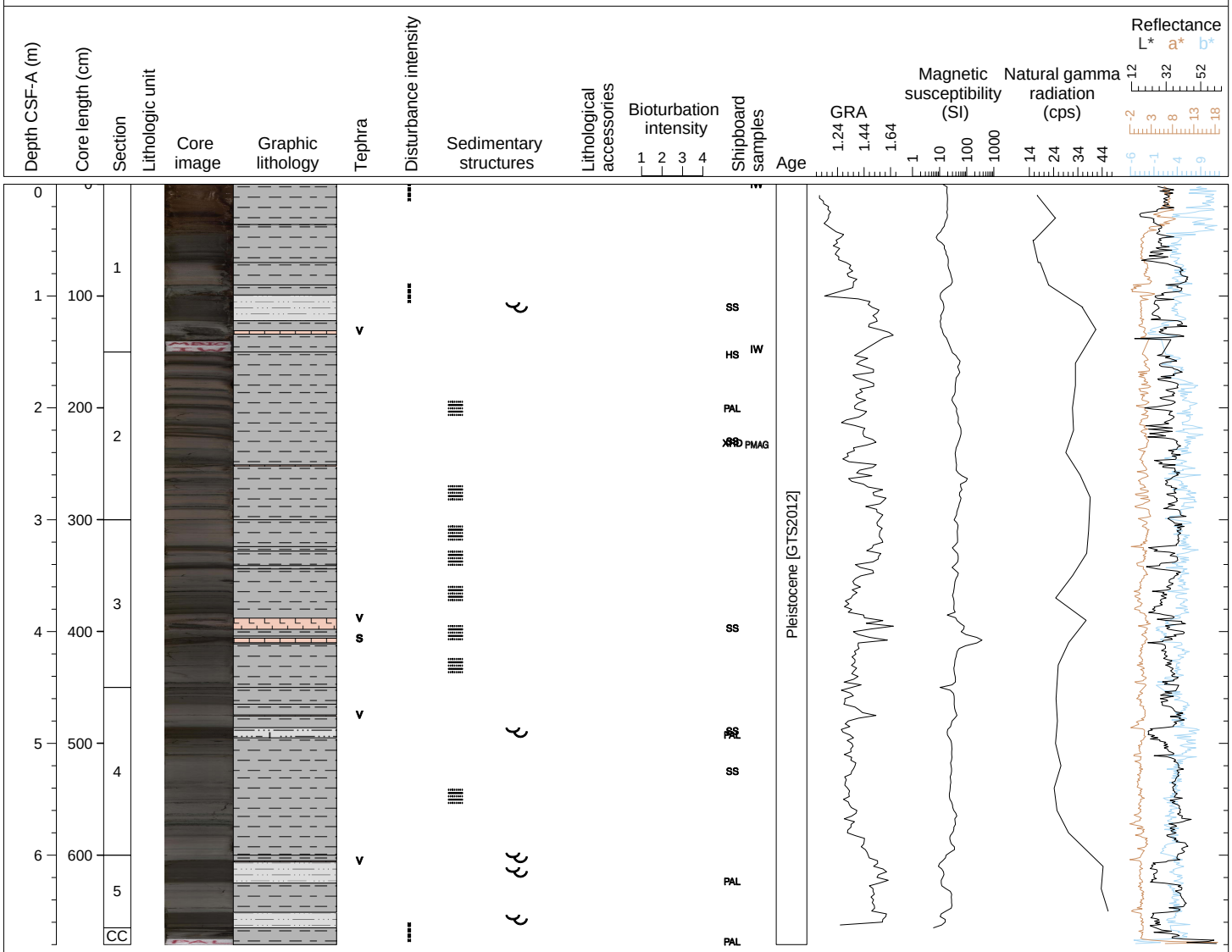
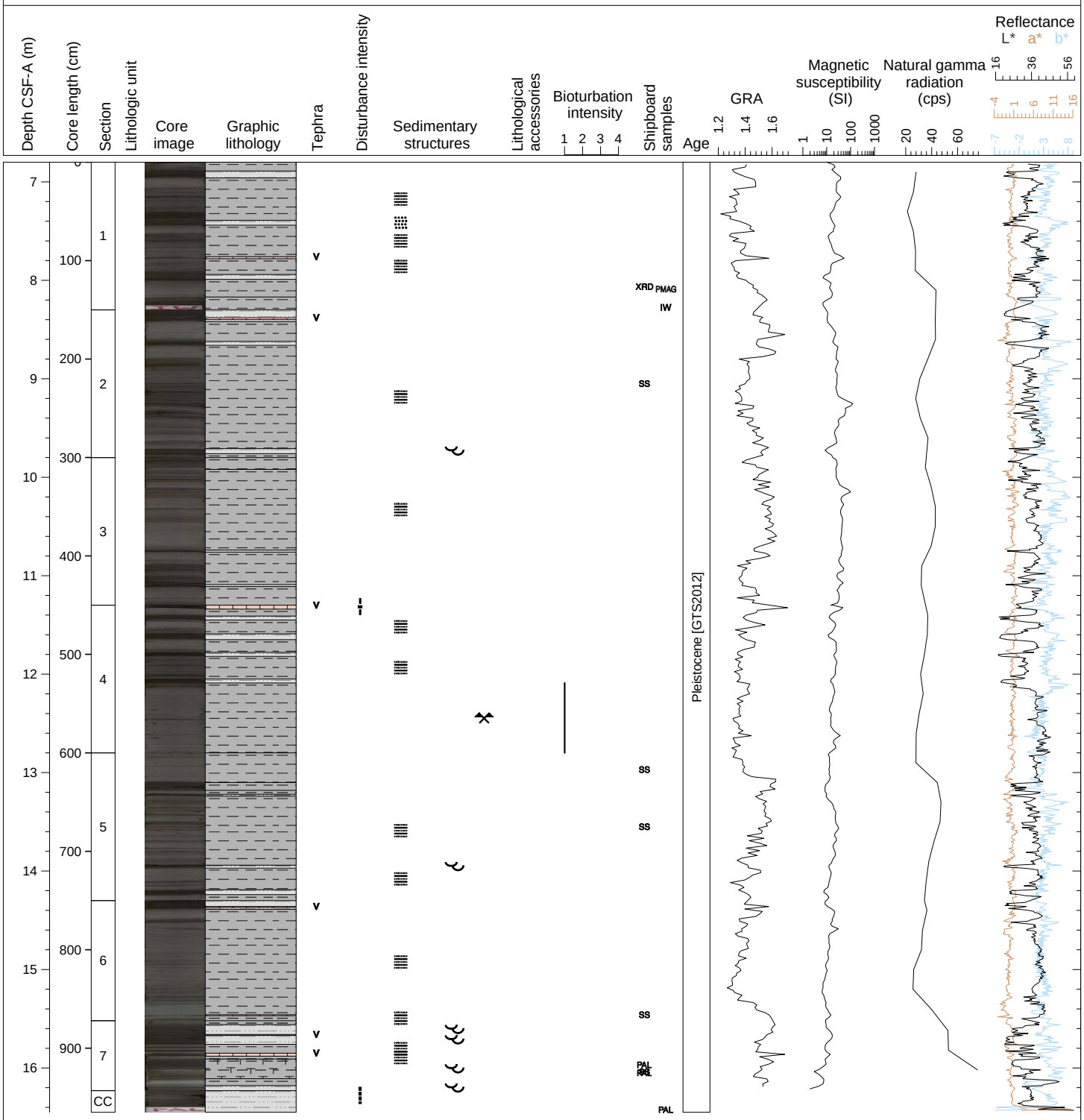
Hole 346-U1424A Core 1H, Interval 0.0-6.8 m (CSF-A)

