69 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 2.5/10Y to 3/10Y) to dark greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to greenish gray (GLEY 1 4/10Y).



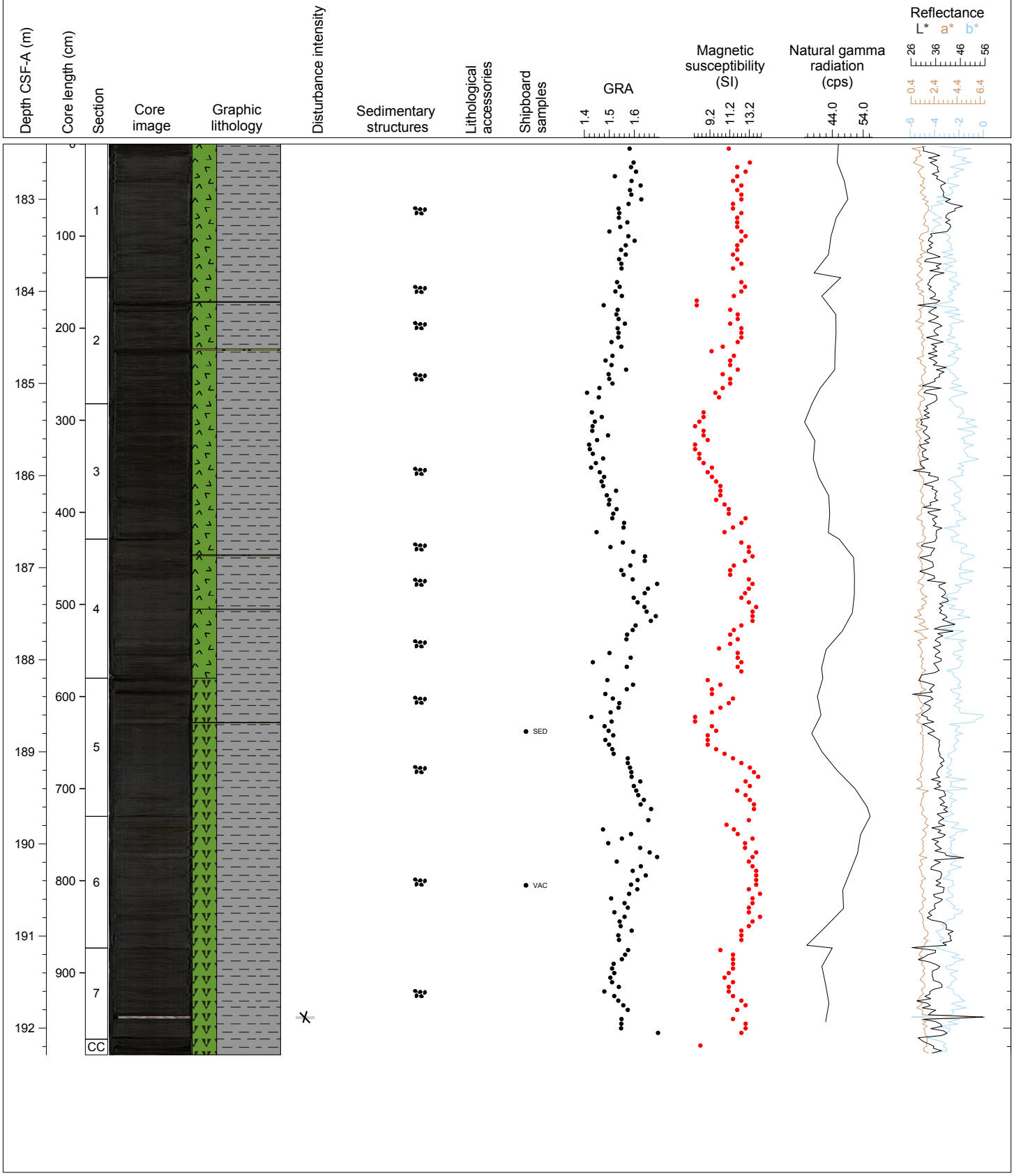
Hole 353-U1445C Core 20H, Interval 172.9-182.7 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 2.5/10Y to 3/10Y) to dark greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to greenish gray (GLEY 1 4/10Y).



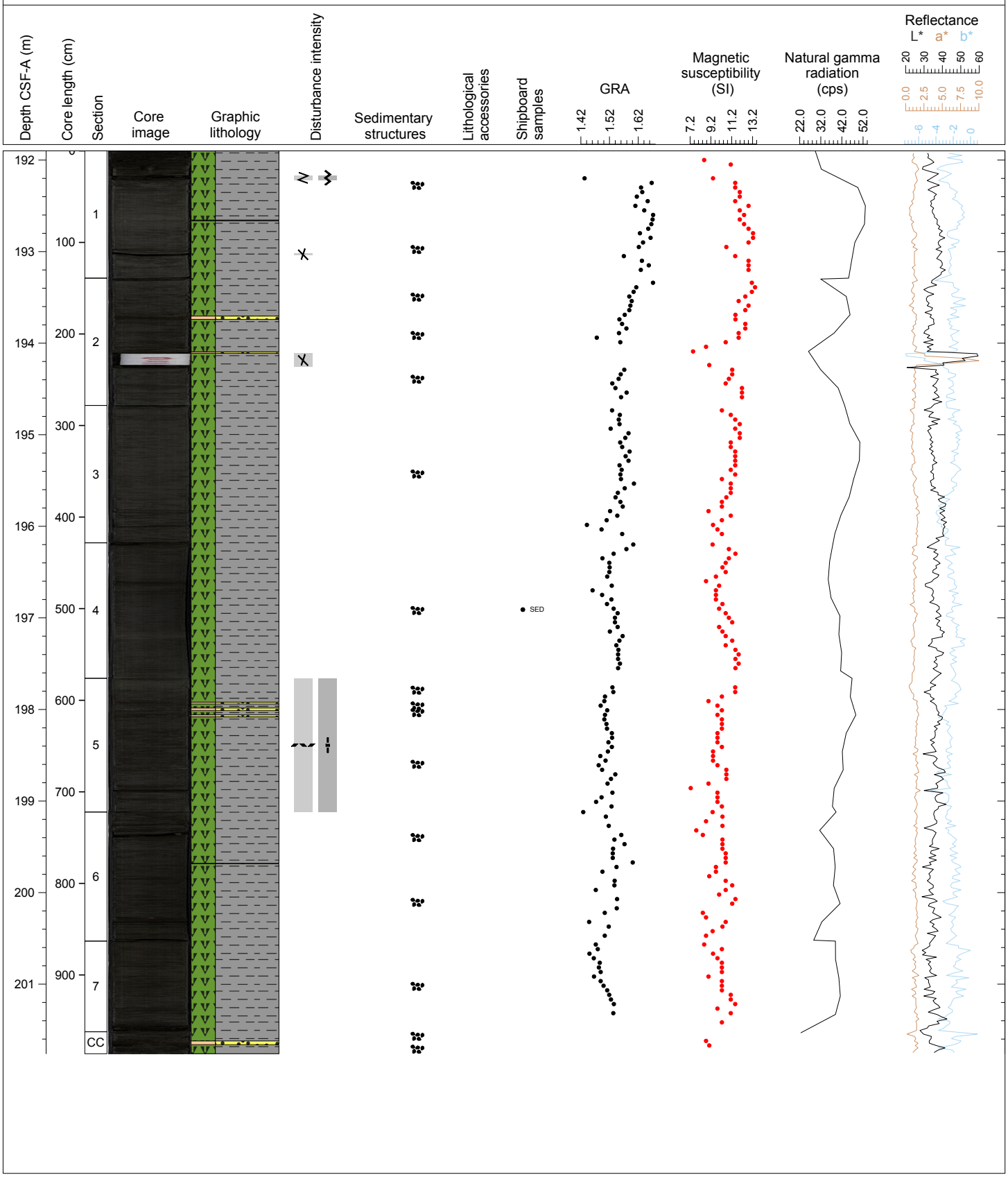
Hole 353-U1445C Core 21H, Interval 182.4-192.29 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) to dark greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with GLAUCONITE and Diatom rich CLAY. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND and SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to greenish gray (GLEY 1 4/10Y).



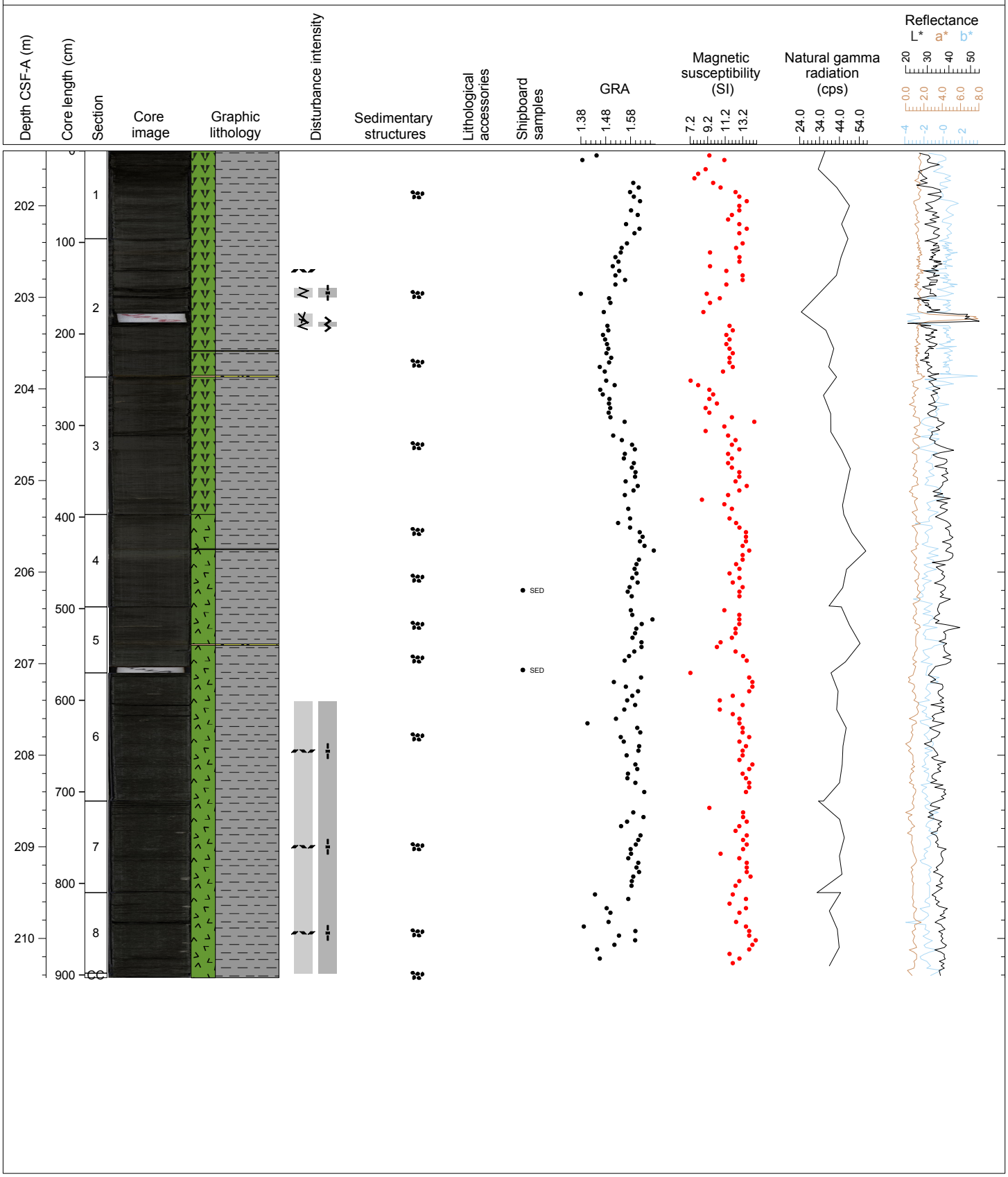
Hole 353-U1445C Core 22H, Interval 191.9-201.76 m (CSF-A)

Major Lithology: Dark greenish gray DIATOM rich CLAY (GLEY 1 4/10Y) to very dark greenish gray (GLEY 1 3/10Y) DIATOM rich CLAY with GLAUCONITE.
General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites.
The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to greenish gray (GLEY 1 4/10Y).



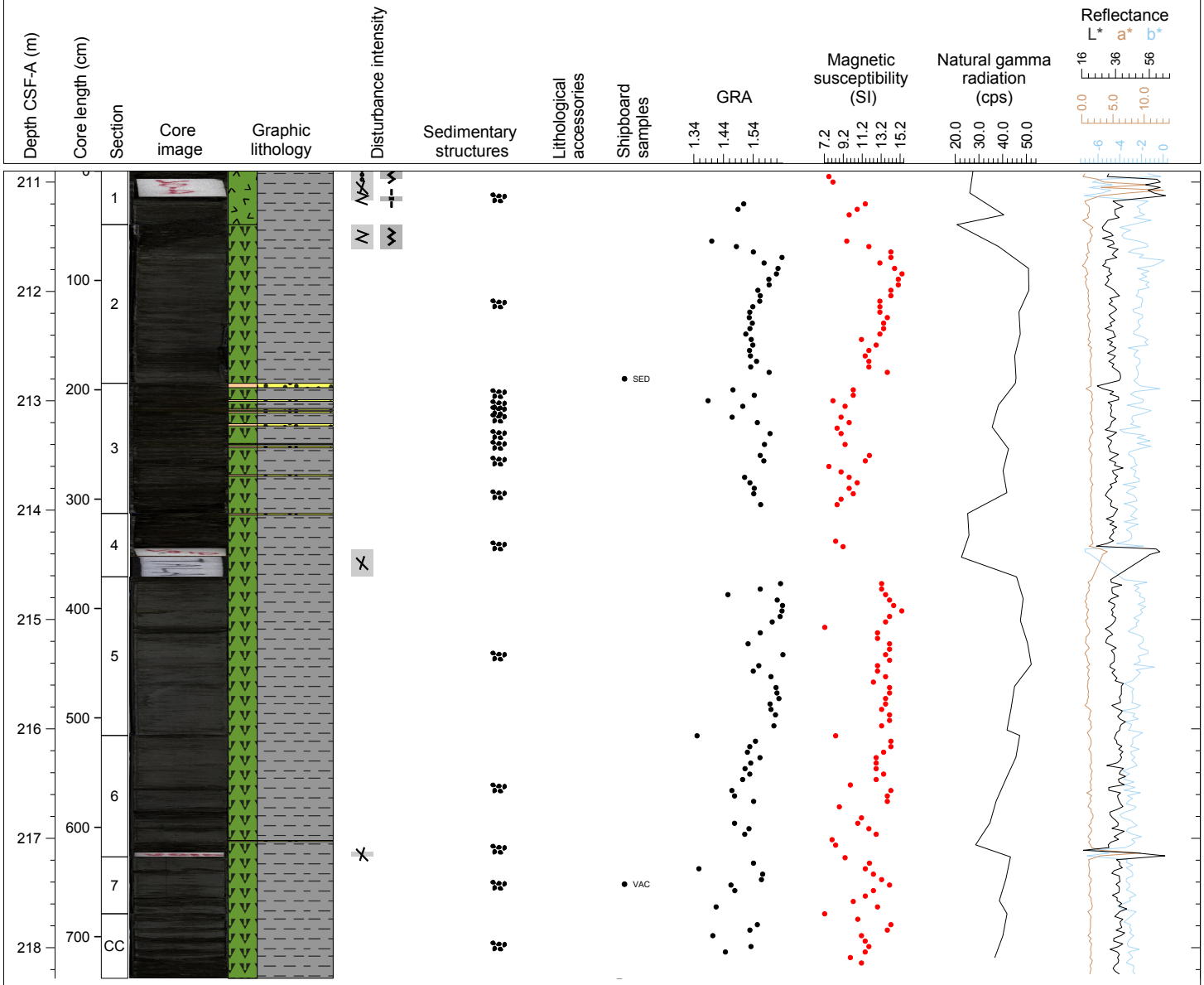
Hole 353-U1445C Core 23H, Interval 201.4-210.43 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) DIATOM rich CLAY with GLAUCONITE to dark greenish gray (GLEY 1 4/10Y to 4/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 2.5/10Y) to greenish gray (GLEY 1 4/10Y and 4/5GY).



