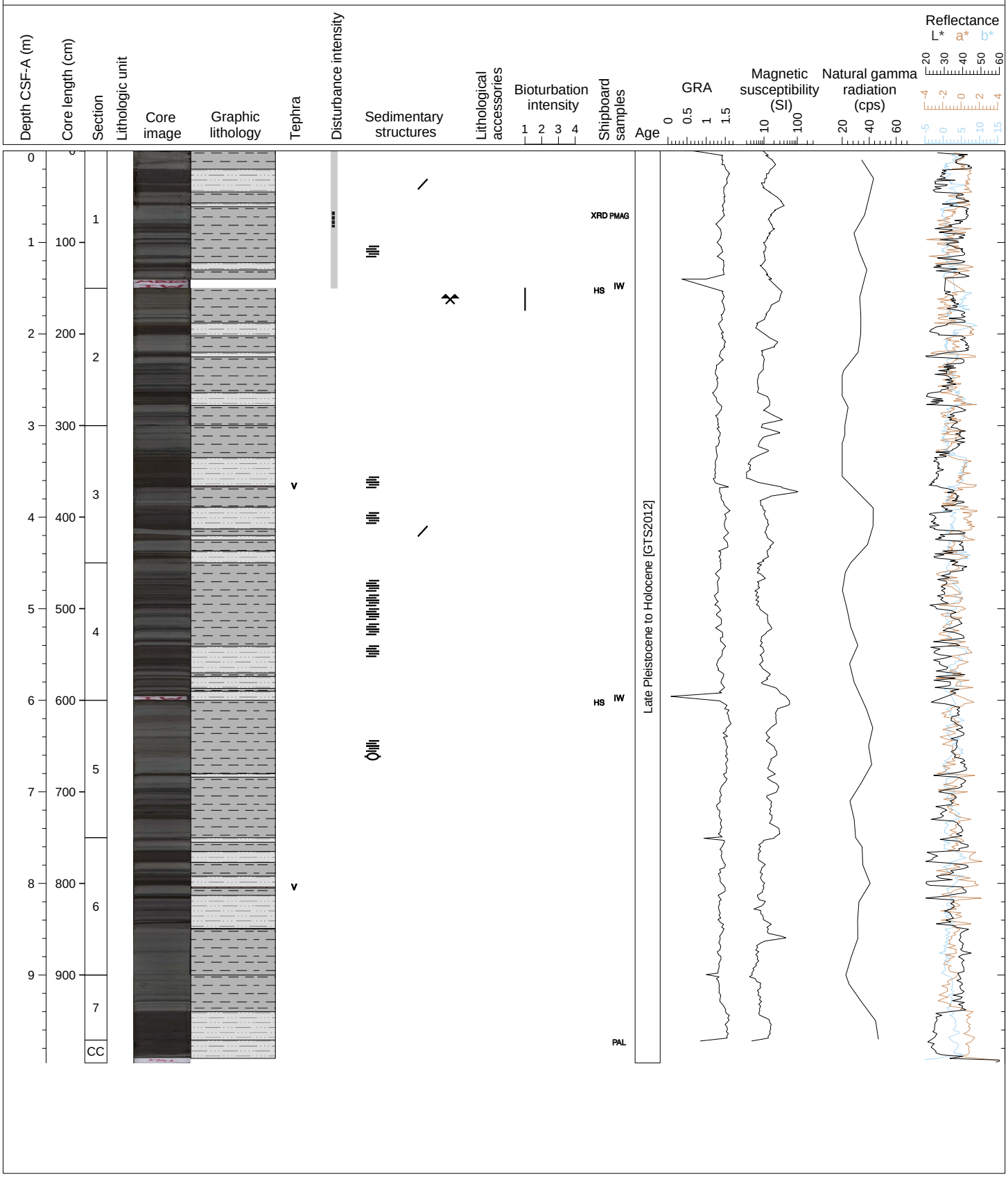
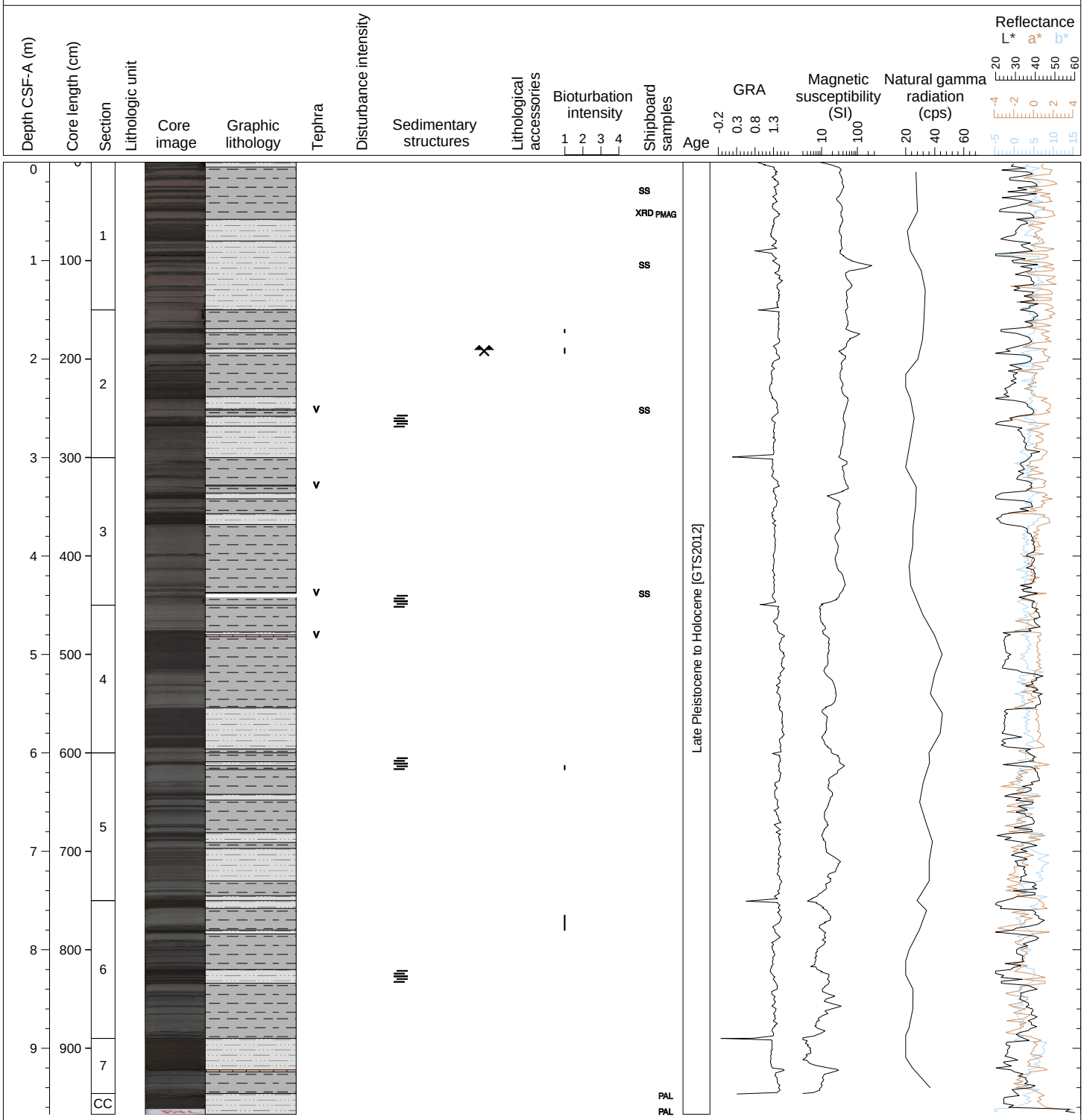
Hole 346-U1422A Core 1H, Interval 0.0-9.96 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with multiple TEPHRA layers (vitric type, pale brown to light gray) and presence of parallel laminations and color banding. Minor sandy layers with foraminifers present. Woody macrofossil present at ~4.9 m (CSF-A).



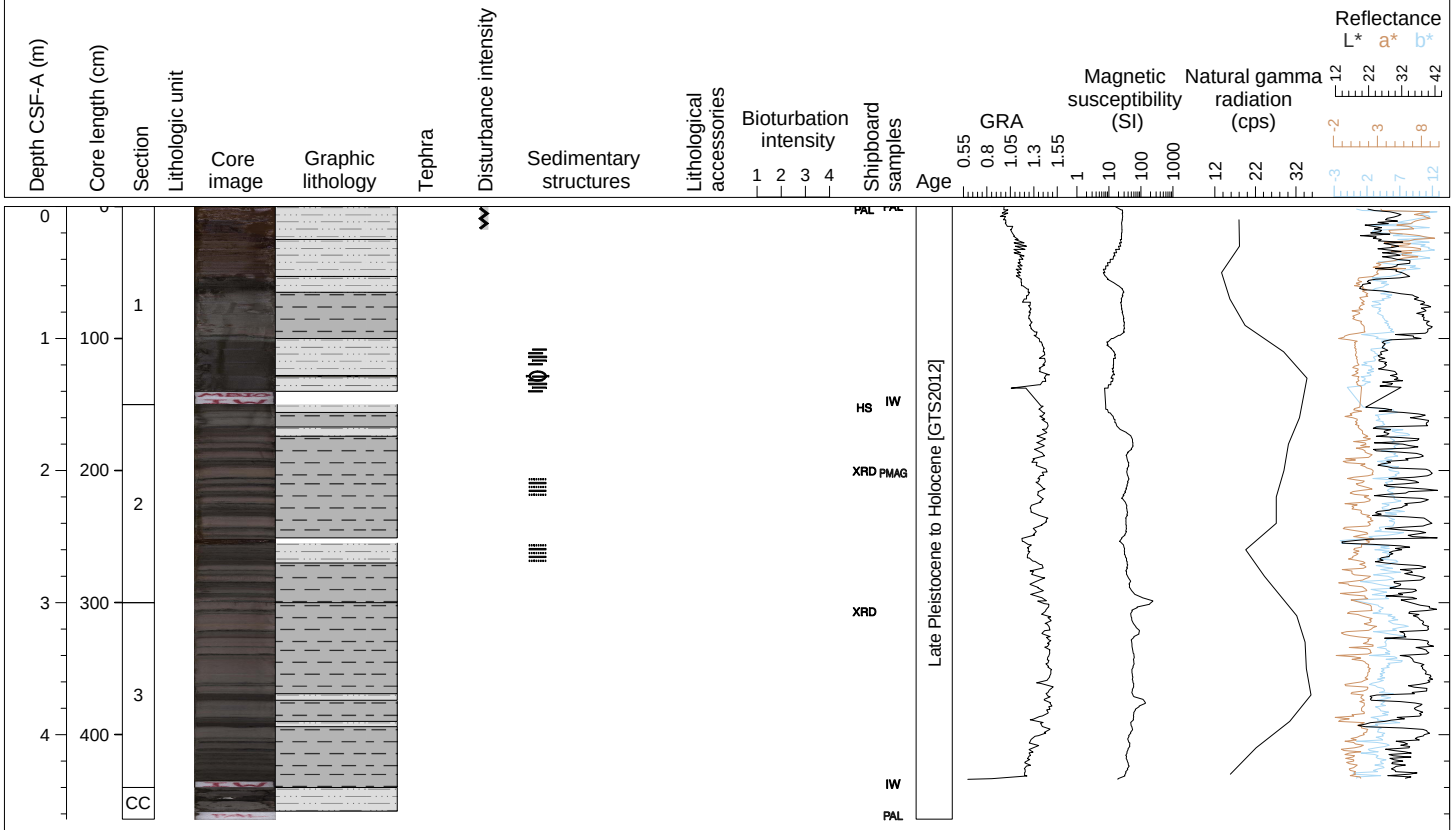
Hole 346-U1422B Core 1H, Interval 0.0-9.67 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with a number of thin TEPHRA layers (vitric type). Some intervals show parallel laminations.



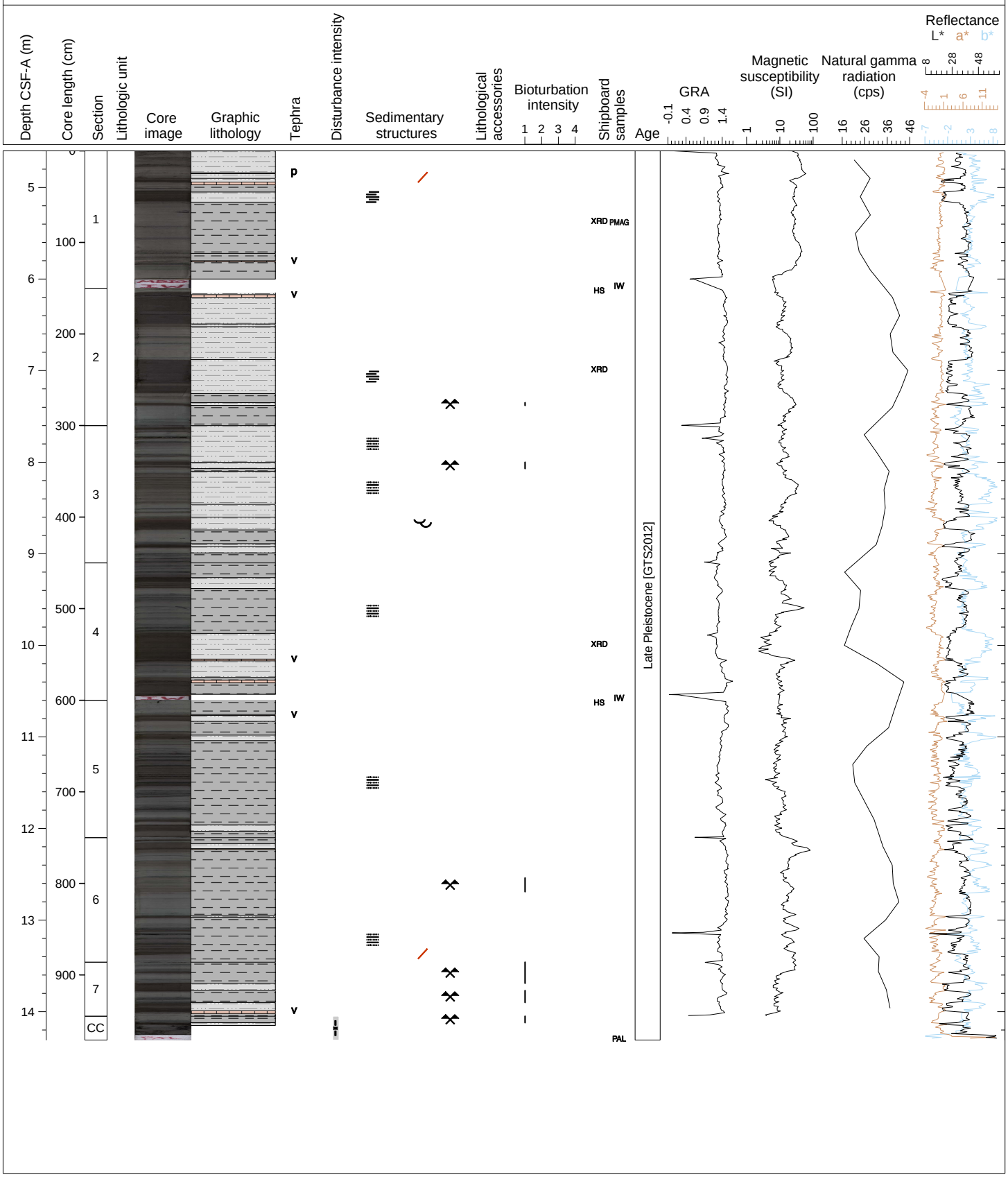
Hole 346-U1422C Core 1H, Interval 0.0-4.64 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with parallel laminations and color banding (dark gray to greenish gray) present throughout. The top 25 cm is well oxidized and reddish-brown in color. A lens of foraminifer-rich sand occurs at 128 cm in Section 1 and a clast (> 2 mm) occurs at 94 cm in Section 3. Moderate soupy drilling disturbance occurs in the top 18 cm of core. A void is present between 101 and 105 cm in Section 2.



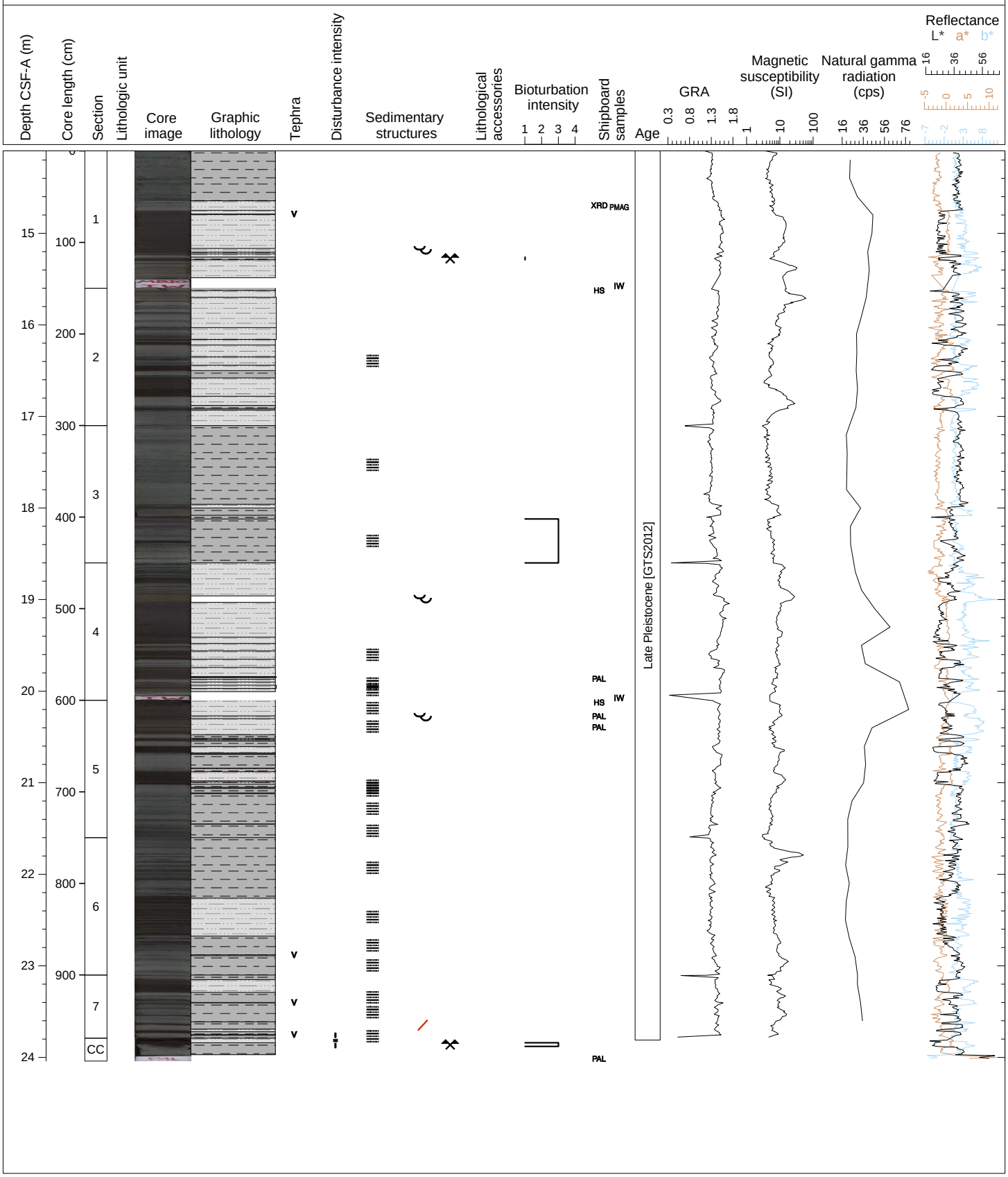
Hole 346-U1422C Core 2H, Interval 4.6-14.31 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with a number of TEPHRA layers (vitric and pumiceous type). Parallel laminations and color banding (dark gray to greenish gray) present throughout with some evidence of slight bioturbation. Clasts (> 2 mm) occur at a number of depths. Moderate drilling disturbance occurs with two voids that may represent washed out tephra layers.



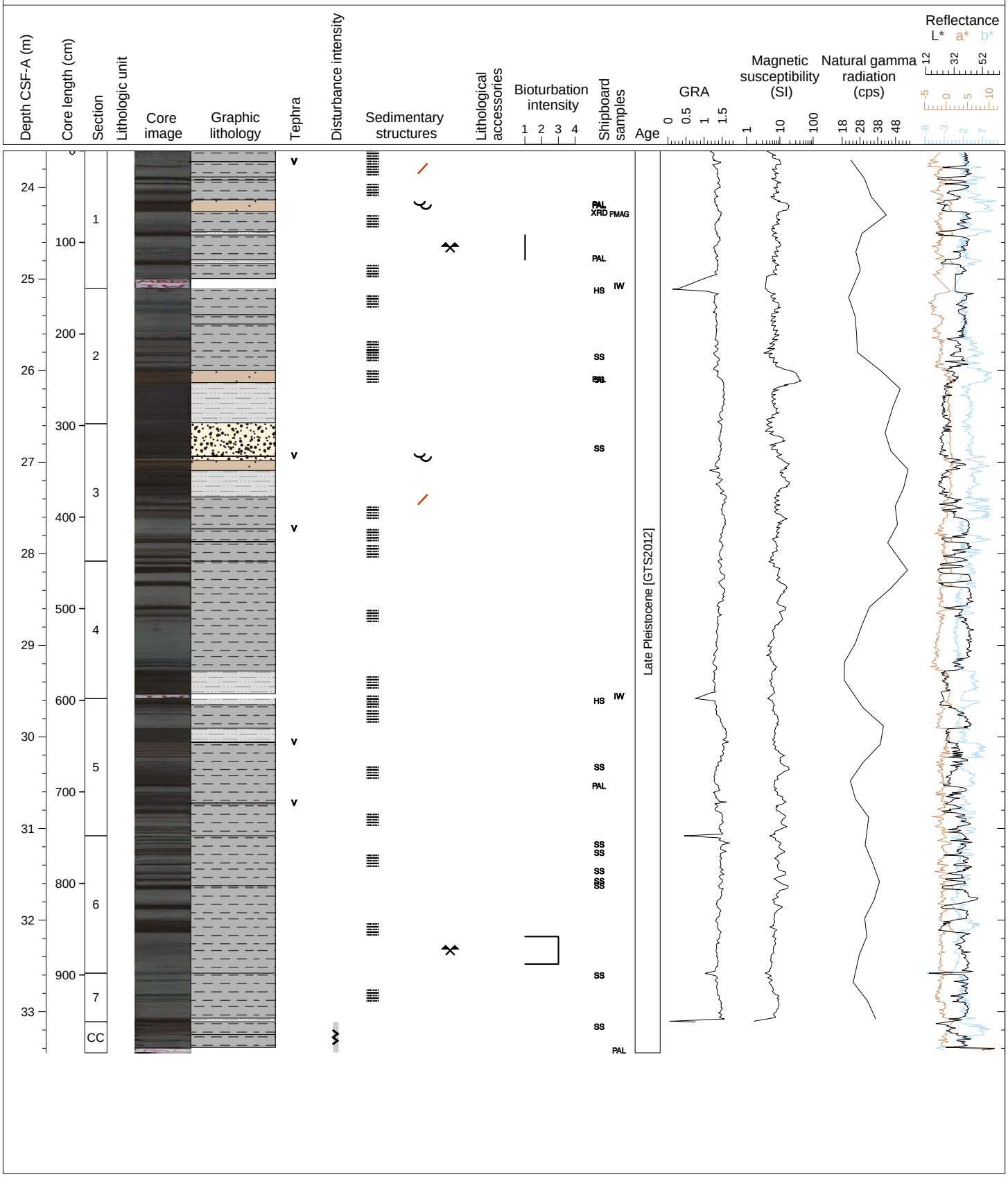
Hole 346-U1422C Core 3H, Interval 14.1-24.04 m (CSF-A)

CLAY (light gray) and SILTY CLAY (olive gray to dark olive gray) with regular color banding throughout (light gray to dark olive gray). Numerous TEPHRA layers (vitric type) and some laminated intervals, although much of the core shows evidence of slight to heavy bioturbation. Pyrite nodules are present at several levels and thin intervals of a coarser foraminiferal ooze are centered at 125 and 137 cm in Section 4. Moderate drilling disturbance in the top 5 cm of the core.



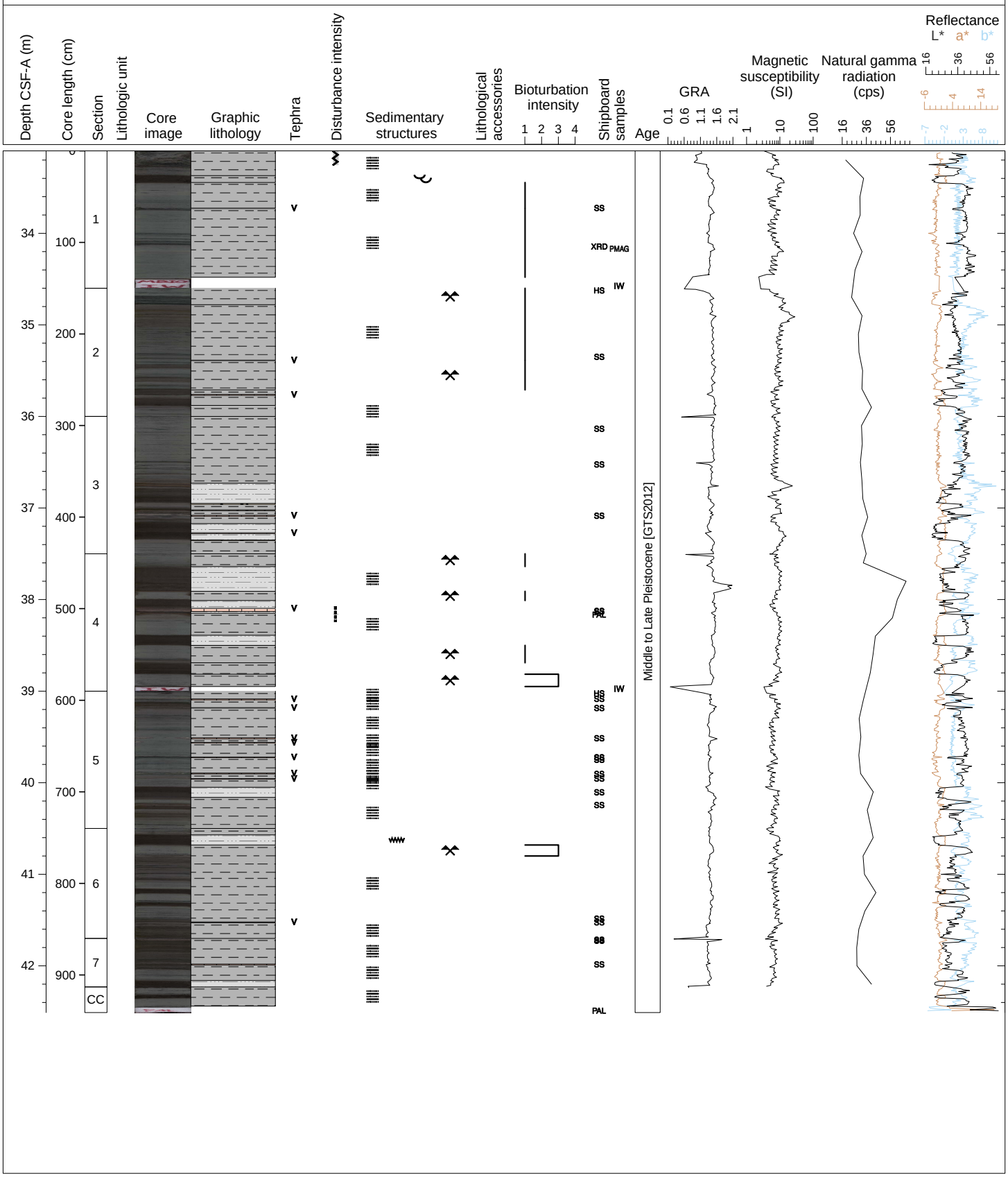
Hole 346-U1422C Core 4H, Interval 23.6-33.45 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with some foraminifera-bearing SANDY SILT (dark brown) layers. TEPHRA (vitic type) layers present throughout, with color banding (light gray to greenish gray) and some lamination of the sediment. Clast (>2 mm) present in Section 4.



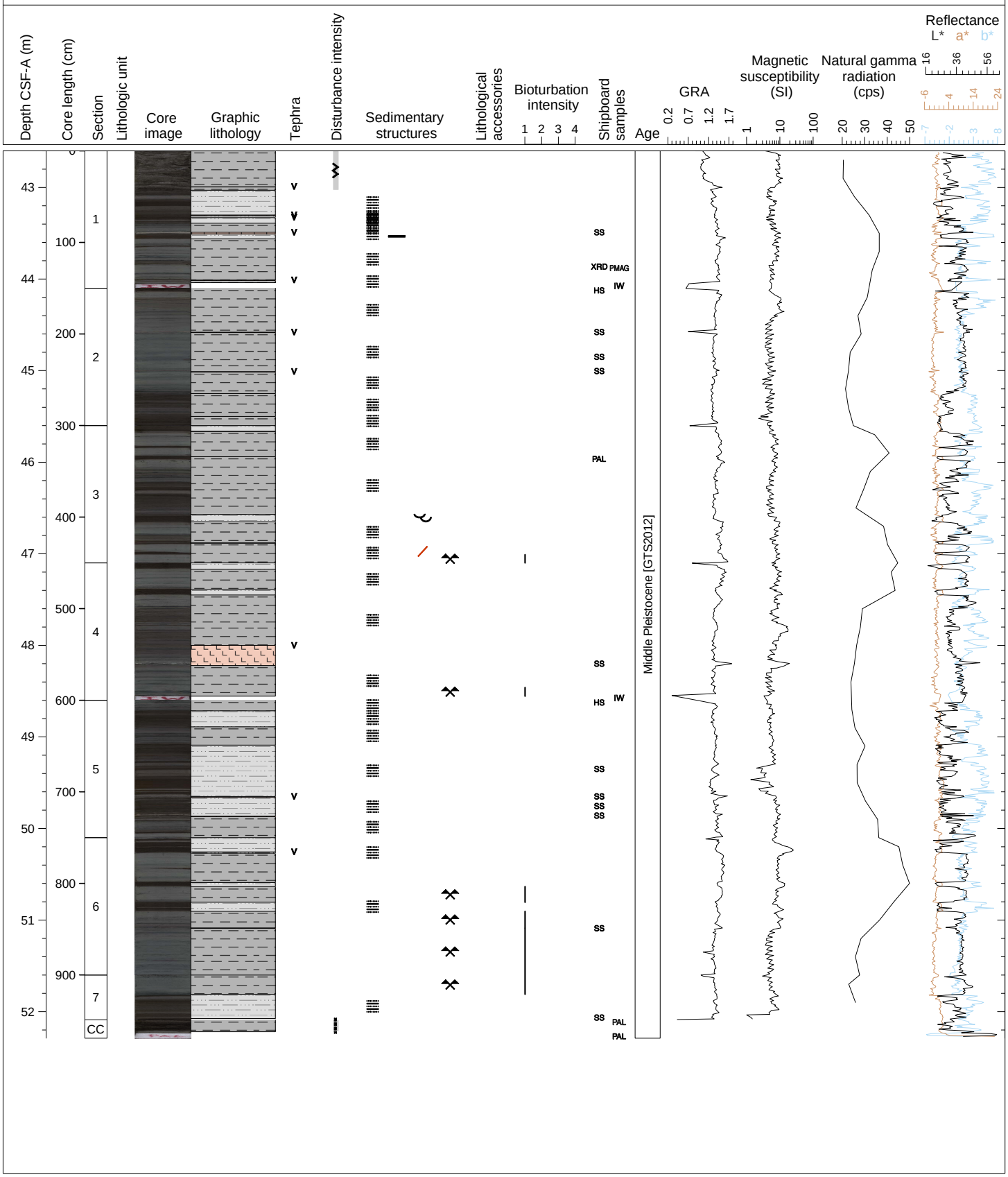
Hole 346-U1422C Core 5H, Interval 33.1-42.51 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with numerous TEPHRA (vitric type) layers. Color banding (light greenish gray to greenish gray) throughout the core, but also some slight to heavy bioturbation. Moderate drilling disturbance in the top 16 cm of the core.



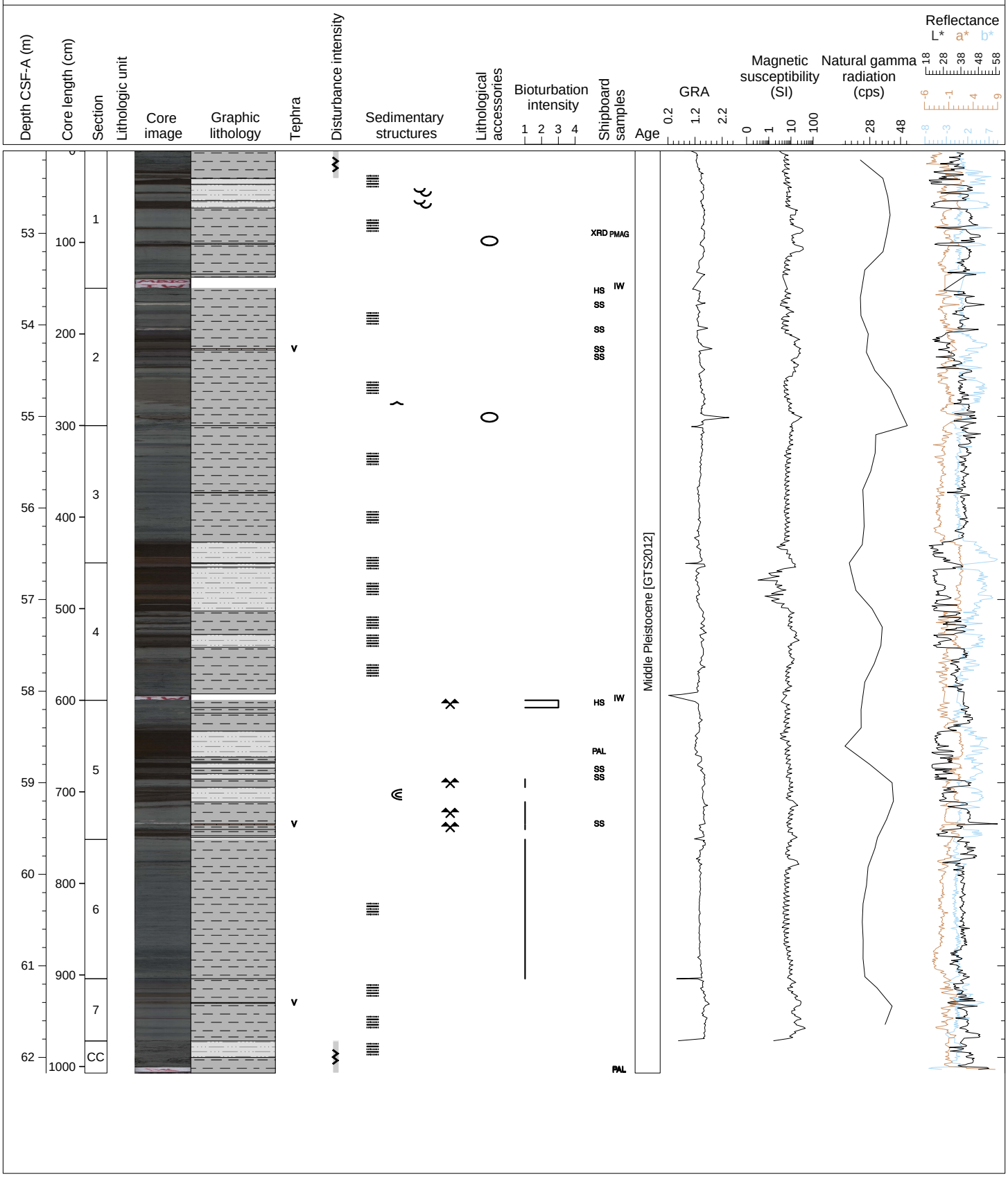
Hole 346-U1422C Core 6H, Interval 42.6-52.29 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with color banding (greenish gray) throughout. Numerous TEPHRA (vitric type) layers and a foraminifer-bearing SANDY SILT (dark grayish brown) and SANDY CLAY layers are found in Section 3. A small fault or offset also occurs in Section 3, 36-39 cm. Some slight bioturbation and a single pyritized layer. High drilling disturbance in the top 43 cm of the core.