CLAY, characterized by distinct decimeter-scale color banding (very dark greenish gray, very dark gray, dark brown), with some intervals showing finer laminations. SILTY CLAY is a minor interbedded lithology. A coarser interval of FORAMINIFER-RICH SILTY CLAY WITH NANNOFOSSILS is found in Section 4, 36-45 cm. Bioturbation is absent to slight and several thin gray TEPHRA layers are visible in Sections 1, 3, 4, and 5.



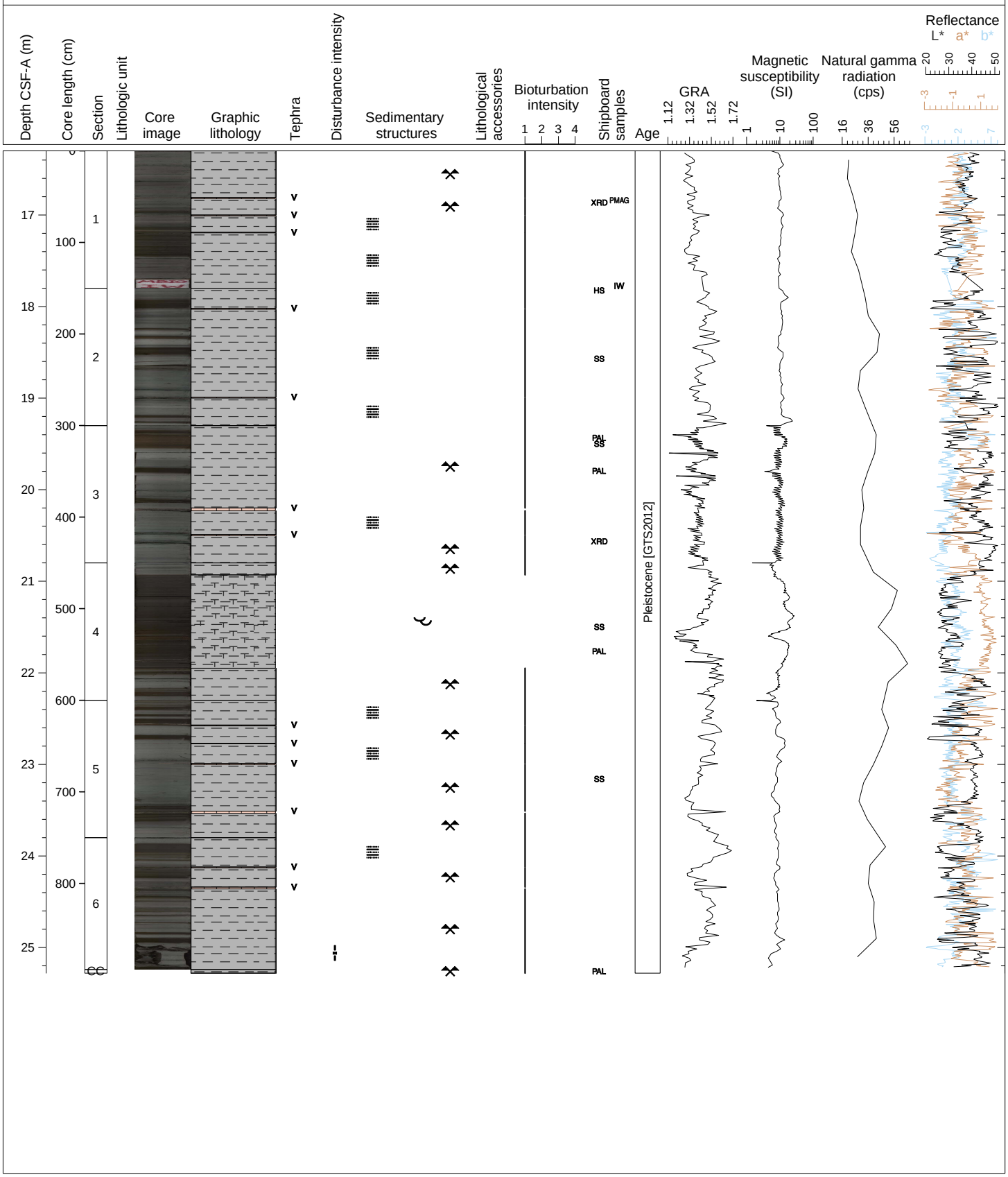
Hole 346-U1424A Core 2H, Interval 6.8-16.45 m (CSF-A)

Interbedded CLAY and SILTY CLAY, characterized by distinct decimeter-scale color banding (very dark greenish gray, very dark gray, olive), with some intervals showing finer laminations. Minimal to slight bioturbation throughout, with moderate drilling disturbance in Section 4 and the CC. Several thin gray TEPHRA layers (typically 1-2 cm thick) are visible in Sections 1, 2, 3, 5, and 7. All are vitric except for a thin pumice layer in Section 2.