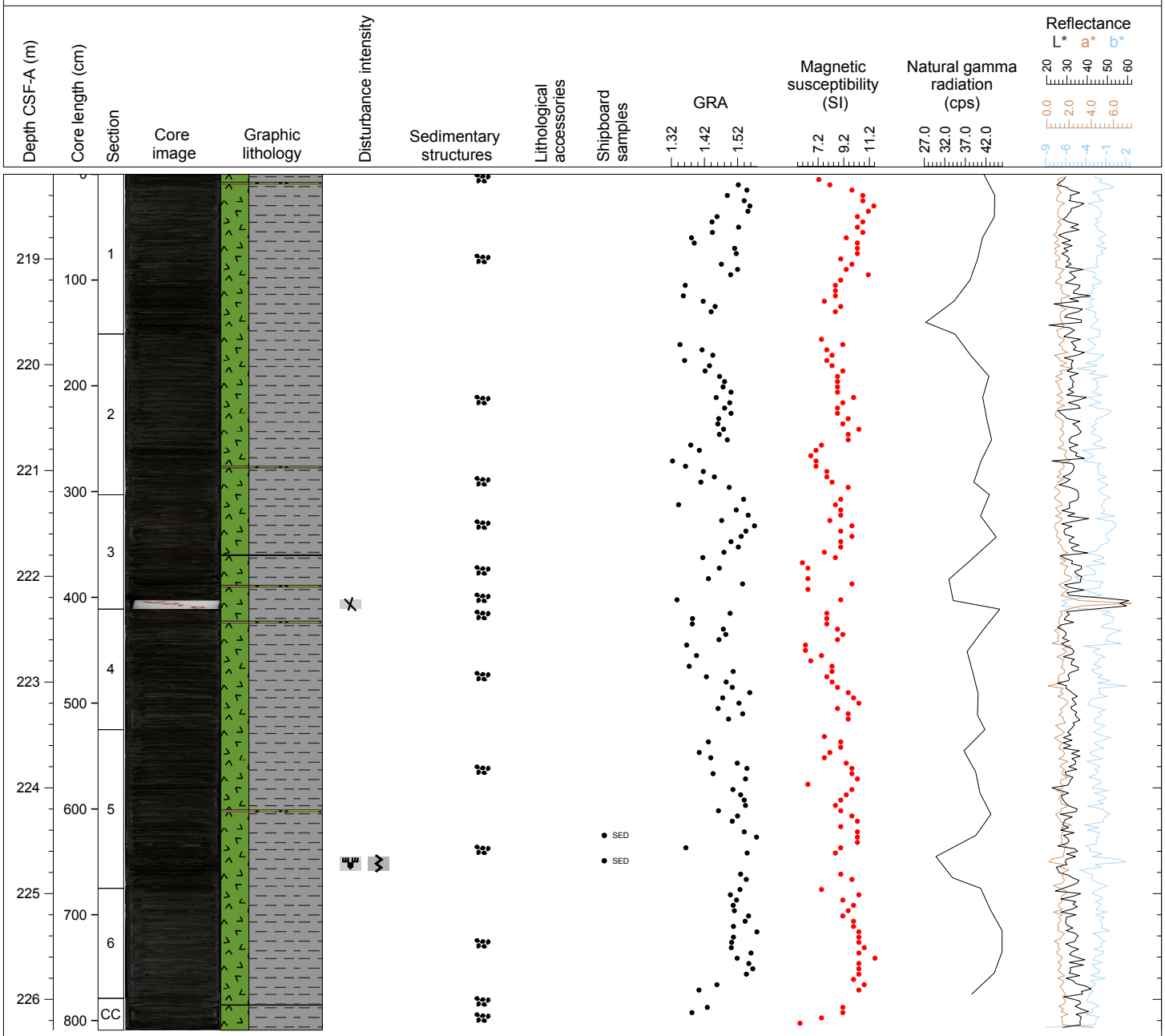
Hole 353-U1445C Core 24H, Interval 210.9-218.28 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y to 4/5GY) to very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE and DIATOM rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 4/10Y and 4/5GY).



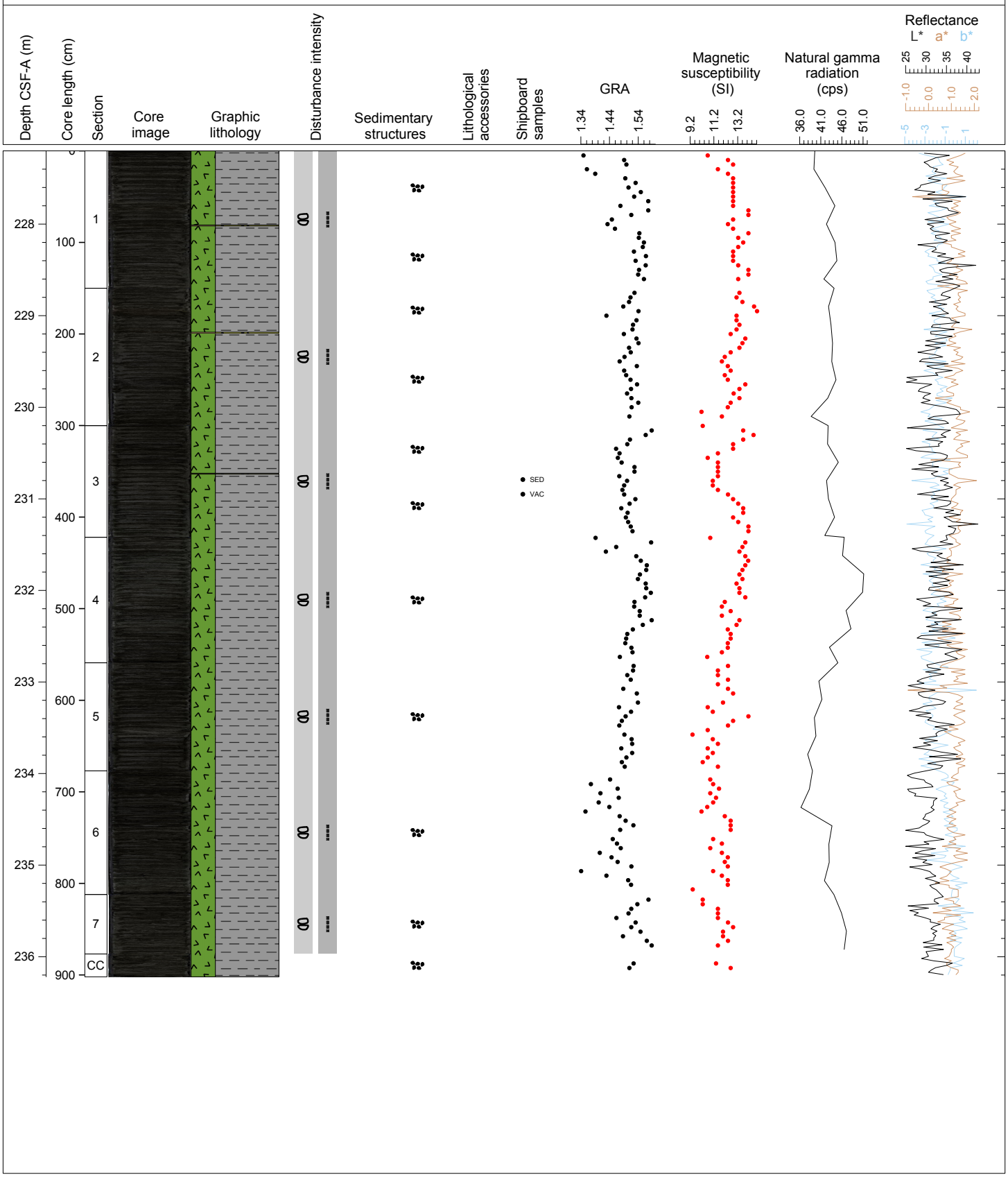
Hole 353-U1445C Core 25X, Interval 218.2-226.29 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) to very dark greenish gray (GLEY 1 3/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y and 3/5GY) to greenish gray (GLEY 1 4/10Y and 4/5GY).



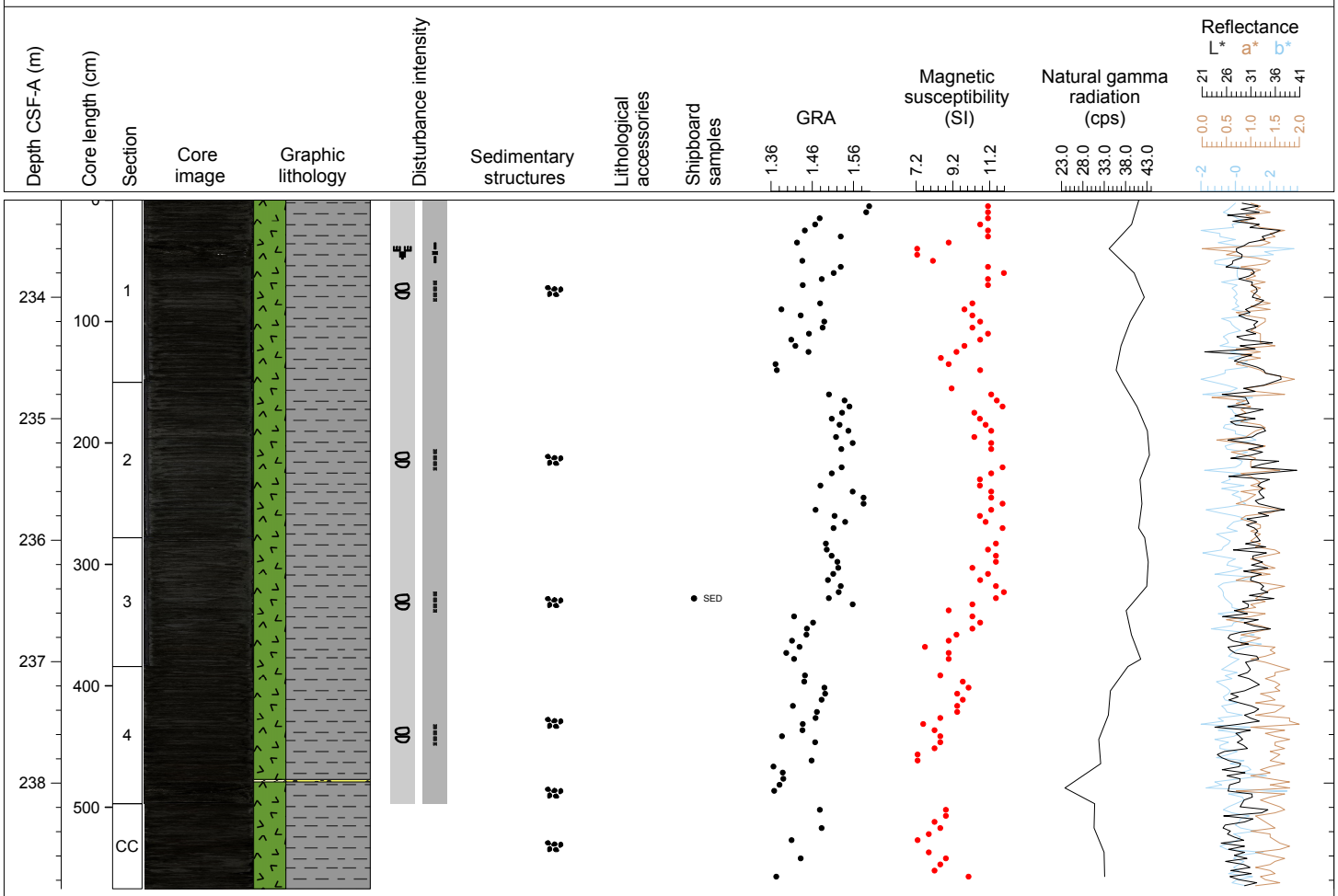
Hole 353-U1445C Core 26X, Interval 227.2-236.22 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present. The sediment is fairly homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y and 3/5GY) to greenish gray (GLEY 1 4/10Y and 4/5GY).