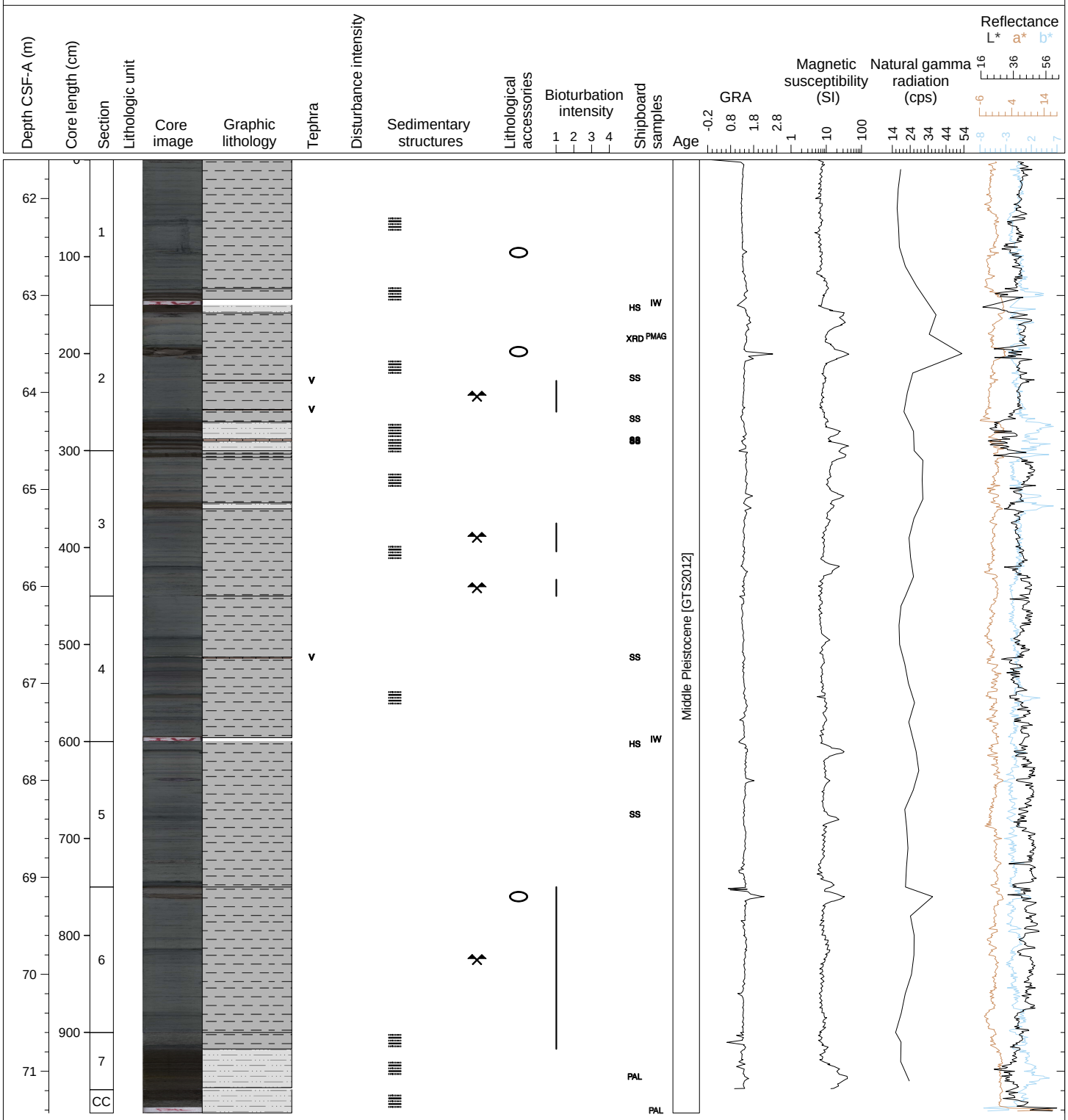
Hole 346-U1422C Core 7H, Interval 52.1-62.17 m (CSF-A)

CLAY (light gray) and SILTY CLAY (olive gray to dark olive gray) and DIATOMACEOUS SILTY CLAY (yellow brown to dark brown). Regular color banding throughout (light gray to dark olive gray). TEPHRA bearing SILTY CLAY interspersed with TEPHRA layers (vitric type). Pyritic layers present in Sections 1, 2 and 3 with carbonate nodules present at 98 cm in Section 1 and 140 cm in Section 2. High microfault drilling disturbance in the top 30 cm of the core.



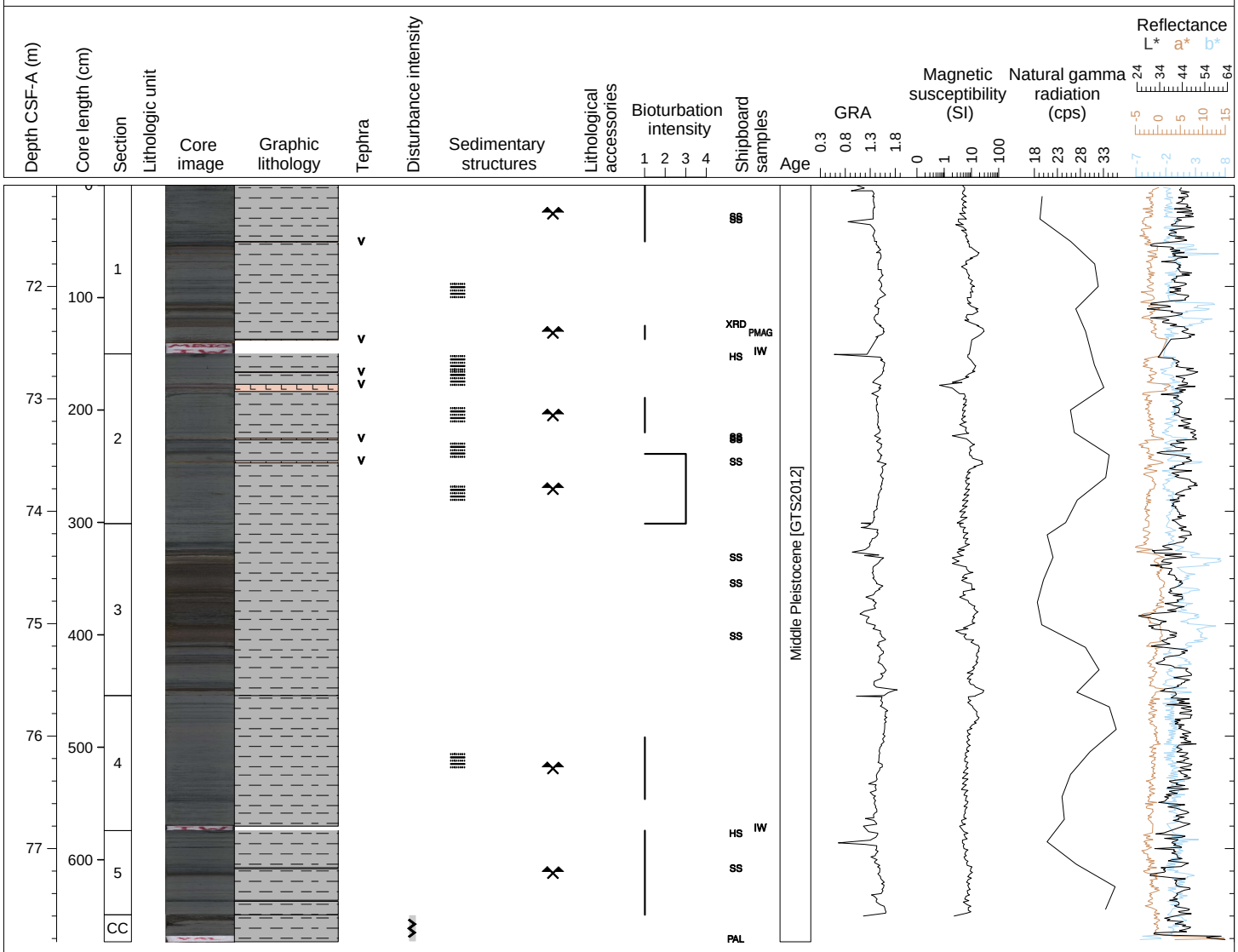
Hole 346-U1422C Core 8H, Interval 61.6-71.43 m (CSF-A)

CLAY (light gray) and SILTY CLAY (olive gray to dark olive gray). Largely homogenous with occasional color banding (light gray to dark olive gray). A number of TEPHRA layers (vitric type) and pyrite layers/nodules are observed. Some evidence of scattered slight bioturbation.



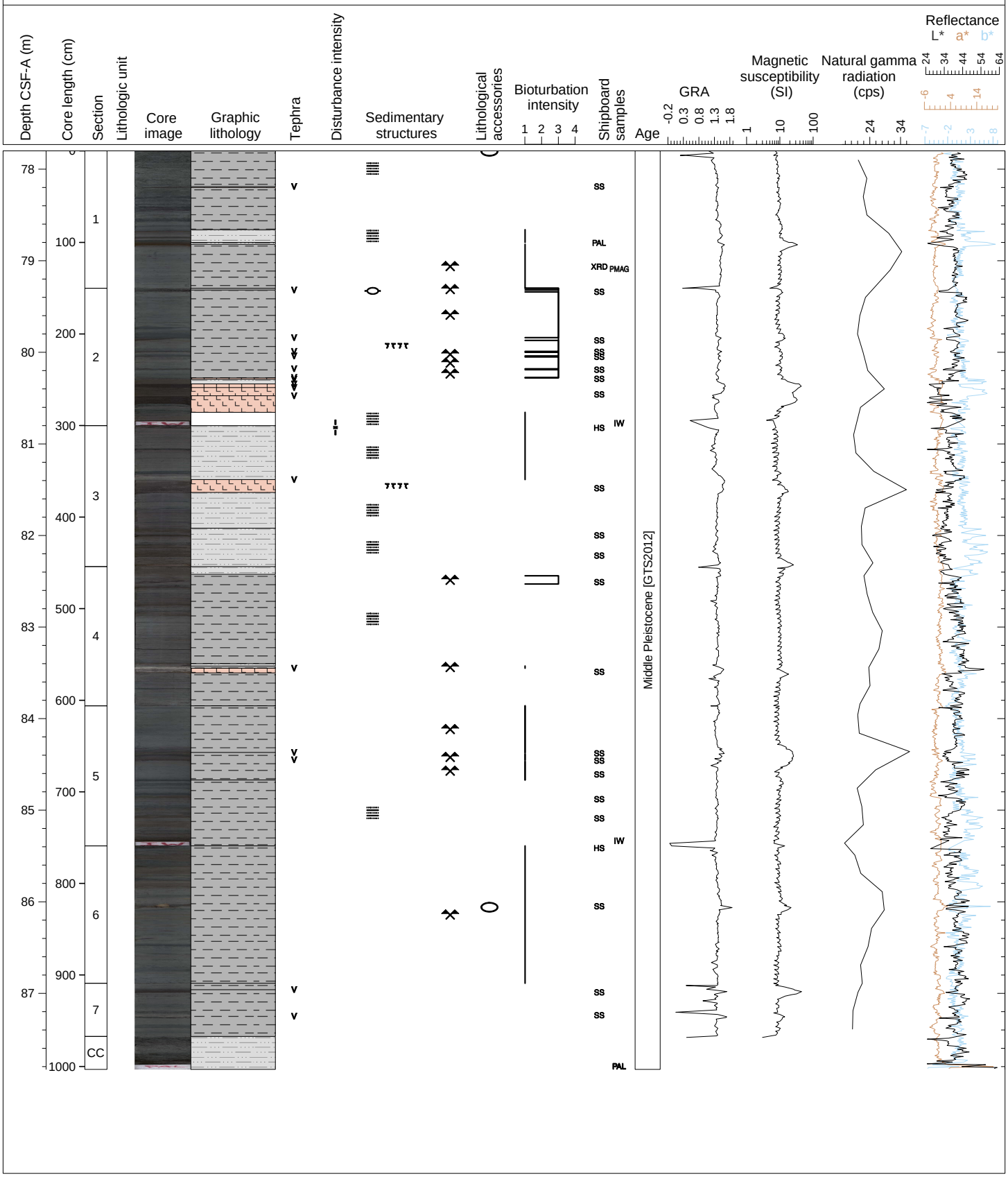
Hole 346-U1422C Core 9H, Interval 71.1-77.83 m (CSF-A)

CLAY (light gray) with some tephra bearing CLAY layers with regular color banding throughout (light gray to dark olive gray). A few discrete TEPHRA layers (vitric type) and some slight bioturbation and pyrite nodules. Moderate drilling disturbance in the top 24 cm of the core.



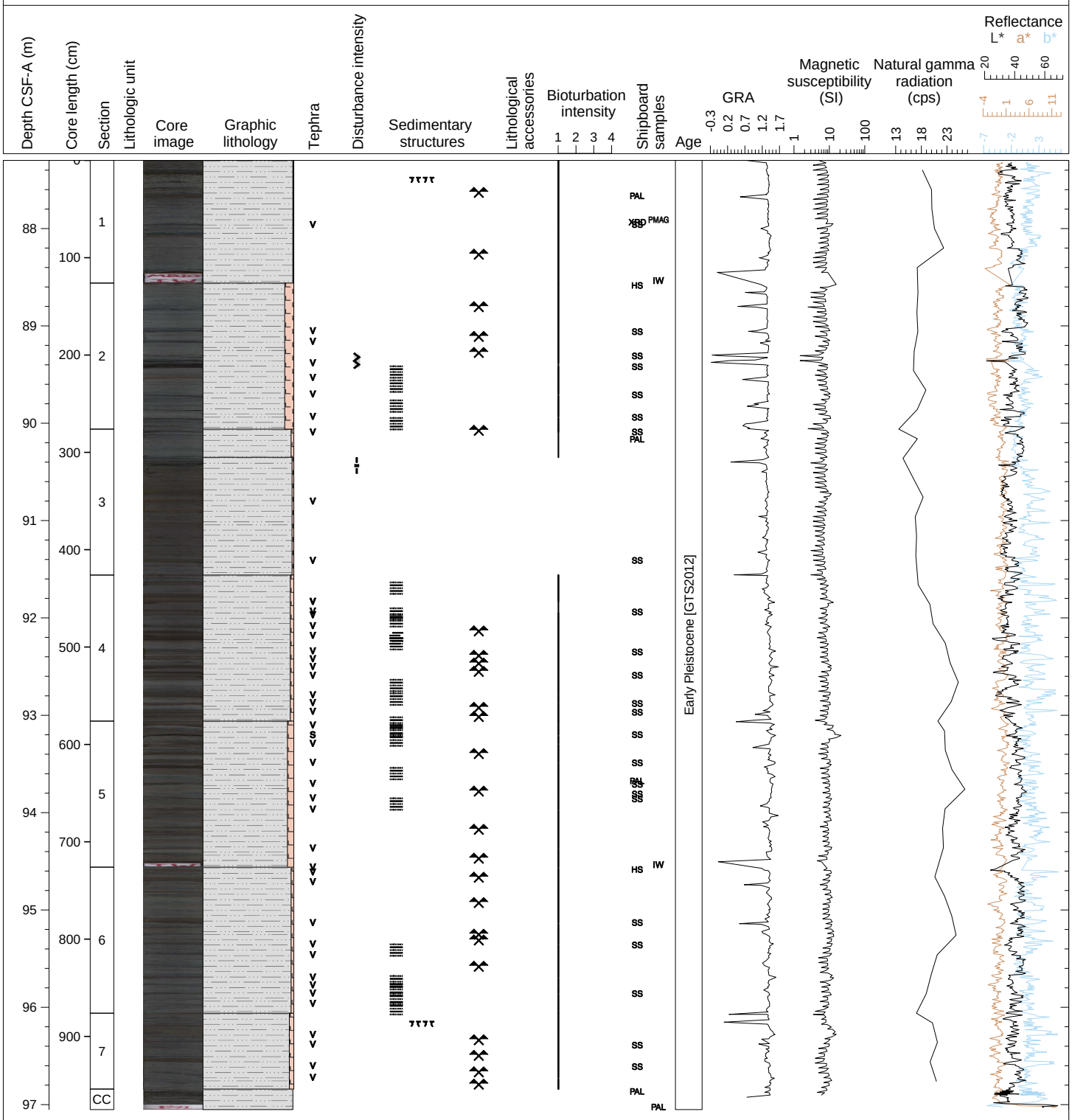
Hole 346-U1422C Core 10H, Interval 77.8-87.83 m (CSF-A)

CLAY (light gray) and SILTY CLAY (olive gray to dark olive gray) with irregular color banding throughout (light gray to dark olive gray). Slight to heavy bioturbation and a number of TEPHRA layers (vitric type). Moderate drilling disturbance in the top 5 cm of the core.



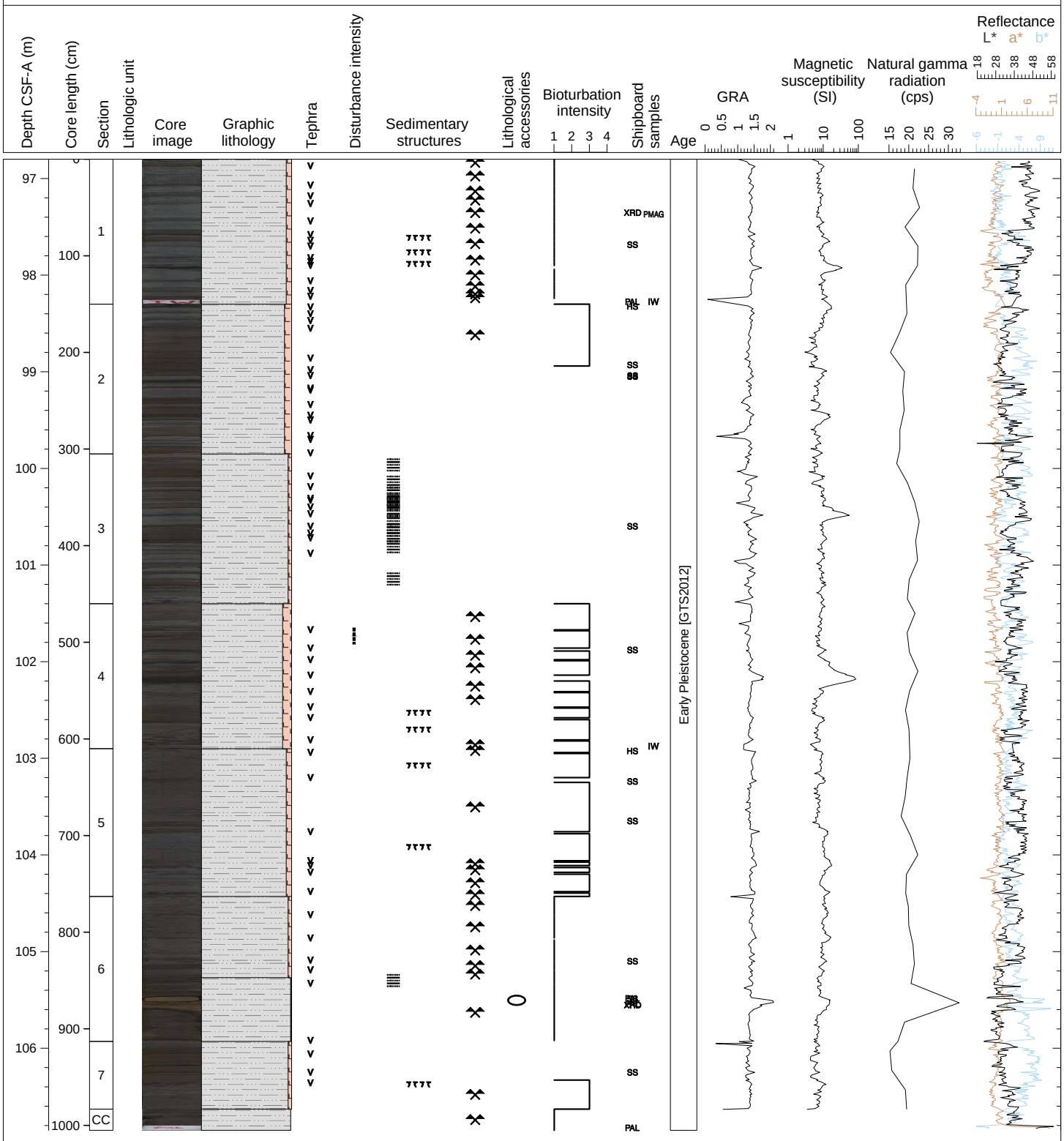
Hole 346-U1422C Core 11H, Interval 87.3-97.05 m (CSF-A)

DIATOM-RICH SILTY CLAY (grayish green and gray) with minor lithology of SILTY SAND occurring throughout in mm to cm thick horizons. Sediment appears generally mottled due to heavy bioturbation.



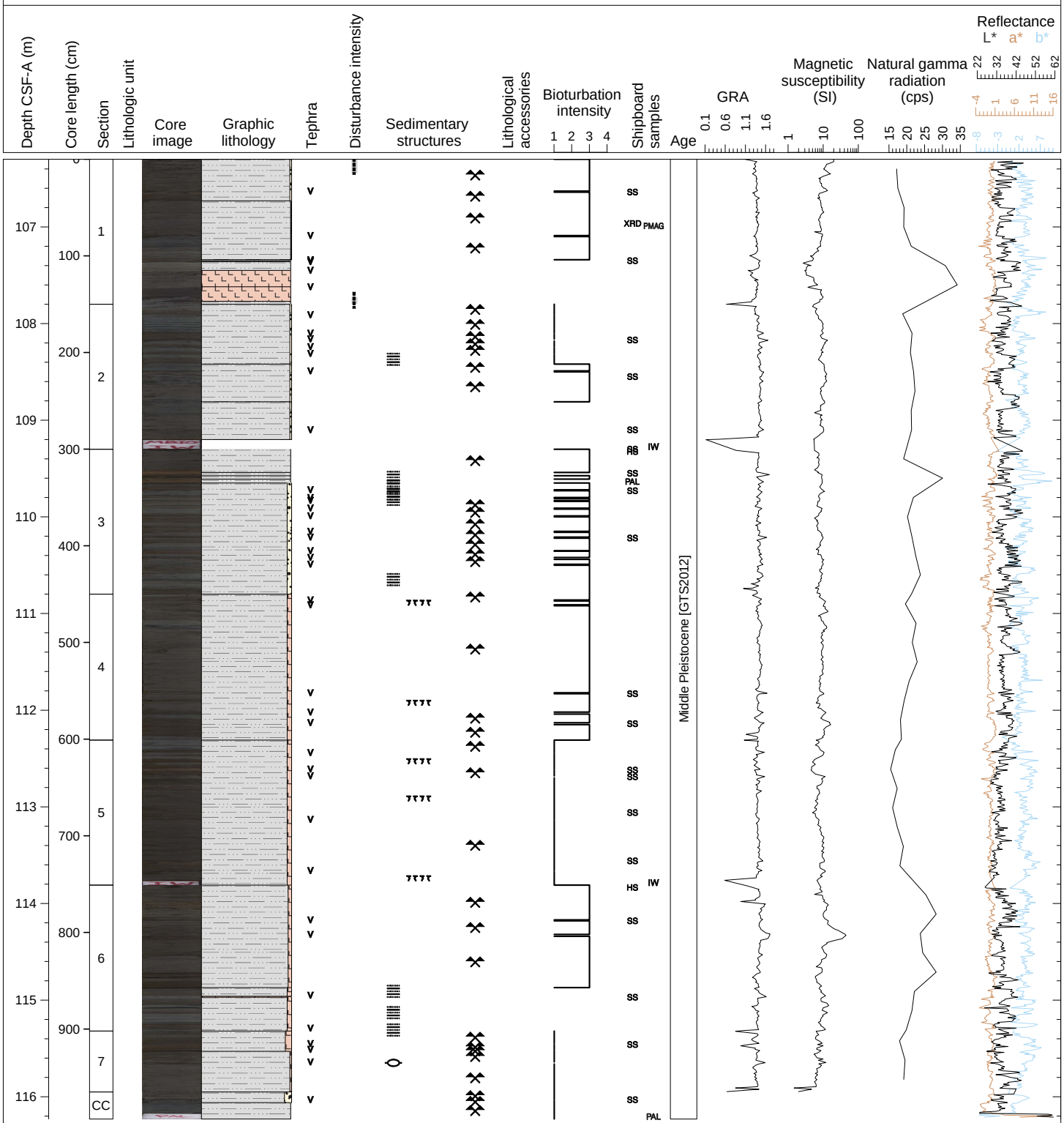
Hole 346-U1422C Core 12H, Interval 96.8-106.85 m (CSF-A)

DIATOM-RICH SILTY CLAY (grayish green and gray) with minor lithology of SILTY SAND occurring throughout in mm to cm thick horizons. Sediment appears generally mottled due to heavy bioturbation.



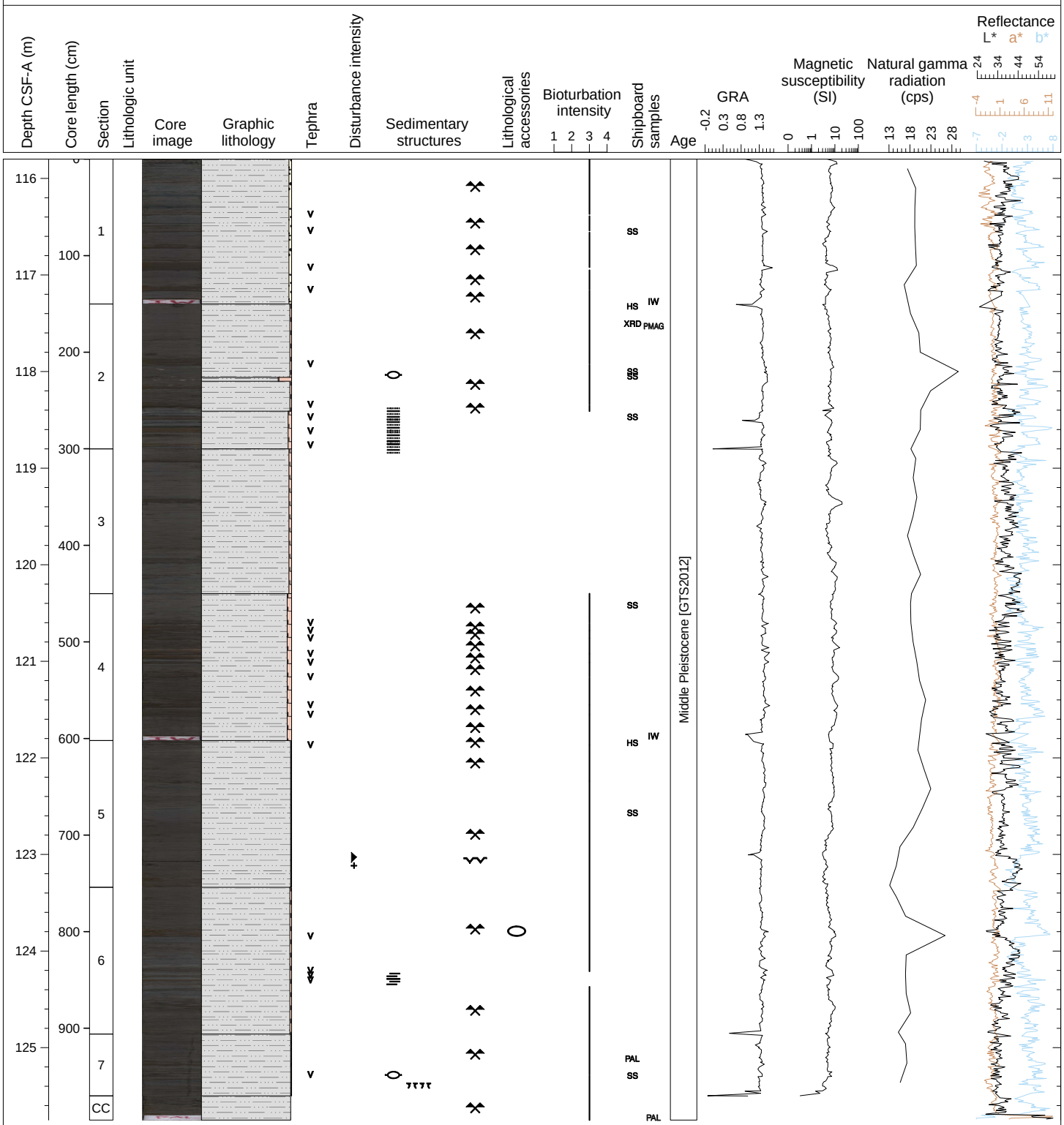
Hole 346-U1422C Core 13H, Interval 106.3-116.23 m (CSF-A)

DIATOM-RICH SILTY CLAY (grayish green and gray) with minor lithology of SILTY SAND occurring throughout in mm to cm thick horizons. Sediment appears generally mottled due to heavy bioturbation.



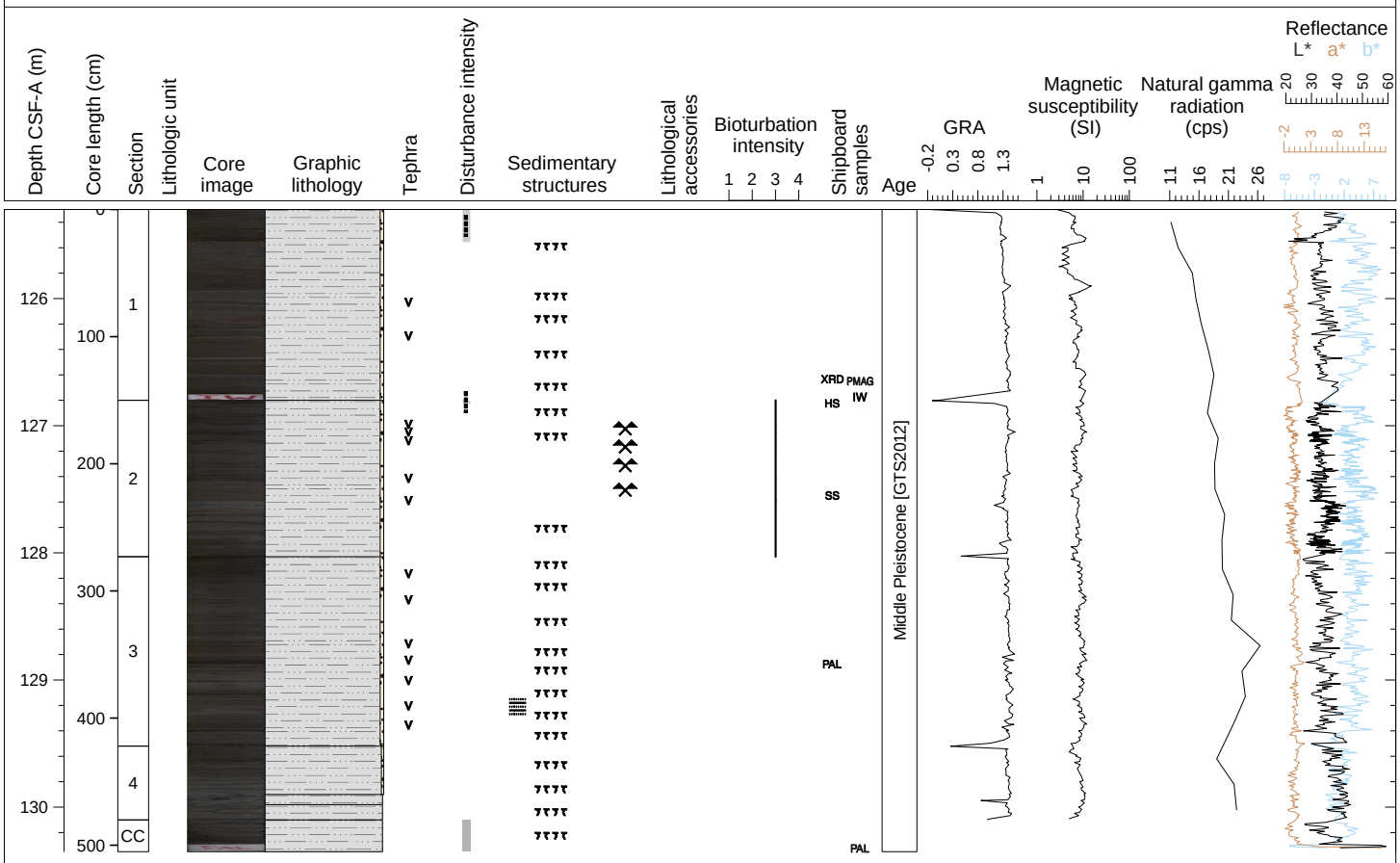
Hole 346-U1422C Core 14H, Interval 115.8-125.75 m (CSF-A)

DIATOM-RICH SILTY CLAY (grayish green and gray) with minor lithology of SILTY SAND occurring throughout in mm to cm thick horizons. Sediment appears generally mottled due to heavy bioturbation.



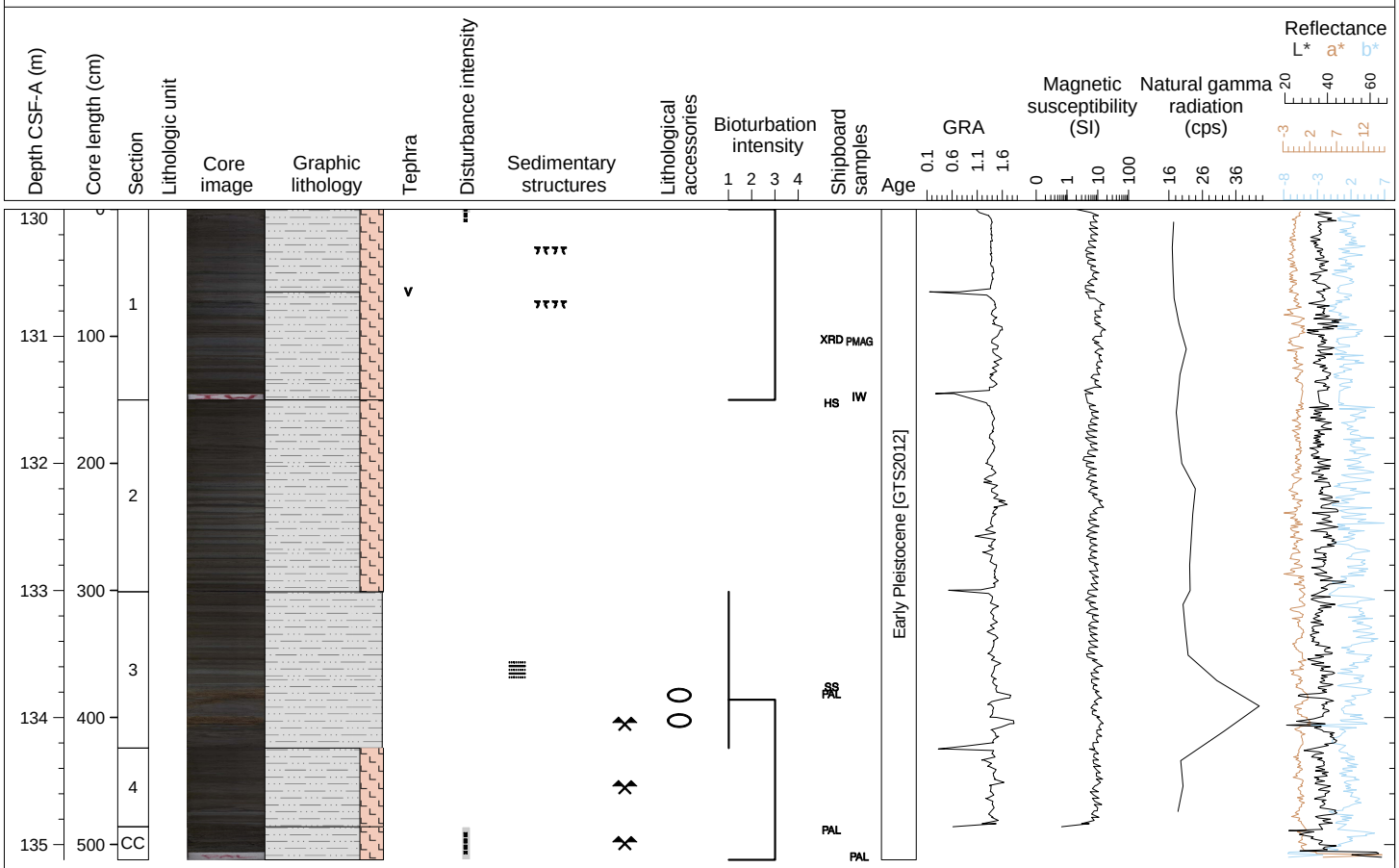
Hole 346-U1422C Core 15H, Interval 125.3-130.35 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding (yellowish brown to dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows heavy bioturbation (mottling). Tephra (vitric type) dispersed throughout.Slight drilling disturbance occurs in the top 26 cm of the core.