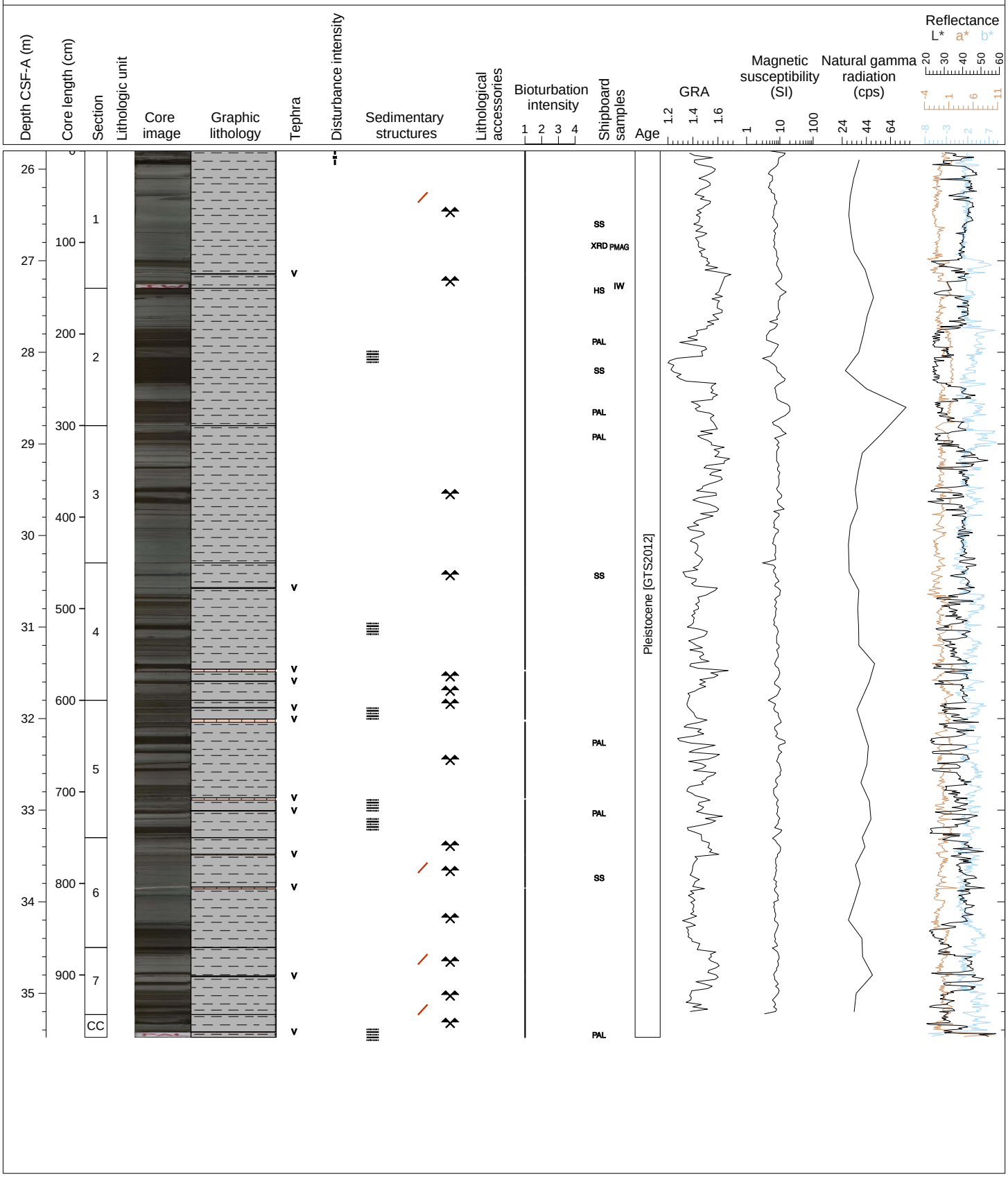
Hole 346-U1424A Core 3H, Interval 16.3-25.28 m (CSF-A)

CLAY (light greenish gray, very dark gray), characterized by distinct cm- to decimeter-scale color banding with numerous intervals showing finer laminations. A coarser interval of CLAY WITH FORAMINIFERS (dark brown) is found in