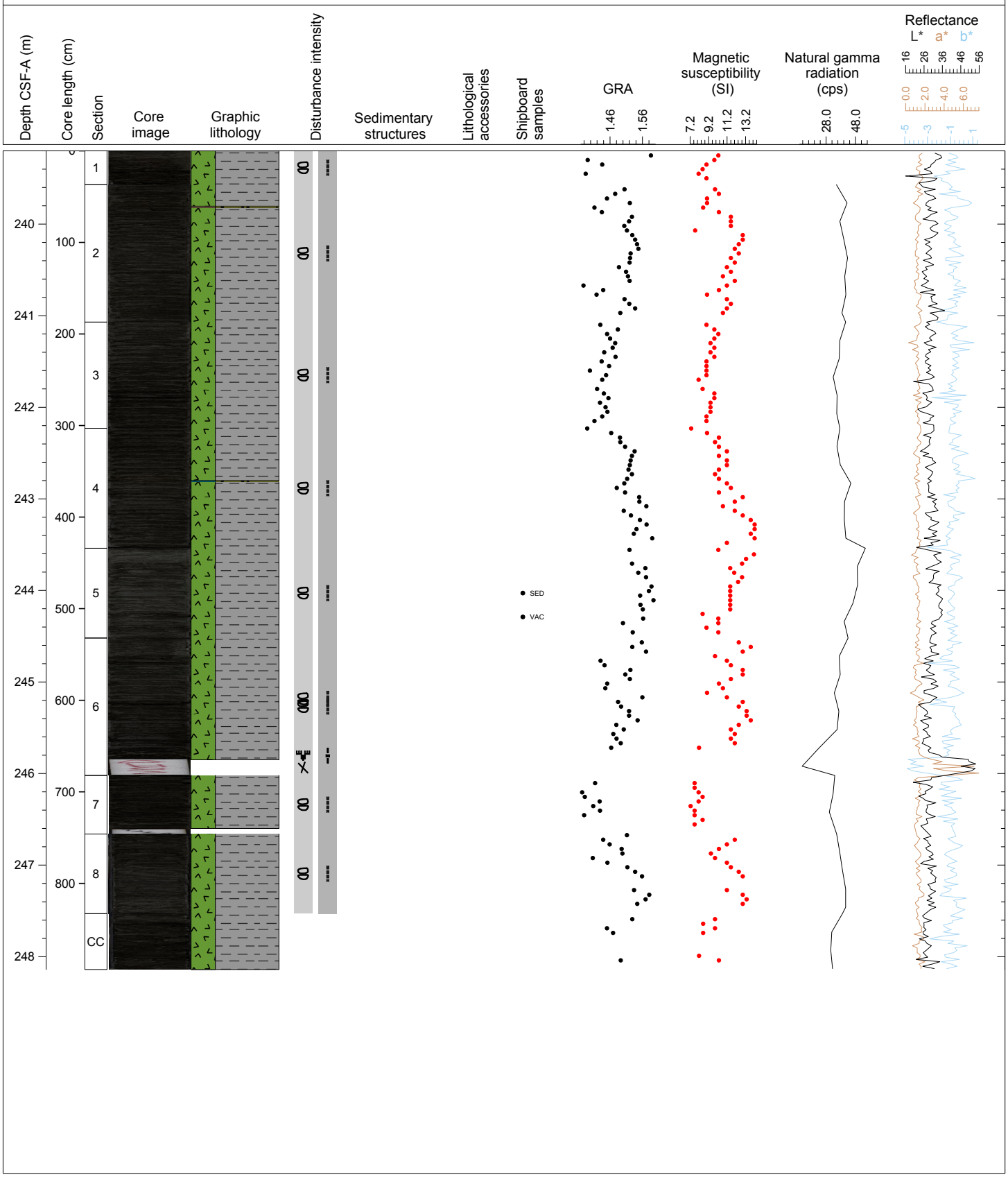
Hole 353-U1445C Core 27X, Interval 233.2-238.87 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/5GY) BIOSILICA rich CLAY with GLAUCONITE. General Comments: The sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y and 3/5GY) to greenish gray (GLEY 1 4/10Y and 4/5GY).



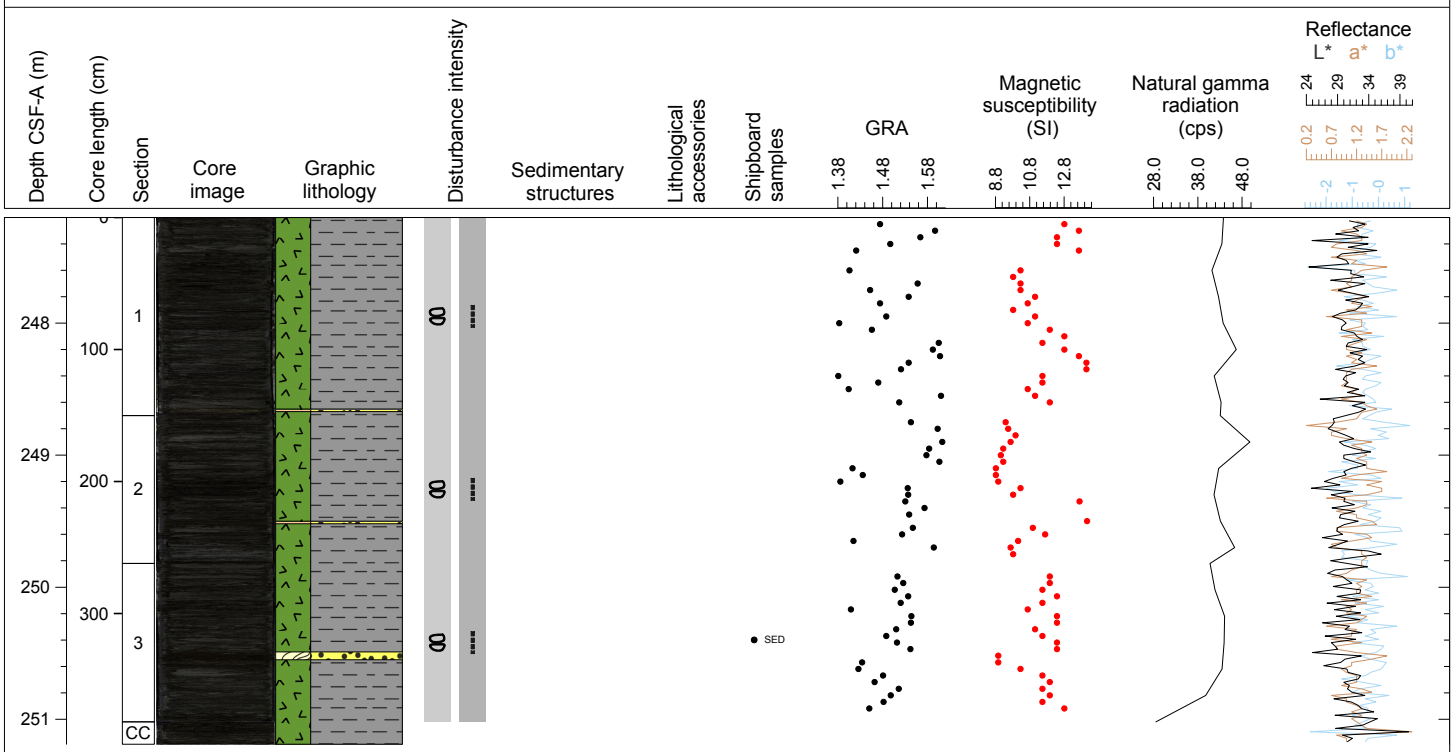
Hole 353-U1445C Core 28X, Interval 239.2-248.14 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: The sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 4/10Y and 4/5GY) to greenish gray (GLEY 1 5/10Y and 5/5GY).



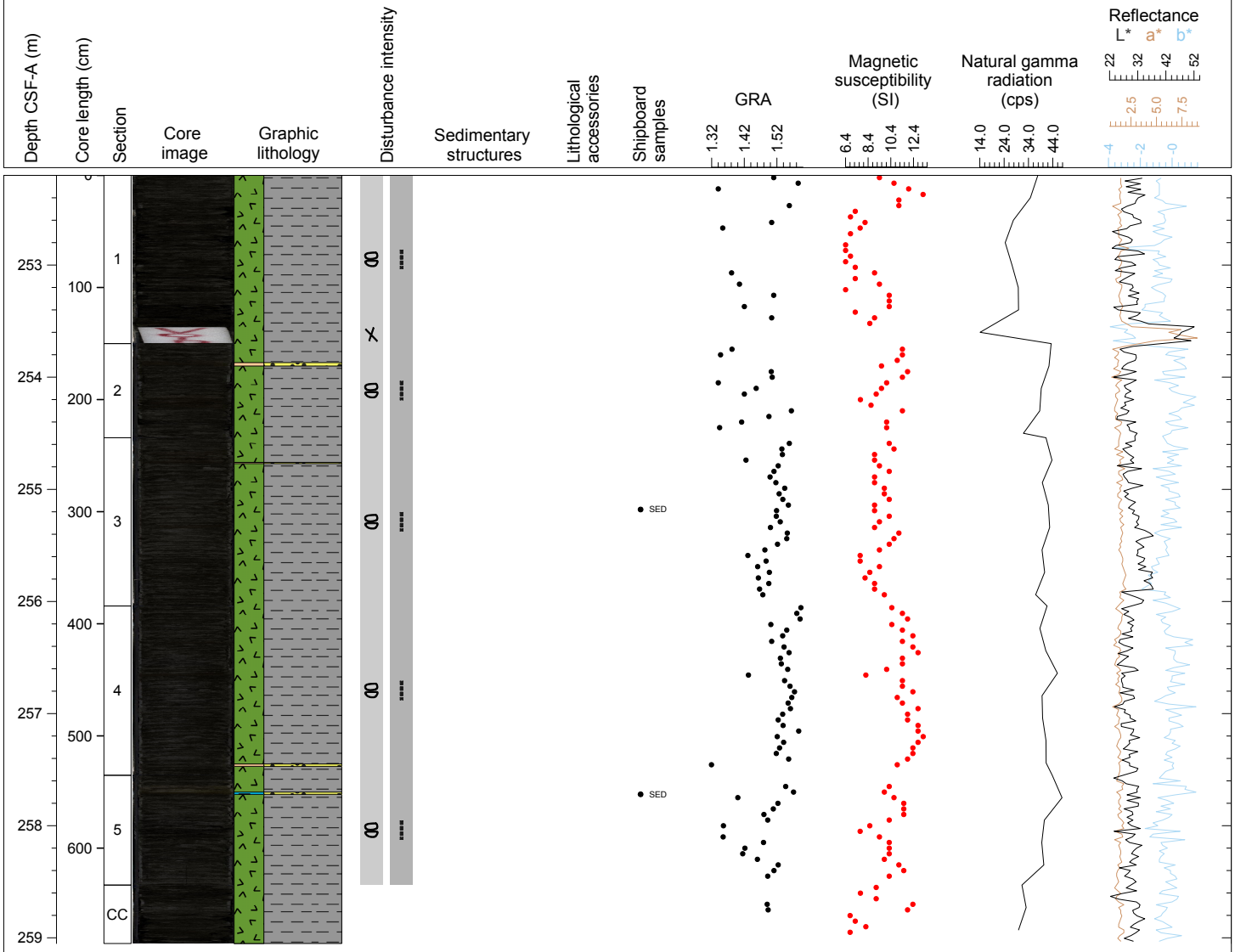
Hole 353-U1445C Core 29X, Interval 247.2-251.19 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) to paler greenish gray (GLEY 1 5/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: The sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 4/10Y and 4/5GY) to greenish gray (GLEY 1 5/10Y and 5/5GY).



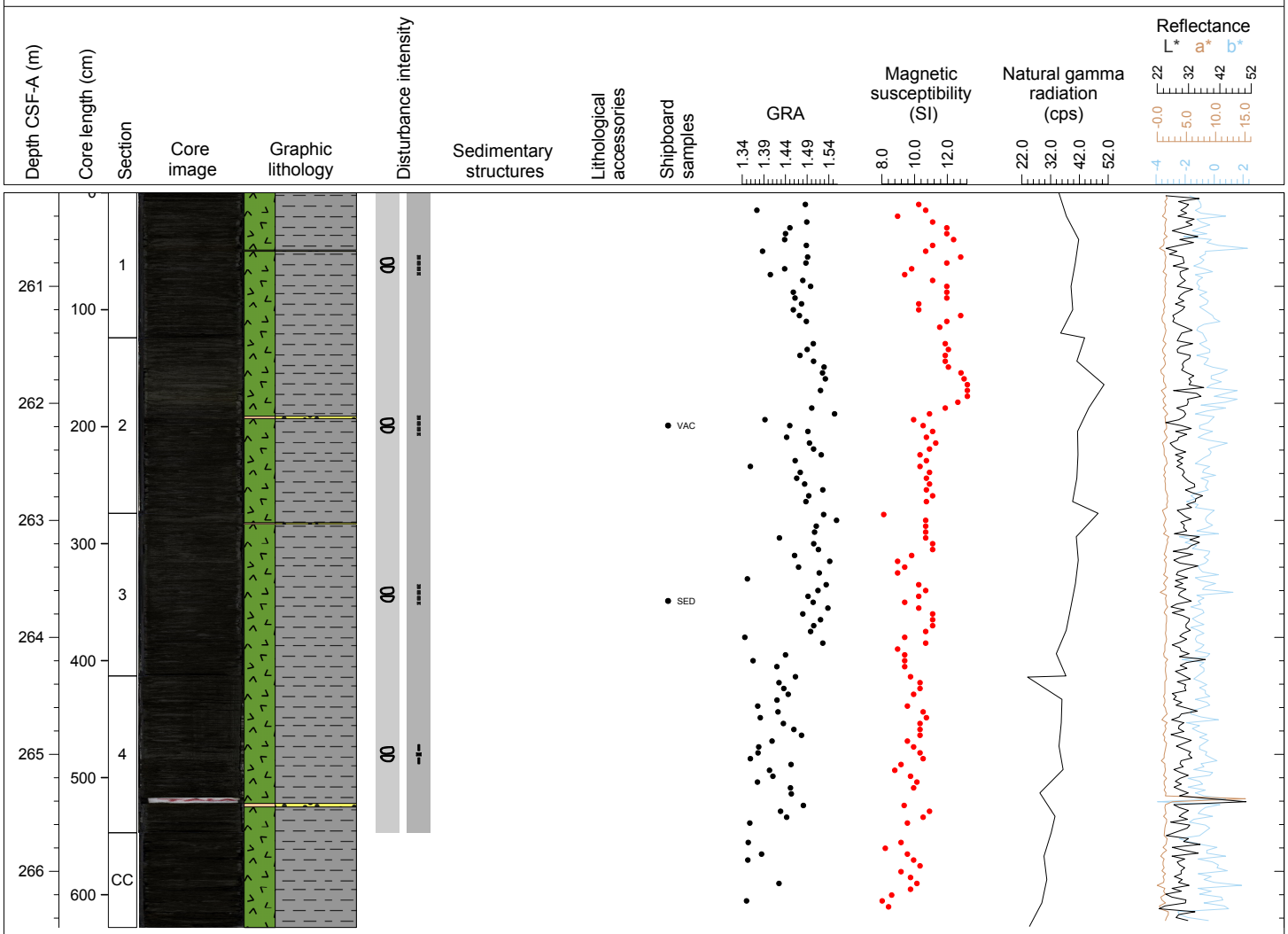
Hole 353-U1445C Core 30X, Interval 252.2-259.05 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present. The sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 4/10Y and 4/5GY) to greenish gray (GLEY 1 5/10Y and 5/5GY).