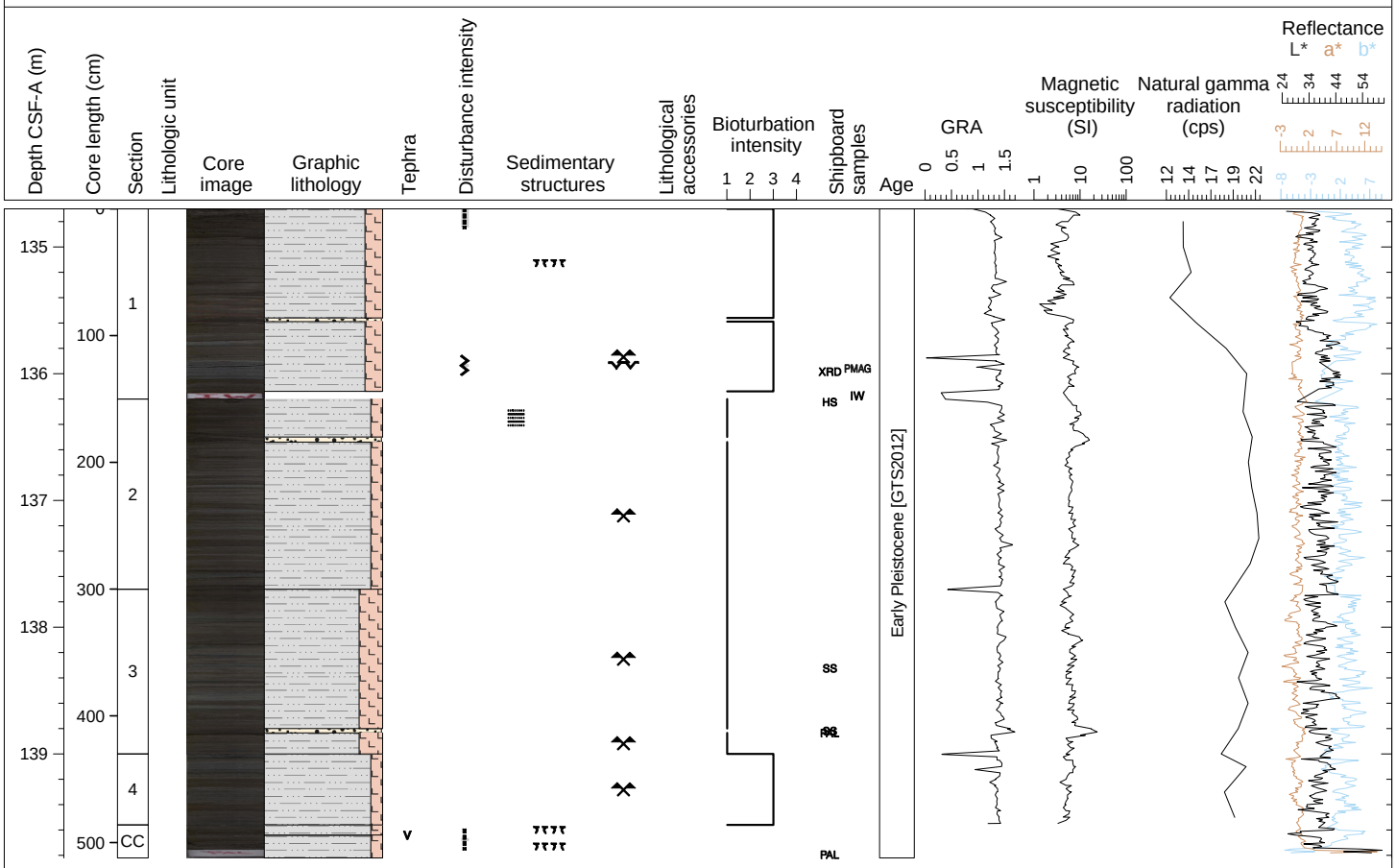
Hole 346-U1422C Core 16H, Interval 130.0-135.12 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding (yellowish brown to dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows slight to heavy bioturbation (mottling).Tephra dispersed throughout. Slight drilling disturbance occurs in the top 3 cm of the core.



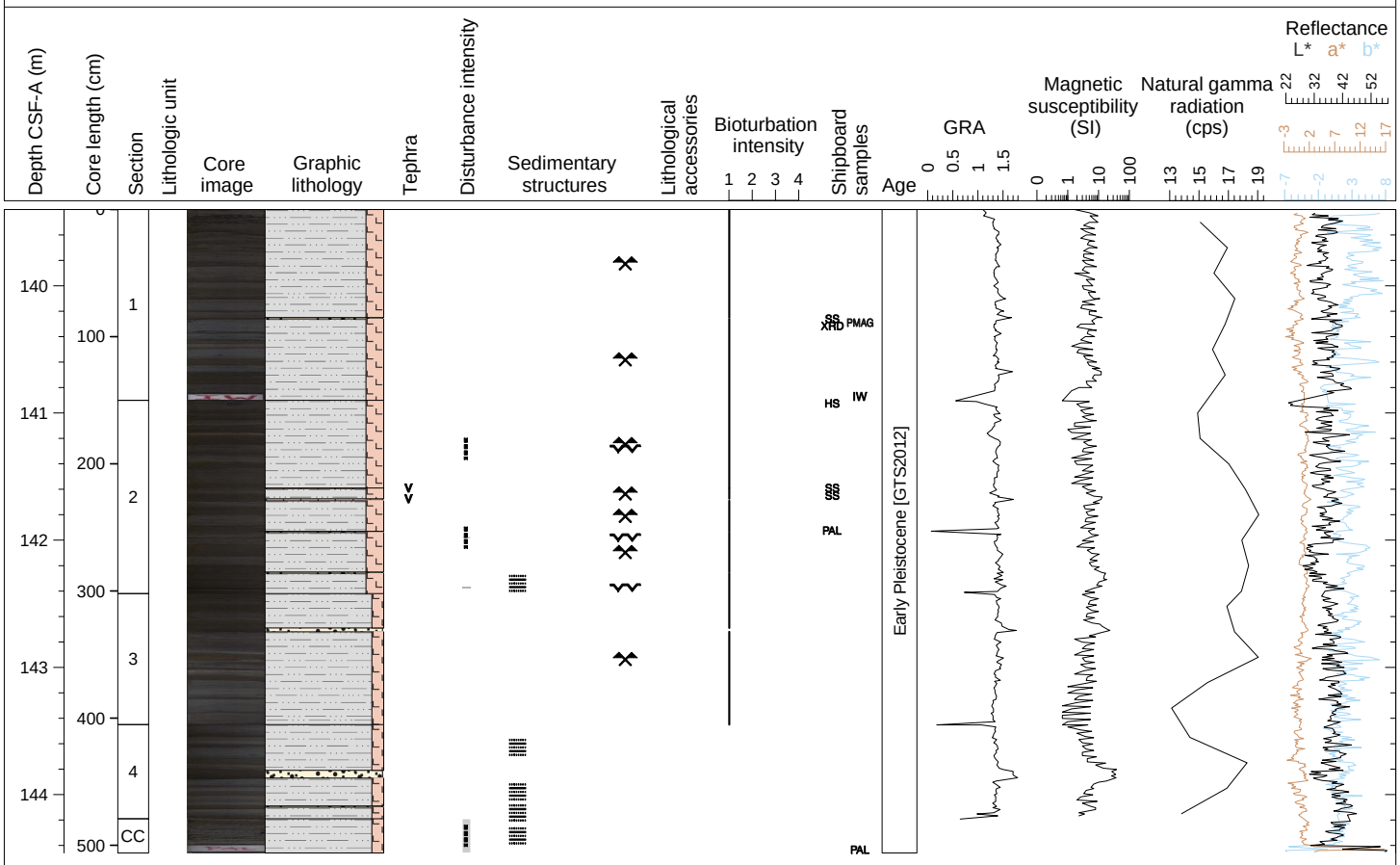
Hole 346-U1422C Core 17H, Interval 134.7-139.82 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding. SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows slight to moderate bioturbation (mottling). Slight drilling disturbance occurs in the top 15 cm of the core and at 125 cm in Section 1.



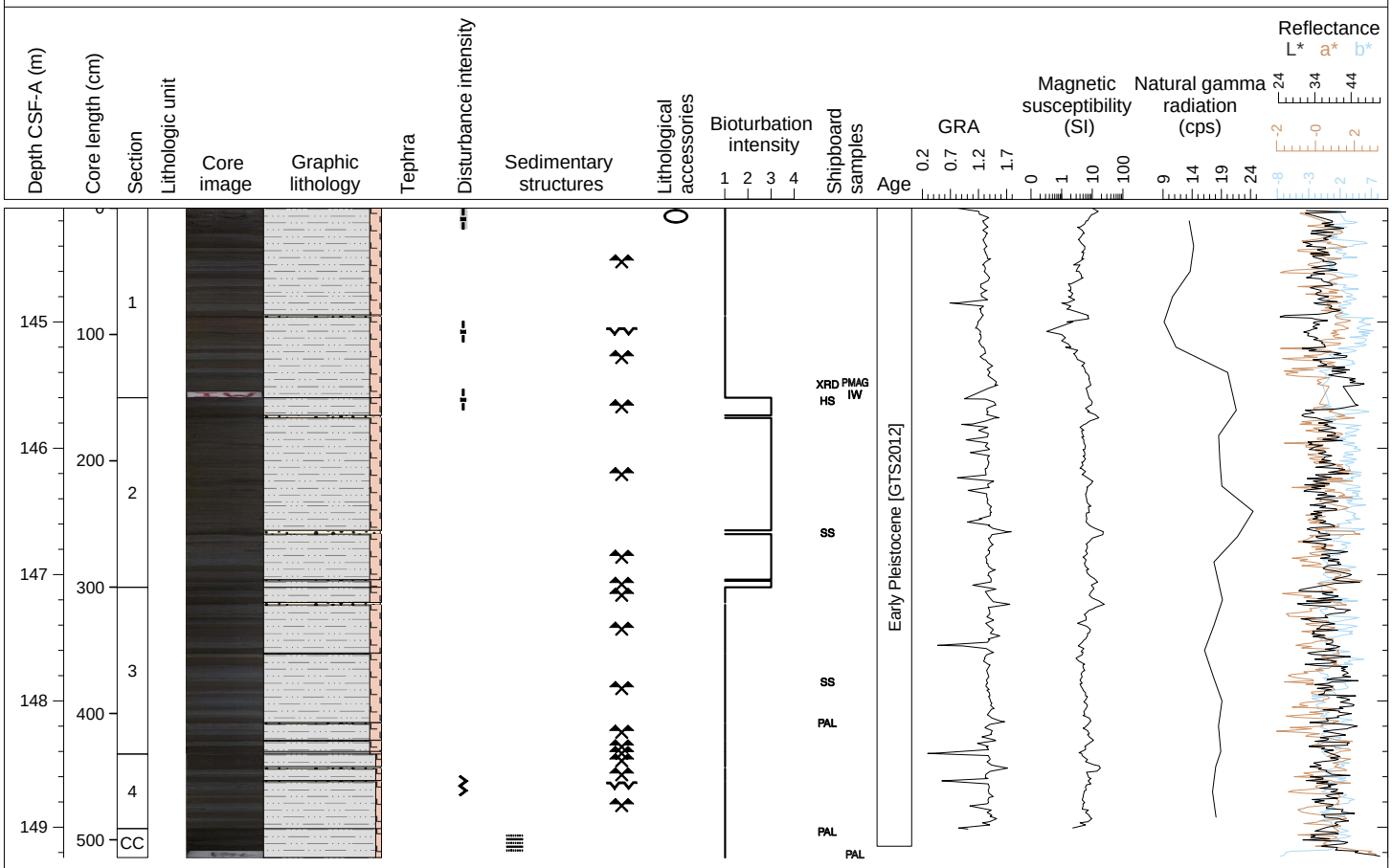
Hole 346-U1422C Core 18H, Interval 139.4-144.46 m (CSF-A)

DIATOM RICH SILTY CLAY (greenish grey) with regular color banding (yellowish brown and dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows slight bioturbation (mottling) and presence of some thin TEPHRA layers (vitric type). Slight to severe drilling disturbance occurs in Section 2.



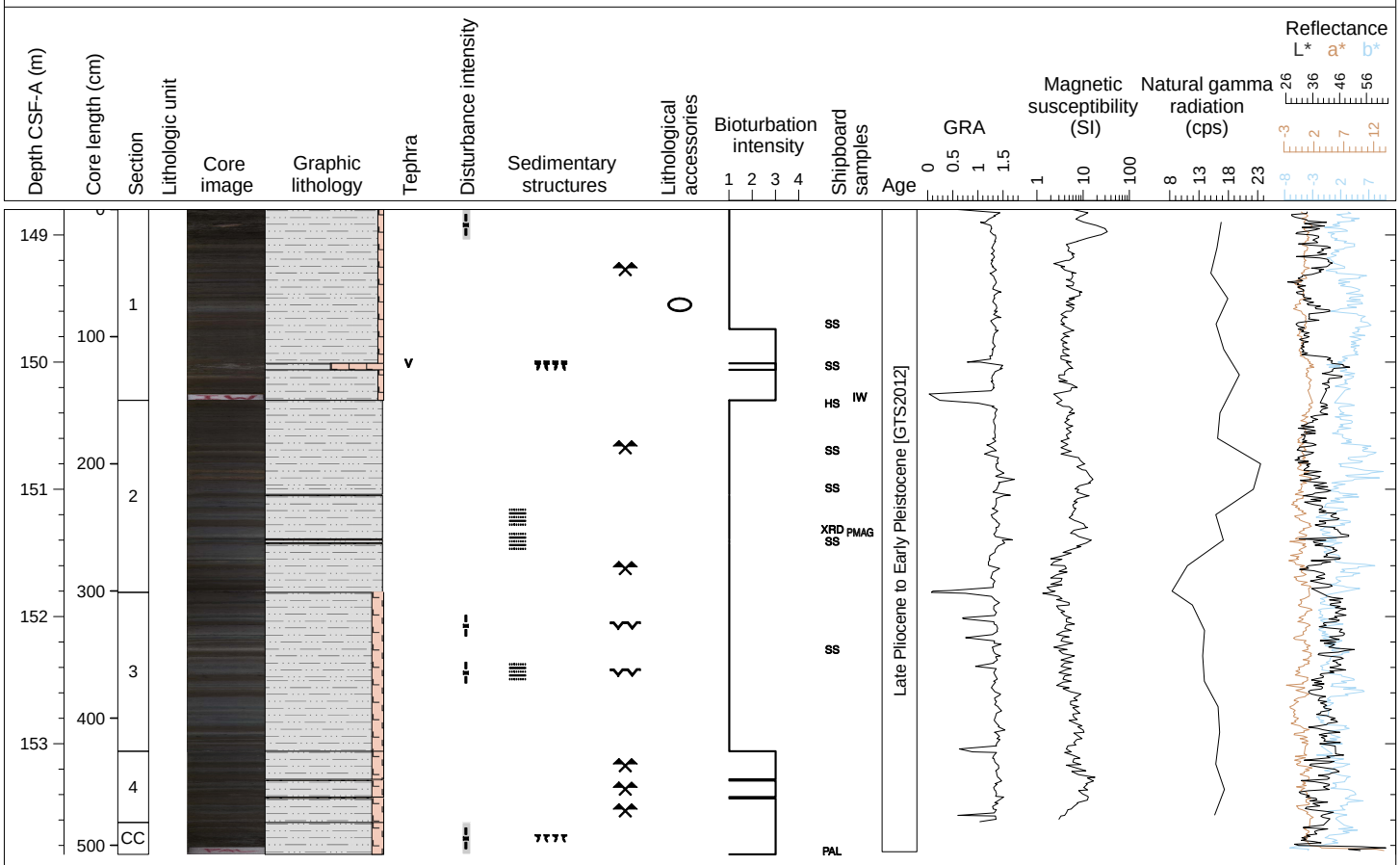
Hole 346-U1422C Core 19H, Interval 144.1-149.24 m (CSF-A)

DIATOM RICH SILTY CLAY (greenish grey) with regular color banding (yellowish brown and dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). TEPHRA occurs as a minor lithology and sediment shows slight bioturbation (mottling). Moderate drilling disturbance occurs in the top 17 cm of the core.



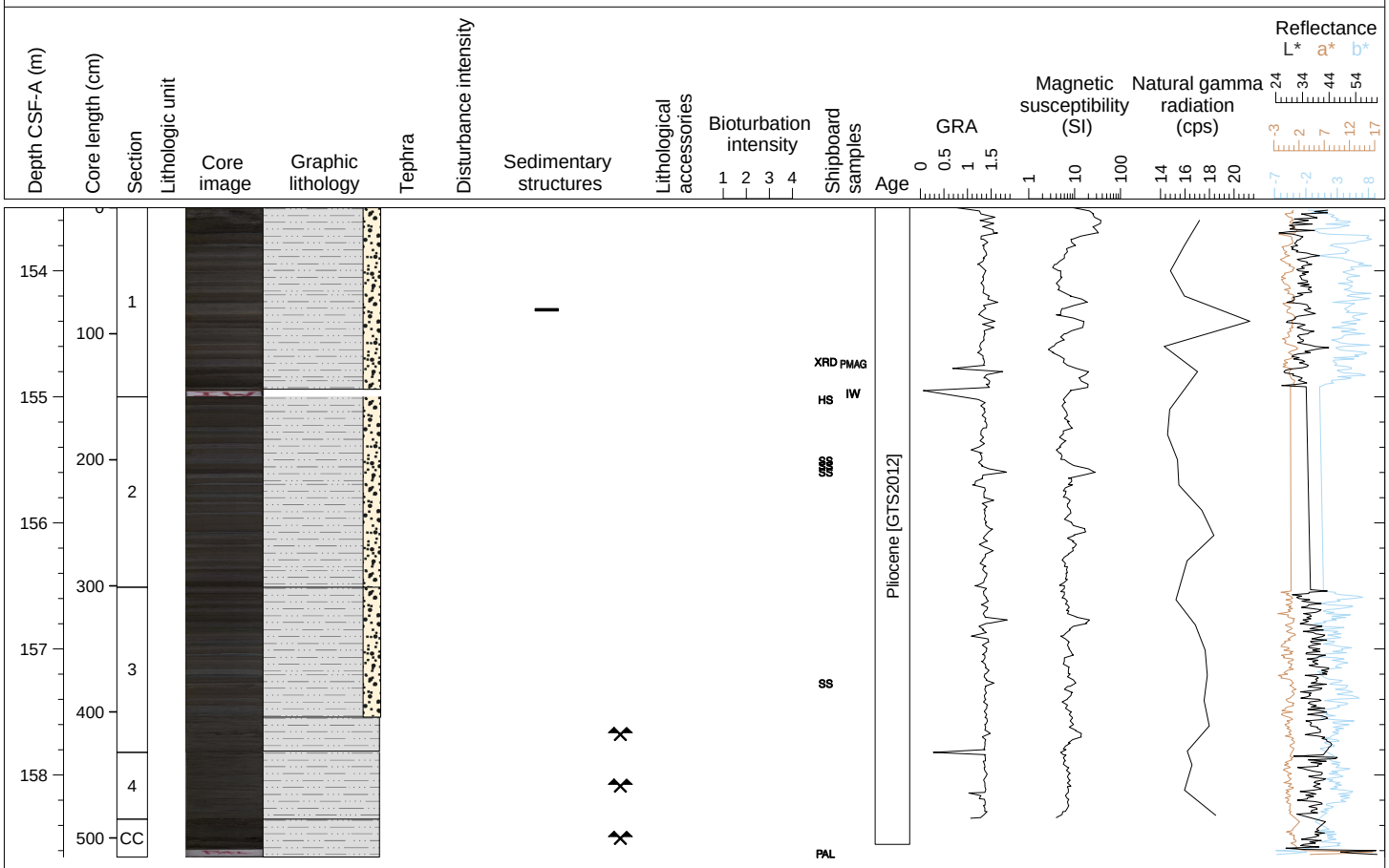
Hole 346-U1422C Core 20H, Interval 148.8-153.87 m (CSF-A)

DIATOM RICH SILTY CLAY (gray tp greenish gray) with regular color banding. SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). TEPHRA occurs as a minor lithology and sediment shows slight bioturbation (mottling). Moderate drilling disturbance occurs in the top 17 cm of the core.



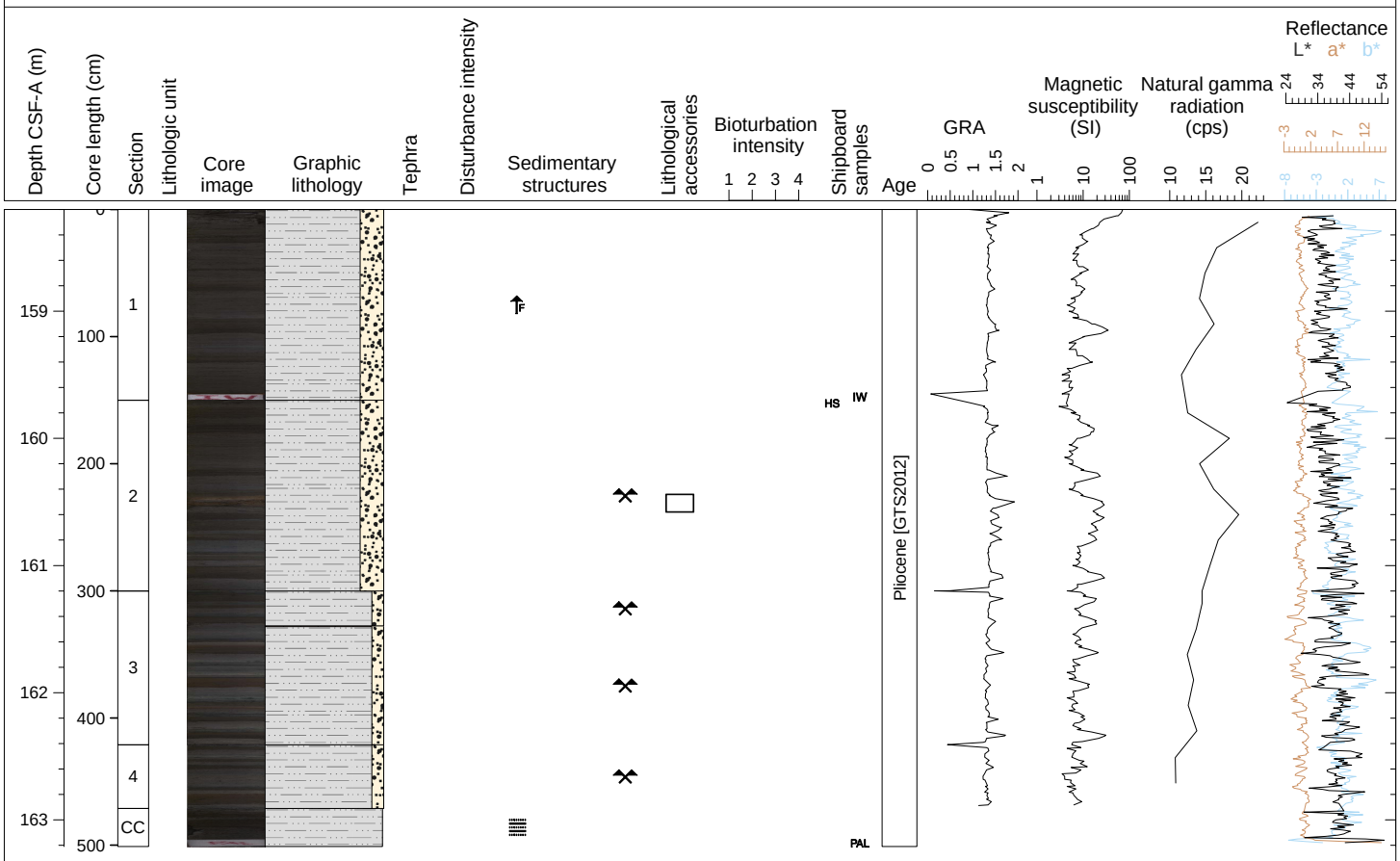
Hole 346-U1422C Core 21H, Interval 153.5-158.65 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding. SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows slight to heavy bioturbation (mottling). Severe drilling disturbance in the top 15 cm of the core.



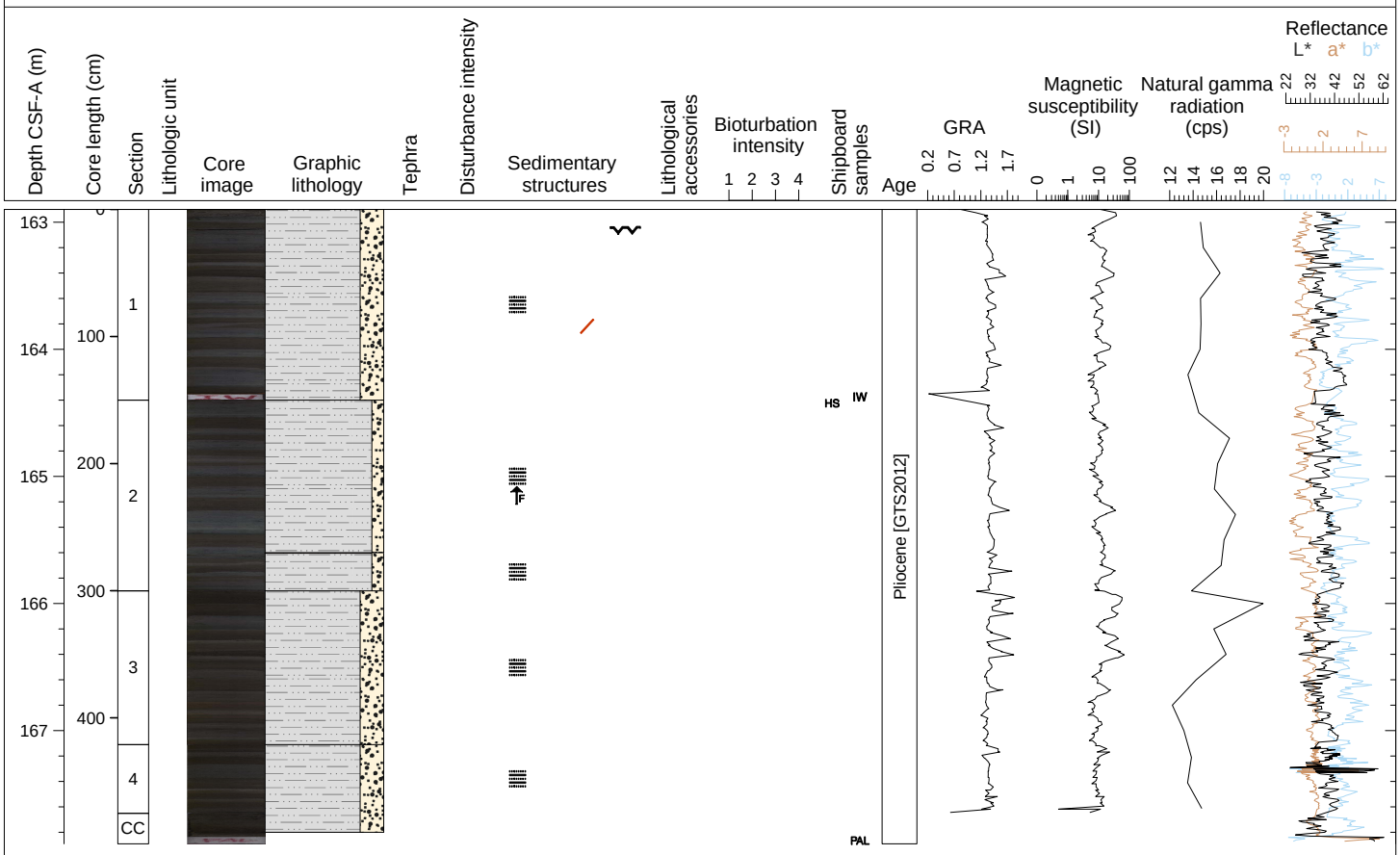
Hole 346-U1422C Core 22H, Interval 158.2-163.21 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding. SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows slight to heavy bioturbation (mottling) and a carbonate cemented horizon between 78 and 84 cm in Section 2. Severe drilling disturbance in the top 15 cm of the core.



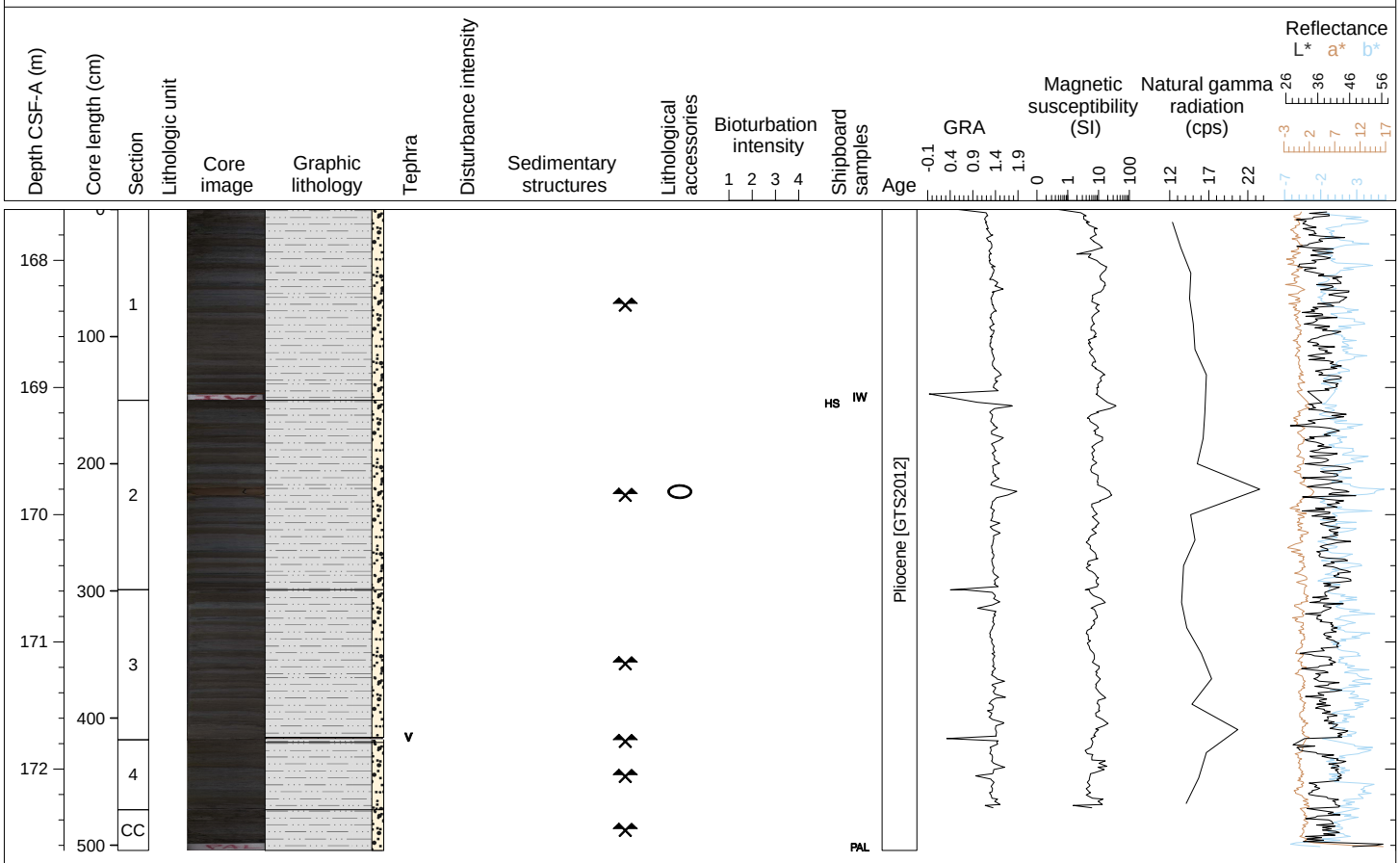
Hole 346-U1422C Core 23H, Interval 162.9-167.89 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding. SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Moderate drilling disturbance occurs in the top 18 cm of the core.



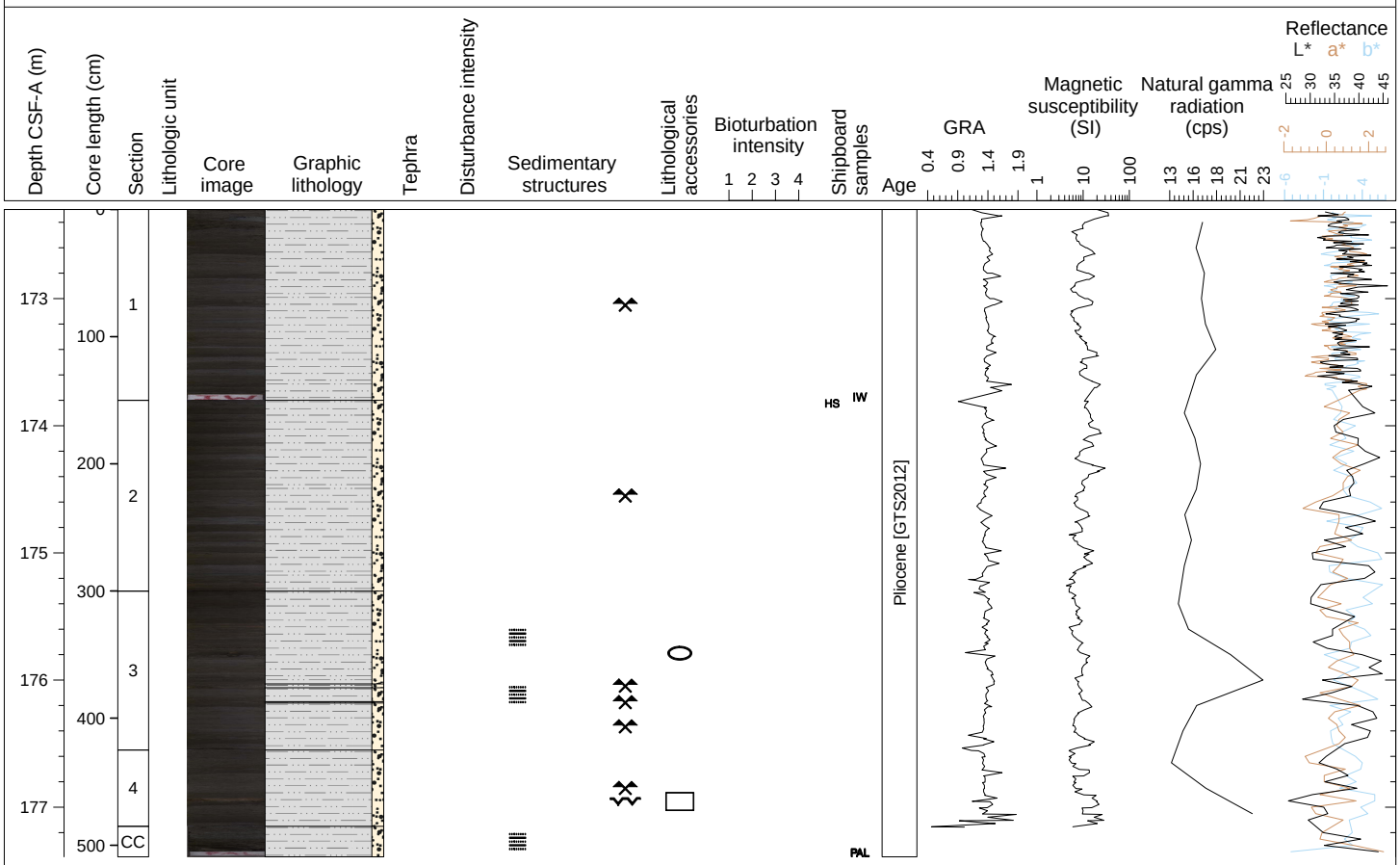
Hole 346-U1422C Core 24H, Interval 167.6-172.64 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding (yellowish brown to dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows slight to heavy bioturbation (mottling). Dolomite nodule occurs between 69 and 75 cm in Section 2. Moderate drilling disturbance occurs in the top 38 cm of the core.



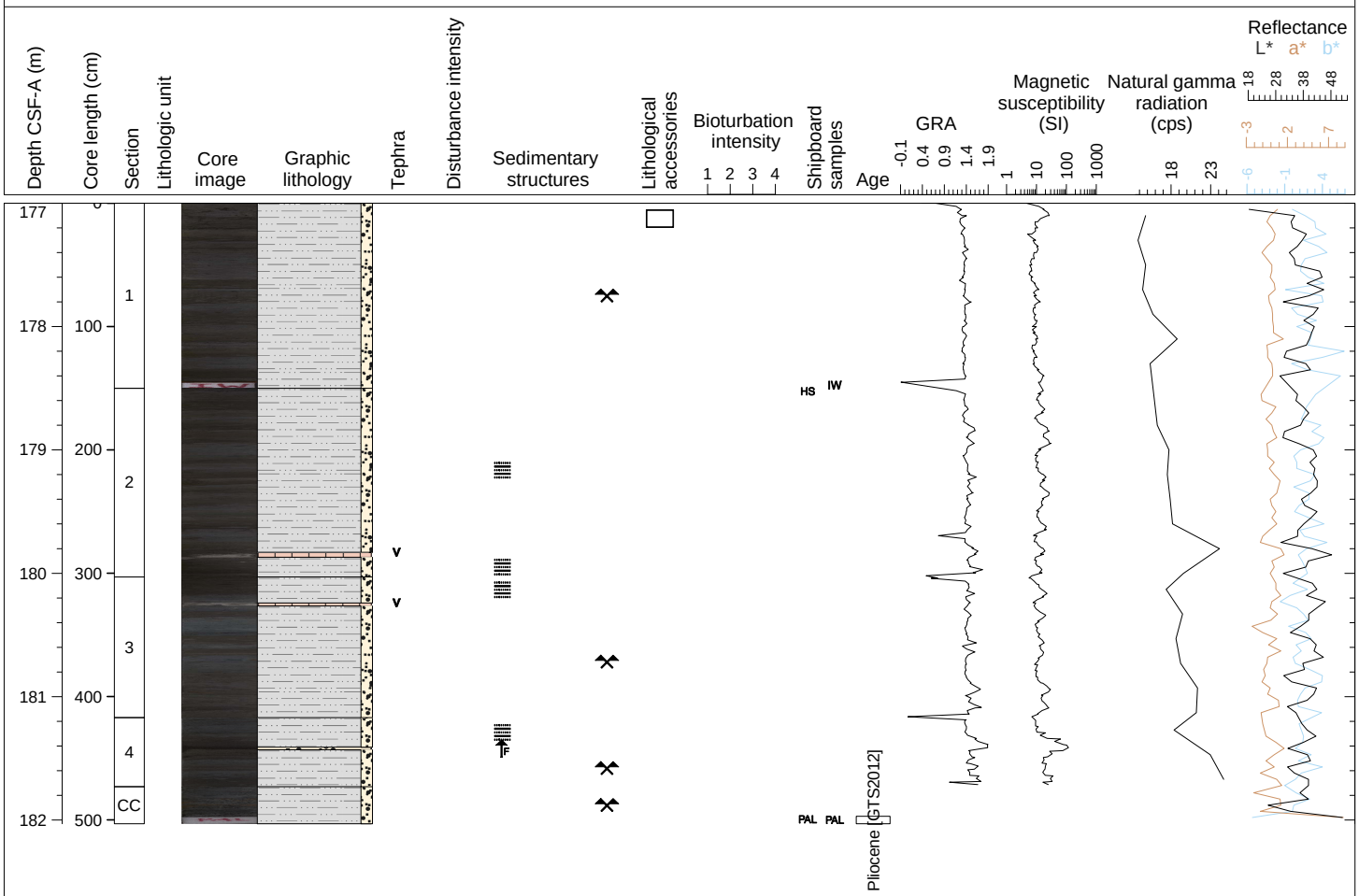
Hole 346-U1422C Core 25H, Interval 172.3-177.39 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding (yellowish brown to dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows slight bioturbation (mottling) and dolomite nodule/cements are observed at 48 cm in Section 2 and 39 cm in Section 4. Moderate drilling disturbance occurs in the top 4 cm of the core.