Section 4, 13-115 cm. Bioturbation is absent to slight and pyrite is found throughout. Numerous thin gray TEPHRA layers are visible in Sections 1, 2, 3, 5, and 6. Slight to moderate drilling disturbance, most notably in Section 6.



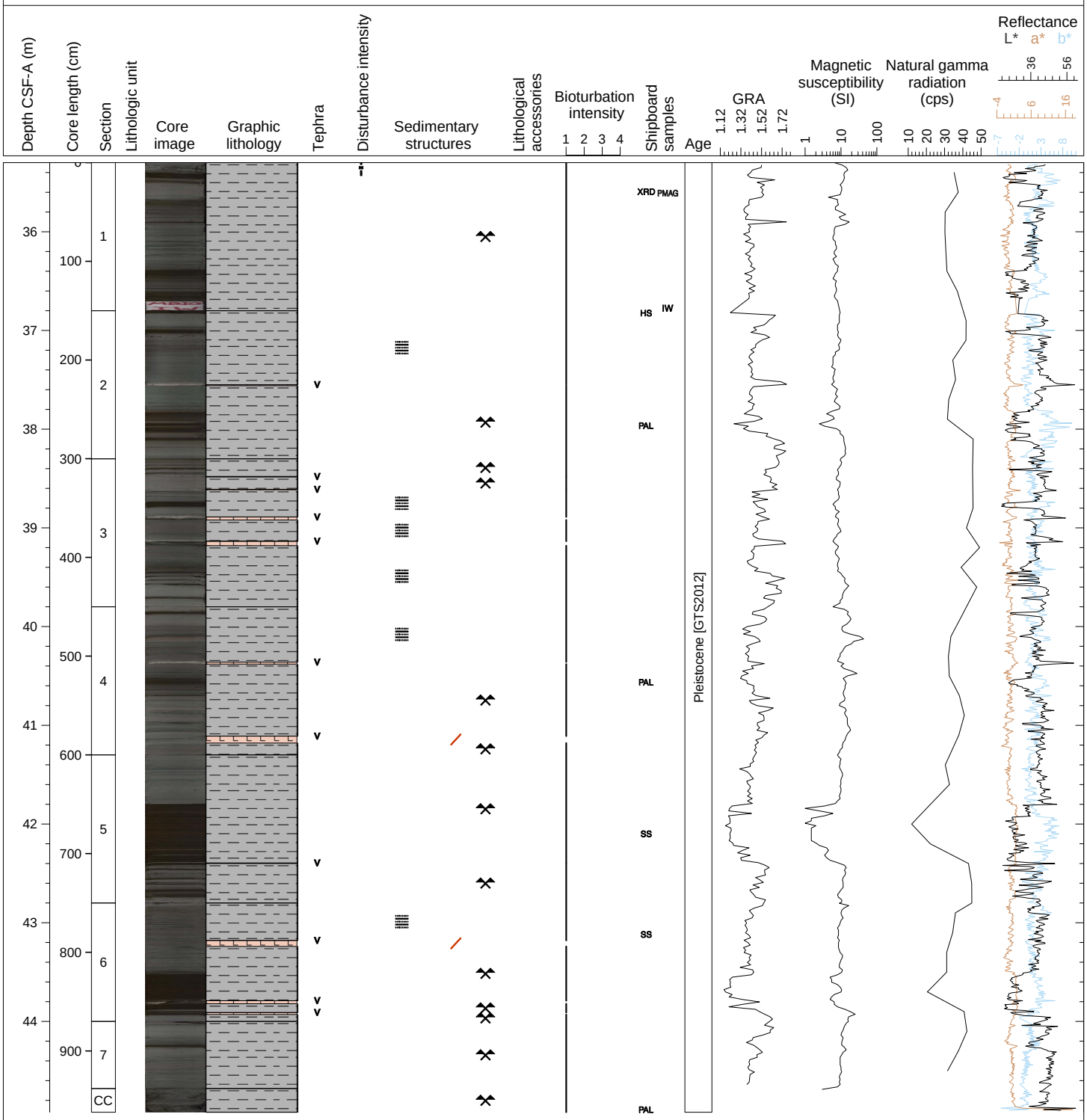
Hole 346-U1424A Core 4H, Interval 25.8-35.48 m (CSF-A)