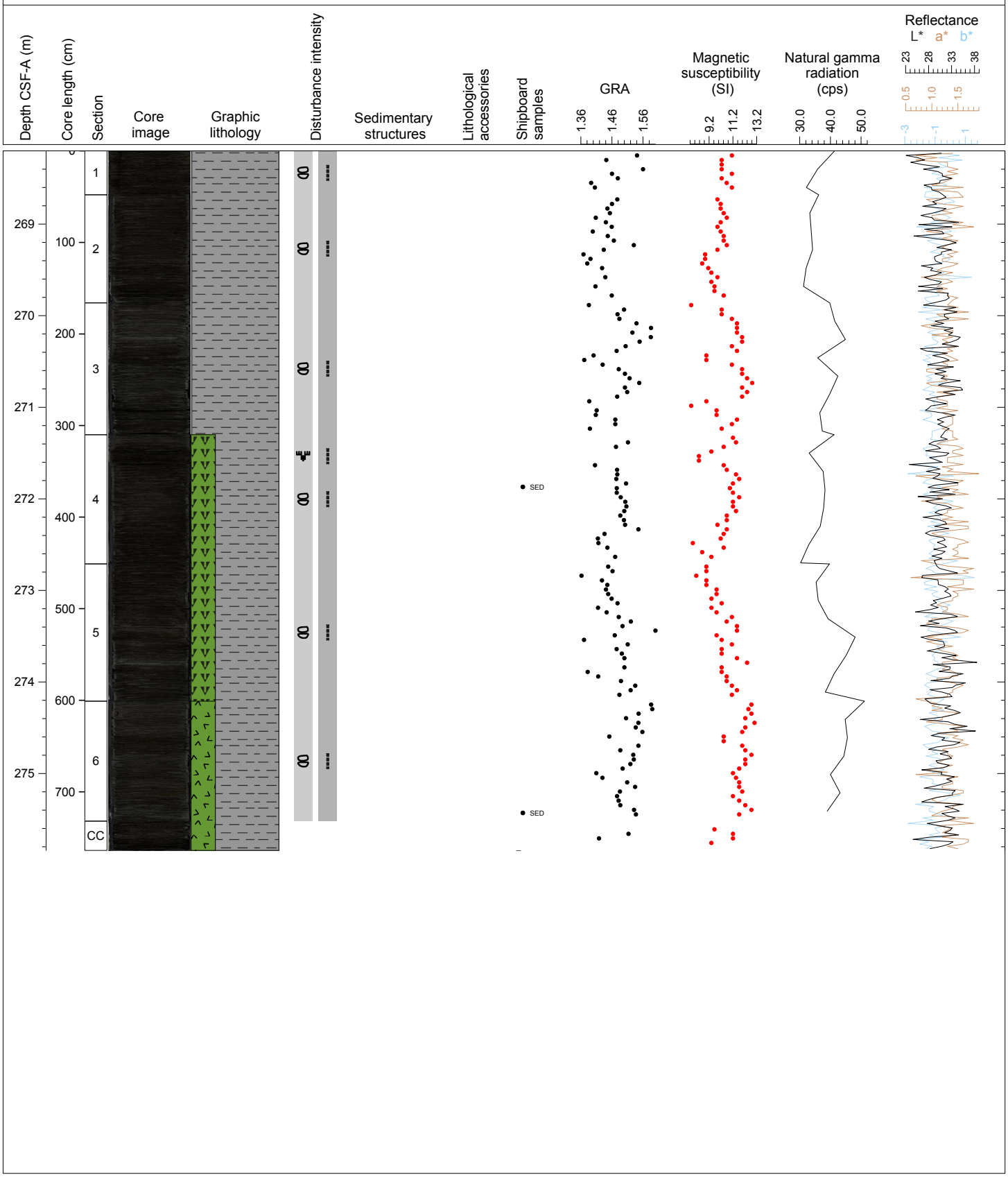
Hole 353-U1445C Core 31X, Interval 260.2-266.48 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present. The sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 4/10Y and 4/5GY) to greenish gray (GLEY 1 5/10Y and 5/5GY). Paler portion (GLEY 1 5/10Y) in section 2 from 24-57 cm.



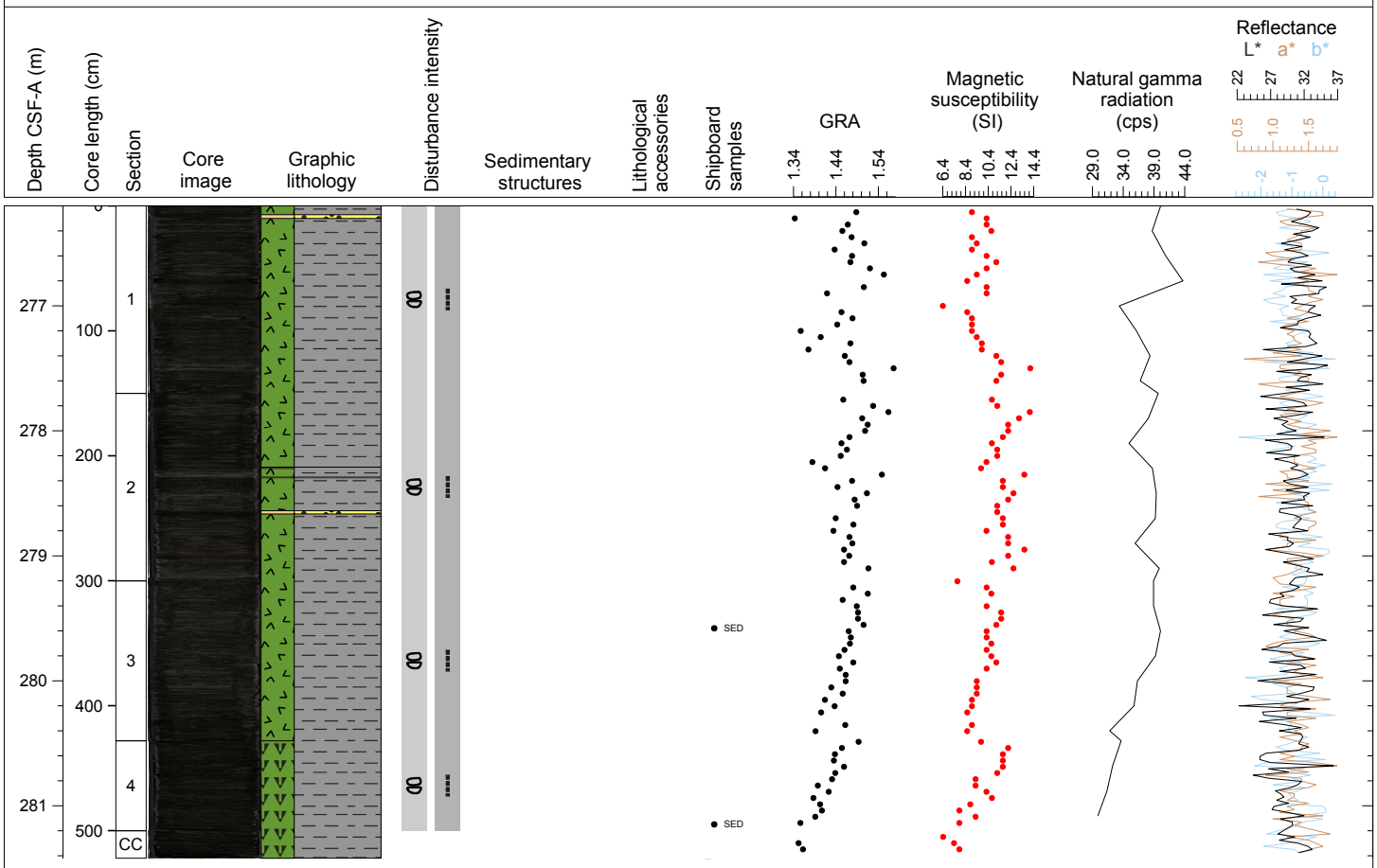
Hole 353-U1445C Core 32X, Interval 268.2-275.84 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) CLAY with BIOSILICA. General Comments: The sediment is homogeneous.



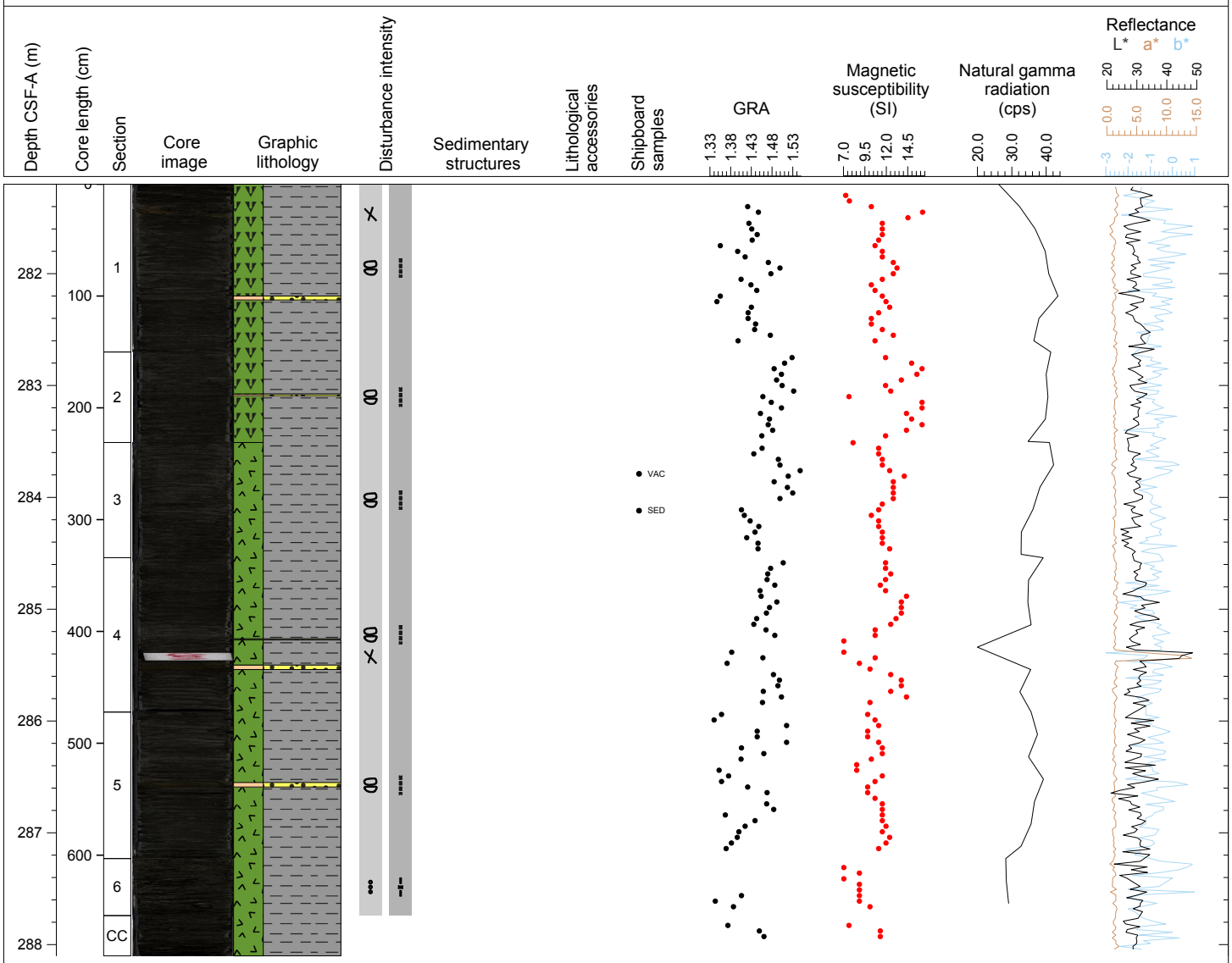
Hole 353-U1445C Core 33X, Interval 276.2-281.42 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE and DIATOM rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 4/10Y and 4/5GY) to greenish gray (GLEY 1 5/10Y and 5/5GY).



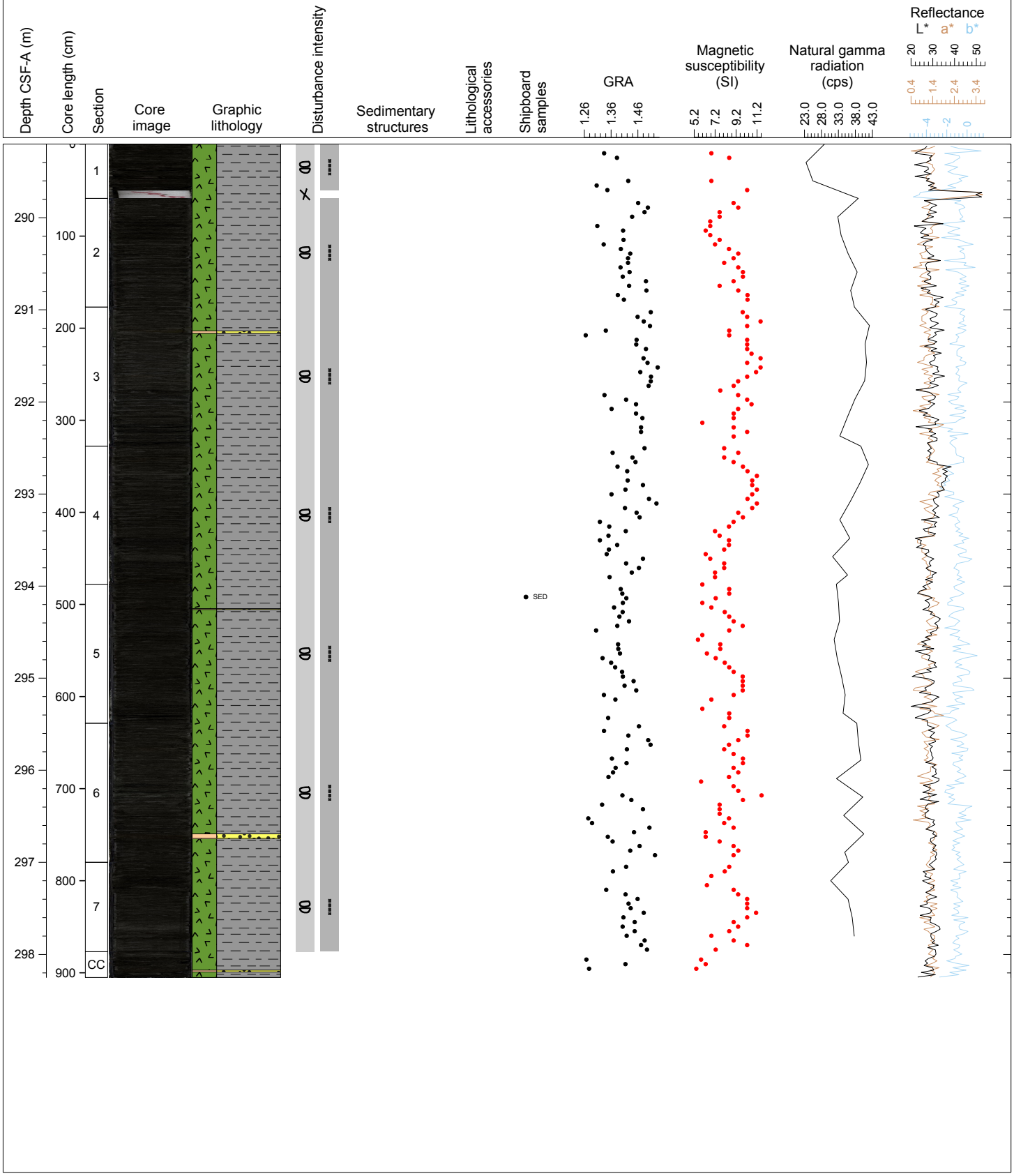
Hole 353-U1445C Core 34X, Interval 281.2-288.1 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) DIATOM rich CLAY with GLAUCONITE and BIOSILICA rich CLAY. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present along with lighter gray QUARTZ-rich SANDY turbidites. The sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 4/10Y and 4/5GY) to greenish gray (GLEY 1 5/10Y and 5/5GY).