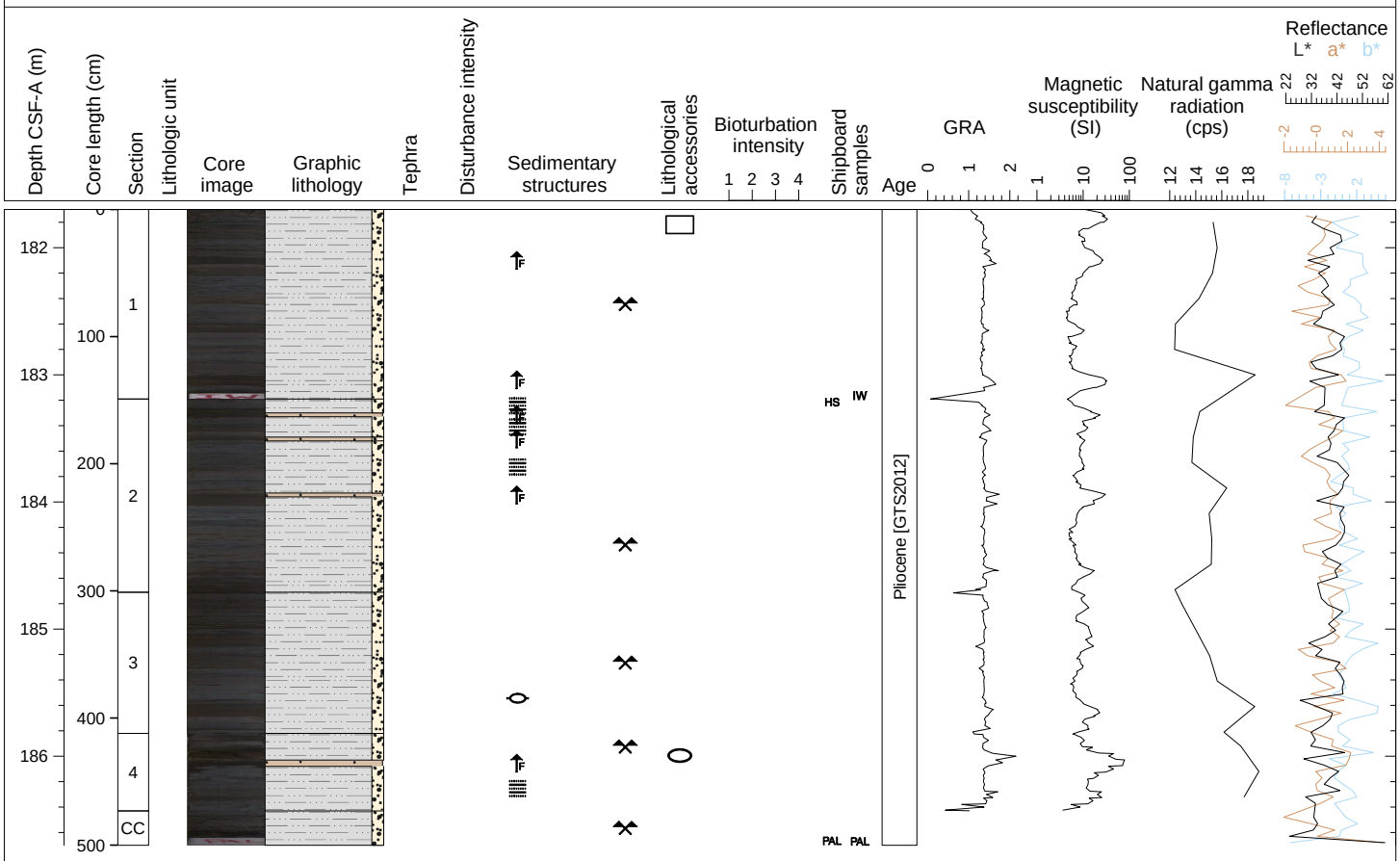
Hole 346-U1422C Core 26H, Interval 177.0-182.03 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with minor SILTY SAND. Some color banding and evidence of slight bioturbation.



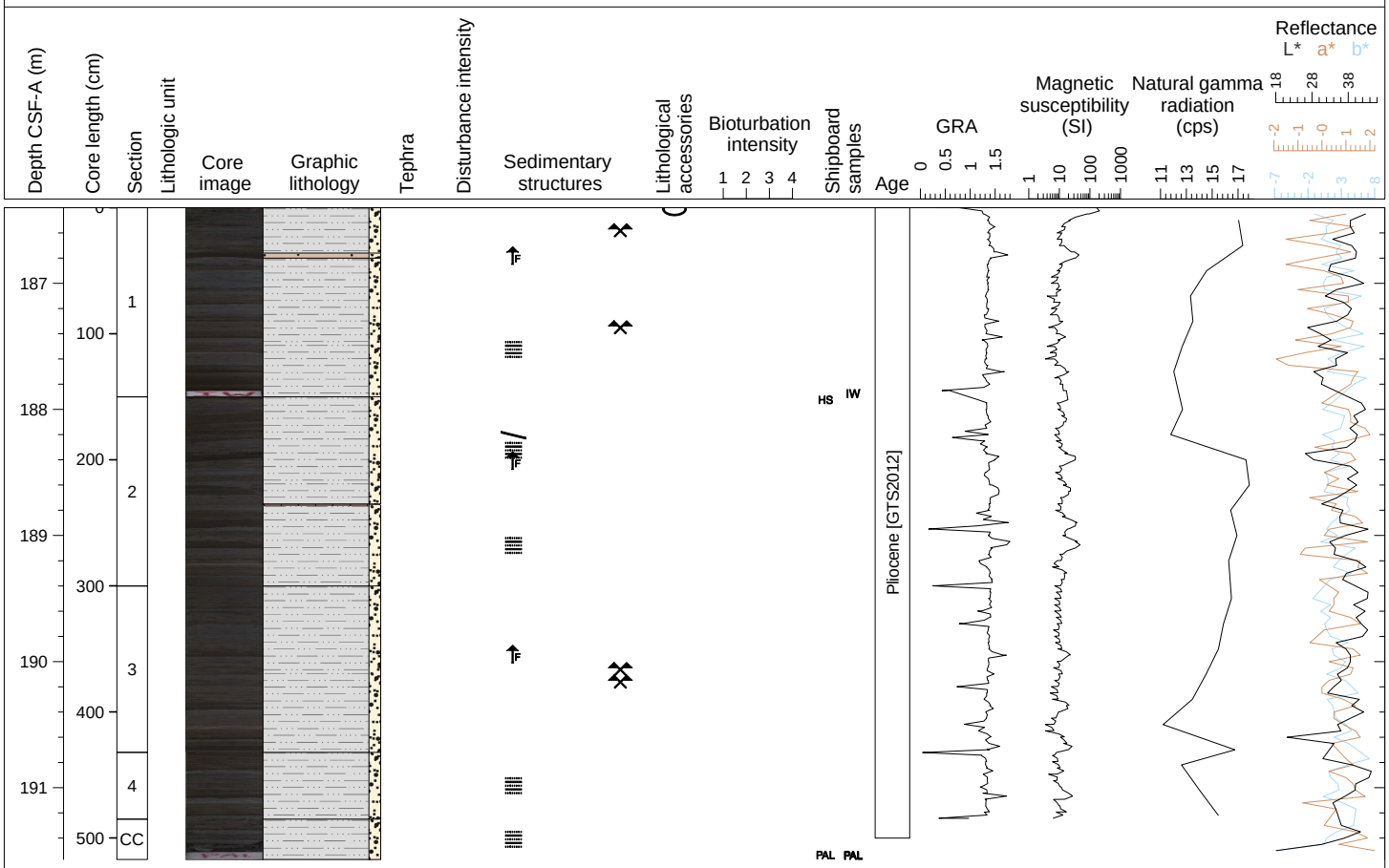
Hole 346-U1422C Core 27H, Interval 181.7-186.7 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding (yellowish brown to dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows slight bioturbation (mottling). A large dolomite nodule occurs between 14 and 21 cm in Section 4.



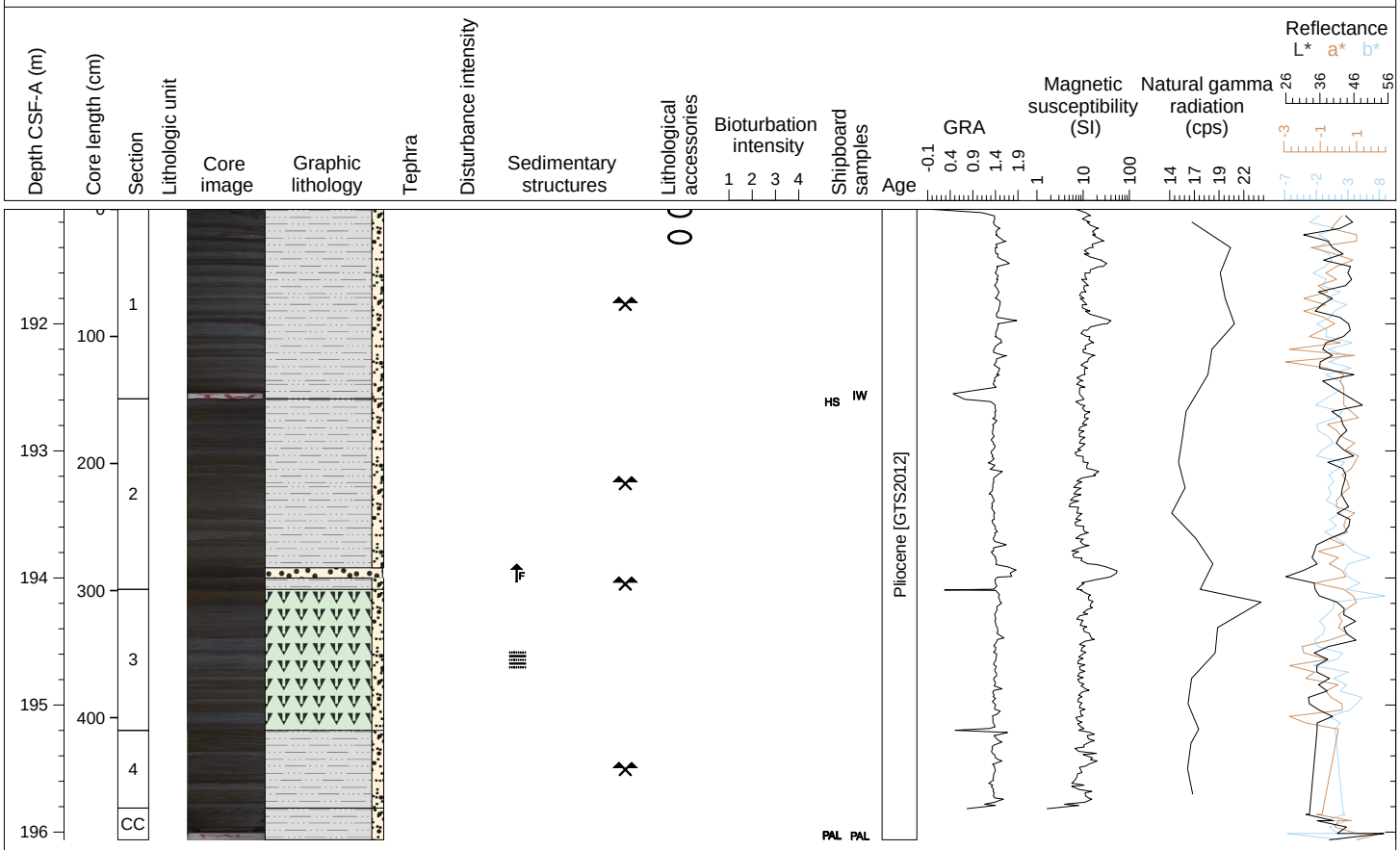
Hole 346-U1422C Core 28H, Interval 186.4-191.57 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding. SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows slight to heavy bioturbation (mottling).



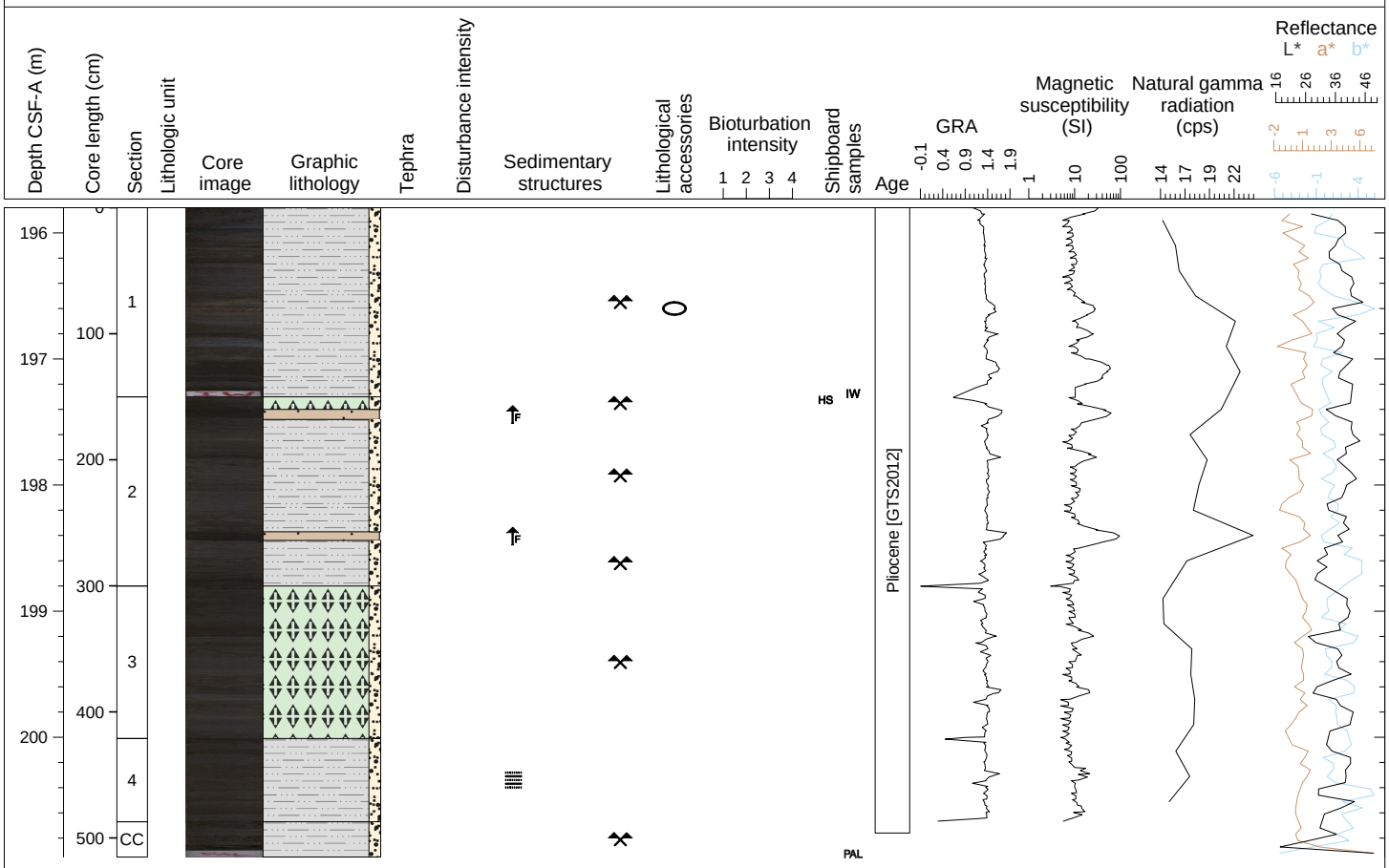
Hole 346-U1422C Core 29H, Interval 191.1-196.06 m (CSF-A)

DIATOM RICH to DIATOMACEOUS SILTY CLAY (gray to greenish gray) and DIATOM OOZE with regular color banding (yellowish brown to dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows slight to heavy bioturbation (mottling). A void in the top 25 cm of core is the result of severe drilling disturbance.



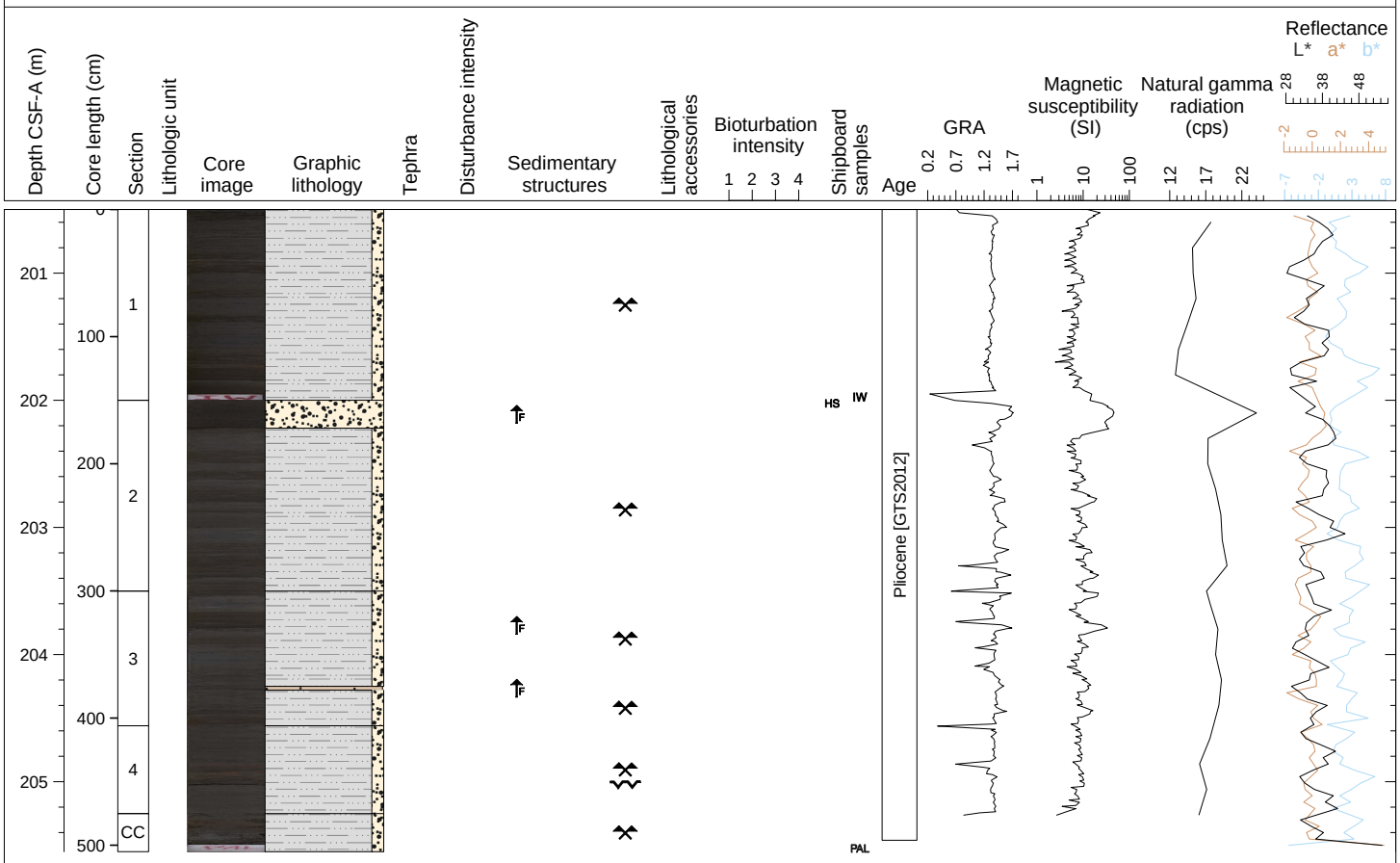
Hole 346-U1422C Core 30H, Interval 195.8-200.95 m (CSF-A)

DIATOMACEOUS SILTY CLAY (greenish gray) and BIOSILICEOUS OOZE with regular color banding (yellowish brown to dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows slight bioturbation (mottling). A semi-lithified dolomite nodule occurs between 76 and 84 cm in Section 1.



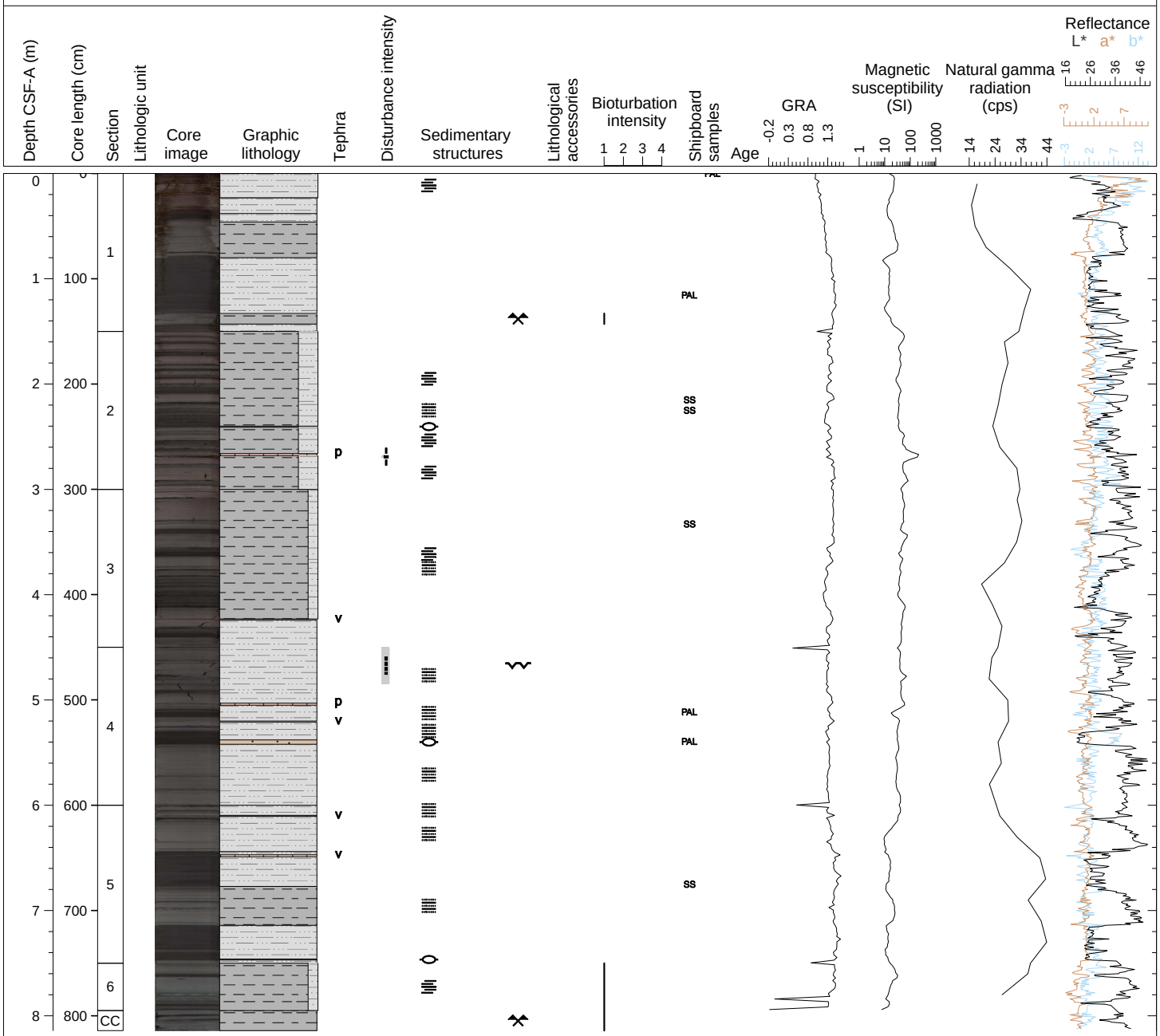
Hole 346-U1422C Core 31H, Interval 200.5-205.55 m (CSF-A)

DIATOMACEOUS SILTY CLAY (gray to greenish gray) with regular color banding (yellowish brown to dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading (turbidites?). Sediment shows evdence of slight bioturbation throughout (mottling).



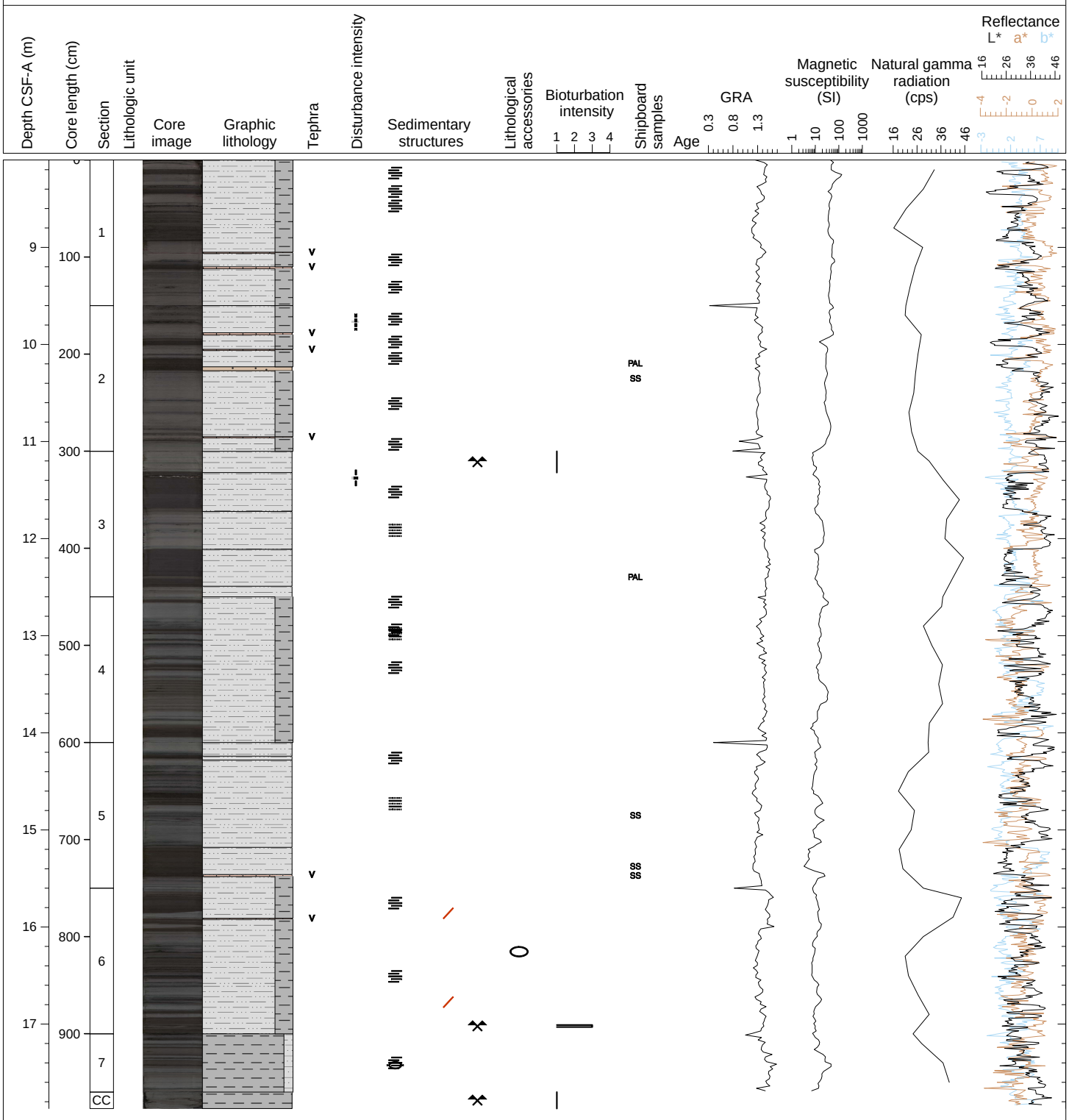
Hole 346-U1422D Core 1H, Interval 0.0-8.14 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with parallel laminations and color banding (dark gray to greenish gray) present throughout. Contains a few layers (up to 3 cm thickness) with Foraminifer-rich Silt and Foraminifer-rich Sand. Moderate soupy drilling disturbance occurs centered at 118 cm in Section 2.



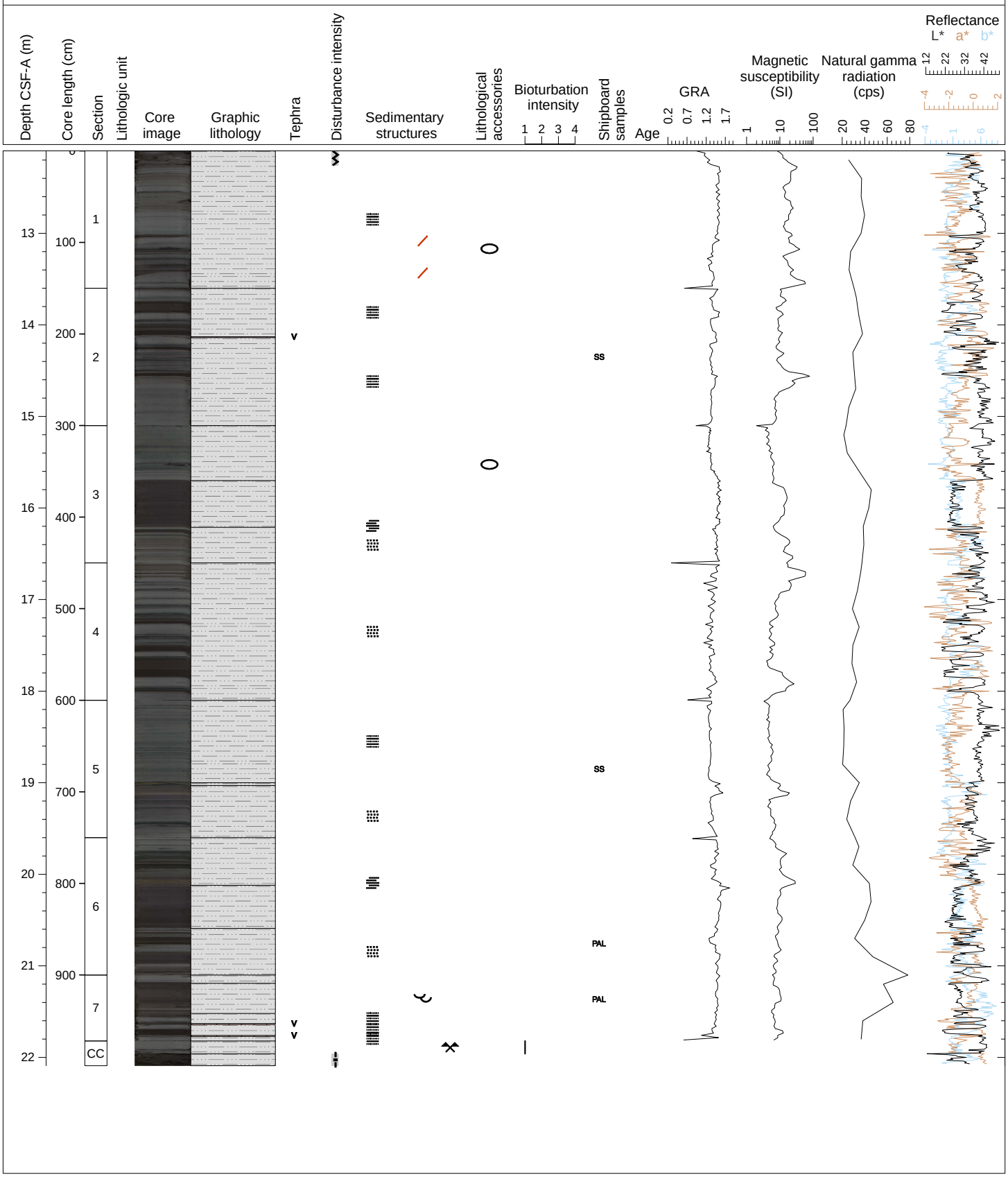
Hole 346-U1422D Core 2H, Interval 8.1-17.87 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with a number of TEPHRA layers (vitric and pumiceous type). Parallel laminations and color banding (dark gray to greenish gray) present throughout with some evidence of slight bioturbation. Clasts (> 2 mm) occur at a number of depths. Moderate drilling disturbance occurs with one void that may represent a washed out tephra layer.



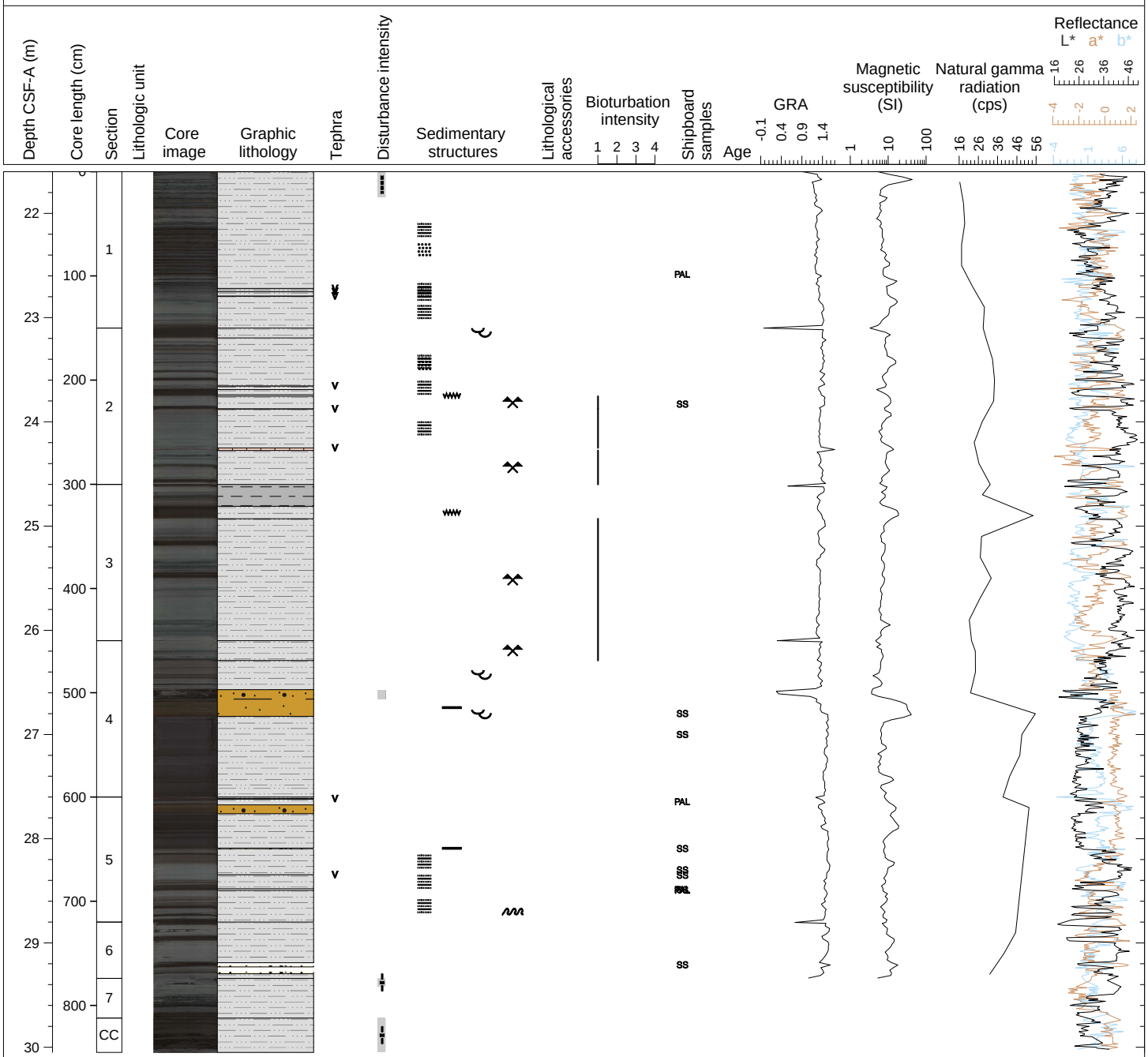
Hole 346-U1422D Core 3H, Interval 12.1-22.09 m (CSF-A)

CLAY (light gray) and SILTY CLAY (olive gray to dark olive gray) with regular color banding throughout (light gray to dark olive gray). Numerous TEPHRA layers (vitric type) and some lamination, although evidence of slight to heavy bioturbation in non-laminated intervals. Pyrite nodules are present, and there is a foraminifera-rich layer at 115 cm in Section 6. Moderate drilling disturbance over the top 16 cm of the core.