CLAY (light greenish gray) characterized by distinct cm- to decimeter-scale dark banding (olive green, dark brown) with numerous intervals showing finer laminations. Interbedded CLAY WITH DIATOMS AND FORAMINIFERS (dark brown) is a minor lithology. Bioturbation is slight to heavy throughout and numerous thin gray TEPHRA layers (vitric) are distributed in Sections 1, 4, 5, 6, 7 and the CC. Pyrite is common. Microfaults displacing color bands are visible in Sections 1, 6 and 7.



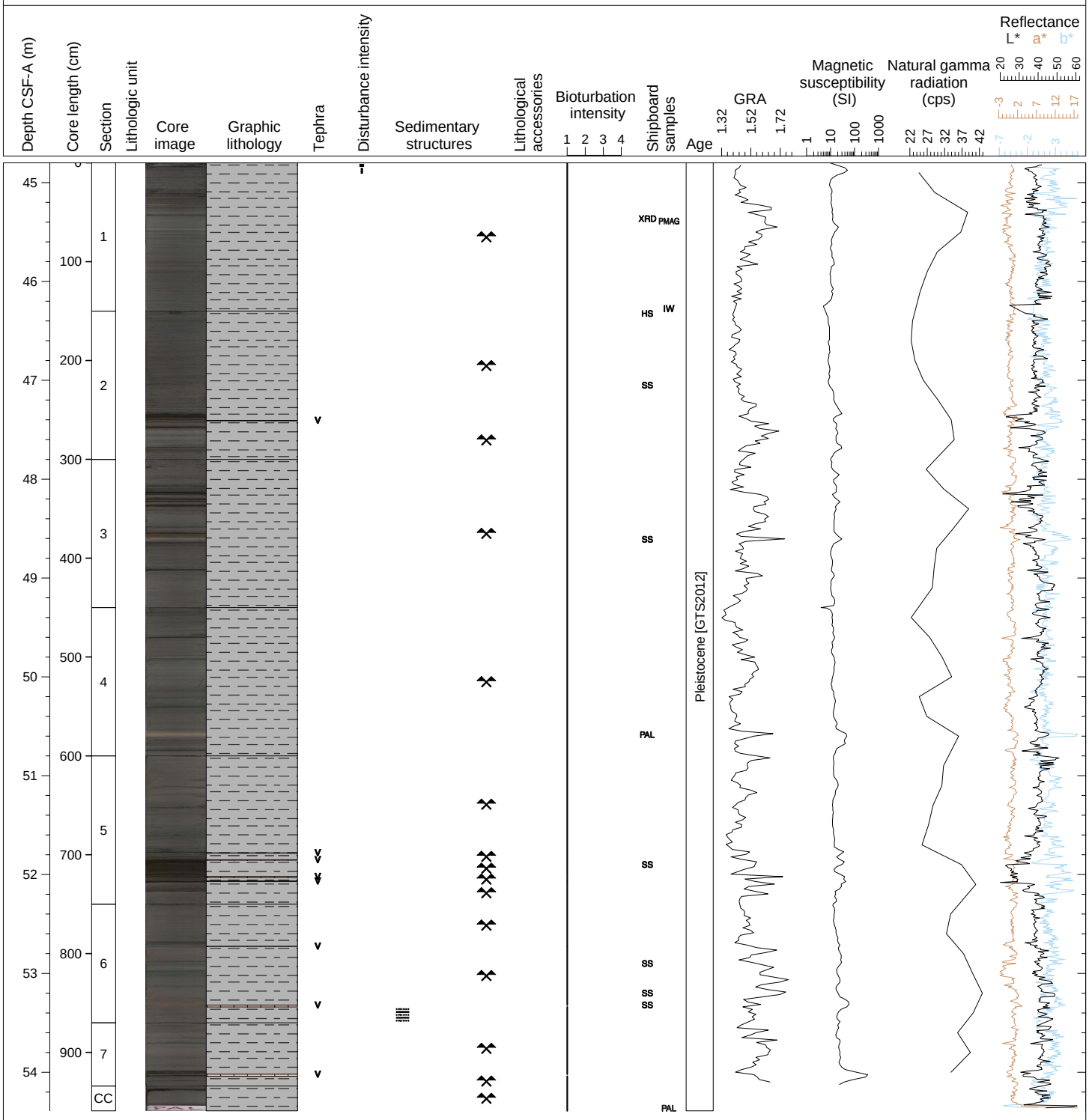
Hole 346-U1424A Core 5H, Interval 35.3-44.92 m (CSF-A)