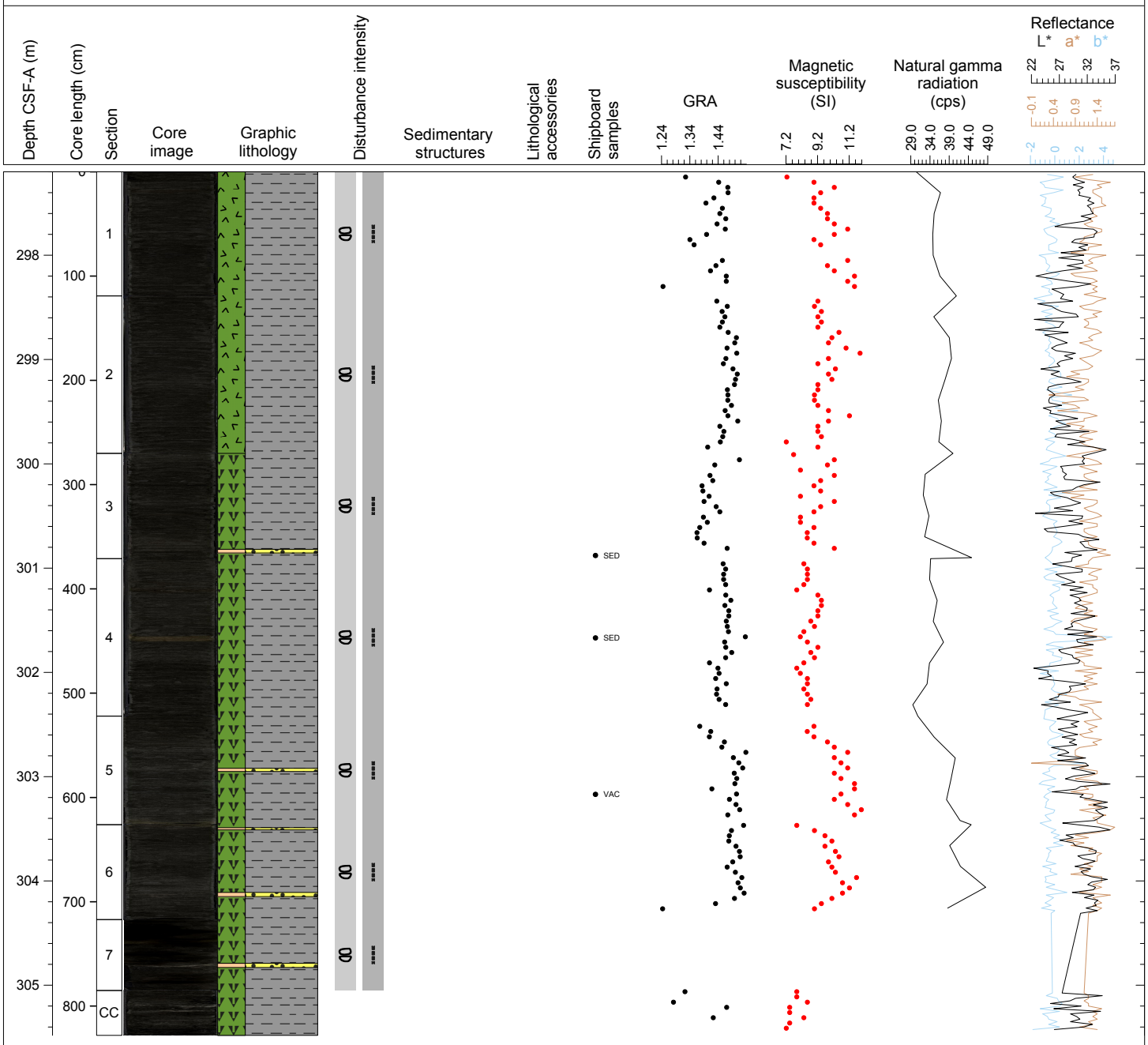
Hole 353-U1445C Core 35X, Interval 289.2-298.25 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY and BIOSILICA rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of olive brown SILTY SAND are present. The sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 4/10Y and 4/5GY) to greenish gray (GLEY 1 5/10Y and 5/5GY).



Hole 353-U1445C Core 36X, Interval 297.2-305.48 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) BIOSILICA rich CLAY with GLAUCONITE and DIATOM rich CLAY with GLAUCONITE. General Comments: Some sand-to-clay turbidites composed of light gray SILTY SAND are present. Some olive (5Y 5/3) olive authigenic crabonate bandings along the core. The sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 4/10Y and 4/5GY) to greenish gray (GLEY 1 5/10Y and 5/5GY). Splitting deformation in Section 7.



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 [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment
353-U1445A-1H-4-A 139/139-SED	0	0	5.89	5.89	15	35	50	5		1	44							25	10	10					3	7	105	foraminifer rich	clay [Leg210]	with nannofossils [2014]	minor lithology	
353-U1445A-1H-4-A 78/78-SED	0	0	5.28	5.28	90	10	0	5	1	2		1	71					15			3				2		100		sand [Leg210]	with foraminifers [2014]	minor lithology	Glauconite sand
353-U1445A-1H-4-A 91/91-SED	0	0	5.41	5.41	10	40	50	2		1	31		5	1	2	1		14	27	3	2	3			3	5	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1445A-1H-5-A 84/84-SED	0	0	6.84	6.84	15	30	55	4		1	32				5			15	25	2	2	4		1	5	4	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1445A-1H-CC-A 1/1-SED-initial	0	0	6.91	6.91	3	58	39	6		3	29			2		1	1	13	30	3	1	1		1	2	4	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1445A-2H-1-A 50/50-SED	0	0	7.4	7.4	5	25	70	4		1	56							5	15	3	2	5		1	3	5	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-2H-4-A 60/60-SED	0	0	12	12	50	30	20	5		4	20			3	2			56	10								100		foraminiferal ooze [Leg339]		minor lithology	Turbidite- foram sand, not actual "ooze"
353-U1445A-2H-5-A 99/99-SED	0	0	13.89	13.89	60	40		5	1	2					92												100		volcanic ash [MMK88]		minor lithology	Possible Toba?
353-U1445A-2H-6-A 120/120-SED	0	0	15.6	15.6	5	20	75	2			58								25	2	1	4		1	4	3	100	nannofossil rich	clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445A-3H-1-A 65/65-SED	0	0	17.05	17.05	10	30	60	5	1	1	48			2				3	10		3	15			10	2	100	diatom rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-3H-3-A 111/111-SED	0	0	20.51	20.51	10	20	70	3		1	50			6	1			4	15			5			10	5	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-3H-4-A 84/84-SED	0	0	21.74	21.74	45	30	25	5		3	15		25	4		1		25	10	7						5	100				minor lithology	foram and glauconite rich turbidite
353-U1445A-3H-5-A 140/140-SED	0	0	23.8	23.8	20	25	55	2			36			1	5			25	20	3	2	1			2	3	100	foraminifer rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-4H-1-A 10/10-SED	0	0	26	26	40	60		5		1			68					25								1	100				minor lithology	foraminifer-rich glauconite layer
353-U1445A-4H-3-A 86/86-SED	0	0	29.76	29.76	5	15	80	1		1	60		1	3			1	5	20	2					2	4	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-4H-4-W 86/86-SED	0	0	31.28	31.28	40	20	40	3			30		5	5				30	15	5		2			3	2	100	foraminifer rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-4H-7-A 60/60-SED	0	0	35.41	35.41	10	20	70	4		1	53			7	1		4	6	15	2		1			3	3	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-5H-1-A 61/61-SED	0	0	36.01	36.01	5	20	75	3			45			10	5		2		30							5	100	nannofossil rich	clay [Leg210]		major lithology	high Fe sulfide content
353-U1445A-5H-2-A 85/85-SED	0	0	37.72	37.72	3	17	80	1			59			4			3	3	25						3	2	100	nannofossil rich	clay [Leg210]		major lithology	
353-U1445A-5H-5-A 114/114-SED	0	0	42.43	42.43	25	45	30				10		25	3					40		7	10			5		100		nannofossil ooze [Leg339]	with diatoms [2014]	minor lithology	Re-worked light-colored clast. Glauconite-rich
353-U1445A-5H-5-A 75/75-SED	0	0	42.04	42.04	15	35	50	1			15		30					3	47		1				3		100		nannofossil ooze [Leg339]		minor lithology	Re-worked light-colored clast. Glauconite-rich
353-U1445A-6H-1-A 82/82-SED	0	0	45.72	45.72	5	20	75	2	1	1	57			1			1	4	25	2		1			3	2	100	nannofossil rich	clay [Leg210]		major lithology	
353-U1445A-6H-4-A 31/31-SED	0	0	49.56	49.56	55	25	20	10	2	7	12	2	20					30	10	1	5					1	100	foraminifer rich	sand [Leg210]	with glauconite [2014]	major lithology	turbidite
353-U1445A-6H-6-A 82/82-SED	0	0	52.93	52.93	3	17	80	5	1	2	56			2				4	25						2	3	100	nannofossil rich	clay [Leg210]		major lithology	
353-U1445A-7H-1-A 88/88-SED	0	0	55.28	55.28	5	15	75	1			40			5	2		1	10	35	1					2	3	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1445A-7H-2-A 70/70-SED	0	0	56.53	56.53	20	20	60	3		3	37		5	5			4	25	10						7	1	100	foraminifer rich	clay [Leg210]	with nannofossils [2014]	minor lithology	from mousselike layer- possible hydrate dissociation
353-U1445A-7H-5-A 68/68-SED	0	0	60.55	60.55	20	30	50	15	2	5	30				1			22	20	3						2	100	silty [Leg339]	clay [Leg210]	with foraminifers [2014]	minor lithology	
353-U1445A-7H-7-A 22/22-SED	0	0	62.55	62.55	15	35	50	12		5	28			3			2	15	25						5	5	100	nannofossil rich	clay [Leg210]	with silt [2014]	major lithology	
353-U1445A-8H-2-A 24/24-SED	0	0	64.73	64.73	5	15	80	3		1	59			2	1		1	5	20							8	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-8H-3-A 125/125-SED	0	0	67.11	67.11	2	48	50				10		5				1		79						5		100		nannofossil ooze [Leg339]		minor lithology	re-worked rip-up clast
353-U1445A-8H-3-A 128/128-SED	0	0	67.14	67.14	15	50	35	2			15		10	2			8	12	44						7		100		nannofossil ooze [Leg339]	with foraminifers [2014]	minor lithology	re-worked. nice rhombs.
353-U1445A-8H-7-A 123/123-SED	0	0	72.78	72.78	5	15	80	3		1	50			8	2			5	25						3	3	100	nannofossil rich	clay [Leg210]		major lithology	
353-U1445A-9H-2-A 90/90-SED	0	0	74.63	74.63	5	10	85	3		1	60			3				1	25						6	1	100	nannofossil rich	clay [Leg210]		major lithology	
353-U1445A-9H-5-A 61/61-SED	0	0	78.46	78.46	1	25	70	3		1	36			4		1	1	10	30	6					2	6	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	minor lithology	
353-U1445A-9H-7-A 46/46-SED	0	0	81.07	81.07	3	30	67	3		1	47			4			2		25	15					2	1	100	nannofossil rich	clay [Leg210]		major lithology	
353-U1445A-9H-CC-A 24/24-SED	0	0	83.42	83.42	5	25	70	2			41			4			2	7	31	3					5	5	100	nannofossil rich	clay [Leg210]		major lithology	
353-U1445A-10H-1-A 47/47-SED	0	0	83.37	83.37	3	20	77	8		1	55			3				10	18							5	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-10H-3-A 131/131-SED	0	0	86.78	86.78	6	40	54	5			28		2	10			1	25	25	3					1		100	nannofossil rich	clay [Leg210]			
353-U1445A-10H-5-A 142/142-SED	0	0	89.76	89.76				6		1	31			7				8	40						1	4	100	nannofossil rich	clay [Leg210]		major lithology	
353-U1445A-11H-1-A 90/90-SED	0	0	93.3	93.3	1	15	84	4			68			3				1	15						4	5	100		clay [Leg210]	with nannofossils [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 biosiliceous fossil fragments [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment
353-U1445A-11H-2-A 50/50-SED-brown	0	0	94.3	94.3	1	15	84	3		1	54			4		2		4	19	1		1			8	3	100					
353-U1445A-11H-2-A 54/54-SED-grey	0	0	94.34	94.34	1	15	84	2			60		1	2				2	17			2			8	6	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-11H-5-A 45/45-SED	0	0	98.04	98.04	2	35	63	4			66			4				1	12			1			8	4	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-11H-7-A 36/36-SED	0	0	100.51	100.51	2	58	40	2			25			3			58	3	5						1	3	100	clayey [Leg339]	calcareous ooze [Leg339]		minor lithology	
353-U1445A-12H-1-A 15/15-SED-moussey	0	0	102.05	102.05	15	35	50	6			33			3			3	25	20	2	2	1			2	3	100	foraminifer rich	clay [Leg210]	with nannofossils [2014]	minor lithology	
353-U1445A-12H-2-A 33/33-SED	0	0	102.68	102.68	1	40	59	5			62						2	3	20	2					2	4	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-12H-5-A 37/37-SED-darker	0	0	106.8	106.8	3	38	59	8			54			6		1	5	3	15	2					1	5	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-12H-5-A 49/49-SED-paler	0	0	106.92	106.92	3	35	62	4			68		1	2			1	5	12	1		1			2	3	100					
353-U1445A-12H-6-A 132/132-SED-turb	0	0	109.16	109.16	3	92	5	69		15	2			3			5	2		2					1		100		silt [Leg210]		minor lithology	
353-U1445A-12H-6-A 83/83-SED-rip up	0	0	108.67	108.67	10	45	45	2			24			1			2	5	49	2	3	2			8	2	100	clayey [Leg339]	nannofossil ooze [Leg339]		minor lithology	
353-U1445A-13H-2-A 125/125-SED	0	0	113.97	113.97	1	40	59	5		1	66		1	6			2	1	8			2	1		5	2	100		clay [Leg210]		major lithology	
353-U1445A-13H-2-A 132/132-SED-sandy	0	0	114.04	114.04	35	57	8	37	5	5	5		2	15				24	1	5					1		100					
353-U1445A-13H-4-A 46/46-SED	0	0	116.08	116.08	10	86	4	56	10	15			1	2			6	5		4							100		silt [Leg210]	with sand [2014]	minor lithology	
353-U1445A-14H-4-A 33/33-SED	0	0	124.39	124.39	2	88	10	63	5	15			2	6				3		5						1	100		silt [Leg210]		minor lithology	
353-U1445A-14H-4-A 52/52-SED	0	0	124.58	124.58				5			62		1	3				3	22							4	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-14H-6-A 100/100-SED	0	0	128.07	128.07	0	30	70	2		1	72		1	4		2	2	1	8		1	1			2	3	100		clay [Leg210]		major lithology	
353-U1445A-14H-7-A 64/64-SED-green	0	0	129.22	129.22	10	55	35	1			55		25	5			1	3	5			1			3	1	100	glauconite rich	clay [Leg210]		minor lithology	
353-U1445A-15H-1-A 120/120-SED	0	0	131.6	131.6	1	15	84	2			74		1	6			1	2	9	1	1				1	2	100		clay [Leg210]		major lithology	
353-U1445A-15H-1-A 88/88-SED-white fleck	0	0	131.28	131.28	1	39	60	39		3	51		2	1				1	1						1	1	100		clay [Leg210]		minor lithology	white flacks in the clay. quartz rich.
353-U1445A-15H-3-A 29/29-SED-sandy	0	0	133.75	133.75	40	48	12	10	1	2	20		1	6			3	37	10	10							100	foraminifer rich	silt [Leg210]	with nannofossils [2014]	minor lithology	48% sand sized
353-U1445A-15H-6-A 80/80-SED	0	0	138.69	138.69	1	25	74	2		2	51			5			5	5	15		2	2			5	6	100		clay [Leg210]	with nannofossils [2014]		biosilica rich - browner clay colour
353-U1445A-16H-1-A 68/68-SED	0	0	140.58	140.58	1	40	59	12		1	52		1	6			2	3	10	1		1	1		4	6	100		clay [Leg210]	with nannofossils [2014]	major lithology	biosilica rich
353-U1445A-16H-2-A 103/103-SED	0	0	142.19	142.19	45	35	20	20	1		11		5	15			1	35	3	2		1			5		100	foraminifer rich	sand [Leg210]	with iron sulphides	minor lithology	forams look transported. many benthics.
353-U1445A-16H-4-A 76/76-SED	0	0	144.5	144.5	1	40	59	6		2	61			1		2	3	1	9	1	1	2			8	3	100		clay [Leg210]	with biosilica [2014]	major lithology	and with nannofossils
353-U1445A-17H-2-A 88/88-SED	0	0	151.78	151.78	1	15	84	2			79		1	2			1		8	1	1	1	1		1	2	100		clay [Leg210]		major lithology	
353-U1445A-17H-3-A 99/99-SED-sandy	0	0	153.39	153.39	40	48	12	10			15	5		15				50		5							100	foraminifer rich	sand [Leg210]		minor lithology	with iron sulfides
353-U1445A-17H-7-A 118/118-SED	0	0	158.49	158.49	2	35	63	15		2	54			6			2		5		2	3			11		100	silty [Leg339]	clay [Leg210]	with biosilica [2014]	major lithology	browner lithology
353-U1445A-18H-1-A 130/130-SED	0	0	160.2	160.2	15	40	45	12		2	37		2	4			2	5	10	1		2			18	5	100	silty [Leg339]	clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445A-18H-3-A 107/107-SED	0	0	162.82	162.82	60	30	10	8		5	10		5	12				45	5						7	3	100	foraminifer rich	sand [Leg210]		minor lithology	with iron sulfides
353-U1445A-18H-5-A 138/138-SED	0	0	165.87	165.87	20	35	45	10		1	40		3	5			1	3	5	1	3	12			10	6	100	diatom rich	clay [Leg210]	with silt [2014]	major lithology	
353-U1445A-18H-7-A 65/65-SED	0	0	167.95	167.95	15	35	50	8			44			6			2	2	3	1		15	1	5	10	3	100	diatom rich	clay [Leg210]	with silt [2014]	major lithology	biosilica-rich silt
353-U1445A-19H-1-A 60/60-SED	0	0	169	169	70	30		79	1	15		2	3														100	silty [Leg339]	sand [Leg210]		major lithology	
353-U1445A-19H-3-A 44/44-SED	0	0	171.59	171.59	5	35	60	7		1	57		6	2				5	3		1	7		1	8	2	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445A-19H-5-A 93/93-SED	0	0	174.92	174.92	10	50	40	5		1	37		12	10			4	1	2		2	5	1		15	5	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	with iron sulfides
353-U1445A-20H-2-A 62/62-SED	0	0	179.92	179.92	15	45	40	5		1	31		12	4	2			4	3	1	2	8	1		20	6	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-20H-3-A 14/14-SED	0	0	180.95	180.95	15	45	40	12	1	3	28		8	3			7		8	2	1	5	1		15	6	100	diatom rich	clay [Leg210]	with silt [2014]	major lithology	
353-U1445A-20H-6-A 116/116-SED	0	0	186.3	186.3	10	45	45	7		1	41		10	2			1	6	4	1	1	3			20	3	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-20H-7-A 93/93-SED	0	0	187.51	187.51	10	80	10	3	1	1	10		8	62			1					1			12	1	100				minor lithology	iron sulfide concretion
353-U1445A-21H-1-A 53/53-SED	0	0	187.93	187.93	15	75	10	40	2	17	10	1	7	5				3				4		1	8	2	100		silt [Leg210]	with sand [2014]	minor lithology	from mousselike interval
353-U1445A-21H-2-A 140/140-SED	0	0	190.31	190.31	10	45	45	6		1	44		15	3			1	1	2	1		3		1	20	2	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-21H-6-A 132/132-SED	0	0	195.54	195.54	10	35	55	5		1	55		10				1		1		2	4		1	18	2	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-22H-2-A 60/60-SED	0	0	199	199	10	50	40	4		1	36		10	6					5		3	7	2	1	22	3	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-22H-5-A 105/105-SED	0	0	203.14	203.14	10	35	55	3			27		15	3	1			5	30			5			10	1	100	nannofossil rich	clay [Leg210]	with glauconite [2014]	minor lithology	from light tan layer. contains actinicidian