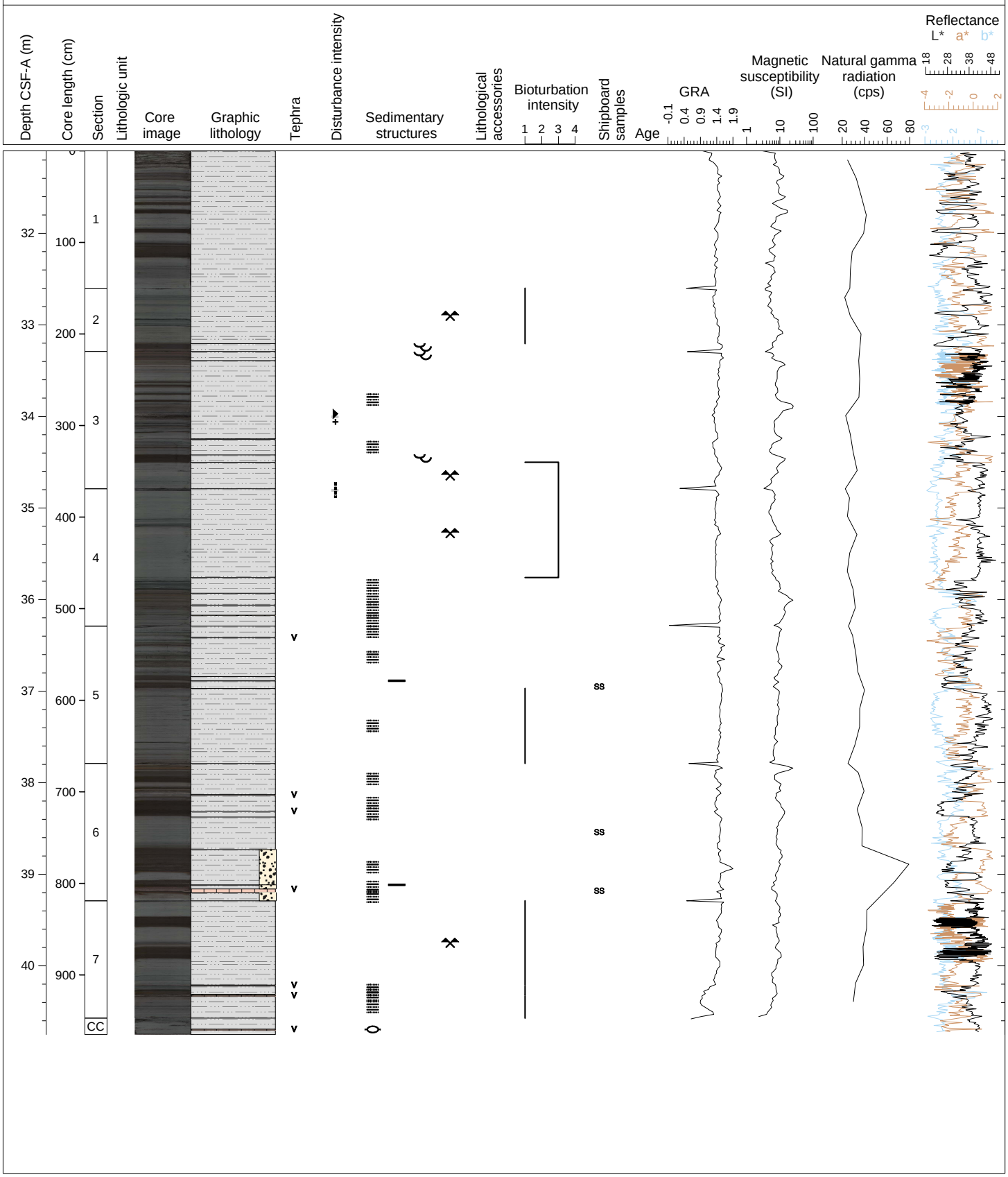
Hole 346-U1422D Core 4H, Interval 21.6-30.05 m (CSF-A)

Dominantly SILTY CLAY (color banded light greenish gray, yellowish brown and dark brown) with CLAY, CLAYEY SAND and TEPHRA as minor lithologies. Silty Sand occurs in mm to cm thick layers, with sharp bottom contact or normal grading. Several tephra layers are up to 1 cm thick. Occasional thin foraminifer-bearing layers are observed. Brown layers contain dispersed pyrite and often show lamination. None or slight bioturbation.



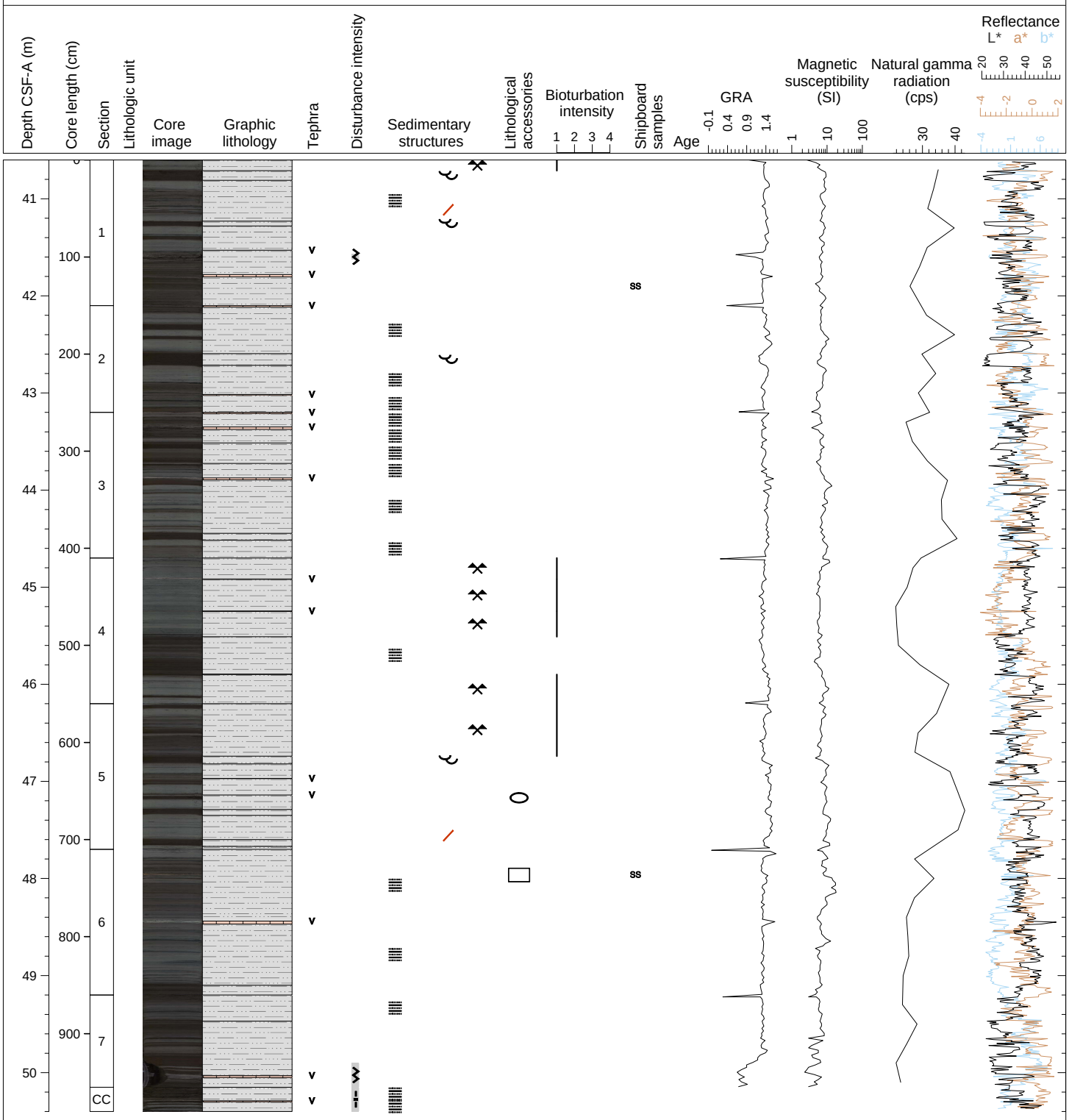
Hole 346-U1422D Core 5H, Interval 31.1-40.75 m (CSF-A)

SILTY CLAY (distinct color banding, light greenish gray, yellowish brown, and dark brown) with CLAY and CLAYEY SAND and TEPHRA layers as minor lithologies. Silty Sand occurs in mm to cm thick layers with sharp bottom contact or normal grading. Several tephra layers are up to 1 cm thick. Occasional foraminifer-bearing layers with foraminifers showing evidence of being reworked. Brown layers contain dispersed pyrite and often show lamination. None or slight bioturbation.



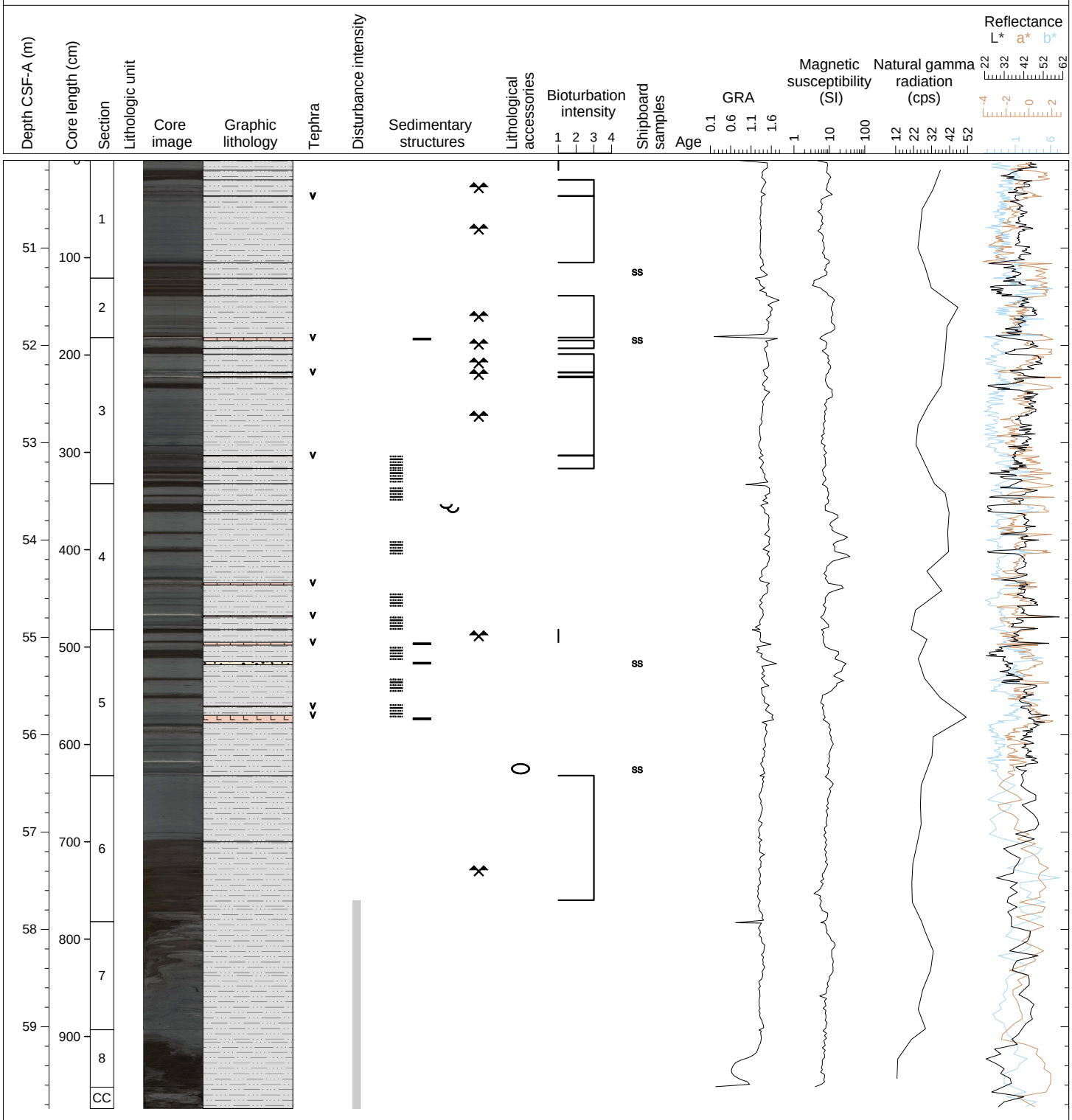
Hole 346-U1422D Core 6H, Interval 40.6-50.4 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with color banding (greenish gray) throughout. Numerous TEPHRA (vitric type) layers and a foraminifer-bearing SANDY SILT (dark grayish brown) and SANDY CLAY. Some slight bioturbation and a single pyritic layer. A washed out interval occurs in Section 1 from 97 to 102 cm.



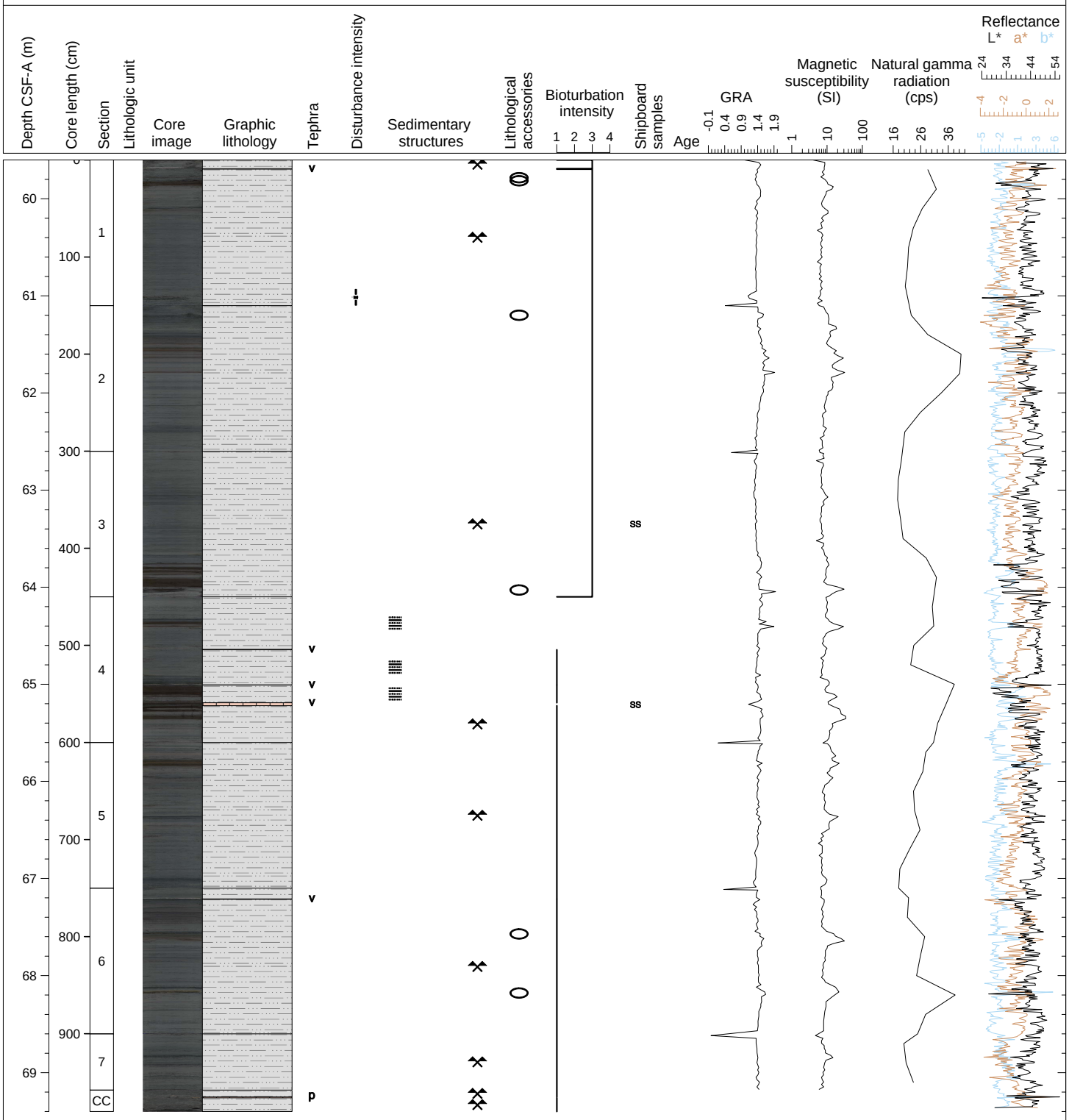
Hole 346-U1422D Core 7H, Interval 50.1-59.84 m (CSF-A)

CLAY (light gray) and SILTY CLAY (olive gray to dark olive gray) with lesser amounts of DIATOMACEOUS SILTY CLAY (yellow brown to dark brown). Regular color banding throughout (light gray to dark olive gray). TEPHRA bearing SILTY CLAY interspersed with TEPHRA layers (vitric type). Pyritic layers present in Sections 1 and 4 and with carbonate nodules present at 5 cm and 142 cm in Section 2.



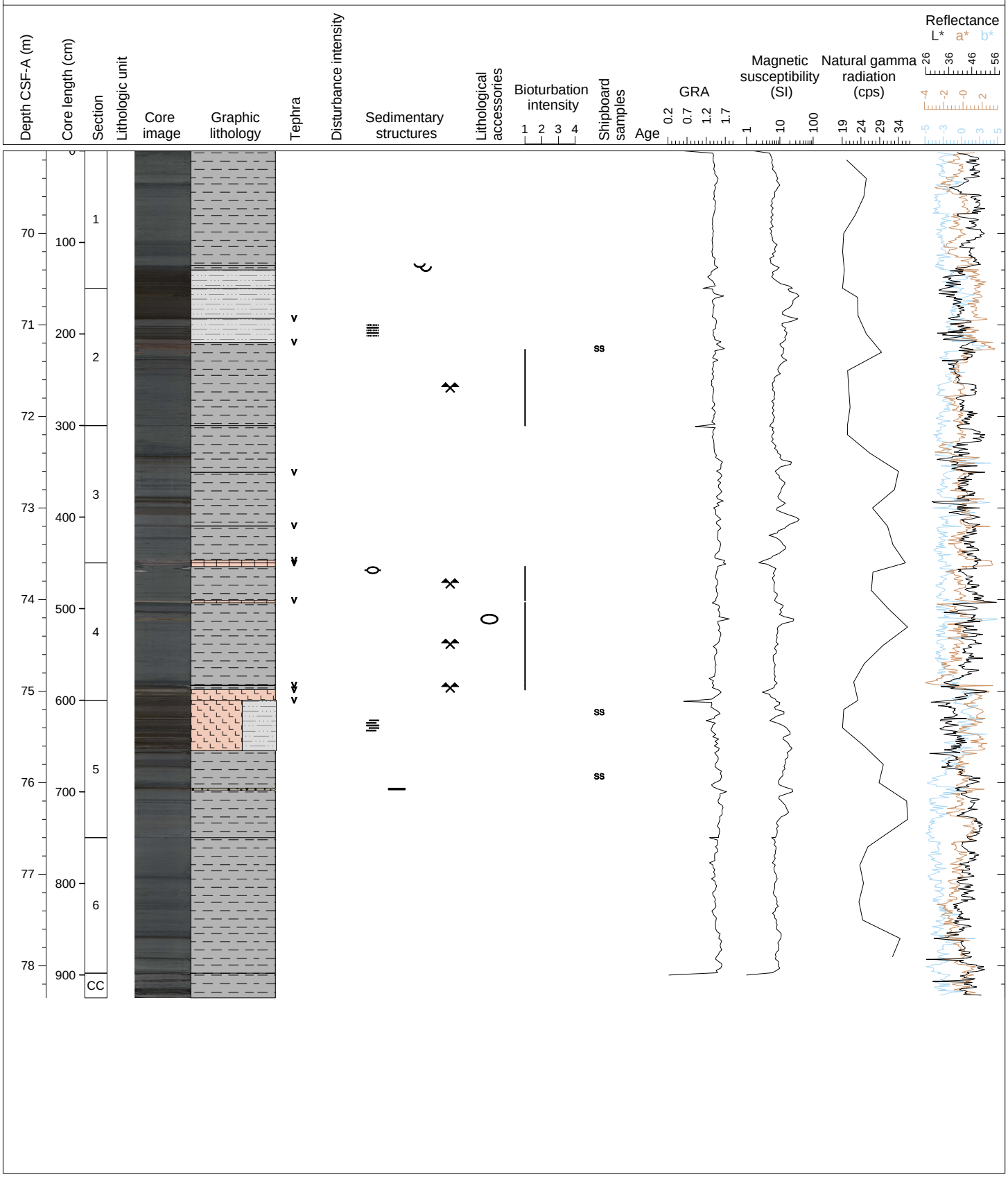
Hole 346-U1422D Core 8H, Interval 59.6-69.4 m (CSF-A)

SILTY CLAY (light greenish gray, olive gray to dark olive gray). Largely homogenous with occasional color banding (light gray to dark olive gray). A number of TEPHRA layers (vitric type) and pyrite layers/nodules are found. Much of the core shows slight bioturbation.



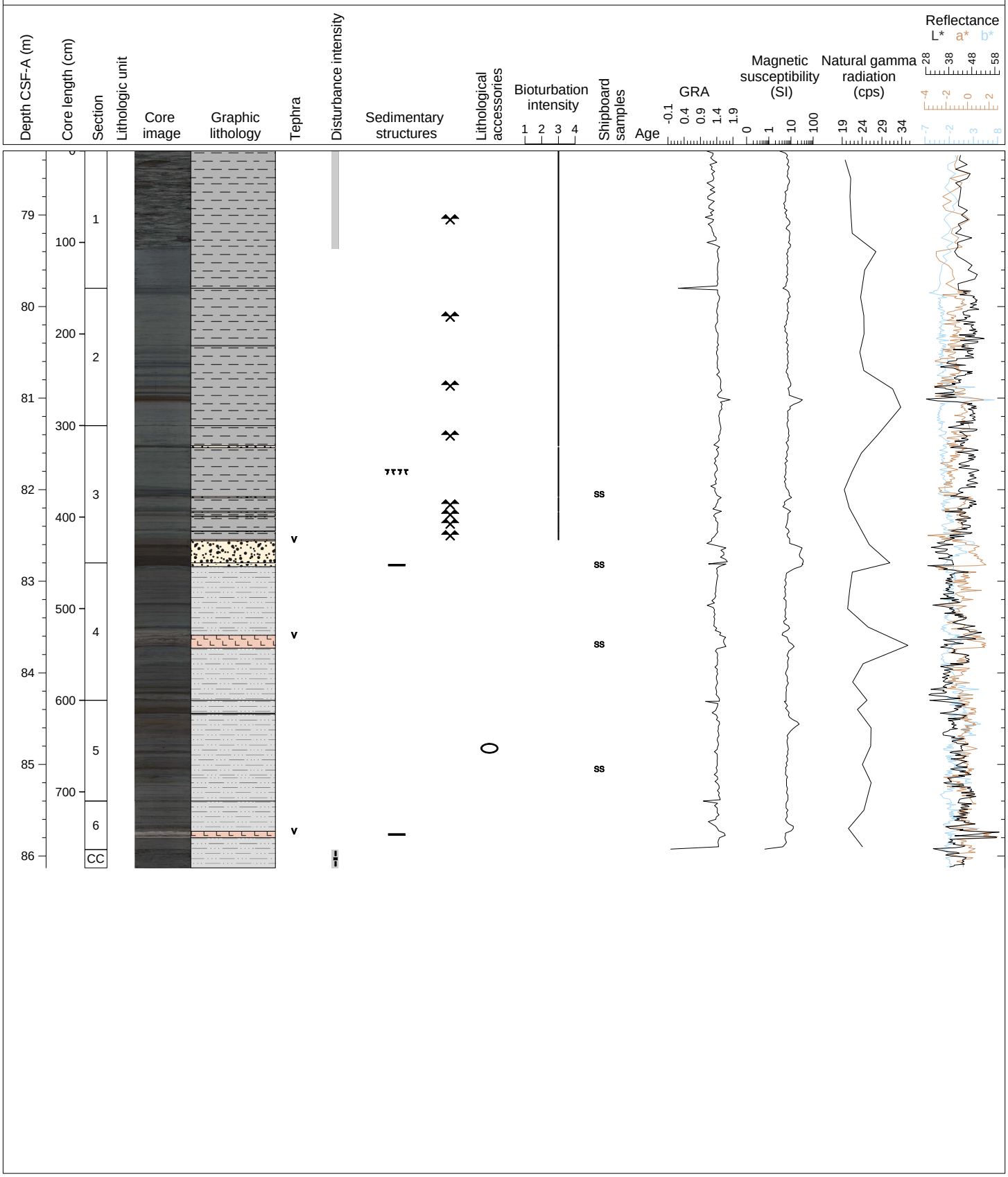
Hole 346-U1422D Core 9H, Interval 69.1-78.35 m (CSF-A)

Dominantly CLAY (light greenish gray) with a few discrete TEPHRA layers (vitric type). One prominent SILTY CLAYEY TEPHRA interval is found in the lower part of Section 4 and extending downward into the upper part of Section 5.Sequence shows slight bioturbation throughout.



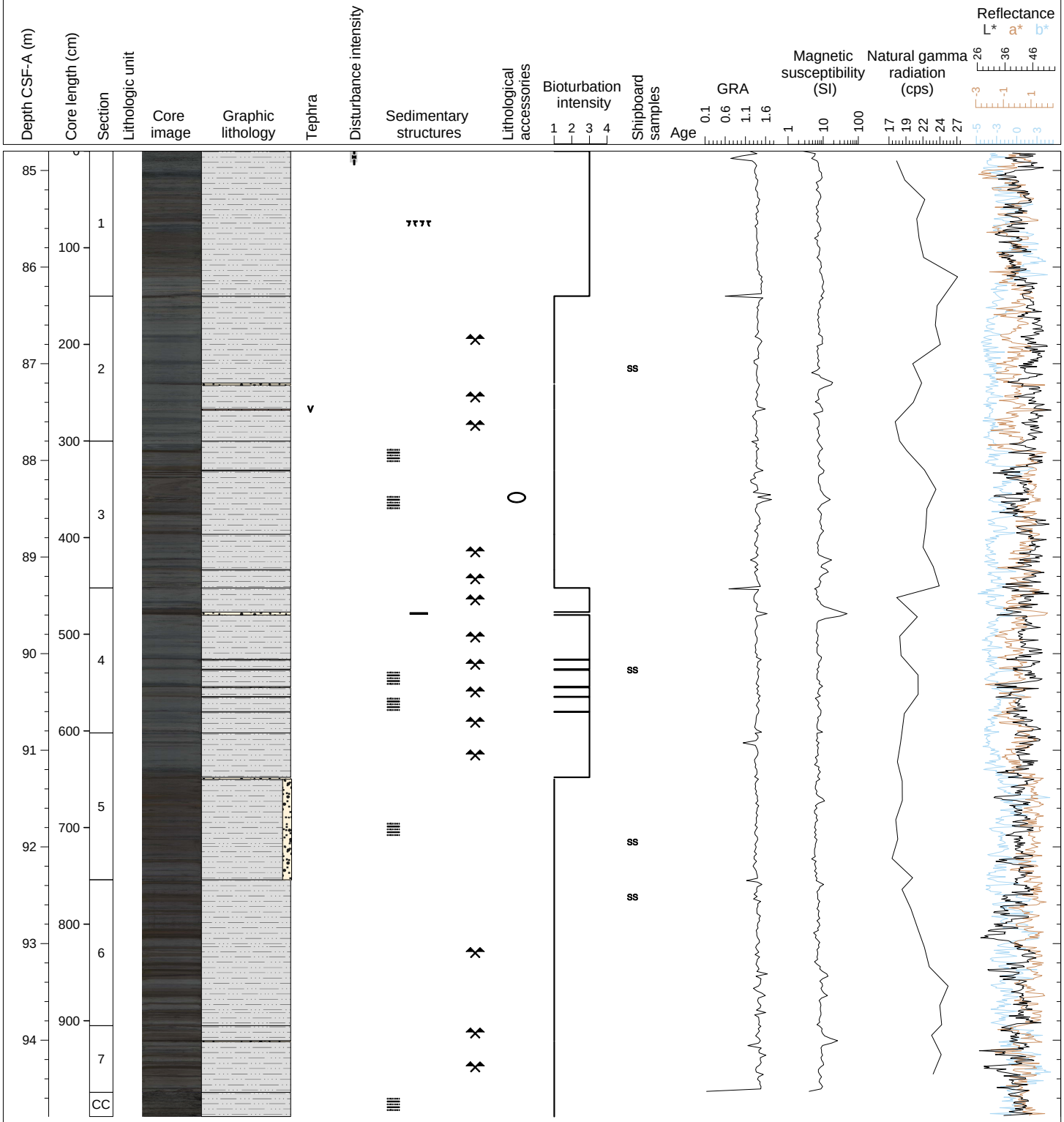
Hole 346-U1422D Core 10H, Interval 78.3-86.13 m (CSF-A)

SILTY CLAY (light greenish gray), homogenous. Minor Lithologies inlcude SILTY SANDY TEPHRA and SILTY SAND. Silty Sand occurs in thick layers, with sharp bottom contact or normal grading. Several tephra layers occur and range up to 4 cm thick. Moderate to heavy bioturbation.



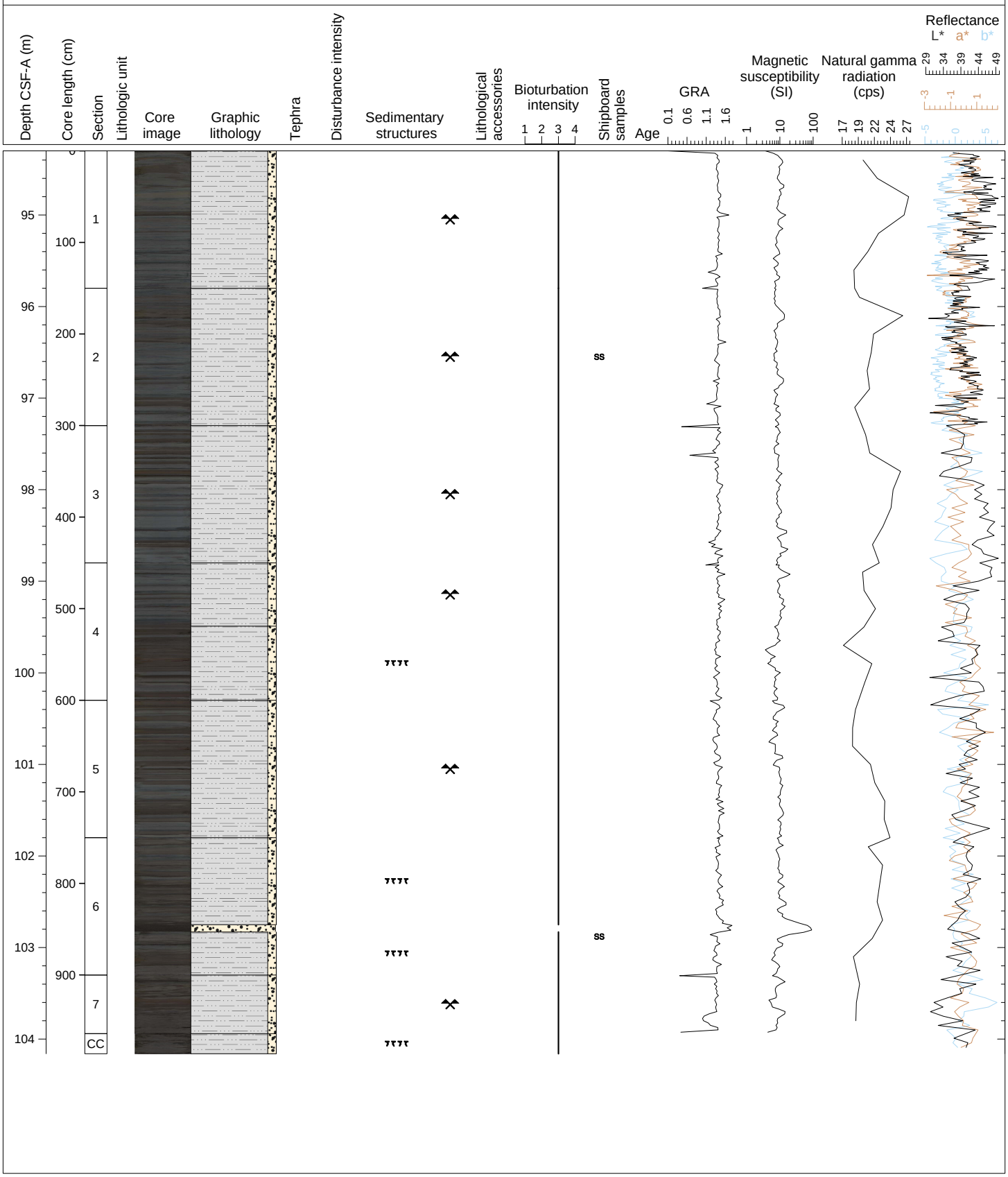
Hole 346-U1422D Core 11H, Interval 84.8-94.79 m (CSF-A)

SILTY CLAY (olive gray to dark olive gray) and DIATOM-RICH SILTY CLAY (grayish green and gray) with lesser amounts of SILTY SAND in mm to cm thick horizons. Slight to heavy bioturbation throughout.



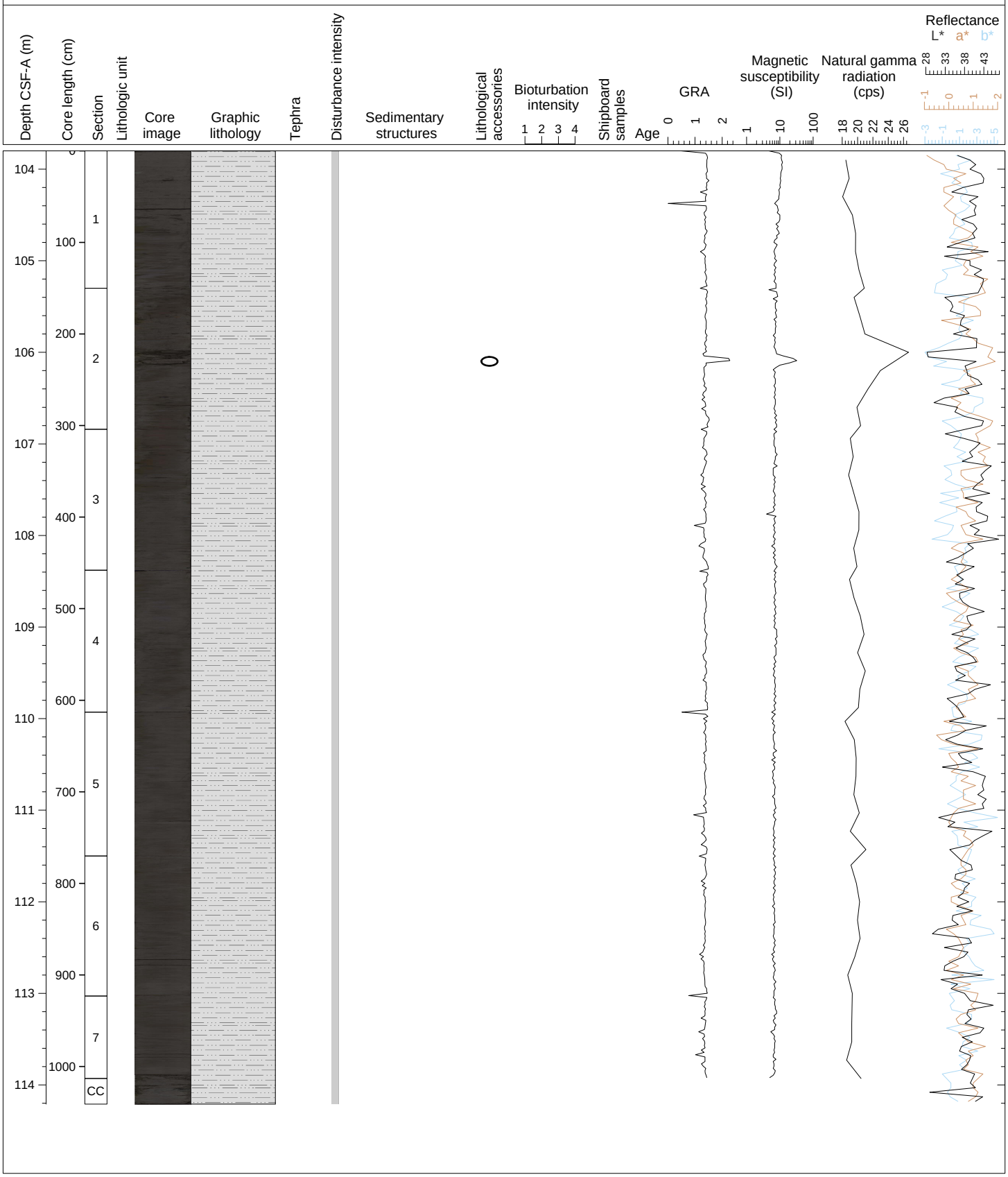
Hole 346-U1422D Core 12H, Interval 94.3-104.16 m (CSF-A)

Homogeneous SILTY CLAY (light greenish gray) grading downward to DIATOM-RICH SILTY CLAY (olive green) in Section 4 at 68 cm. Minor amounts of SILTY SAND occur as mm to cm thick discrete layers with sharp bottom contacts and normal grading. A very prominent sandy layer is recorded in Section 6 from 95 to 103 cm. Sediment is mostly mottled with evidence of heavy bioturbation.