DIATOM-BEARING CLAY (light greenish gray) with distinct decimeter-scale color banding (olive green, dark brown), slight to heavy bioturbation except in intervals exhibiting fine laminations. Pyrite is present throughout as are numerous thin vitric TEPHRA layers in all sections except Sections 1 and 7. Microfaults are visible in Sections 4 and 6.



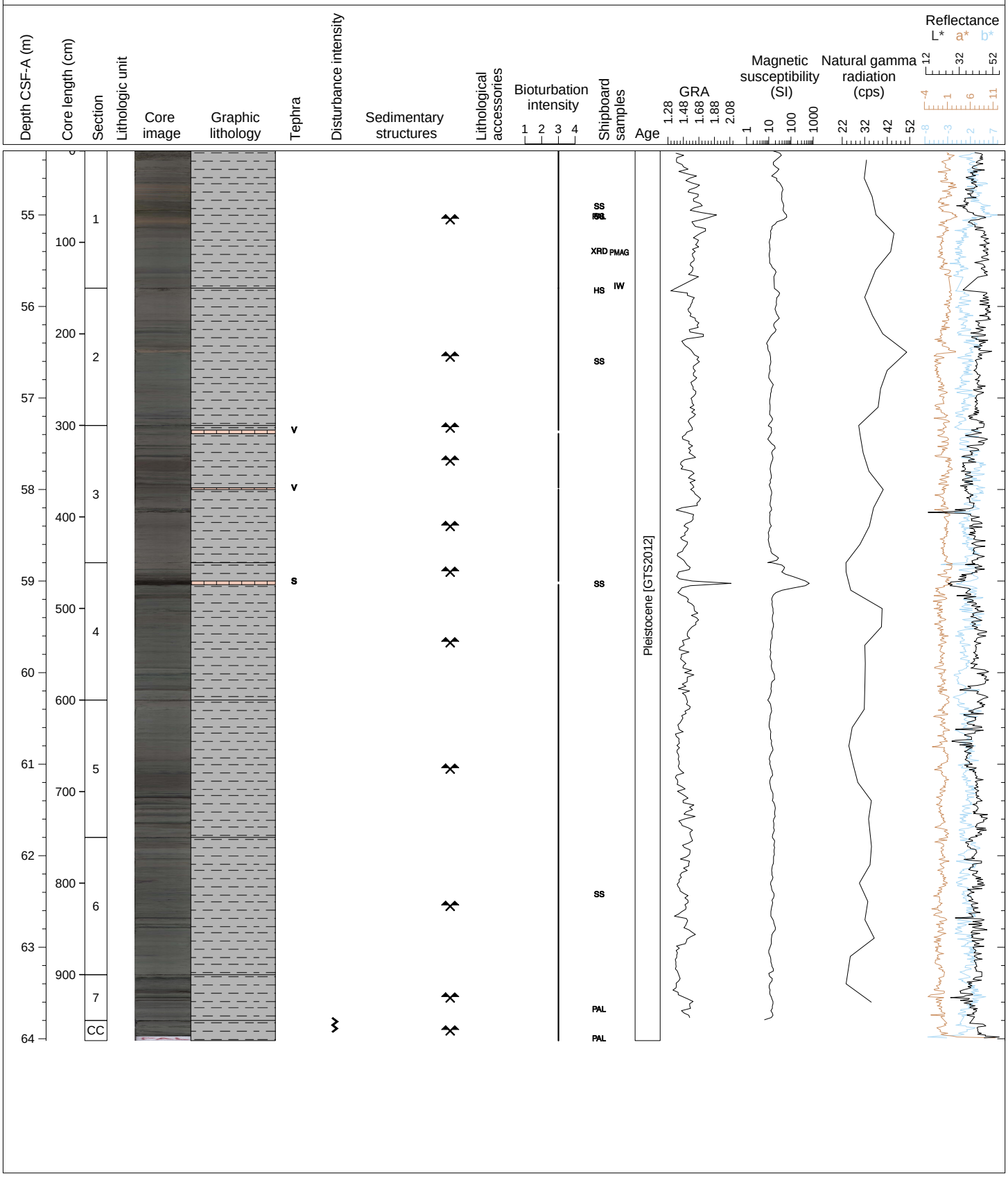
Hole 346-U1424A Core 6H, Interval 44.8-54.39 m (CSF-A)