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 [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment
353-U1445A-22H-5-A 85/85-SED	0	0	202.94	202.94	15	30	55	2		1	44		8	1					10		2	4		2	24	2	100	diatom rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-23H-2-A 45/45-SED	0	0	208.18	208.18	10	45	45	12		3	38		12	1					8		2	1	1		20	2	100	diatom rich	clay [Leg210]	with silt [2014]	major lithology	
353-U1445A-23H-3-A 36/36-SED	0	0	209.5	209.5	20	75	5	45	1	30	5	1	3		8			2								5	100		silt [Leg210]	with sand [2014]	minor lithology	
353-U1445A-23H-4-A 87/87-SED	0	0	211.44	211.44	5	50	45	2		2	41		20	2			1	4	5	2		1			15	5	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445A-23H-6-A 92/92-SED	0	0	214.16	214.16	15	45	40	3		1	38		20	2					3		1	5		1	23	3	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-24H-3-A 63/63-SED	0	0	218.58	218.58	15	40	45	4		1	44		10	1			1		2		1	6	1	2	25	2	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-24H-6-A 56/56-SED	0	0	222.63	222.63	10	45	45	5		3	30		15	3	1			7	15	1		1			15	4	100		clay [Leg210]	with biosilica [2014]	minor lithology	
353-U1445A-24H-6-A 76/76-SED	0	0	222.83	222.83	25	40	35	3		1	30		20	1			3	1	5			3		1	25	7	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-25X-1-A 42/42-SED	0	0	225.52	225.52	20	45	35	3		1	27		8	5			5	3	8			4		1	30	5	100	diatom rich	clay [Leg210]		major lithology	
353-U1445A-25X-3-A 65/65-SED	0	0	228.03	228.03	15	35	50	5		2	34		10	6	1		2		5			2			25	8	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-25X-5-A 100/100-SED	0	0	230.79	230.79	10	35	55	2		1	53		8	2				3	3			2			25	1	100	diatom rich	clay [Leg210]		major lithology	
353-U1445A-26X-3-A 22/22-SED	0	0	236.64	236.64	25	20	45	3			43		20	1			1	1	2		2	4	1		20	2	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-26X-6-A 40/40-SED	0	0	240.35	240.35	15	40	45	5		2	41		12	3				2	3			8		1	20	3	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-27X-1-A 25/25-SED	0	0	244.75	244.75	17	43	40	3		1	30		20	3			1	1	1	1	1	3	1		34		100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-27X-5-A 21/21-SED	0	0	248.94	248.94	15	55	30	2		3	48		15	2			2	1	2		1	1			20	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-28X-2-A 34/34-SED	0	0	256.04	256.04	18	57	25	8		1	15		15	10			3	2	1		1	2			35	7	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-28X-4-A 38/38-SED	0	0	258.3	258.3	20	36	44	2		2	31		25	5			4		1	1	1	2			22	4	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-28X-4-A 39/39-SED-burrow	0	0	258.31	258.31	20	56	34	5		3	11		15	6			9	6	10	5	1	1			28		100	biosilica rich	clay [Leg210]	with glauconite [2014]	minor lithology	bleb/ burrow within the main lithology
353-U1445A-29X-1-A 37/37-SED	0	0	264.27	264.27	15	52	33	2		2	24		12	9			3		2		1	4			35	6	100	biosilica-rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-29X-1-A 91/91-SED-brown	0	0	264.81	264.81	8	60	32	3		1	20		10	5			4	6	10	2	1	2	1		35		100	biosilica rich	clay [Leg210]	with glauconite [2014]	minor lithology	brownish minor lithology
353-U1445A-29X-5-A 62/62-SED	0	0	269.91	269.91	15	55	30	2			29		15	4			3		1		1	3			38	4	100	biosilca rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-30X-3-A 47/47-SED	0	0	275.73	275.73	6	64	30	2		1	25		6	2			4	1	2	2	1	41			10	3	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-30X-4-A 53/53-SED-turbidite	0	0	277.19	277.19	50	40	10	5			8			5			15	40	4			1			20	2	100	foraminifer rich	sand [Leg210]		minor lithology	turbidite in the drilling slurry. prob roughly in situ
353-U1445A-30X-7-A 50/50-SED-brown	0	0	280.25	280.25	7	63	30	6			22		9	4			8	10	2	4		5			30		100	biosilica-rich	clay [Leg210]	with glauconite [2014]	minor lithology	
353-U1445A-31X-1-A 93/93-SED	0	0	284.23	284.23	18	52	30	4			24		10	5			6	1	2			25			20	3	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-31X-4-A 50/50-SED	0	0	287.44	287.44	15	50	25	3		2	20		10	2			3	1	1		1	27			26	4	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-32X-1-A 71/71-SED	0	0	293.71	293.71	20			6		3	23		6	4			2		2			35		1	12	6	100	diatom rich	clay [Leg210]	with glauconite [2014]		
353-U1445A-32X-3-A 86/86-SED-pale	0	0	296.65	296.65	8			7		2	35		6	5			5		1		2	25	1		19	2	110	diatom rich	clay [Leg210]			from paler sediment
353-U1445A-32X-CC-A 60/60-SED-brown	0	0	300.75	300.75	1	39	60	1			20			3		1			43			20			10	2	100	diatom rich	nannofossil ooze [Leg339]	with clay [2014]		from brown interval
353-U1445A-33X-1-A 115/115-SED-turbidite	0	0	303.85	303.85	60	20	20	15		2	20		25	2				35								1	100	foraminifer rich	sand [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-33X-1-A 95/95-SED	0	0	303.65	303.65	25	35	40	5		2	37		15	4			3		2		2	8			20	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-33X-4-A 25/25-SED-paler	0	0	307.15	307.15	15	40	45	3			44		7	4			3		1	1		25		1	10	1	100	diatom rich	clay [Leg210]		major lithology	
353-U1445A-33X-5-A 60/60-SED56	0	0	308.97	308.97	20	45	35	6		1	30		10	3			4	1	3			25		2	10	5	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-34X-1-A 88/88-SED	0	0	311.58	311.58	5	45	50	3		1	48		10	1	2		1	1	3		1	8			18	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-34X-3-A 130/130-SED	0	0	314.87	314.87	10	35	55	2			50		10	1			1		5		2	2			25	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-34X-6-A 22/22-SED	0	0	318.08	318.08	25	35	40	2		1	42		25	1			1		1			10			15	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-35X-1-A 63/63-SED	0	0	319.33	319.33	10	40	50	1			43		7	1			1		5			30	1		10	1	100	diatom rich	clay [Leg210]		major lithology	
353-U1445A-35X-3-A 117/117-SED	0	0	322.87	322.87	10	45	45	1			33		12	1			2	3	20	2		5			20	1	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	minor lithology	
353-U1445A-35X-5-A 85/85-SED	0	0	325.53	325.53	30	40	50	2		1	30		20	2			2	6	2	3		25			5	2	100	diatom rich	clay [Leg210]	with glauconite [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 [%]	Siliceflagellates [%]	Sponge spicule fragments [%]	Other biosiliceous fossil fragments [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment
353-U1445A-36X-1-A 63/63-SED	0	0	324.63	324.63	15	45	40	1			15		20				1		43						20		100		nannofossil ooze [Leg339]	with glauconite [2014]	minor lithology	from light green clast, reworked
353-U1445A-36X-1-A 77/77-SED	0	0	324.77	324.77	15	35	50	1			45		8	2				2	3			25			10	4	100	diatom rich	clay [Leg210]		major lithology	
353-U1445A-36X-3-A 38/38-SED	0	0	327.14	327.14	15	30	55	1			42		15	2			1	1	5	1		10			20	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-36X-6-A 57/57-SED	0	0	331.84	331.84	10	55	35	1			41		20	2			1		3		1	5			25	1	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-37X-1-A 85/85-SED	0	0	334.55	334.55	15	35	50	4			50		12	2			2		1			1			25	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-37X-4-A 51/51-SED	0	0	338.44	338.44	10	45	45	1			41		10	2			1	2	6	3		2			30	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-38X-3-A 60/60-SED	0	0	345.91	345.91	10	60	30	1			26		12	7			1		5		2	12		1	30	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-38X-6-A 62/62-SED	0	0	350.26	350.26	20	40	40	8		3	37		10	1			2	2	1	3	1	5			25	2	100	biosilica rich	clay [Leg210]	with silt [2014]	major lithology	
353-U1445A-39X-1-A 87/87-SED	0	0	352.27	352.27	15	45	40	6		1	37		12	5			1	2	3		2	10	1		17	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-39X-5-A 2/2-SED	0	0	357.45	357.45	15	55	30	7		2	27		10	3			1	3	5	2		6	1		30	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-40X-1-A 112/112-SED	0	0	360.52	360.52	60	30	10	3			10		25	6			3	50	1							2	100	foraminifer rich	sand [Leg210]	with glauconite [2014]	minor lithology	from turbidite
353-U1445A-40X-4-A 37/37-SED	0	0	364.16	364.16	15	35	50	1			45		10	3			2	4	6	1	1	5			20	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-40X-5-A 32/32-SED	0	0	365.61	365.61	12	38	50	3		1	47		12	3				1	3	2	1	4		1	20	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-41X-1-A 32/32-SED	0	0	367.72	367.72	10	40	50	2		1	46		15	2			1	1	2			3			25	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-41X-5-A 43/43-SED	0	0	373.77	373.77	10	50	40	3		1	33		12	1			1		5		1	15	1		25	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-42X-1-A 26/26-SED	0	0	375.66	375.66	40	50	10	5		5	2		15	3				48	5			2			13	2	100	foraminifer rich	sand [Leg210]	with biosilica [2014]	minor lithology	turbidite
353-U1445A-42X-5-A 73/73-SED	0	0	382.09	382.09	2	51	47	3		2	35		10	2			2	1	2		1	3			36	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-43X-1-A 108/108-SED	0	0	384.48	384.48	1	15	84	3		1	51		5	2			2		7		1	1			25	2	100	biosilica rich	clay [Leg210]		major lithology	
353-U1445A-43X-3-A 82/82-SED	0	0	386.77	386.77	3	25	72	5		1	42		12	3			3		1		1	2			28	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-44X-3-A 34/34-SED	0	0	394.28	394.28	15	50	35	3	1	2	25		14	5			3	1	2			10			30	4	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-44X-3-A 50/50-SED-brown	0	0	394.44	394.44	12	53	35	4		2	38		12	2			4	5	10	1		2			18	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	minor lithology	and nannofossils
353-U1445A-44X-CC-A 26/26-SED	0	0	399.7	399.7	5	55	40	3			37		6	2			2		2			12			35	1	100	biosilica rich	clay [Leg210]		major lithology	
353-U1445A-45X-4-A 121/121-SED-brown	0	0	404.98	404.98	2	35	63	2		1	40		2	2			2		1			24			25	1	100	diatom rich	clay [Leg210]	with glauconite [2014]	minor lithology	
353-U1445A-45X-4-A 8/8-SED-turbidite	0	0	403.85	403.85	35	40	25	2	1	2	24		15	2				20	3			3			27	1	100	biosilica rich	sand [Leg210]	with foraminifers [2014]	minor lithology	turbidite
353-U1445A-45X-4-A 85/85-SED	0	0	404.62	404.62	1	40	59	3		2	31		10	3			2		4	1	1	15	1		25	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-46X-3-A 73/73-SED	0	0	411.13	411.13	2	20	78	2		2	49		8	2				1	3		1	3			25	4	100	biosilica rich	clay [Leg210]		major lithology	
353-U1445A-46X-4-A 118/118-SED-shelly tur	0	0	413.08	413.08	50	45	5	25	3		4	1	10	6			10	2	1	35		1			2		100	bioclastic	sand [Leg210]	with glauconite [2014]	minor lithology	turbidite
353-U1445A-46X-5-A 80/80-SED	0	0	414.2	414.2	2	35	63	4		1	36		10	5		1	3	10	6	2		1			20	1	100		clay [Leg210]	with biosilica [2014]	minor lithology	less biosilica
353-U1445A-47X-3-A 63/63-SED	0	0	419.02	419.02	2	40	58	15		1	36		6	2			4	4	4	3					20	5	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445A-47X-5-A 34/34-SED	0	0	421.51	421.51	2	15	83	5		1	54		6	2			1		2	1		1			25	2	100	biosilica rich	clay [Leg210]		major lithology	
353-U1445A-48X-1-A 104/104-SED	0	0	424.44	424.44	10	50	40	2		1	35		12	3					1		1	12			31	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-48X-5-A 51/51-SED	0	0	429.84	429.84	2	55	43	3			34		12	3			2		2			2	1		39	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-48X-6-A 45/45-SED-sandy	0	0	431.24	431.24	65	31	4	57	8	1			7	15				2		10							100		sand [Leg210]	with bioclasts	minor lithology	turbidite
353-U1445A-49X-1-A 115/115-SED-greenish	0	0	432.55	432.55	2	63	35	7			40		8	3			2		3			3			32	2	100	biosilica rich	clay [Leg210]		major lithology	