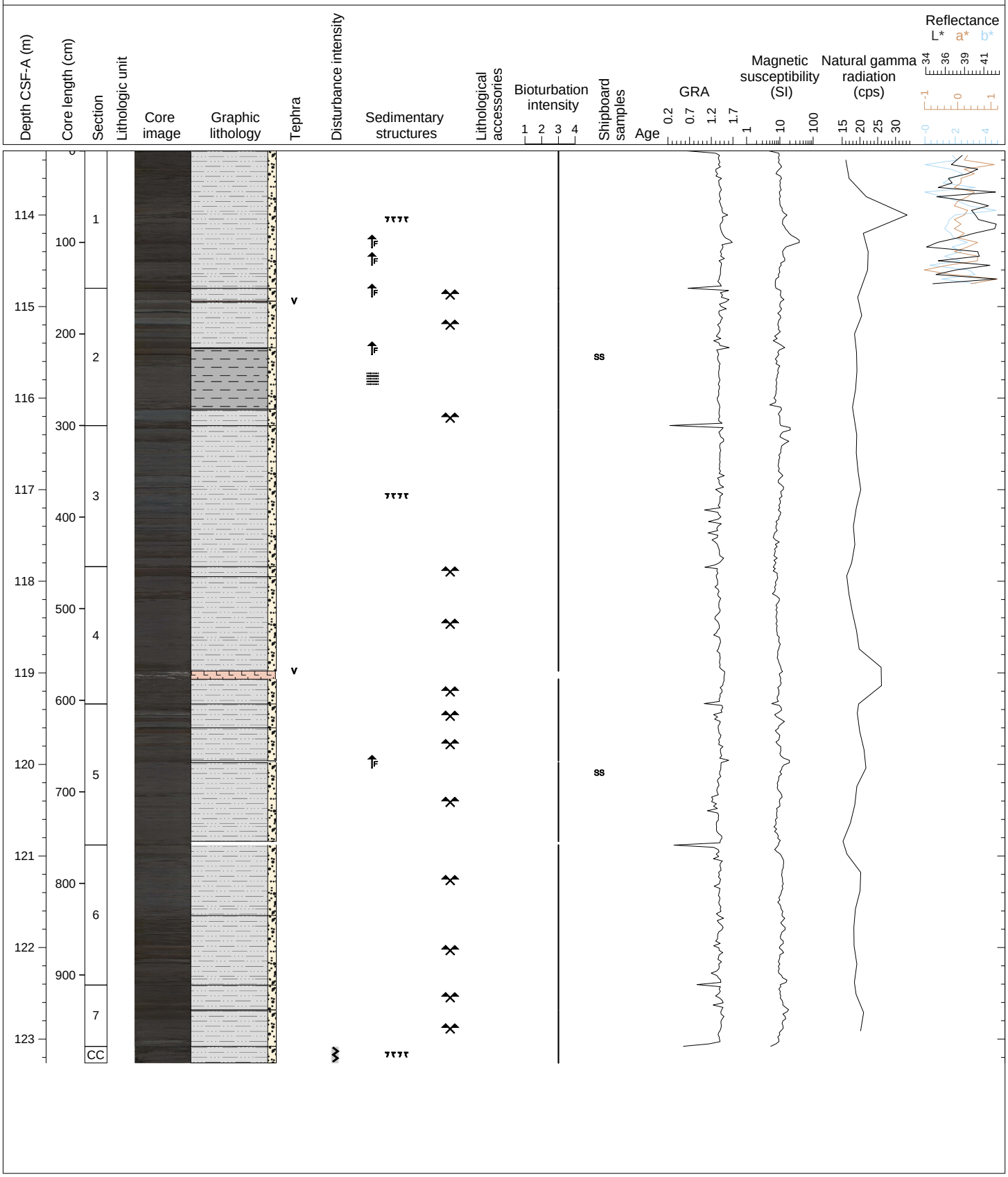
Hole 346-U1422D Core 13H, Interval 103.8-114.21 m (CSF-A)

DIATOM-RICH SILTY CLAY (grayish green and gray). Entire core severely disturbed during drilling (suck-in).



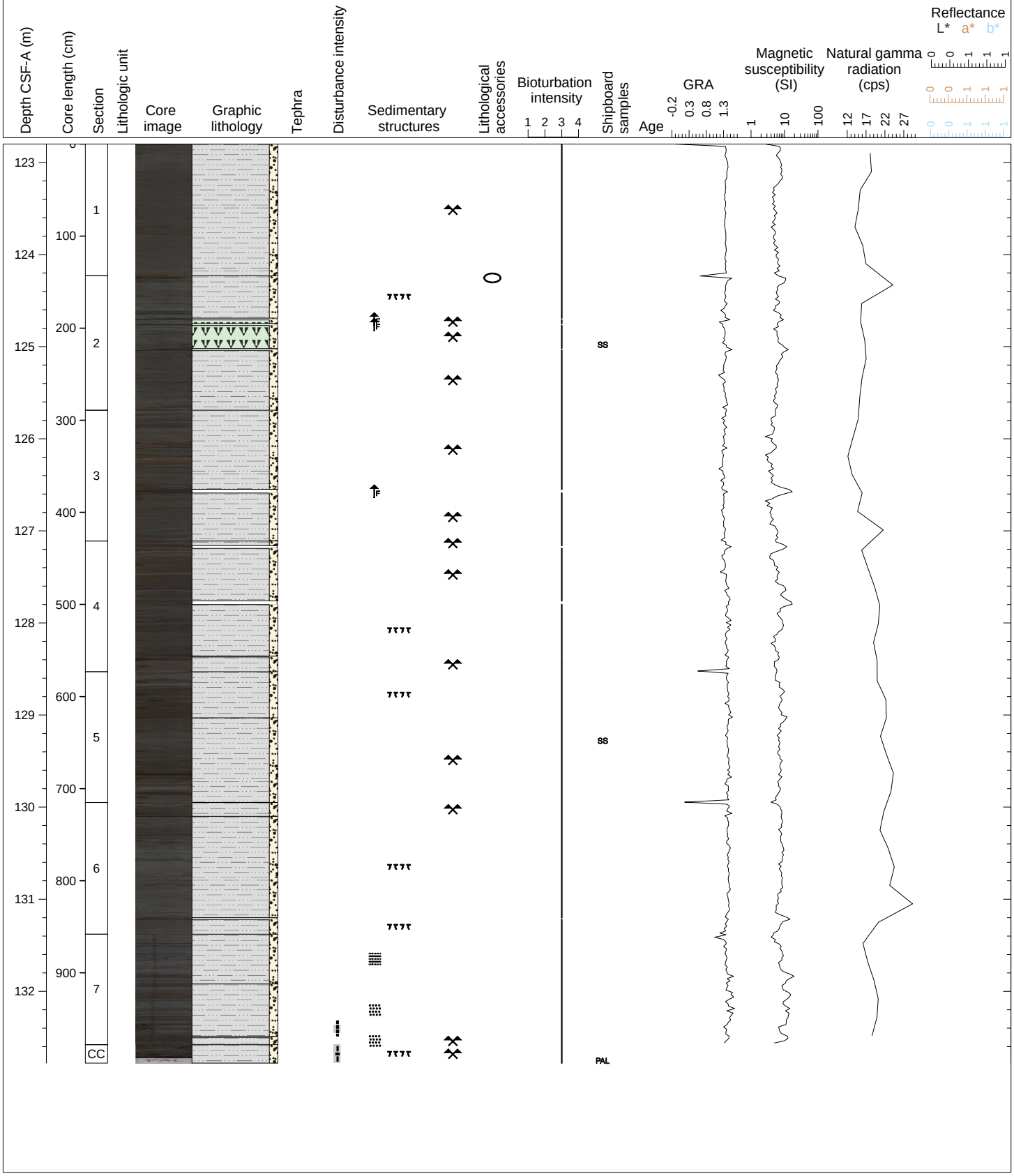
Hole 346-U1422D Core 14H, Interval 113.3-123.26 m (CSF-A)

DIATOM-RICH SILTY CLAY (grayish green and gray) and SILTY CLAY (light greenish gray). SILTY SAND occurs as a minor lithology throughout in mm to cm thick horizons. Subtle color banding is evident and much of the core has a mottled appearance due to heavy bioturbation.



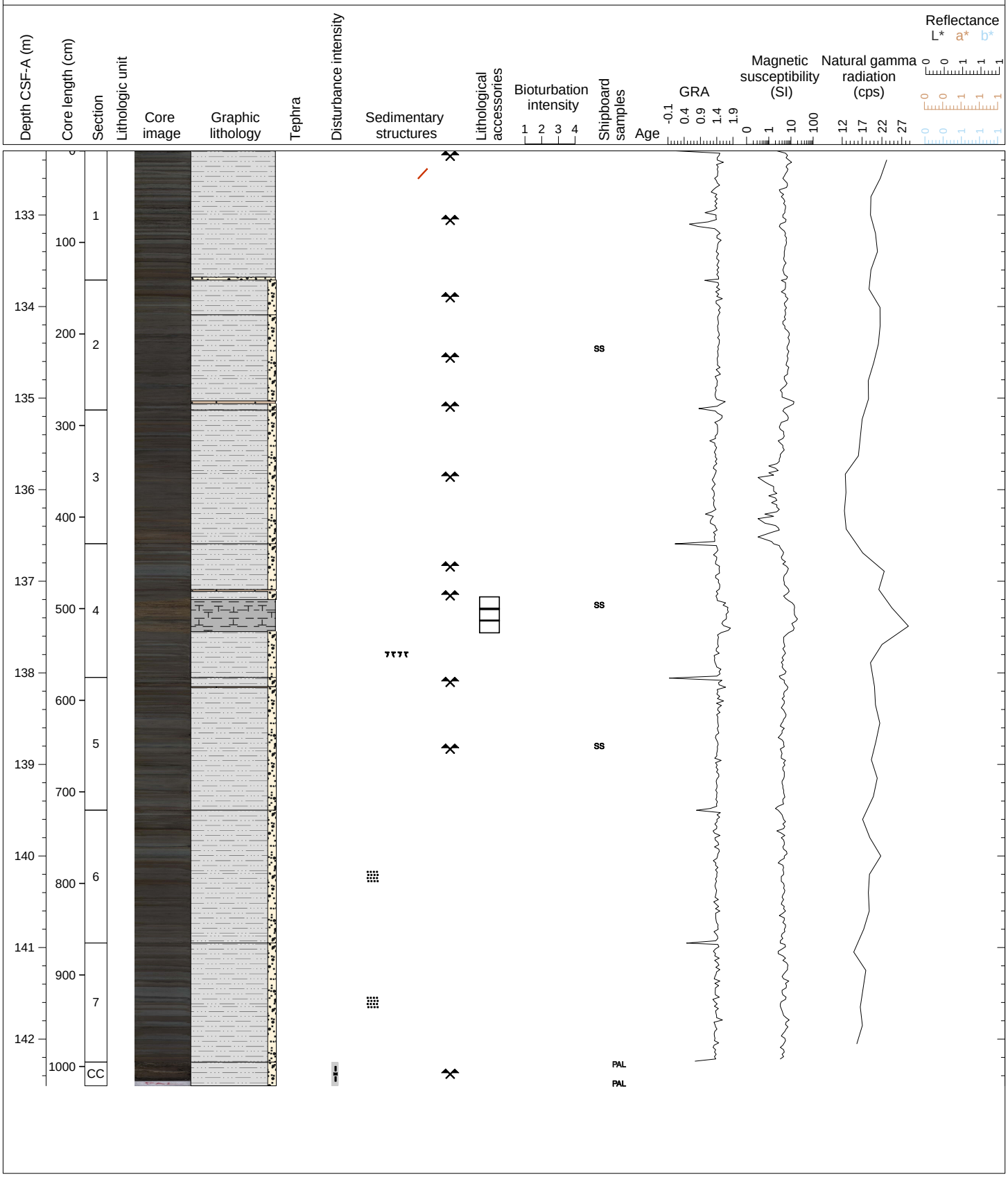
Hole 346-U1422D Core 15H, Interval 122.8-132.78 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding (yellowish brown to dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading. Sediment shows evidence of heavy bioturbation (mottling).



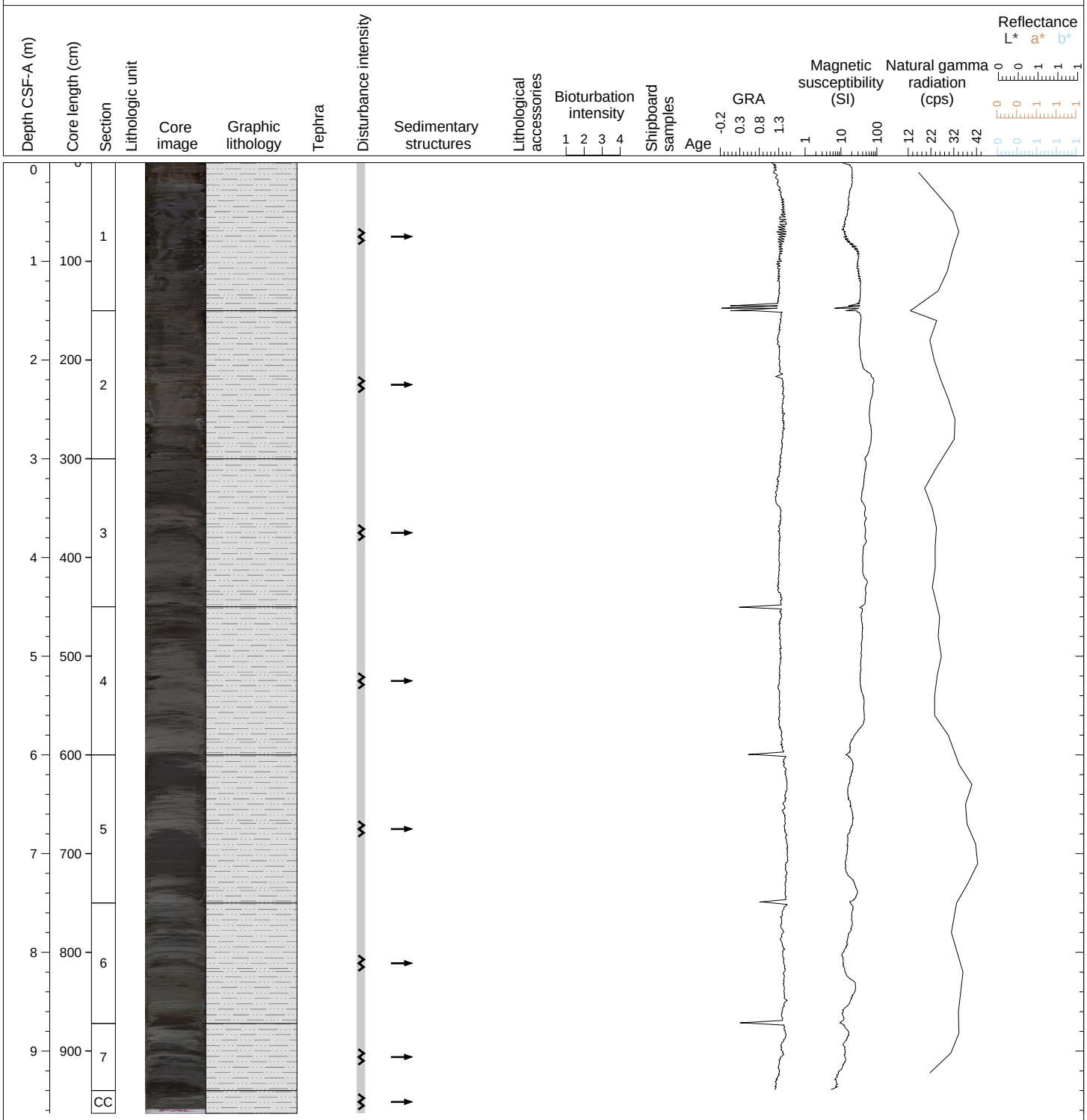
Hole 346-U1422D Core 16H, Interval 132.3-142.51 m (CSF-A)

DIATOM RICH SILTY CLAY (gray to greenish gray) and DIATOMACEAOUS SILTY CLAY (light greenish gray) with regular color banding (yellowish brown to dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading. Sediment shows evidence of slight to heavy bioturbation (mottling).



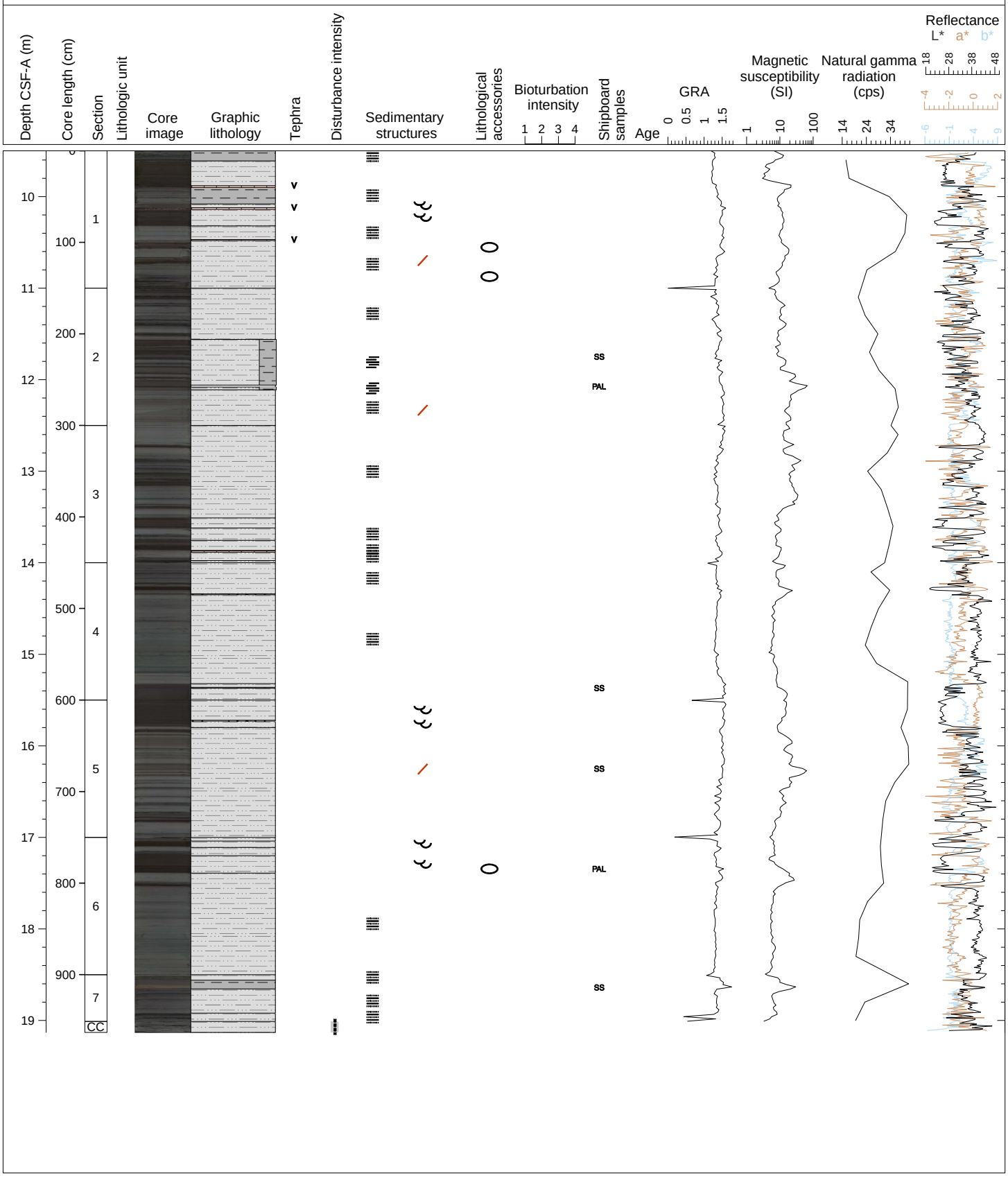
Hole 346-U1422E Core 1H, Interval 0.0-9.63 m (CSF-A)

SILTY CLAY (greenish gray). Entire core is disturbed (suck in).



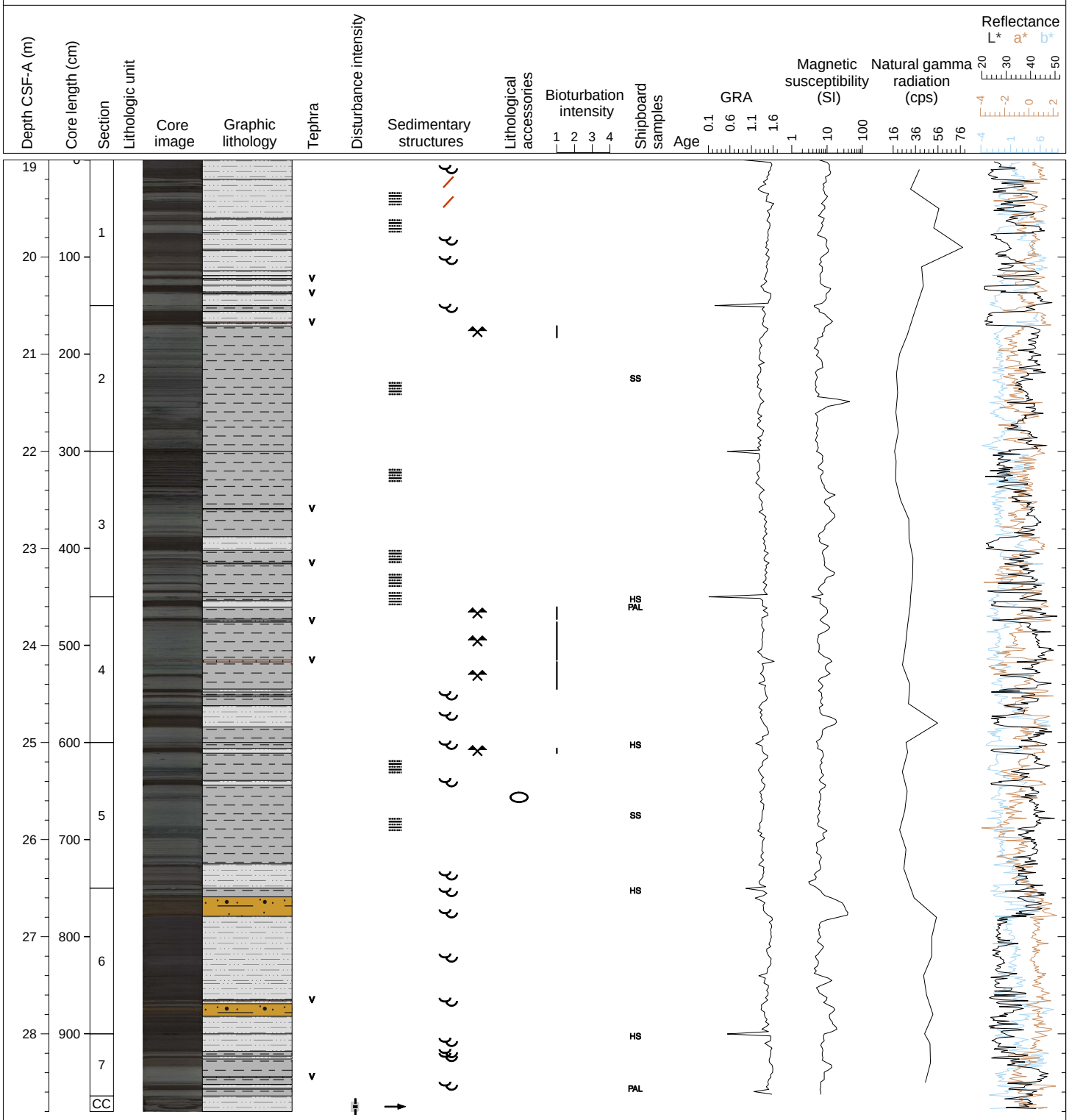
Hole 346-U1422E Core 2H, Interval 9.5-19.13 m (CSF-A)

SILTY CLAY (greenish gray and dark olive gray) with parallel laminations and color banding (dark gray to greenish gray) present throughout. Foraminifer-rich silt layer occurs at 108 cm in Section 2. A pyrite nodule occurs in Section 6 at 34 cm.



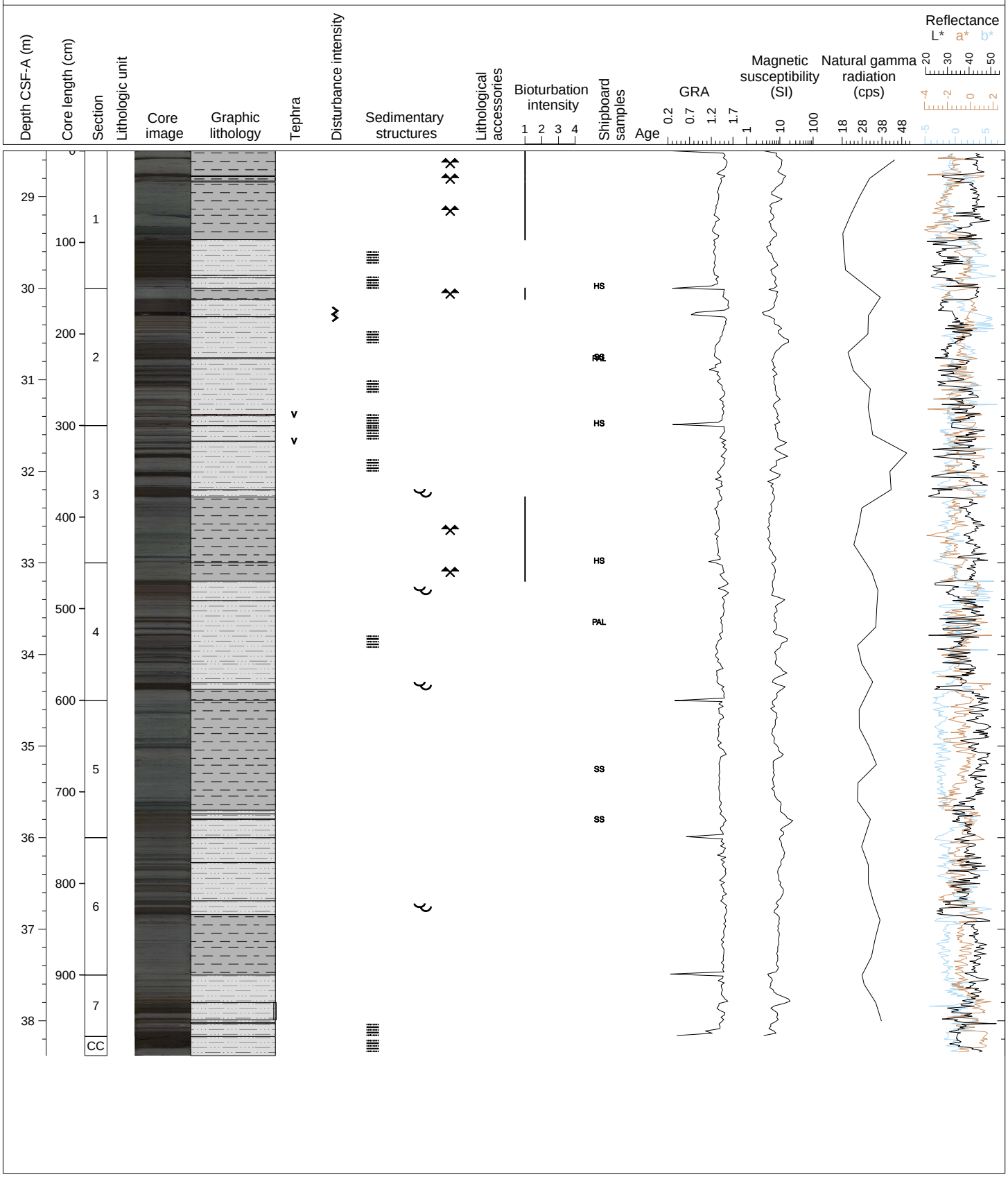
Hole 346-U1422E Core 3H, Interval 19.0-28.8 m (CSF-A)

Interbedded CLAY (light gray) and SILTY CLAY (olive gray to dark olive gray) with regular color banding throughout (light gray to dark olive gray). Numerous TEPHRA layers (vitric type) and some laminations although much of the core shows evidence of slight to heavy bioturbation. Pyritized nodules are present, and there are thin interval of mostly pure foraminifera ooze at 125 and 137 cm in Section 4. Moderate drilling disturbance has affected the top 5 cm of the core.



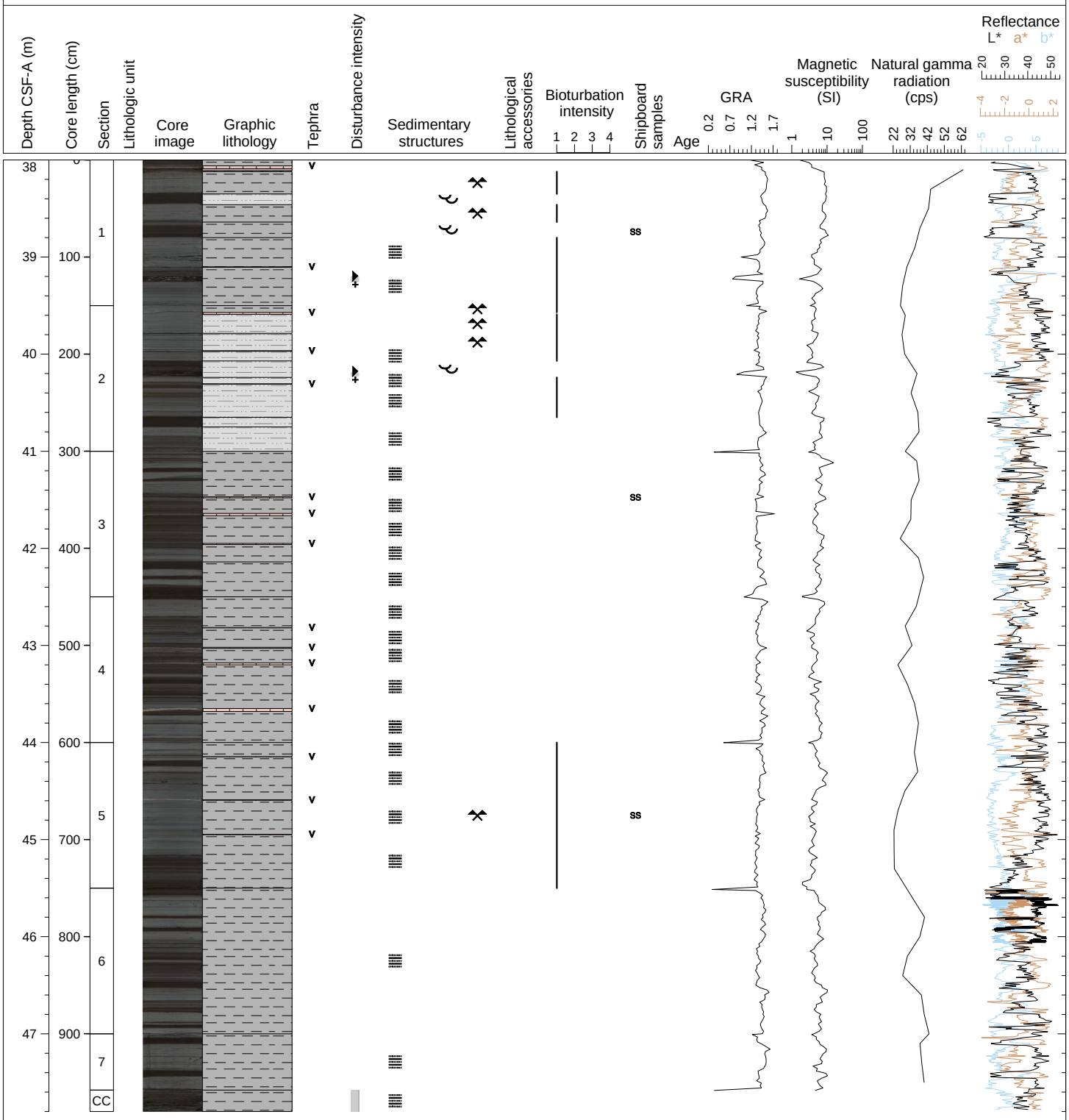
Hole 346-U1422E Core 4H, Interval 28.5-38.38 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with some foraminifer-bearing SANDY SILT (dark brown) layers. TEPHRA (vitic type) layers present throughout, with color banding (light gray to greenish gray) and some finer lamination over intervals.



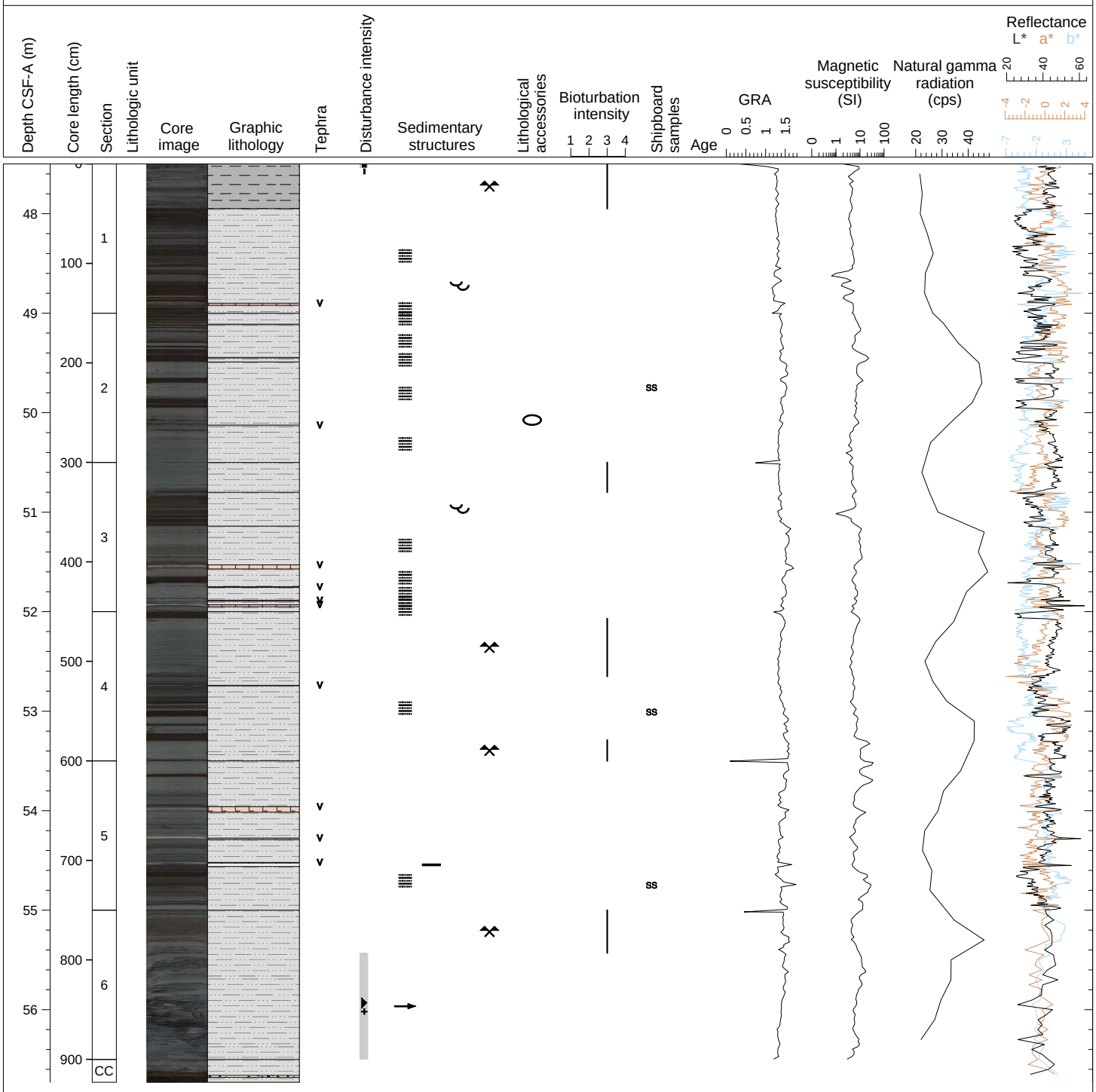
Hole 346-U1422E Core 5H, Interval 38.0-47.8 m (CSF-A)

CLAY (light gray) to SILTY CLAY (olive gray to dark olive gray) with numerous TEPHRA (vitric type, both white and dark gray pyrite-bearing) layers. Color banding (light greenish gray to greenish gray) throughout the core, but more apparent in Sections 6 and 7. Slight to heavy bioturbation. Brownish layers are occasionally foram- and pyrite-bearing. Some larger unidentified clasts are present in Section 6.