CLAY (light greenish gray) with intermittent color banding (grayish green, light gray, dark brown), though less pronounced than in overlying cores. Several cm-scale layers of pale yellow carbonate-rich sediment are observed. Slight bioturbation throughout with numerous thin vitric TEPHRA layers in Sections 2, 5, 6 and 7.



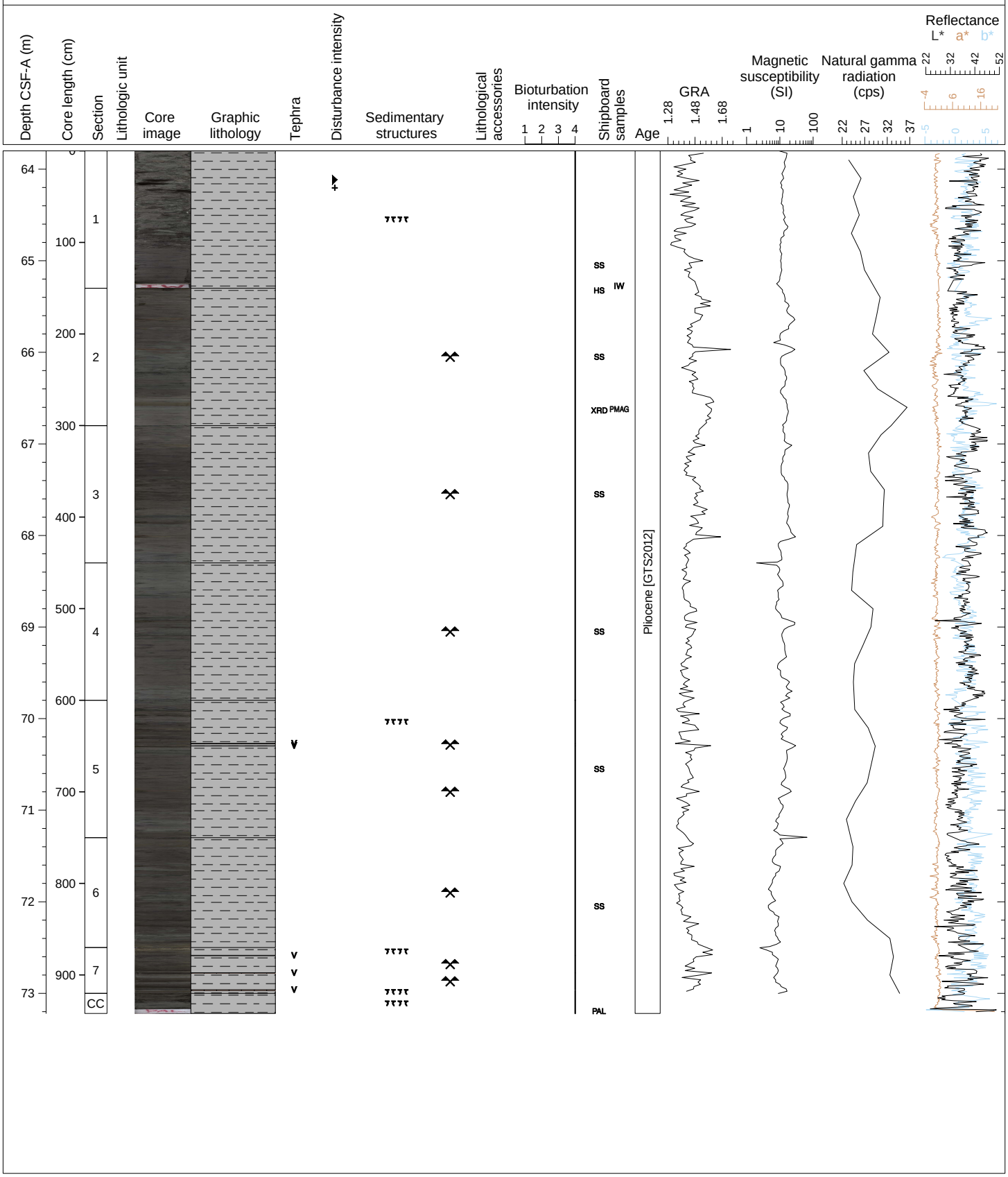
Hole 346-U1424A Core 7H, Interval 54.3-64.02 m (CSF-A)

CLAY (light greenish gray) with intermittent color banding (grayish green, light gray, dark brown). Several cm-scale layers of pale yellow carbonate-rich sediment are observed in Section 1. Moderate to heavy bioturbation throughout with two thin vitric TEPHRA layers in Section 3 and a scoriaceous layer in Section 4.