353-U1445A-49X-3-A 135/135-SED-dark	0	0	435.67	435.67	15	35	50	7		3	45		15	3				2	5	1		1			25	2	110	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	darker gray sediment
353-U1445A-49X-5-A 69/69-SED-sandy	0	0	438.01	438.01	60	25	15	5		2	15		15	4				47		10						2	100	foraminifer rich	sand [Leg210]	with glauconite [2014]	minor lithology	Sandy, foram-rich interval
353-U1445A-50X-2-A 65/65-SED	0	0	440.74	440.74	5	45	50	6		3	33		18	1			3	1	1						30	4	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-50X-5-A 81/81-SED	0	0	444.97	444.97	5	55	40	7	1	4	40		6						1	5					35	1	100	biosilica rich	clay [Leg210]	with silt [2014]	major lithology	
353-U1445A-51X-2-A 91/91-SED	0	0	448.88	448.88	10	40	50	2		1	50		15				1	3	1						25	2	100	biosilica rich	clay [Leg210]	with glauconite [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 biosiliceous fossil fragments [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment
353-U1445A-51X-5-A 61/61-SED	0	0	452.4	452.4	15	50	35	3			31		10	4			30	6	5	1					10		100	authigenic carbonate rich	clay [Leg210]	with biosilica [2014]	minor lithology	
353-U1445A-51X-7-A 24/24-SED	0	0	454.94	454.94	15	70	15	6		3	15			2			40	5	1	15					12	1	100	authigenic carbonate rich			minor lithology	authigenic carbonate band
353-U1445A-52X-3-A 109/109-SED	0	0	459.33	459.33	20	40	40	5		2	36		20				3		5						25	4	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-52X-4-A 43/43-SED	0	0	460.15	460.15	15	75	10	45		20	10			3			20									2	100		silt [Leg210]		minor lithology	from turbidite
353-U1445A-52X-5-A 60/60-SED	0	0	461.68	461.68	10	40	50	2		2	43		15	1	1			5	4						25	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	minor lithology	from brown layer
353-U1445A-53X-2-A 62/62-SED	0	0	464.76	464.76	15	25	50	1		1	10		20	3					53						12		100		nannofossil ooze [Leg339]	with glauconite [2014]	minor lithology	from light green ooze clast
353-U1445A-53X-2-A 75/75-SED	0	0	464.89	464.89	20	40	40	2		1	33		20	1			2	5	8						25	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	minor lithology	from brown clay clast
353-U1445A-53X-6-A 38/38-SED	0	0	470.42	470.42	5	45	50	5		2	46		20		1		1	2	3						20		100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445A-54X-2-A 72/72-SED	0	0	472.54	472.54	20	40	40	2		1	33		20	1			2	5	8						25	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	minor lithology	
353-U1445A-54X-5-A 116/116-SED	0	0	477.5	477.5	5	55	40	1			36		12	1			1	2	2		1	5	1		35	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-55X-2-A 63/63-SED	0	0	480.24	480.24	3	10	25	3			10		20	1				33	10	5		1			15	2	100	foraminifer rich	sand [Leg210]	with glauconite [2014]	minor lithology	increase in nannofossils
353-U1445A-55X-3-A 41/41-SED	0	0	481.53	481.53	15	70	15	7		4	15		20	3	25				1						20	5	100	volcaniclastic rich	silt [Leg210]	with biosilica [2014]	minor lithology	
353-U1445A-55X-4-A 101/101-SED	0	0	483.64	483.64																						100	100				minor lithology	wood fragment
353-U1445A-55X-5-A 104/104-SED	0	0	485.17	485.17	15	40	45	2			40		18	1			1	2	7			3			25	1	100	biosilica rich	clay [Leg210]	with glauconite [2014]	minor lithology	from brown layer
353-U1445A-56X-2-A 55/55-SED	0	0	489.45	489.45	15	45	40	2			28		25	1			6	1	10			1	25			1	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-56X-5-A 13/13-SED	0	0	493.18	493.18	20	55	25	4		1	17		25	3			1	5	8			2			30	4	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-57X-1-A 102/102-SED	0	0	496.42	496.42	65	20	15	20		9	15		8	10			2	30							5	1	100	foraminifer rich	sand [Leg210]		minor lithology	many iron sulfides
353-U1445A-57X-5-A 81/81-SED	0	0	502.04	502.04	5	60	35	12		6	28		5	1			10	1	6						30	1	100	biosilica rich	clay [Leg210]	with silt [2014]	major lithology	
353-U1445A-58X-2-A 105/105-SED	0	0	504.94	504.94	15	45	30	7		3	28		8	1			5	3	2			5			35	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-58X-5-A 135/135-SED	0	0	509.74	509.74	20	50	30	5		2	26		12	2			7	10	5			4	1		25	1	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-59X-1-A 11/11-SED	0	0	511.51	511.51	1	10	89	2		1	54		8	2			1	1	5						25	1	100	biosilica rich	clay [Leg210]			
353-U1445A-59X-2-A 40/40-SED	0	0	512.2	512.2	2	20	78	2		1	48		9	2			1	1	2		1	1			30	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-59X-5-A 59/59-SED	0	0	516.55	516.55	1	15	84	1			49		12	2			1		1			1			32	1	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-60X-3-A 100/100-SED-brown	0	0	523.4	523.4	1	35	64	1			39		5	2		2	2	2	10			1			35	1	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	minor lithology	
353-U1445A-60X-3-A 99/99-SED-dk grey	0	0	523.39	523.39	2	35	63	3		2	35		9	1		3	2	1	2			1			39	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-60X-5-A 77/77-SED	0	0	526.17	526.17	1	20	79	5		1	32		10	1		3	1	1	1	1					41	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-61X-2-A 75/75-SED-brown	0	0	529.64	529.64	2	55	43	2		1	14		11	2		2	3	2	8	2	1	2			47	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	minor lithology	and nannofossils. increased carbonate
353-U1445A-61X-2-A 76/76-SED-grey	0	0	529.65	529.65	2	60	38	3			20		10	2		2	2	1	1		1	3			52	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-61X-6-A 43/43-SED	0	0	534.92	534.92	3	55	42	3		1	40		6	2		1	1		2		1	3			39	1	100	biosilica rich	clay [Leg210]			
353-U1445A-62X-1-A 90/90-SED	0	0	536.3	536.3	3	45	52	3		1	38		7	2		2	1		1	1		1			40	3	100	biosilica rich	clay [Leg210]		major lithology	
353-U1445A-62X-2-A 45/45-SED-turbidite	0	0	537.35	537.35	60	35	5	5		2	5		5	10			2	48	2	14	1				4	2	100	foraminifer rich	sand [Leg210]	with fe sulphides	minor lithology	turbidite
353-U1445A-62X-5-A 64/64-SED-green	0	0	542.02	542.02	15	65	20	14		5	9		35	2		1	2			4		1			25	2	100	glauconite rich	clay [Leg210]	with biosilica [2014]	minor lithology	
353-U1445A-62X-5-A 70/70-SED	0	0	542.08	542.08	3	40	57	12		2	26	10	10	1		2			1	1	1	2	1		40	1	110	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-63X-1-A 57/57-SED	0	0	543.97	543.97	2	35	63	2			43		10	1			1	1	2	1	1	1			35	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-63X-4-A 57/57-SED-paler	0	0	547.65	547.65	1	10	89	10		2	26		3	2			1		1	2		1			50	2	100	biosilica rich	clay [Leg210]		minor lithology	paler layer
353-U1445A-63X-4-A 83/83-SED	0	0	547.91	547.91	10	60	30	2		1	22		12	1			1	1	2	1	1	3	1		50	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-64X-3-A 55/55-SED	0	0	554.77	554.77	1	40	59	2		1	42		4	3			1	1	2		1	1			40	2	100	biosilica rich	clay [Leg210]		major lithology	
353-U1445A-64X-6-A 51/51-SED	0	0	559.14	559.14	13	40	47	2		2	21		15	2		2		2	5	2	1	2			40	4	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-65X-2-A 100/100-SED-brown	0	0	561.91	561.91	15	45	35	10		3	24		10	4			2	4	4	5		1			30	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	minor 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 biosiliceous fossil fragments [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment
353-U1445A-65X-2-A 92/92-SED	0	0	561.83	561.83	6	40	54	2		2	23		10	3			2	2	10	3		2	1		36	4	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	and nannofossils
353-U1445A-65X-4-A 18/18-SED-paler	0	0	564.1	564.1	3	40	57	4		1	30		5	1		1	5		4	5		1			40	3	100	biosilica rich	clay [Leg210]		minor lithology	
353-U1445A-66X-1-A 124/124-SED-brown co	0	0	568.64	568.64	50	30	20	5			20		15	7				39	6			1			5	2	100	foraminifer rich	sand [Leg210]	with glauconite [2014]	minor lithology	coarse brown layer
353-U1445A-66X-1-A 77/77-SED	0	0	568.17	568.17	6	40	54	2		1	39		10	2			1		11	1					32	1	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-66X-3-A 30/30-SED-paler	0	0	570.72	570.72	0	60	40	30		3	33		2	1		1			2	7					20	1	100		silt [Leg210]	with biosilica [2014]	minor lithology	paler band
353-U1445A-66X-4-A 35/35-SED	0	0	572.28	572.28	2	58	40	4		2	35		12	3		2			2	2		1			35	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-67X-1-A 81/81-SED	0	0	576.21	576.21	5	55	40	10		3	40		12	1			2		2	2		3			23	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-67X-4-A 53/53-SED	0	0	580.44	580.44	20	40	40	8		2	33		20	2				7	4						20	4	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-67X-6-A 53/53-SED-turbidite	0	0	583.46	583.46	35	50	15	5	1	2	10		12	8			2	25	5	3		5			20	2	100	foraminifer rich	silt [Leg210]	with biosilica [2014]	minor lithology	from turbidite
353-U1445A-68X-2-A 62/62-SED	0	0	587.23	587.23	60	30	10	20		10	10		3	5				50								2	100	foraminifer rich	sand [Leg210]		minor lithology	from turbidite
353-U1445A-68X-4-A 74/74-SED	0	0	590.36	590.36	3	37	60	5		2	42		5	1			3		15			1			25	1	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-69X-1-A 60/60-SED	0	0	595.4	595.4	10	45	45	2		1	48		12	2			1	1	2						30	1	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-69X-4-A 84/84-SED	0	0	600.11	600.11	35	35	30	5		1	20		10					30	15	7					12		100	foraminifer rich	silt [Leg210]		minor lithology	from turbidite
353-U1445A-70X-2-A 7/7-SED	0	0	604.81	604.81	10	45	45	6		1	34		10				1	2	15						30	1	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-70X-6-A 92/92-SED	0	0	611.58	611.58	30	35	35	2			29		30	1			1		7						29	1	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-70X-7-A 85/85-SED	0	0	613.01	613.01	5	55	40	5		2	45		6	2				3	10						25	2	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	minor lithology	from turbidite
353-U1445A-71X-3-A 91/91-SED	0	0	618.11	618.11	20	35	45	2			33		8	1			3		10			25			15	3	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-71X-6-A 93/93-SED	0	0	622.64	622.64	10	50	40	2		1	30		10	2					12			10			30	3	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445A-72X-1-A 53/53-SED	0	0	624.43	624.43	20	40	40	2			38		12	1			2	2	10			5			25	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-72X-5-A 22/22-SED	0	0	629.59	629.59	5	45	50	1			49		10				1	3							35	1	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-73X-2-A 83/83-SED	0	0	632.73	632.73	25	35	40	3		2	24		20				4	2	15			10			20		100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-73X-5-A 80/80-SED	0	0	637.1	637.1	5	45	50	1			47		10	1			3	2	5	2		2			25	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-74X-2-A 68/68-SED	0	0	642.22	642.22	4	56	40	5			30		12				2	3	10	1		3			30	4	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-74X-6-A 91/91-SED	0	0	648.07	648.07	3	52	45	8		1	44		10	6			1		3			5			20	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-75X-1-A 93/93-SED	0	0	650.73	650.73	4	40	56	1		2	45		13	1		1		1	3		1	1			30	1	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-75X-5-A 68/68-SED	0	0	656.32	656.32	3	47	50	2		3	39		12	1		2	1	1	4	1	1		1		30	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-75X-6-A 40/40-SED	0	0	657.55	657.55	45	50	5	18	5	5	6		28			2		18	1			1	1		15		100	glauconite rich	sand [Leg210]	with foraminifers [2014]	minor lithology	turbidite