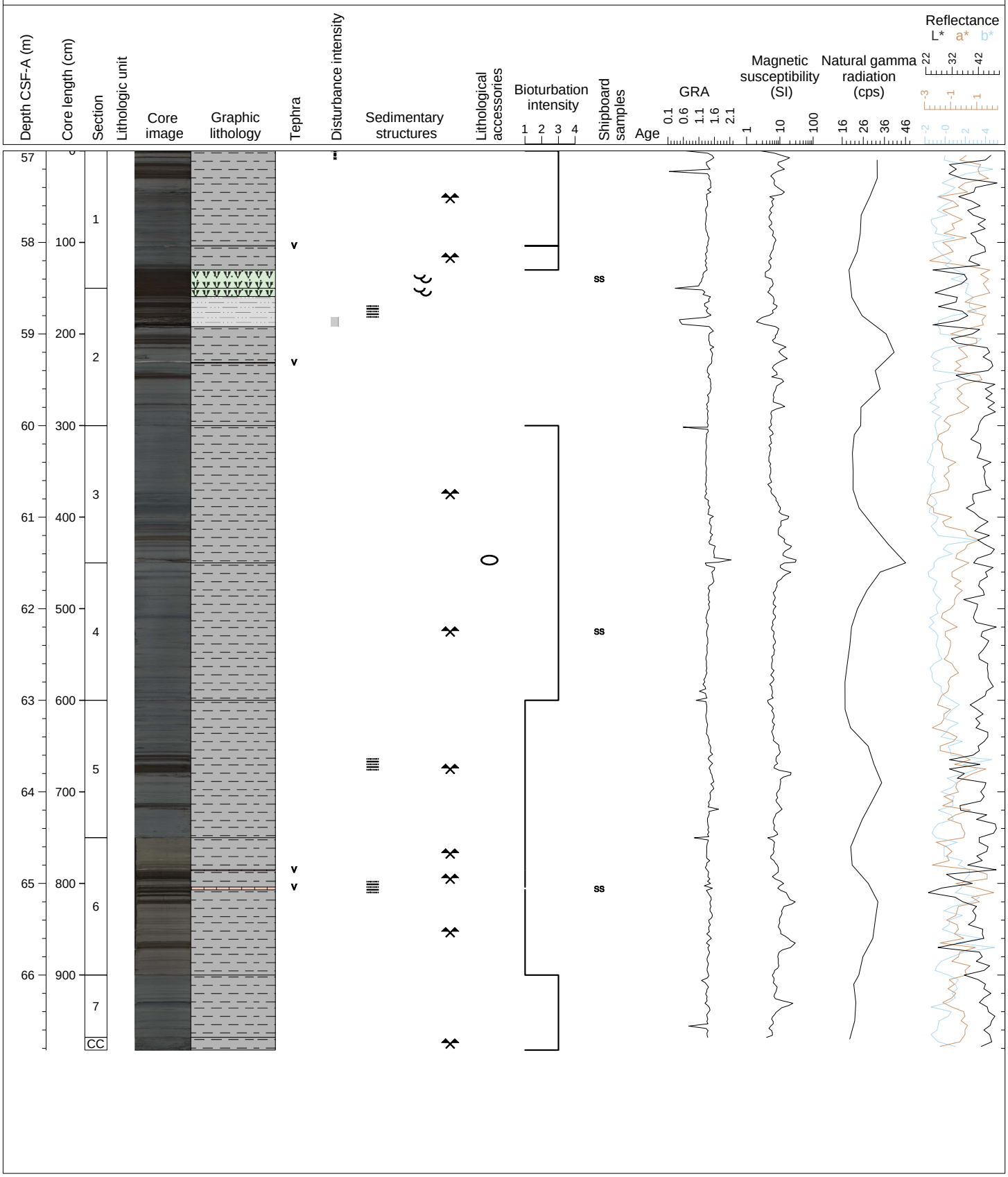
Hole 346-U1422E Core 6H, Interval 47.5-56.73 m (CSF-A)

SILTY CLAY (light gray to dark brown) with numerous distinct white TEPHRA (vitric type) layers. Color banding (light greenish gray, dark green to dark brown) throughout the core, some slight bioturbation. Some brownish layers are foraminifer-bearing. From Section 6, 43 cm, to the bottom of the core, the sediments are highly disturbed and a piece of the liner has been sucked in.



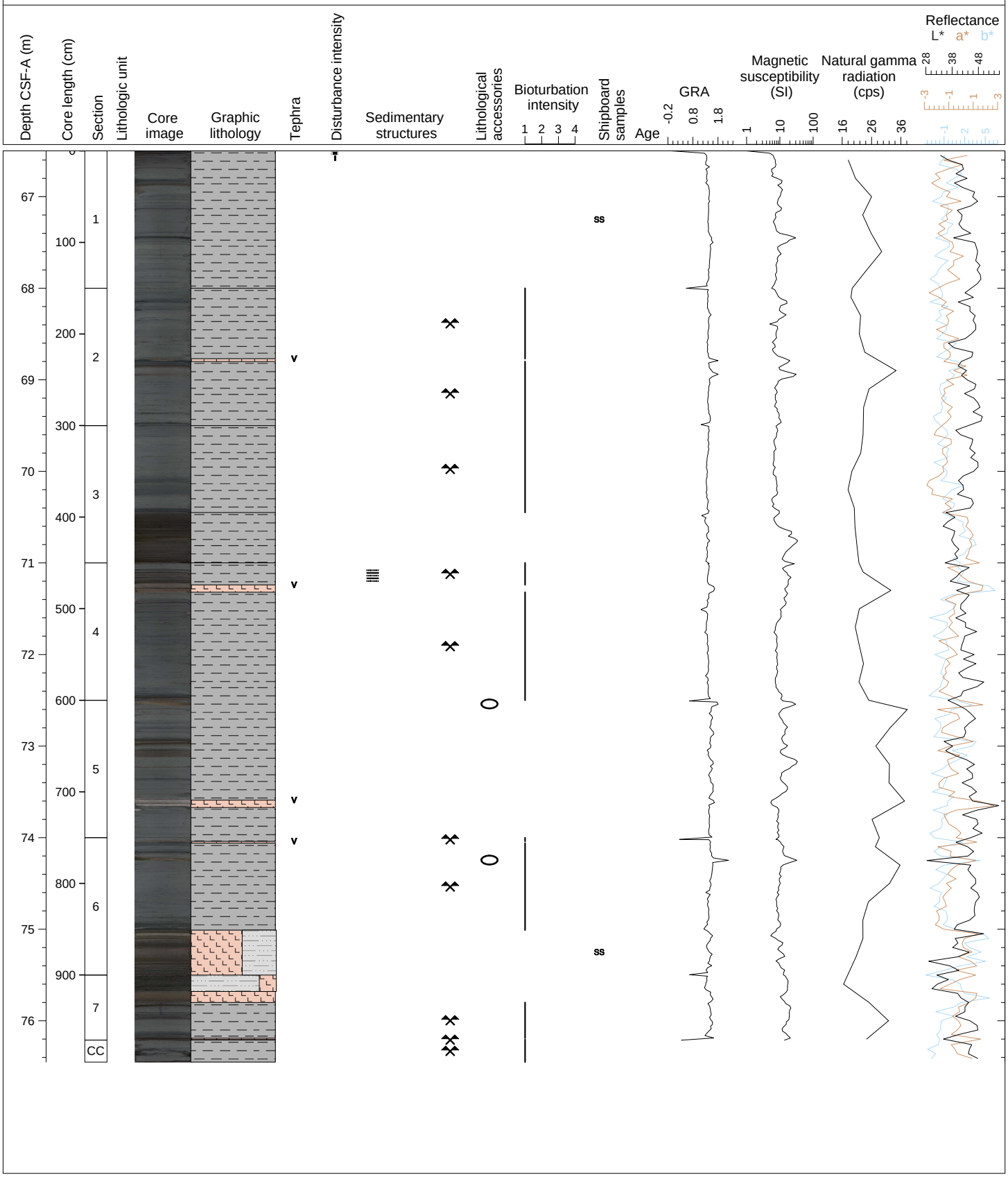
Hole 346-U1422E Core 7H, Interval 57.0-66.82 m (CSF-A)

Interbedded CLAY and SILTY CLAY (light greenish gray). Largely structureless but with a few intervals showing color banding (brown bands). Slightly to moderately bioturbated over most of core. Several distinct TEPHRA (vitric type, white) layers are visible. Laminated SILTY DIATOM OOZE is a minor lithology found at the bottom of Section 1 and top of Section 2. Drilling disturbance (wash-out) in Section 2.



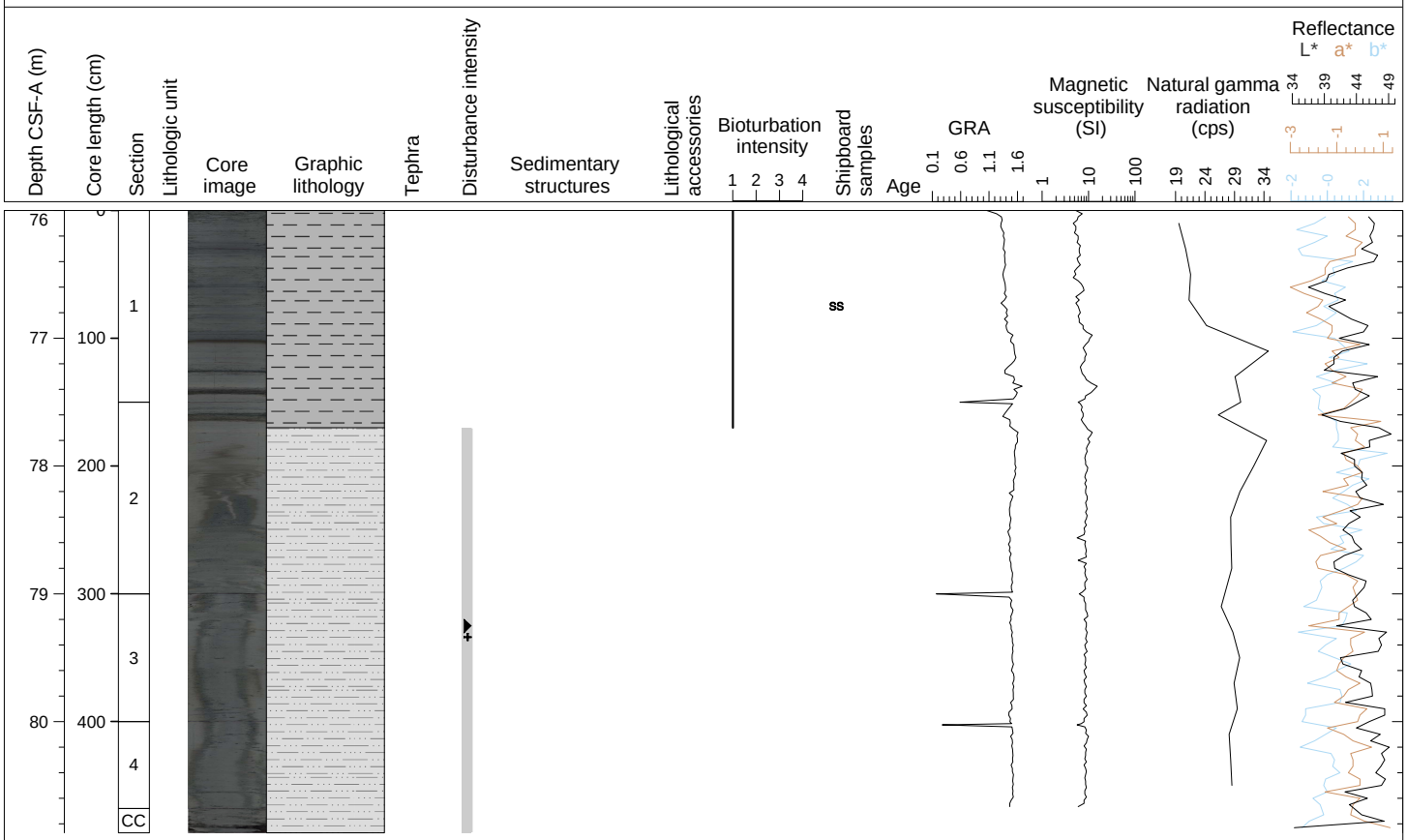
Hole 346-U1422E Core 8H, Interval 66.5-76.45 m (CSF-A)

Dominantly CLAY (light greenish gray) with a few discrete TEPHRA layers (vitric type). A prominent SILTY CLAYEY TEPHRA interval occupies the lower part of Section 6 and upper part of Section 7.



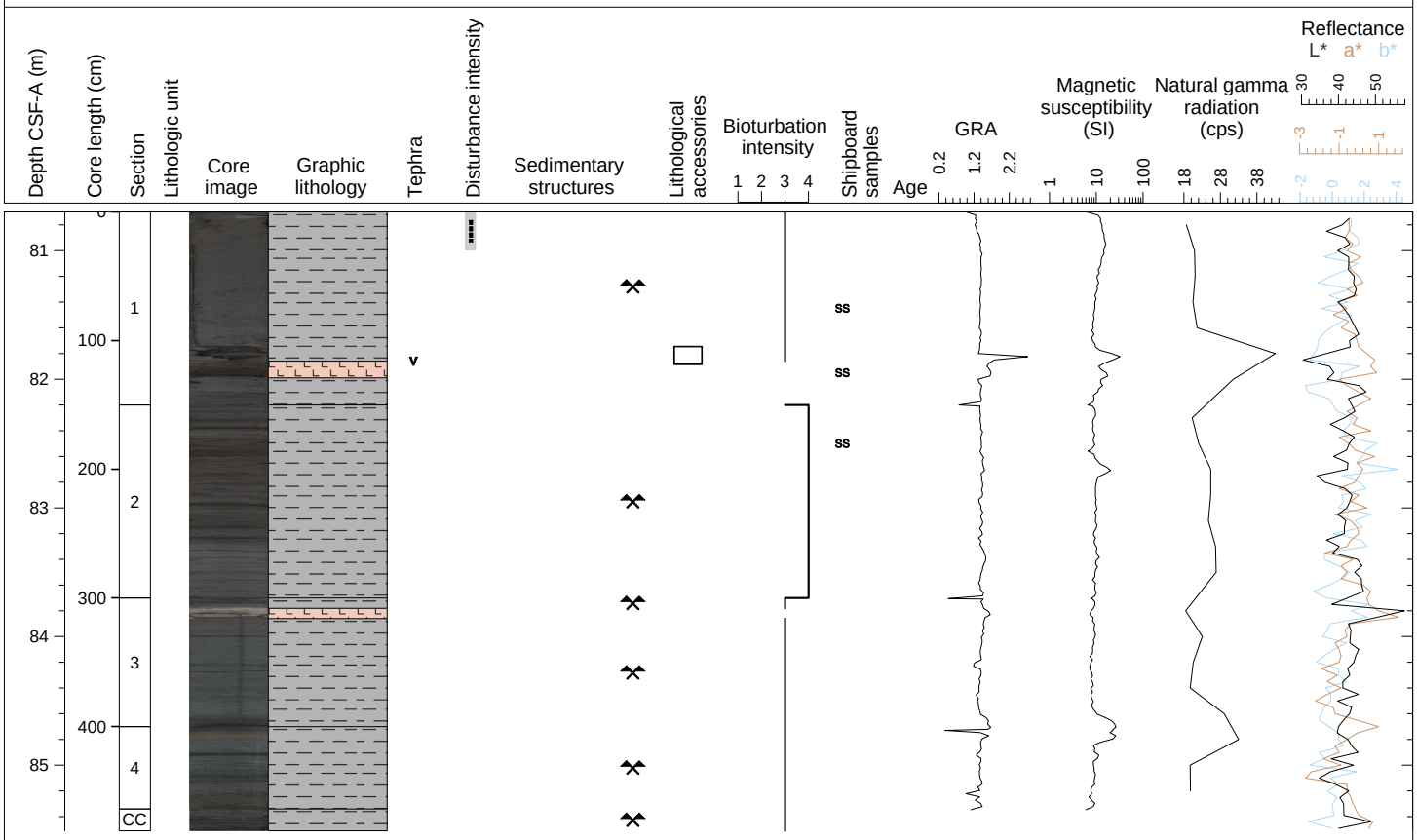
Hole 346-U1422E Core 9H, Interval 76.0-80.87 m (CSF-A)

CLAY (light greenish gray) with some color banding in upper 170 cm. Below this depth, the core is fully destroyed due to suck in.



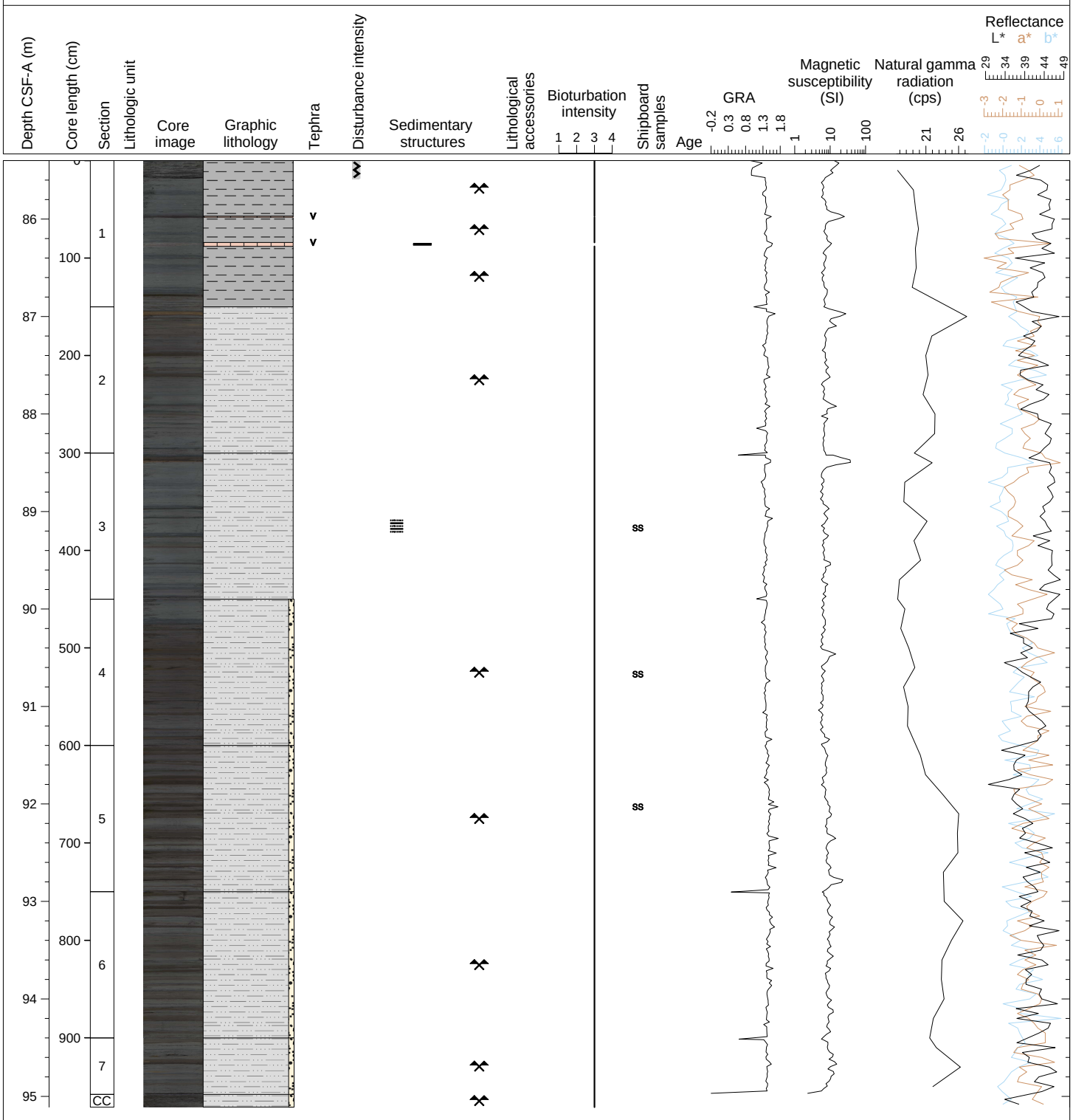
Hole 346-U1422E Core 10H, Interval 80.7-85.51 m (CSF-A)

Dominantly CLAY (light gray) with a few discrete, 1-3 cm thick TEPHRA layers (vitric type). Sediment is generally mottled from heavy bioturbation.



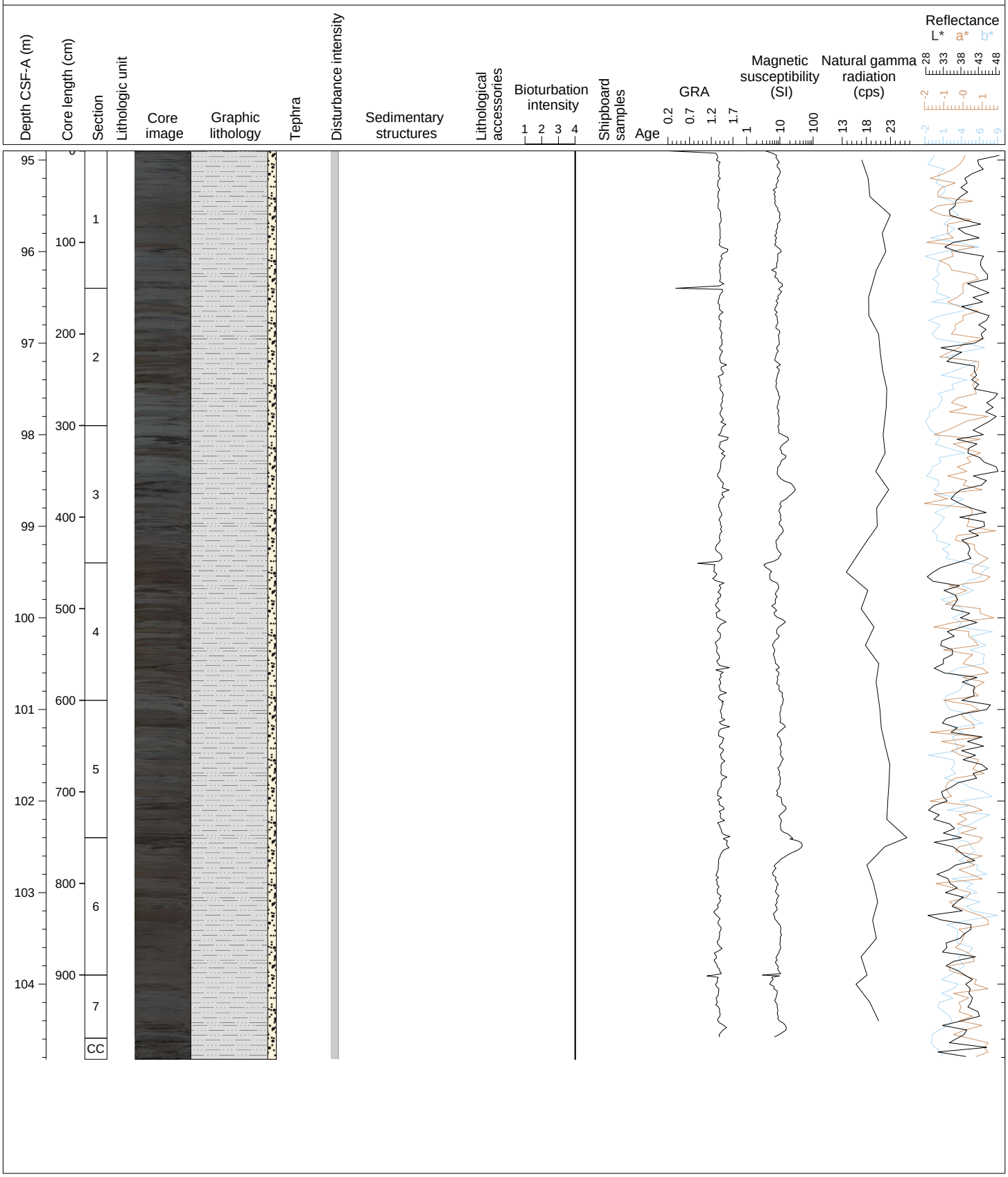
Hole 346-U1422E Core 11H, Interval 85.4-95.11 m (CSF-A)

CLAY (light greenish gray) and DIATOM RICH SILTY CLAY (gray to greenish gray) with regular color banding (yellowish brown to dark brownish gray). SILTY SAND occurs in mm scale to 1-3 cm thick layers, typically with a sharp or erosional bottom contact with normal grading. Sediment shows heavy bioturbation (mottling). Tephra (vitric type) dispersed throughout. Slight drilling disturbance occurs in the top 20 cm of the core.



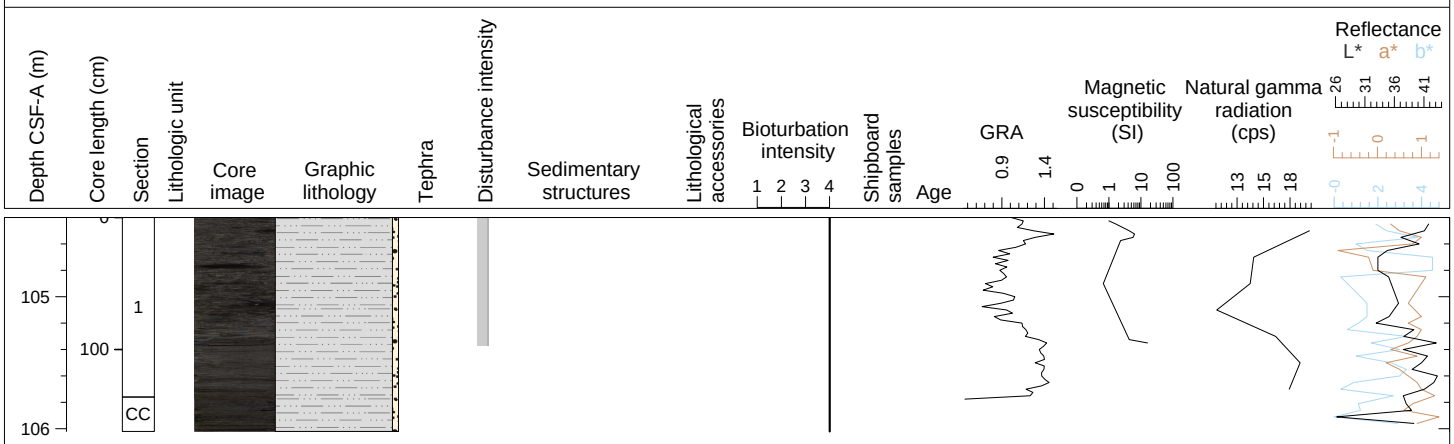
Hole 346-U1422E Core 12H, Interval 94.9-104.82 m (CSF-A)

DIATOM RICH SILTY CLAY (greenish gray) and SILTY SAND (dark gray). Sediment is mottled from moderate bioturbation. Silty Sand typically appears in pockets. Most of the core is moderately to severely disturbed (suck in).



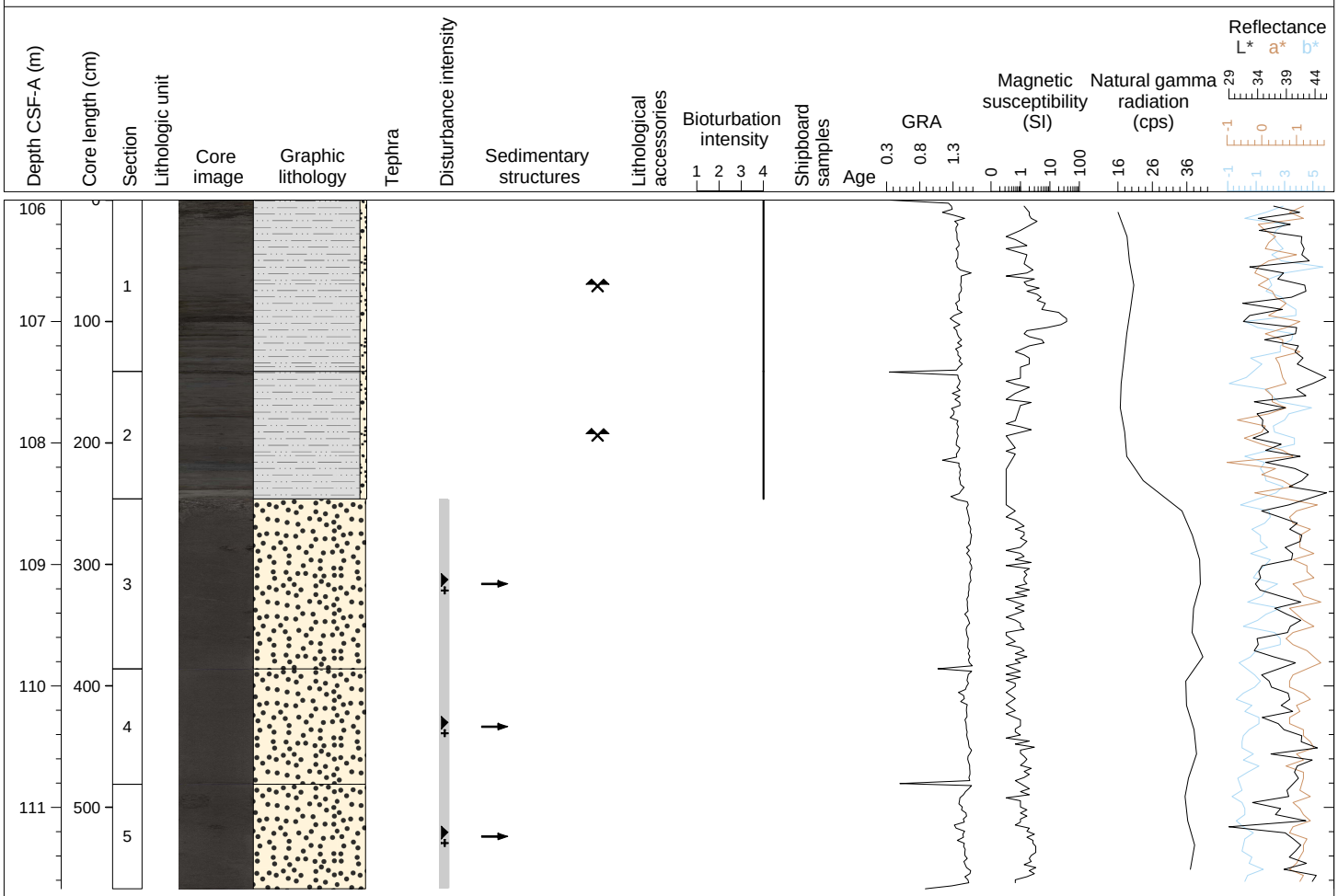
Hole 346-U1422E Core 13H, Interval 104.4-106.02 m (CSF-A)

DIATOM RICH SILTY CLAY (greenish gray) and SILTY SAND (dark gray). Sediment is generally mottled from bioturbation. Silty Sand typically appears in pockets rather than layers. Most of the core shows moderate to severe drilling disturbance.



Hole 346-U1422E Core 14H, Interval 106.0-111.67 m (CSF-A)

DIATOM-RICH SILTY CLAY (greenish gray, brownish, olive green), mottled, with SILTY SAND (dark gray) found in both layers and pockets. The entire core shows evidence of moderate to severe drilling disturbance. Sections 4 to 6 consist dominantly of SAND related to drilling disturbance (suck-in).



Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Lithic grains abundance (name)	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Biotite abundance (name)	Clay minerals abundance (name)	Hornblende abundance (name)	Augite abundance (name)	Olivine abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Pyrite, authigenic abundance (name)	Opaques abundance (name)	Fe oxide abundance (name)	Calcite, authigenic abundance (name)	Volcanic crystal grain abundance (name)	Vitric grain abundance (name)	Mineral grain comment	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)	Biogenic fragment comment
346-U1422A-1H-1-A	0.3	0.31	1	50	49	4	95	0	0	1	100		A [A85]	R [A85]			A [A85]					C [A85]										Tr [A85]						
346-U1422A-1H-1-A 30/30-SS2	0.6	0.6	1	50	49	4	95			1	100	D [A85]	A [A85]	R [A85]	R [A85]		A [A85]					C [A85]										Tr [A85]						
346-U1422A-1H-1-A 97/97-SS3	1.94	1.94	0	5	95	2	98				100	D [A85]	A [A85]		R [A85]		A [A85]					R [A85]																green layer, very fine grains , clay,
346-U1422A-1H-2-A	2.25	2.26	1	8	91	4	95			1	100		R [A85]	R [A85]			A [A85]					R [A85]										Tr [A85]						
346-U1422A-1H-2-A 75/76-SS1	3	3.01	1	8	91	4	95			1	100	D [A85]	C [A85]	R [A85]	R [A85]		A [A85]					R [A85]										Tr [A85]						
346-U1422A-1H-3-A 94/94-SS5	4.88	4.88	80	20	0	70	30				100	A [A85]	R [A85]									A [A85]																tephra layer, mainly volcanic glass
346-U1422A-1H-5-A	6.75	6.76	1	10	89	10	89			1	100		A [A85]	R [A85]			A [A85]					R [A85]										Tr [A85]						Poor fossil preservation
346-U1422A-1H-5-A 62/62-SS18	7.238	7.238	4	80	16	2	98				100	D [A85]	A [A85]	R [A85]	R [A85]							R [A85]												Tr [A85]				very coarse grains, coarse silt, mostly are quartz
346-U1422A-1H-5-A 75/76-SS99	7.5	7.51	1	10	89	10	89		0	1	100	D [A85]	A [A85]	R [A85]	R [A85]		A [A85]		Tr [A85]			R [A85]										Tr [A85]						poor fossil preservation

Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Lithic grains abundance (name)	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Biotite abundance (name)	Clay minerals abundance (name)	Hornblende abundance (name)	Augite abundance (name)	Olivine abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Pyrite, authigenic abundance (name)	Opaques abundance (name)	Fe oxide abundance (name)	Calcite, authigenic abundance (name)	Volcanic crystal grain abundance (name)	Vitric grain abundance (name)	Mineral grain comment	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)	Biogenic fragment comment	
346-U1422B-1H-1-A 29/29-SED	0.58	0.58	0	30	70	2	98				100	D [A85]	C [A85]		R [A85]		C [A85]					A [A85]															abundant pyrite	
346-U1422B-1H-2-A 75/75-SS65	3	3	0	15	85	2	85			13	100	D [A85]	A [A85]		R [A85]		A [A85]					Tr [A85]										C [A85]		R [A85]				
346-U1422B-1H-4-A 30/30-SS96	5.1	5.1	10	80	10	95	5				100	R [A85]	R [A85]									Tr [A85]																white tephra layer, fresh sharp volcanic glass	
346-U1422B-1H-5-A 75/75-SS84	7.5	7.5	0	40	60	20	78			2	100	D [A85]	A [A85]		R [A85]		A [A85]					R [A85]												R [A85]				

Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Lithic grains abundance (name)	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Biotite abundance (name)	Clay minerals abundance (name)	Hornblende abundance (name)	Augite abundance (name)	Olivine abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Pyrite, authigenic abundance (name)	Opaques abundance (name)	Fe oxide abundance (name)	Calcite, authigenic abundance (name)	Volcanic crystal grain abundance (name)	Vitric grain abundance (name)	Mineral grain comment	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)	Wood fragments abundance (name)	Biogenic fragment comment
346-U1422C-1H-1-A 128/128-SS56	1.275	1.275	70	20	10	3	37		60		100	A [A85]	C [A85]		R [A85]		R [A85]					C [A85]							A [A85]						A [A85]			sand layer, abundant foraminifera
346-U1422C-1H-2-A 75/75-SS1	2.25	2.25	0	20	80	10	90		0	0	100	D [A85]	A [A85]		R [A85]		A [A85]					Tr [A85]																
346-U1422C-1H-3-A 18/18-SS60	3.175	3.175	0	80	20	50	50				100	A [A85]	A [A85]				C [A85]					Tr [A85]											Tr [A85]				basically 50% volcanic glass, 50% quartz+clay
346-U1422C-2H-1-A 125/125-SS29	5.85	5.85	0	85	15	98	2				100	R [A85]	R [A85]																		Tr [A85]							tephra layer, silt size volcanic glass
346-U1422C-2H-1-A 25/25-SS28	4.85	4.85	50	40	10	70	30				100	A [A85]	C [A85]		R [A85]		C [A85]					Tr [A85]																tephra layer, sharp fresh colorless glass
346-U1422C-2H-2-A 75/75-SS66	6.85	6.85	0	20	80	10	90				100	D [A85]	A [A85]		R [A85]		A [A85]					Tr [A85]										Tr [A85]		Tr [A85]				
346-U1422C-2H-5-A 75/75-SS67	11.35	11.35	0	10	90	10	80			10	100	D [A85]	A [A85]		R [A85]		A [A85]					C [A85]										Tr [A85]	C [A85]		Tr [A85]			
346-U1422C-2H-6-A 12/12-SS44	12.22	12.22	40	50	10	2	58		40		100	A [A85]	C [A85]		A [A85]		Tr [A85]					C [A85]							A [A85]						A [A85]			abundant foraminifers and feldspar
346-U1422C-3H-4-A 40/40-SS13	19	19	0	100	0	0	95		5		100	D [A85]													D [A85]				R [A85]							silt yellow layer, calcite
346-U1422C-3H-5-A 75/75-SS3	20.85	20.85	0	40	60	40	50			10	100	A [A85]	C [A85]		R [A85]		A [A85]					R [A85]										C [A85]		Tr [A85]				abundant volcanic glass
346-U1422C-3H-6-A 18/18-SS71	21.78	21.78	0	20	80	10	45			45	100	A [A85]	C [A85]		R [A85]		C [A85]					C [A85]							C [A85]		C [A85]	C [A85]		R [A85]		C [A85]		foraminiferas are filled with pyrite
346-U1422C-4H-2-A 100/100-SED	26.1	26.1		30	70		5	95			100		R [A85]		R [A85]					Tr [A85]		C [A85]			D [A85]												
346-U1422C-4H-2-A 75/75-SED	25.85	25.85	0	30	60		90			10	100	A [A85]	A [A85]									C [A85]									R [A85]	R [A85]		R [A85]			R [A85]	
346-U1422C-4H-2-A 75/75-SED-SED	26.85	26.85	0	30	60		90			10	100		C [A85]		R [A85]							R [A85]		Tr [A85]	Tr [A85]							A [A85]						
346-U1422C-5H-1-A 63/63-SED	33.725	33.725				100					100					D [A85]																						
346-U1422C-5H-2-A 75/75-SED	35.35	35.35		20	80		95			5	100		C [A85]				C [A85]					R [A85]					R [A85]							Tr [A85]				
346-U1422C-5H-3-A 108/109-SED	37.08	37.09		80	20	100					100												R [A85]			C [A85]	D [A85]											
346-U1422C-5H-4-A 63/63-SED	38.13	38.13				100					100															A [A85]	D [A85]											
346-U1422C-5H-5-A 18/19-SED	39.18	39.19				100					100												C [A85]			C [A85]	D [A85]											
346-U1422C-5H-5-A 73/73-SED	39.725	39.725	10	10	80		100				100						C [A85]											The sample corresponds to a green layer. It appears to be made of aggregated material (detritic material, minerals) possibly chemically altered										
346-U1422C-5H-5-A 75/75-SED	39.75	39.75		20	80		90			10	100		C [A85]	R [A85]			C [A85]					R [A85]						The sample corresponds to			C [A85]	R [A85]		R [A85]				
346-U1422C-5H-7-A 2/2-SED	41.715	41.715				100					100												R [A85]			C [A85]	D [A85]											
346-U1422C-6H-1-A 89/89-SED	43.49	43.49				100					100																											
346-U1422C-6H-2-A 48/48-SED	44.58	44.58				100					100												R [A85]			C [A85]	A [A85]					Tr [A85]						
346-U1422C-6H-2-A 75/75-SED	44.85	44.85		40	60		95			5	100		C [A85]									R [A85]					R [A85]				R [A85]	R [A85]						
346-U1422C-6H-2-A 91/91-SED	45.005	45.005				95				5	100															C [A85]	C [A85]					Tr [A85]						
346-U1422C-6H-4-A 110/110-SED	48.2	48.2				100					100					Tr [A85]										C [A85]	A [A85]											
346-U1422C-6H-5-A 105/105-SED	49.65	49.65				100					100					Tr [A85]										C [A85]	C [A85]						Tr [A85]					
346-U1422C-6H-5-A 116/116-SED	49.755	49.755				95				5	100												R [A85]			R [A85]	A [A85]					Tr [A85]		Tr [A85]				
346-U1422C-6H-5-A 126/126-SED	49.86	49.86		20	80	20	80				100		R [A85]				C [A85]						C [A85]			R [A85]	A [A85]					R [A85]	Tr [A85]						
346-U1422C-6H-5-A 75/75-SED	49.35	49.35		20	80		20			80	100		C [A85]			Tr [A85]	C [A85]				C [A85]					C [A85]	A [A85]					D [A85]	R [A85]						
346-U1422C-6H-6-A 99/99-SED	51.09	51.09				100					100												R [A85]			C [A85]	D [A85]											
346-U1422C-6H-7-A 47/47-SED	52.065	52.065			100					100	100						A [A85]															D [A85]						
346-U1422C-7H-2-A 18/18-SED	53.78	53.78		50	50	100					100							R [A85]					R [A85]			C [A85]	A [A85]											
346-U1422C-7H-2-A 45/45-SED	54.05	54.05		80	20	100					100												R [A85]			R [A85]	D [A85]	Well preserved volcanic grains, little alteration										
346-U1422C-7H-2-A 67/67-SED	54.265	54.265		80	20	50	50				100					Tr [A85]							A [A85]			D [A85]	A [A85]	Abundant pyrite. Some acicular elong				Tr [A85]						
346-U1422C-7H-2-A 75/75-SED	54.35	54.35		20	80								C [A85]				C [A85]											Abundant dark aggregates										
346-U1422C-7H-5-A 135/135-SED	59.445	59.445			100	100					100						A [A85]						A [A85]			C [A85]	D [A85]											
346-U1422C-7H-5-A 75/75-SED	58.85	58.85		20	80	5	95				100		C [A85]				C [A85]					C [A85]				R [A85]						Tr [A85]						
346-U1422C-7H-5-A 84/84-SED	58.94	58.94		80	20	100					100												C [A85]			C [A85]	A [A85]	mainly angular, sharp vitric			Tr [A85]			R [A85]				
346-U1422C-8H-2-A 117/117-SED	64.27	64.27		20	80	100					100						C [A85]						R [A85]			R [A85]	D [A85]											
346-U1422C-8H-2-A 140/140-SED	64.5	64.5	5	10	85	100					100						C [A85]						A [A85]				A [A85]											
346-U1422C-8H-2-A 75/75-SED	63.85	63.85		20	80		100				100		R [A85]				C [A85]										R [A85]	Lot of altered material											
346-U1422C-8H-4-A 63/63-SED	66.73	66.73		90	10	100					100			R [A85]									C [A85]			R [A85]	D [A85]	Small opaque minerals										
346-U1422C-9H-1-A 28/28-SED	71.38	71.38	50	50	0	100					100												R [A85]			R [A85]	D [A85]	sand size sharp fresh colorless galss										
346-U1422C-9H-1-A 31/31-SED	71.405	71.405	90	10	0	100					100												R [A85]			R [A85]	D [A85]	fresh colorless sharp glass										
346-U1422C-9H-2-A 74/74-SED	73.34	73.34	3	10	87	10	90				100		A [A85]		R [A85]		A [A85]						R [A85]			Tr [A85]	C [A85]											
346-U1422C-9H-2-A 76/76-SED	73.36	73.36	80	20	0	100					100		R [A85]													R [A85]	D [A85]											
346-U1422C-9H-2-A 96/96-SED	73.56	73.56	0	90	10	3	70		27		100												R [A85]		D [A85]		R [A85]		C [A85]							C [A85]		
346-U1422C-9H-3-A 100/100-SED	75.11	75.11	30	40	30	90	10				100						C [A85]						R [A85]			C [A85]	D [A85]	sharp clean glass										
346-U1422C-9H-3-A 30/30-SED	74.41	74.41	20	60	20	100					100												R [A85]			R [A85]	D [A85]											
346-U1422C-9H-3-A 53/53-SED	74.64	74.64	90	10	0	80	20				100												C [A85]			C [A85]	D [A85]											
346-U1422C-10H-1-A 39/39-SED	78.19	78.19	0	80	20	50	50				100	A [A85]					C [A85]						A [A85]			A [A85]	C [A85]					Tr [A85]		Tr [A85]				
346-U1422C-10H-2-A 116/116-SED	80.46	80.46	10	60	30	40	20		40		100	C [A85]					C [A85]						R [A85]			A [A85]	C [A85]			A [A85]	R [A85]	R [A85]		R [A85]		A [A85]		
346-U1422C-10H-2-A 4/4-SED	79.34	79.34	0	90	10	100					100	R [A85]											R [A85]			A [A85]	C [A85]	abundant coarse grains quartz and feldspar with comm				Tr [A85]						
346-U1422C-10H-2-A 57/57-SED	79.87	79.87	50	50		50	30		20		100												A [A85]			A [A85]	R [A85]		C [A85]			Tr [A85]			C [A85]		foram layer?	
346-U1422C-10H-2-A 70/70-SED	79.995	79.995	0	90	10	50			50		100												Tr [A85]			A [A85]	R [A85]		A [A85]		R [A85]			R [A85]		A [A85]		foraminifera layer	
346-U1422C-10H-2-A 75/75-SED	80.05	80.05	0	5	95	3	97				100	D [A85]	C [A85]		R [A85]		D [A85]						Tr [A85]				Tr [A85]						R [A85]		R [A85]				
346-U1422C-10H-2-A 75/75-SED	80.05	80.05	5	75	20	40	20		40		100	C [A85]					C [A85]						R [A85]			C [A85]	C [A85]		A [A85]							A [A85]		foraminifera layer	
346-U1422C-10H-2-A 89/89-SED	80.19	80.19	10	90	0	80			20		100												R [A85]			A [A85]	C [A85]		C [A85]			R [A85]		R [A85]		C [A85]			
346-U1422C-10H-2-A 99/99-SED	80.29	80.29	0	90	10	100					100												Tr [A85]			C [A85]	D [A85]					Tr [A85]		Tr [A85]				
346-U1422C-10H-3-A 120/120-SED	82	82	0	10	90	3	90			7	100	D [A85]	A [A85]		R [A85]		A [A85]						R [A85]				R [A85]					R [A85]	R [A85]		R [A85]				
346-U1422C-10H-3-A 142/142-SED	82.22	82.22	3	67	30		40		40	20	100	A [A85]	C [A85]				C [A85]						Tr [A85]				R [A85]			A [A85]				C [A85]		A [A85]		foraminifera layer	
346-U1422C-10H-3-A 69/69-SED	81.485	81.485	80	20		100					100												Tr [A85]			C [A85]	D [A85]		R [A85]			Tr [A85]				R [A85]		
346-U1422C-10H-4-A 115/115-SED	83.49	83.49	70	30		100					100												R [A85]			C [A85]	D [A85]											
346-U1422C-10H-4-A 17/17-SED	82.51	82.51	0	30	70		60		40		100	D [A85]					C [A85]						A [A85]				R [A85]		R [A85]							A [A85]		foram layer	
346-U1422C-10H-5-A 102/102-SED	84.88	84.88	0	95	5	60			40		100												R [A85]			A [A85]	C [A85]		A [A85]							A [A85]		foram layer/ ash layer	
346-U1422C-10H-5-A 123/123-SED	85.09	85.09	0	90	10	50			50		100												Tr [A85]			C [A85]	C [A85]		A [A85]							A [A85]		foram layer	
346-U1422C-10H-5-A 52/52-SED	84.38	84.38	0	95	5	100					100												R [A85]			C [A85]	D [A85]		R [A85]			Tr [A85]				R [A85]		
346-U1422C-10H-5-A 60/60-SED	84.46	84.46	0	95	5	100					100												Tr [A85]			C [A85]	D [A85]											
346-U1422C-10H-5-A 75/75-SED	84.61	84.61	0	7	93	10	90				100	D [A85]	A [A85]		R [A85]		A [A85]						Tr [A85]				C [A85]					Tr [A85]			Tr [A85]				
346-U1422C-10H-6-W 66/66-SED	86.05	86.05	0	70	30	80			20		100															A [A85]	C [A85]		C [A85]					R [A85]		C [A85]			
346-U1422C-10H-7-A 10/10-SED	86.99	86.99	5	95		100					100												R [A85]			D [A85]	R [A85]		R [A85]							R [A85]			
346-U1422C-10H-7-A 35/35-SED	87.24	87.24	10	90		80			20		100															C [A85]	D [A85]		C [A85]							C [A85]			
346-U1422C-11H-1-A 66/66-SED	87.96	87.96	0	95	5	60			40		100												R [A85]			A [A85]	C [A85]		A [A85]					R [A85]		A [A85]			
346-U1422C-11H-2-A 115/115-SED	89.71	89.71	50	50		30	40	30	30		130												A [A85]			A [A85]	R [A85]	abundan	A [A85]					Tr [A85]		A [A85]			
346-U1422C-11H-2-A 138/138-SED	89.94	89.94	10	80	10	60	20		20		100												C [A85]			A [A85]	C [A85]		C [A85]					R [A85]		C [A85]			
346-U1422C-11H-2-A 50/50-SED	89.06	89.06	5	75	20	50			50		100															A [A85]	C [A85]		A [A85]		C [A85]			R [A85]		A [A85]			
346-U1422C-11H-2-A 75/75-SED	89.31	89.31	0	10	90		80			20	100	D [A85]	C [A85]		R [A85]		A [A85]						Tr [A85]				R [A85]				C [A85]			R [A85]					
346-U1422C-11H-2-A 86/86-SED	89.42	89.42		30	70		50			50	100	A [A85]	C [A85]				A [A85]										R [A85]		A [A85]			C [A85]		R [A85]		A [A85]		foram layer	
346-U1422C-11H-3-W 135/135-SED	91.41	91.41	5	90	5	50				50	100												R [A85]			C [A85]	C [A85]		C [A85]					C [A85]		C [A85]			
346-U1422C-11H-3-W 3/3-SED	90.09	90.09	0	80	20	80	20			20	120						C [A85]						Tr [A85]			A [A85]	C [A85]		C [A85]					Tr [A85]		C [A85]			
346-U1422C-11H-4-W 132/132-SED	92.88	92.88	80	20		80	10		10		100												C [A85]			D [A85]	C [A85]		C [A85]							C [A85]			
346-U1422C-11H-4-W 141/141-SED	92.97	92.97	5			40	20		10	30	100																											

Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Lithic grains abundance (name)	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Biotite abundance (name)	Clay minerals abundance (name)	Hornblende abundance (name)	Augite abundance (name)	Olivine abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Pyrite, authigenic abundance (name)	Opaques abundance (name)	Fe oxide abundance (name)	Calcite, authigenic abundance (name)	Volcanic crystal grain abundance (name)	Vitric grain abundance (name)	Mineral grain comment	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)	Wood fragments abundance (name)	Biogenic fragment comment
346-U1422C-11H-4-W 141/141-SED	92.97	92.97	50	40	10	50			15	35	100												C [A85]			A [A85]	C [A85]		C [A85]					A [A85]		C [A85]		
346-U1422C-11H-5-A 75/75-SED	93.81	93.81	0	10	90		100				100	D [A85]	A [A85]		C [A85]		A [A85]						Tr [A85]			R [A85]		typical green layer			R [A85]			R [A85]				
346-U1422C-11H-5-W 14/14-SED	93.2	93.2	10	40	50	30	50		20		100						A [A85]						A [A85]			A [A85]	C [A85]		C [A85]							C [A85]		
346-U1422C-11H-5-W 43/43-SED	93.49	93.49	0	50	50	50	30		20		100						A [A85]						R [A85]			A [A85]	C [A85]		C [A85]			Tr [A85]		Tr [A85]		C [A85]		
346-U1422C-11H-5-W 65/65-SED	93.71	93.71	5	75	20	80			20		100												R [A85]			A [A85]	C [A85]	ash layer	C [A85]		R [A85]			Tr [A85]		C [A85]		
346-U1422C-11H-5-W 80/80-SED	93.86	93.86	20	70	10	50	20		15	15	100						C [A85]						R [A85]			A [A85]	C [A85]		C [A85]			R [A85]		C [A85]		C [A85]		
346-U1422C-11H-6-SED	95.13	95.13	40	60		90			10		100												R [A85]			D [A85]	C [A85]		C [A85]					R [A85]		C [A85]		
346-U1422C-12H-1-W 89/89-SED	97.685	97.685	70	30		40				60	100												R [A85]			A [A85]	C [A85]					C [A85]	A [A85]		C [A85]			
346-U1422C-12H-2-A 75/75-SED	99.05	99.05		50	50	20	20		20	40	100						C [A85]									C [A85]			C [A85]							C [A85]		
346-U1422C-12H-2-A 75/75-SED	99.05	99.05	0	30	70		70			30	100	A [A85]	A [A85]				A [A85]						Tr [A85]				R [A85]		R [A85]		C [A85]	C [A85]		C [A85]		R [A85]		
346-U1422C-12H-2-W 63/63-SED	98.93	98.93		80	20		20			80	100						C [A85]														R [A85]	R [A85]		D [A85]				
346-U1422C-12H-3-W 75/75-SED	100.6	100.6	30	50	20	60			15	25	100															A [A85]	C [A85]		C [A85]			C [A85]		C [A85]		C [A85]		
346-U1422C-12H-4-W 48/48-SED	101.88	101.88	40	40	20	60			20	20	100						C [A85]						R [A85]			A [A85]	R [A85]		C [A85]			C [A85]	R [A85]	R [A85]		C [A85]		
346-U1422C-12H-5-A 75/75-SED	103.65	103.65	0	30	70		50			50	100	A [A85]	C [A85]				A [A85]						Tr [A85]				R [A85]		R [A85]		C [A85]	A [A85]		C [A85]		R [A85]		
346-U1422C-12H-6-A 67/67-SED	105.1	105.1	80	20		90			10		100												R [A85]			D [A85]	R [A85]		C [A85]			R [A85]	R [A85]	R [A85]		C [A85]		
346-U1422C-12H-7-W 32/32-SED	106.25	106.25	80	20		90			10		100												R [A85]			D [A85]	C [A85]		C [A85]			R [A85]	R [A85]	R [A85]		C [A85]		
346-U1422C-13H-2-A 37/37-SED	108.17	108.17	60	20	20	80	20				100						C [A85]									A [A85]	C [A85]		R [A85]		R [A85]	R [A85]		R [A85]		R [A85]		
346-U1422C-13H-2-A 75/75-SED	108.55	108.55	30	30	40	40	20		10	30	100						C [A85]									A [A85]	C [A85]		C [A85]					A [A85]		C [A85]		
346-U1422C-13H-3-A 43/43-SED	109.73	109.73	20	60	20	50	30		20		100						C [A85]						C [A85]			A [A85]	C [A85]		C [A85]		R [A85]	R [A85]		R [A85]		C [A85]		
346-U1422C-13H-3-A 92/92-SED	110.22	110.22	90	10		60			20	20	100															A [A85]	C [A85]		C [A85]					C [A85]		C [A85]		
346-U1422C-13H-5-A 75/75-SED	113.06	113.06		40	60		20			80	100						C [A85]									R [A85]	R [A85]		R [A85]		C [A85]	C [A85]		A [A85]		R [A85]		
346-U1422C-14H-2-A 70/70-SED	118	118	95	5		100					100																D [A85]		R [A85]							R [A85]		
346-U1422C-14H-5-A 75/75-SED	122.57	122.57		20	80		50			50	100	A [A85]	C [A85]				A [A85]									R [A85]			Tr [A85]		C [A85]	R [A85]		A [A85]		Tr [A85]		
346-U1422C-14H-5-A 75/75-SED	122.57	122.57	20	50	30	50	30			20	100						R [A85]									C [A85]	C [A85]		R [A85]					R [A85]		R [A85]		
346-U1422C-15H-2-A 75/75-SED	127.55	127.55		20	80		80			20	100		C [A85]				C [A85]					C [A85]					Tr [A85]			A [A85]								
346-U1422C-16H-3-A 75/75-SED	133.76	133.76		10	90		70			30	100		C [A85]				A [A85]					C [A85]					C [A85]			R [A85]	D [A85]		C [A85]	R [A85]			
346-U1422C-17H-3-A 112/112-SED	138.82	138.82		80	20	100					100												A [A85]			D [A85]	A [A85]					Tr [A85]			Tr [A85]		
346-U1422C-17H-3-A 63/63-SED	138.325	138.325		10	90		50			50	100		C [A85]				C [A85]					Tr [A85]					C [A85]			Tr [A85]	A [A85]			Tr [A85]			
346-U1422C-18H-1-A 86/86-SED	140.26	140.26		80	20	50	50				100	R [A85]	C [A85]													A [A85]	Tr [A85]				C [A85]			C [A85]			
346-U1422C-18H-2-A 69/69-SED	141.59	141.59		80	20	70				30	100															A [A85]	A [A85]				A [A85]		A [A85]				
346-U1422C-18H-2-A 75/75-SED	141.65	141.65		10	90		40			60	100		C [A85]				A [A85]										C [A85]				Tr [A85]	D [A85]		A [A85]				
346-U1422C-19H-2-A 107/107-SED	146.67	146.67	10	70	20	40	50			10	100	R [A85]	C [A85]									R [A85]				C [A85]	C [A85]					R [A85]					
346-U1422C-19H-3-A 75/75-SED	147.85	147.85		20	80	5	5			90	100						C [A85]					C [A85]					C [A85]				A [A85]		D [A85]				
346-U1422C-20H-1-A 123/123-SED	150.03	150.03		90	10	100					100											C [A85]	C [A85]			A [A85]	A [A85]										
346-U1422C-20H-1-A 90/90-SED	149.7	149.7		20	80		70			30	100		R [A85]				C [A85]									R [A85]	C [A85]				A [A85]		A [A85]				
346-U1422C-20H-2-A 111/111-SED	151.41	151.41		10	90		70			30	100	C [A85]					A [A85]														A [A85]		A [A85]				
346-U1422C-20H-2-A 40/40-SED	150.695	150.695		80	80		80			30	110	C [A85]	C [A85]				C [A85]					C [A85]				C [A85]	C [A85]				A [A85]		A [A85]				
346-U1422C-20H-3-A 45/45-SED	152.26	152.26		10	90		5			95	100		R [A85]				A [A85]										R [A85]				D [A85]		A [A85]				
346-U1422C-21H-2-A 51/51-SED	155.51	155.51		10	90	5	5			90	100	R [A85]					A [A85]										C [A85]			C [A85]	D [A85]		C [A85]				
346-U1422C-21H-2-A 55/55-SED	155.55	155.55		10	90	5	75			20	100	C [A85]					A [A85]										C [A85]			C [A85]	D [A85]		A [A85]				
346-U1422C-21H-2-A 60/60-SED	155.6	155.6	10	80	10	10	80			10	100	C [A85]	C [A85]													C [A85]	C [A85]			C [A85]	C [A85]		C [A85]	R [A85]			
346-U1422C-21H-3-A 77/77-SED	157.275	157.275	10	80	10	5	85			10	100	C [A85]	C [A85]													C [A85]	C [A85]				A [A85]						
346-U1422C-22H-1-A 84/84-SED	159.04	159.04		20	80	5	70			25	100	C [A85]	C [A85]				C [A85]					C [A85]									A [A85]		A [A85]				
346-U1422C-22H-1-A 95/95-SED	159.15	159.15	10	70	20	5	85			10	100	C [A85]	C [A85]														C [A85]				A [A85]						
346-U1422C-23H-2-A 123/123-SED	165.63	165.63		90	10	10	85			5	100	C [A85]	C [A85]									C [A85]				C [A85]	C [A85]				D [A85]		C [A85]				
346-U1422C-23H-4-A 35/35-SED	167.46	167.46		10	90	5	75			20	100		C [A85]				C [A85]										R [A85]				A [A85]		A [A85]				
346-U1422C-24H-2-A 70/70-SED	169.8	169.8					10	80		10	100																				C [A85]		C [A85]				
346-U1422C-24H-3-A 117/117-SED	171.755	171.755		80	10	95				5	100															C [A85]	C [A85]				A [A85]						
346-U1422C-24H-3-A 44/44-SED	171.03	171.03		20	80		70			30	100		C [A85]																		A [A85]			C [A85]			
346-U1422C-25H-2-A 101/101-SED	174.81	174.81		20	80	5	15			80	100						C [A85]							Tr [A85]			R [A85]				D [A85]		R [A85]				
346-U1422C-25H-2-A 54/54-SED	174.34	174.34	30	50	20	30	50			20	100		A [A85]														A [A85]				C [A85]		R [A85]				
346-U1422C-25H-2-A 75/75-SED	174.55	174.55		10	90		20			80	100		C [A85]				C [A85]										R [A85]				D [A85]		C [A85]				
346-U1422C-25H-3-A 89/89-SED	176.19	176.19	10	80	10	50	40			10	100		A [A85]														A [A85]				C [A85]						
346-U1422C-26H-2-A 75/75-SED	179.25	179.25		10	90		20			80	100	C [A85]	C [A85]														R [A85]				D [A85]		C [A85]				
346-U1422C-26H-3-A 23/23-SED	180.26	180.26	30	70		100					100															R [A85]	D [A85]	ash layer									
346-U1422C-26H-3-A 75/75-SED	180.78	180.78		30	70	10	30			60	100	C [A85]	C [A85]														C [A85]			C [A85]	A [A85]		C [A85]				
346-U1422C-27H-2-A 75/75-SED	183.94	183.94	50	50		20	50			30	100	A [A85]	A [A85]														C [A85]	sand layer			C [A85]		R [A85]				
346-U1422C-27H-3-A 75/75-SED	185.46	185.46		10	90		10			90	100						C [A85]														D [A85]		C [A85]				
346-U1422C-28H-2-A 75/75-SED	188.65	188.65	40	50	10	15	35			50	100	A [A85]	A [A85]														C [A85]	coarse quartz			A [A85]		C [A85]				
346-U1422C-28H-3-A 75/75-SED	190.15	190.15		10	90		10			90	100						C [A85]										R [A85]				D [A85]		C [A85]				
346-U1422C-29H-2-A 75/75-SED	193.34	193.34		20	80					70	70						C [A85]										R [A85]				D [A85]		C [A85]				
346-U1422C-29H-3-A 75/75-SED	194.84	194.84		10	90		10			90	100						C [A85]										R [A85]				D [A85]		C [A85]				
346-U1422C-30H-2-A 75/75-SED	198.05	198.05		15	85		20			80	100						C [A85]										R [A85]				A [A85]		A [A85]				
346-U1422C-30H-3-A 75/75-SED	199.55	199.55	20	20	60	10	30			60	100		C [A85]				C [A85]										C [A85]				A [A85]		C [A85]				
346-U1422C-31H-2-A 72/72-SED	202.72	202.72		20	80		30			70	100		C [A85]				C [A85]										R [A85]				A [A85]		C [A85]				
346-U1422C-31H-3-A 75/75-SED	204.25	204.25	80	20		30	60			10	100		A [A85]														A [A85]				C [A85]		R [A85]				

Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Lithic grains abundance (name)	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Biotite abundance (name)	Clay minerals abundance (name)	Hornblende abundance (name)	Augite abundance (name)	Olivine abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Pyrite, authigenic abundance (name)	Opaques abundance (name)	Fe oxide abundance (name)	Calcite, authigenic abundance (name)	Volcanic crystal grain abundance (name)	Vitric grain abundance (name)	Mineral grain comment	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)	Biogenic fragment comment
346-U1422D-1H-2-A 65/65-SED	2.15	2.15		20	80	15	85				100		A [A85]				A [A85]						Tr [A85]				C [A85]	light layer									
346-U1422D-1H-2-A 75/75-SED	2.25	2.25		10	90		90				90		A [A85]				A [A85]						Tr [A85]				Tr [A85]					Tr [A85]			Tr [A85]	C [A85]		
346-U1422D-1H-3-A 33/33-SED	3.33	3.33		20	80	10	80			10	100		A [A85]				A [A85]						Tr [A85]				C [A85]	green layer								C [A85]		
346-U1422D-1H-5-A 75/75-SED	6.75	6.75		30	70	5	95				100		A [A85]				A [A85]						A [A85]				R [A85]	black layer							Tr [A85]			
346-U1422D-2H-2-A 75/75-SED	10.35	10.35		20	80		75			15	90		A [A85]				A [A85]						R [A85]				R [A85]					R [A85]		C [A85]	R [A85]			
346-U1422D-2H-5-A 137/137-SED	15.47	15.47	10	90																							D [A85]	ash layer										
346-U1422D-3H-2-A 75/75-SED	14.35	14.35		10	90	5	90			5	100		A [A85]				A [A85]						Tr [A85]				R [A85]					R [A85]		R [A85]	R [A85]			
346-U1422D-3H-5-A 75/75-SED	18.85	18.85		10	90	3	82			5	90		A [A85]				A [A85]						Tr [A85]				R [A85]					R [A85]		R [A85]	C [A85]			
346-U1422D-4H-2-A 73/73-SED	23.83	23.83		30	70	20	80				100		A [A85]				A [A85]						Tr [A85]				C [A85]							R [A85]	R [A85]			
346-U1422D-4H-4-A 70/70-SED	26.8	26.8		10	90		10	90			100						A [A85]					C [A85]															
346-U1422D-4H-4-A 90/90-SED	27	27		10	90	5	95				100		C [A85]				A [A85]					C [A85]					R [A85]										
346-U1422D-4H-5-A 50/50-SED	28.095	28.095	10	80	10	5	95				100	R [A85]	C [A85]									C [A85]					R [A85]										
346-U1422D-4H-5-A 70/70-SED	28.3	28.3		10	90	5	90			5	100		C [A85]				A [A85]																				
346-U1422D-4H-5-A 75/75-SED	28.35	28.35		10	90	5	95			5	105		C [A85]				A [A85]					R [A85]									R [A85]	R [A85]		R [A85]	R [A85]		
346-U1422D-4H-5-A 75/75-SED	28.35	28.35	40	40	20	80	20				100						C [A85]									R [A85]	D [A85]	ash layer									
346-U1422D-4H-5-A 89/89-SED	28.49	28.49		10	90		70		30		100		C [A85]				A [A85]					C [A85]					R [A85]		C [A85]		Tr [A85]	R [A85]		R [A85]		C [A85]	
346-U1422D-4H-6-A 41/41-SED	29.21	29.21		90	10	10	90				100											R [A85]				R [A85]	R [A85]										
346-U1422D-5H-5-A 66/66-SED	36.95	36.95		20	80		95			5	100	C [A85]	C [A85]				C [A85]					C [A85]		Tr [A85]			R [A85]							R [A85]	R [A85]		
346-U1422D-5H-6-A 139/139-SED	39.18	39.18				100					100											R [A85]				A [A85]	A [A85]										
346-U1422D-6H-1-A 130/130-SED	41.9	41.9		10	90		70			30	100		C [A85]				A [A85]					C [A85]		C [A85]							C [A85]	C [A85]	C [A85]	C [A85]	R [A85]		
346-U1422D-6H-6-A 26/26-SED	47.96	47.96		10	90												A [A85]				C [A85]															
346-U1422D-7H-1-A 115/115-SED	51.25	51.25		10	90								C [A85]				A [A85]										R [A85]										
346-U1422D-7H-3-A 3/3-SED	51.95	51.95	60	30	10	100					100											C [A85]				A [A85]	A [A85]										
346-U1422D-7H-5-A 144/144-SED	56.36	56.36		10	90																				D [A85]											
346-U1422D-7H-5-A 35/35-SED	55.27	55.27	20	70	10							A [A85]	A [A85]														C [A85]										
346-U1422D-8H-3-A 75/75-SED	63.35	63.35		10	90																										R [A85]		R [A85]				
346-U1422D-8H-4-A 111/111-SED	65.21	65.21	80	20		90	10				100	C [A85]					A [A85]									A [A85]	A [A85]										
346-U1422D-9H-2-A 66/66-SED	71.26	71.26	10	90		100					100															A [A85]	A [A85]										
346-U1422D-9H-5-A 13/13-SED	75.23	75.23	10	90		90	10				100	C [A85]																									
346-U1422D-9H-5-A 83/83-SED	75.93	75.93		5	95		100				100						A [A85]						C [A85]														
346-U1422D-10H-3-A 75/75-SED	82.05	82.05		10	90	5	80			15	100						A [A85]															C [A85]		C [A85]				
346-U1422D-10H-4-A 2/2-SED	82.82	82.82	10	90		10	90				100	C [A85]	C [A85]										R [A85]			R [A85]	R [A85]					R [A85]		C [A85]				
346-U1422D-10H-4-A 89/89-SED	83.69	83.69	30	70		80	20				100	C [A85]											C [A85]			A [A85]	A [A85]										
346-U1422D-10H-5-A 75/75-SED	85.05	85.05		10	90	5	90			5	100						A [A85]										C [A85]					R [A85]		R [A85]				
346-U1422D-11H-2-A 75/75-SED	87.05	87.05		10	90	5	90			5	100		C [A85]				A [A85]															C [A85]		C [A85]				
346-U1422D-11H-5-A 113/113-SED	91.95	91.95		10	90		75			35	110		R [A85]				C [A85]									R [A85]					R [A85]	A [A85]		A [A85]			
346-U1422D-11H-6-A 18/18-SED	92.52	92.52		10	90	5	80			15	100		C [A85]				A [A85]															C [A85]		C [A85]	C [A85]		
346-U1422D-12H-2-A 75/75-SED	96.55	96.55		10	90	5	90			5	100		C [A85]				C [A85]										R [A85]					C [A85]	R [A85]	C [A85]			
346-U1422D-12H-6-A 108/108-SED	102.88	102.88		10	90	5	60			35	100	R [A85]	C [A85]				C [A85]															A [A85]		A [A85]				
346-U1422D-14H-2-A 75/75-SED	115.55	115.55		10	90	5	20			75	100		C [A85]				C [A85]					Tr [A85]					R [A85]					A [A85]		C [A85]	C [A85]			
346-U1422D-14H-5-A 75/75-SED	120.09	120.09		20	80		30			70	100		C [A85]				C [A85]					Tr [A85]										A [A85]		C [A85]	R [A85]			
346-U1422D-15H-2-A 75/75-SED	124.98	124.98		20	80		30			70	100		C [A85]				C [A85]					Tr [A85]					R [A85]					A [A85]		C [A85]	R [A85]			
346-U1422D-15H-5-A 75/75-SED	129.28	129.28		20	80		20			80	100		C [A85]				C [A85]					R [A85]										A [A85]		C [A85]	C [A85]			
346-U1422D-16H-2-A 75/75-SED	134.46	134.46		20	80		20			80	100		C [A85]				C [A85]					Tr [A85]					R [A85]					A [A85]		C [A85]	R [A85]			
346-U1422D-16H-4-A 67/67-SED	137.26	137.26			100																				D [A85]											
346-U1422D-16H-5-A 75/75-SED	138.8	138.8		20	80		20			80	100		C [A85]				C [A85]					Tr [A85]					R [A85]					A [A85]		C [A85]	C [A85]			

Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Lithic grains abundance (name)	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Biotite abundance (name)	Clay minerals abundance (name)	Hornblende abundance (name)	Augite abundance (name)	Olivine abundance (name)	Zeolite - phillipsite, clinoptilolite abundance (name)	Pyrite, authigenic abundance (name)	Opaques abundance (name)	Fe oxide abundance (name)	Calcite, authigenic abundance (name)	Volcanic crystal grain abundance (name)	Vitric grain abundance (name)	Mineral grain comment	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)	Biogenic fragment comment
346-U1422E-2H-2-A 75/75-SED	11.75	11.75		10	90	2	80			3	85		A [A85]		C [A85]		C [A85]					Tr [A85]					R [A85]					R [A85]		R [A85]	C [A85]		
346-U1422E-2H-4-A 137/137-SED	15.37	15.37	40	50	10	20	80				100		A [A85]		C [A85]							R [A85]					C [A85]								R [A85]		
346-U1422E-2H-5-A 75/75-SED	16.25	16.25		20	80	2	90			8	100		A [A85]		C [A85]		C [A85]										R [A85]					R [A85]		R [A85]	R [A85]		
346-U1422E-2H-7-A 14/14-SED	18.64	18.64			100																				D [A85]											
346-U1422E-3H-2-A 75/75-SED	21.25	21.25		10	90		90			10	100		A [A85]		C [A85]		C [A85]					R [A85]					R [A85]					R [A85]		R [A85]	C [A85]		
346-U1422E-3H-2-A 75/75-SED	21.25	21.25		15	85	5				5	10	C [A85]	C [A85]																		Tr [A85]	Tr [A85]					
346-U1422E-3H-5-A 75/75-SED	25.75	25.75		10	90		80			20	100		A [A85]		C [A85]		C [A85]					Tr [A85]					Tr [A85]					R [A85]		C [A85]	R [A85]		
346-U1422E-4H-2-A 75/75-SED	30.75	30.75		10	90		90			10	100		A [A85]		C [A85]		C [A85]					Tr [A85]					R [A85]					R [A85]		R [A85]	C [A85]		
346-U1422E-4H-5-A 75/75-SED	35.25	35.25		10	90		90			10	100		A [A85]		C [A85]		C [A85]					C [A85]					R [A85]					R [A85]		R [A85]	R [A85]		
346-U1422E-5H-1-A 74/74-SED	38.74	38.74		10	90	5	85			10	100	R [A85]	C [A85]	R [A85]			C [A85]					C [A85]		Tr [A85]			R [A85]					C [A85]	C [A85]	C [A85]	Tr [A85]		
346-U1422E-5H-3-A 48/48-SED	41.475	41.475	90	10		100					100	Tr [A85]											C [A85]			A [A85]	A [A85]										
346-U1422E-5H-5-A 75/75-SED	44.75	44.75		10	90	2	95			3	100	R [A85]	C [A85]				C [A85]					C [A85]				R [A85]	R [A85]				R [A85]	C [A85]		C [A85]			
346-U1422E-6H-4-A 101/101-SED	53.01	53.01		15	85	32	95			2	129		A [A85]				A [A85]					R [A85]					R [A85]					R [A85]		D [A85]			
346-U1422E-6H-5-A 125/125-SED	54.75	54.75	90	10		40	60				100	C [A85]	C [A85]										C [A85]				C [A85]										
346-U1422E-7H-1-A 140/140-SED	58.4	58.4		90	10	5	5			70	80						C [A85]					C [A85]					R [A85]			Tr [A85]	A [A85]		A [A85]			
346-U1422E-7H-4-A 75/75-SED	62.25	62.25		10	90	5	90			5	100		C [A85]				A [A85]										R [A85]					R [A85]		R [A85]			
346-U1422E-7H-6-A 56/56-SED	65.06	65.06	90	10		90	10				100	C [A85]														A [A85]	A [A85]										
346-U1422E-8H-1-A 75/75-SED	67.25	67.25		10	90	2	90			3	95		C [A85]				C [A85]										R [A85]					R [A85]		R [A85]			
346-U1422E-8H-6-A 125/125-SED	75.25	75.25	90	10		95	5				100		R [A85]													A [A85]	A [A85]										
346-U1422E-9H-1-A 75/75-SED	76.75	76.75		10	90	5	90			5	100		C [A85]				A [A85]					C [A85]					R [A85]					R [A85]		R [A85]			
346-U1422E-10H-1-A 125/125-SED	81.95	81.95	90	10		90	10				100	C [A85]														A [A85]	A [A85]										
346-U1422E-10H-1-A 75/75-SED	81.45	81.45		10	90	5	85			10	100		C [A85]				A [A85]					R [A85]										C [A85]		C [A85]			
346-U1422E-10H-2-A 30/30-SED	82.5	82.5		10	90	5	85			10	100		R [A85]				A [A85]					R [A85]					R [A85]					R [A85]		R [A85]			
346-U1422E-11H-4-A 77/77-SED	90.67	90.67				5				20	25		C [A85]				C [A85]										R [A85]				C [A85]	A [A85]	Tr [A85]	A [A85]			
346-U1422E-11H-5-A 63/63-SED	92.03	92.03	20	80		5	80			5	90	R [A85]	A [A85]				A [A85]					C [A85]										D [A85]		R [A85]			