353-U1445A-76X-1-A 74/74-SED	0	0	660.24	660.24	4	40	56	2		2	41		10	2			1		5	1	1	1			32	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-76X-4-A 33/33-SED-turbidite	0	0	664.26	664.26	50	40	10	8			5		15					55	2		1				14		100	foraminifer rich	sand [Leg210]	with glauconite [2014]	minor lithology	turbidite
353-U1445A-76X-4-A 89/89-SED	0	0	664.82	664.82	2	50	48	2		2	35		14	2		1	1	1	2	1	1	3			35		100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445A-77X-CC-A 17/17-SED-sandy	0	0	667.37	667.37	55	43	2	49	8	10			6	3		2		5	1	5					10		100		sand [Leg210]		minor lithology	turbidite
353-U1445A-77X-CC-A 9/9-SED	0	0	667.29	667.29	1	25	74	12	2	4	41		4	3		1	10		5	3					15		100		clay [Leg210]	with biosilica [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 biosiliceous fossil fragments [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment
353-U1445B-1H-1-A 19/19-SED-brown	0	0	0.19	0.19	1	5	94	2		1	67		1			7		1	5		1	2		1	10	2	100		clay [Leg210]	with biosilica [2014]	minor lithology	brown oxidised layer at top of core 1H
353-U1445B-1H-3-A 89/89-SED	0	0	3.89	3.89	7	30	63	6	1	5	29					2		12	25	10					5	5	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1445B-1H-CC-A 3/3-SED-pale brown	0	0	4.41	4.41	89	10	1	8	2				2					20		68							100	peloidal	sand [Leg210]	with foraminifers [2014]		turbidite
353-U1445B-2H-2-A 42/42-SED-turb	0	0	6.42	6.42	60	25	15	15	2				3	3				58	6	8		1			4		100	foraminifer rich	sand [Leg210]		minor lithology	turbidite
353-U1445B-2H-3-A 49/49-SED	0	0	7.99	7.99				5		2	32			2		2		10	18	2	2	5	1	1	15	3	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	major lithology	and with foraminifera
353-U1445B-2H-6-A 45/45-SED-ash	0	0	12.45	12.45	70	28	2	5		5					90												100		volcanic ash [MMK88]		minor lithology	
353-U1445B-3H-2-A 90/90-SED	0	0	16.4	16.4				6		2	47			4				2	12	3	1	2		1	17	3	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445B-3H-4-A 90/90-SED-dark	0	0	19.4	19.4	1	30	69	4			52			5		5	2	1	10	1		1			15	4	100		clay [Leg210]	with biosilica [2014]	minor lithology	dark layer ~30cm thick
353-U1445B-3H-7-A 75/75-SED-pale peloid	0	0	23.05	23.05	40	40	20	10	1	1				4				5	4	66					5	4	100	peloidal	silt [Leg210]		minor lithology	turbidite
353-U1445B-4H-2-A 42/42-SED-pale	0	0	25.44	25.44	25	65	10	4			6		3	1				6	5	69		1			5		100	peloidal	silt [Leg210]			
353-U1445B-4H-3-A 70/70-SED	0	0	27.25	27.25	5	35	60	3		2	49		2	1		2	1	5	6	1	1	1	1		19	6	100		clay [Leg210]	with biosilica [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 biosiliceous fossil fragments [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment
353-U1445C-1H-1-A 26/26-SED-brown	0	0	0.26	0.26	1	5	94	3		1	63					8			5		1	2	1		14	2	100		clay [Leg210]	with biosilica [2014]	minor lithology	brown oxidised layer at the top of core 1H
353-U1445C-1H-3-A 116/116-SED	0	0	4.16	4.16	6	30	64	5		5	20		2			2	2	16	24	8		1		1	11	3	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1445C-2H-3-A 56/56-SED	0	0	7.96	7.96	1	25	74	5		3	25			3			1	15	20	15		1			8	4	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445C-3H-2-A 59/59-SED	0	0	14.49	14.49	2	20	78	5		3	64		2	3		2		2	7		1				5	6	100		clay [Leg210]		major lithology	
353-U1445C-3H-6-A 34/34-SED	0	0	20.24	20.24	1	40	59	4		2	68			2		1		1	5	5	1	1		1	7	2	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-4H-1-A 73/73-SED-lighter	0	0	22.63	22.63	10	45	45	2		1	36				1			5	10	20		3			20	2	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-4H-3-A 85/85-SED-pale	0	0	25.75	25.75	30	68	2	3					2	2			2	8	5	77						1	100	Peloidal	silt [Leg210]		minor lithology	
353-U1445C-4H-4-A 82/82-SED	0	0	27.22	27.22	5	40	60	3		2	56			2				2	6			5			20	4	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445C-5H-1-A 82/82-SED	0	0	32.22	32.22	1	24	75	1		1	69			3			2	1	7			1			15		100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-5H-5-A 140/140-SED	0	0	38.8	38.8	5	40	55	7		3	34			2			1	12	20			4		1	15	1	100		clay [Leg210]	with nannofossils [2014]	major lithology	with nannofossils, biosilica, and silt
353-U1445C-6H-4-A 50/50-SED	0	0	45.79	45.79	15	25	60	3			40			1				7	18	2		2			24	3	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1445C-7H-5-A 52/52-SED	0	0	55.35	55.35	2	38	60	2			57			2			1	3	5						25	5	100	biosilica rich	clay [Leg210]		major lithology	
353-U1445C-8H-5-A 69/69-SED	0	0	66.43	66.43	3	37	60	5		2	54			1			1	4	5			2			22	4	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-9H-5-A 75/75-SED	0	0	76.08	76.08	5	30	65	5		1	56			2				8	10						15	3	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-10H-2-A 25/25-SED	0	0	80.65	80.65	3	35	62	6		2	15		4	1		1		1	30	25	1	2			11	1	100	nannofossil rich	clay [Leg210]	with peloids	minor lithology	soupy hydrate layer
353-U1445C-10H-4-A 73/73-SED	0	0	83.23	83.23	1	15	84	10		2	59		1	2		1		1	8	1					12	3	100		clay [Leg210]	with biosilica [2014]	major lithology	and nannofossils
353-U1445C-10H-6-A 113/113-SED	0	0	86.47	86.47	40	45	10	5	1		10			11	1			30	20	10					10	2	100	foraminifer rich	sand [Leg210]	with nannofossils [2014]	minor lithology	turbidite
353-U1445C-11H-2-A 92/92-SED-turbidite	0	0	90.74	90.74	50	40	10	43		7	5		3	8				20	4	5					5		100		sand [Leg210]	with foraminifers [2014]	minor lithology	quartz turbidite
353-U1445C-11H-4-A 64/64-SED	0	0	92.86	92.86	1	15	84	3		1	58		1	1		1		2	15	3	1				12	2	100		clay [Leg210]	with nannofossils [2014]	major lithology	and biosilica
353-U1445C-12H-1-A 32/32-SED-soupy	0	0	98.22	98.22	2	88	10	4			10			1			72	1		10						2	100		calcareous ooze [Leg339]	with clay [2014]	minor lithology	with peloids too
353-U1445C-12H-2-A 63/63-SED	0	0	99.94	99.94	3	40	57	4		1	53		1	4		2	1	1	10	4		1			14	4	100		clay [Leg210]	with biosilica [2014]	major lithology	and nannofossils
353-U1445C-13H-4-A 70/70-SED	0	0	112.26	112.26	1	15	84	2			70		1	1				1	8			1			14	2	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-13H-7-A 44/44-SED	0	0	116.21	116.21	1	20	79	3			71			2			1	1	3	2					15	2	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-14H-1-A 91/91-SED	0	0	117.81	117.81	0	15	85	4		2	63			2		1		1	1	2		1		1	19	3	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-14H-4-A 48/48-SED	0	0	121.78	121.78	3	20	77	4	1	3	65		3	2		1		1			1	1			14	4	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-15H-3-A 50/50-SED	0	0	129.81	129.81	5	40	55	5	1	3	55			2			1	3	2			3			20	5	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-15H-6-A 48/48-SED	0	0	134.25	134.25	7	38	55	7	1	2	54			3			5		2			3			20	3	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-16H-4-A 52/52-SED	0	0	140.26	140.26	15	45	40	10		2	39		5	1			3		2			25	2	1	7	3	100	biosilica rich	clay [Leg210]	with silt [2014]	major lithology	
353-U1445C-16H-9-A 55/55-SED	0	0	145.14	145.14	30	50	20	12	2	4	20		20	2			2	15	3						15	5	100		silt [Leg210]	with foraminifers [2014]	minor lithology	from mousselike/soupy interval
353-U1445C-17H-5-A 73/73-SED	0	0	151.97	151.97	15	55	30	20		5	26		3	5			1	12	7			3			15	3	100	silty [Leg339]	clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-18H-6-A 63/63-SED	0	0	162.84	162.84																								diatom rich				
353-U1445C-18H-6-A 63/63-SED	0	0	162.84	162.84				4		1	36		7	5					3			30	1		8	5	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-19H-5-A 83/83-SED	0	0	171.04	171.04				4	1	2	47		10	3			1	1	2			6			20	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-20H-5-A 68/68-SED	0	0	178.24	178.24	15	45	40	2		1	40		12	2			1	2	2	1		15			20	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-20H-8-A 28/28-SED	0	0	181.77	181.77	5	94	1	58	5	15	1	3		8								10					100		silt [Leg210]			from thick lamina of white silt, with cold spot anomaly. many diatoms filled with pyrite.
353-U1445C-21H-5-A 58/58-SED	0	0	188.78	188.78	20	40	40	2		1	38		8	2			1	2	2		1	30	1	2	7	3	100	diatom rich	clay [Leg210]		major lithology	
353-U1445C-22H-4-A 73/73-SED	0	0	196.91	196.91	20	40	40	4		2	39		10	5			4		1			25			7	3	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-23H-4-A 83/83-SED	0	0	206.2	206.2	5	50	45	1		1	43		12	3			2	5	4		1	3		1	20	4	100	biosilica rich	clay [Leg210]	with glauconite [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 biosiliceous fossil fragments [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment
353-U1445C-23H-5-A 66/72-SED	0	6	207.04	207.1	5	50	45	1		1	43		12				2	5	4		1	3		1	20	4	97	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-23H-5-A 66/72-SED	0	6	207.04	207.1	85	5	5	55	8	15	5	6	8	3													100		sand [Leg210]		minor lithology	from gas hydrate interval. well-sorted sand
353-U1445C-24H-2-A 141/141-SED	0	0	212.8	212.8	20	45	35	3		1	32		18	2			1	3	2	1		25		1	8	3	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-25X-5-A 100/100-SED	0	0	224.45	224.45	1	15	84	5		1	49		10	2				1	2	2	1	1			23	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-25X-5-A 124/124-SED	0	0	224.69	224.69	25	35	40	6		3	34		25	2			1	10	1	3		2			20	3	110		clay [Leg210]	with biosilica [2014]	minor lithology	from mousselike layer with cold anomaly
353-U1445C-26X-3-A 59/59-SED	0	0	230.79	230.79	2	40	58	4		1	34		18	3			2	1	1	2	1	20			10	3	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-27X-3-A 50/50-SED	0	0	236.48	236.48	1	40	59	3		1	50		15	1			1		1	1		15			10	2	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-28X-5-A 49/49-SED	0	0	244.03	244.03	2	40	58	4		3	31		20	1		2		2	1	3		2			28	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-29X-3-A 58/58-SED	0	0	250.4	250.4	10	35	55	2		1	42		25	2				1			1	3			20	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-30X-3-A 64/64-SED	0	0	255.18	255.18	4	35	61	3	1		42		25	2							1	3			20	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	low biosilica
353-U1445C-30X-5-A 17/17-SED-turb	0	0	257.72	257.72	50	40	10	13	2		5	1	15	8				48	2			1	1		3		100	foraminifer rich	sand [Leg210]		minor lithology	turbidite
353-U1445C-31X-3-A 75/75-SED	0	0	263.69	263.69	2			3		2	57		15	1		1	1			2	1	4			10	3	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1445C-32X-4-A 57/57-SED	0	0	271.87	271.87	6	74	20	3			29		25	2			4	2			1	15		1	15	3	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-32X-6-A 122/122-SED	0	0	275.43	275.43	8	52	40	3		2	44		18	2			1	1		1		1			24	3	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-33X-3-A 38/38-SED	0	0	279.58	279.58	20	50	30	2		1	29		20	1				3	2		2	15		1	20	4	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-33X-4-A 67/67-SED	0	0	281.15	281.15	10	60	30	2			30		10	5			1	1	1			25	1	1	20	3	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-34X-3-A 61/61-SED	0	0	284.12	284.12	10	50	40	2		1	39		8	4			1				1	15			25	4	100	biosilica rich	clay [Leg210]		major lithology	
353-U1445C-35X-5-A 14/14-SED	0	0	294.12	294.12	10	45	45	2		1	47		15	1			2	1				12			15	4	100	biosilica rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-36X-3-A 98/98-SED	0	0	300.88	300.88	20	45	35	3		1	32		15	2			2	2				25		1	15	2	100	diatom rich	clay [Leg210]	with glauconite [2014]	major lithology	
353-U1445C-36X-4-A 76/76-SED	0	0	301.67	301.67	10	70	20	1		2	18		9	1			50					10			7	2	100				minor lithology	authigenic carbonate band