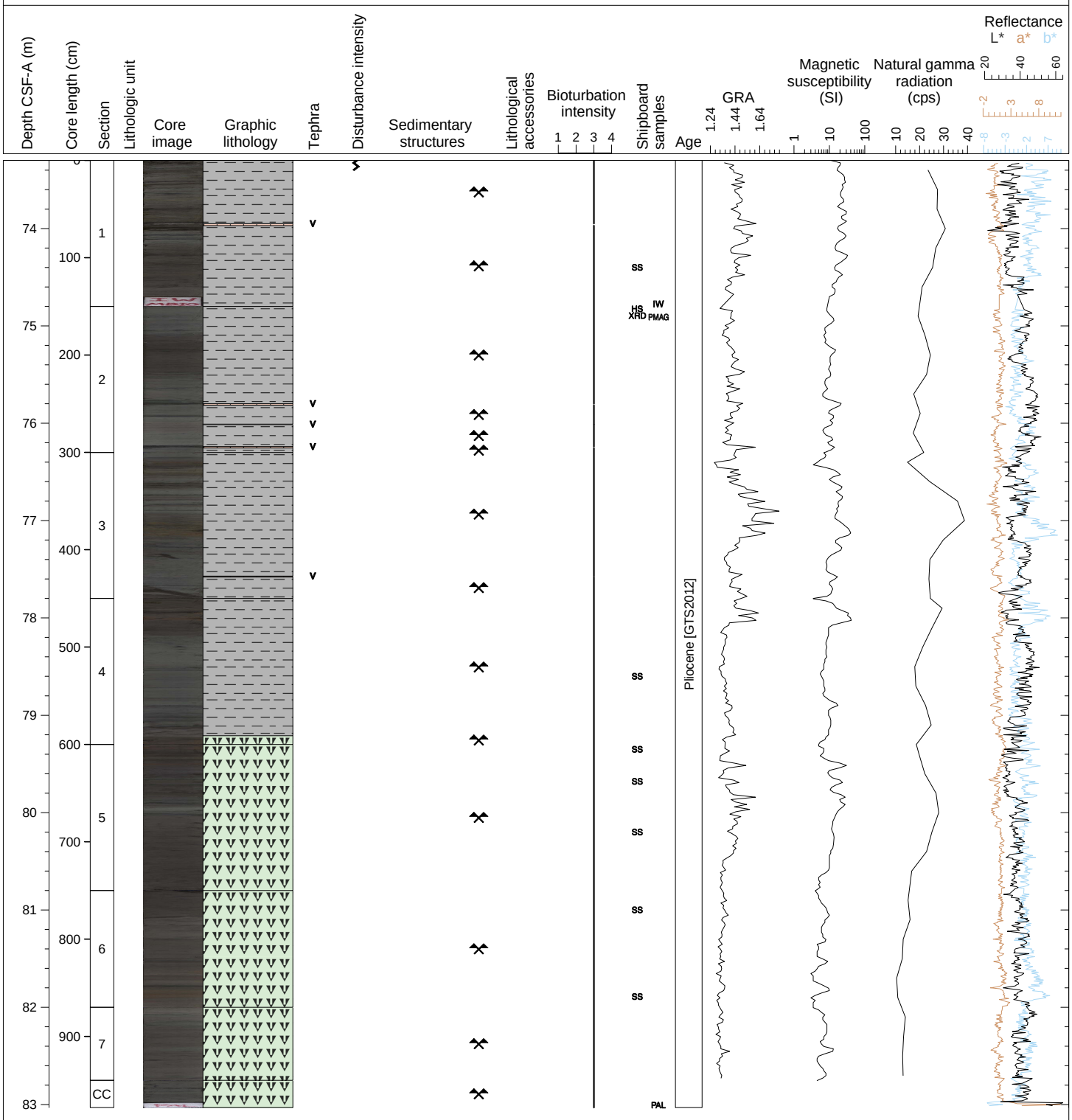
Hole 346-U1424A Core 8H, Interval 63.8-73.22 m (CSF-A)

CLAY (olive to dark greenish gray), mottled with some darker color banding with pyrite accompanying the darker layers. Bioturbation is moderate to heavy. Thin vitric TEPHRA layers are present in Sections 5 and 7. The top 70 cm of Section 1 is heavily disturbed and preserves little original structure.



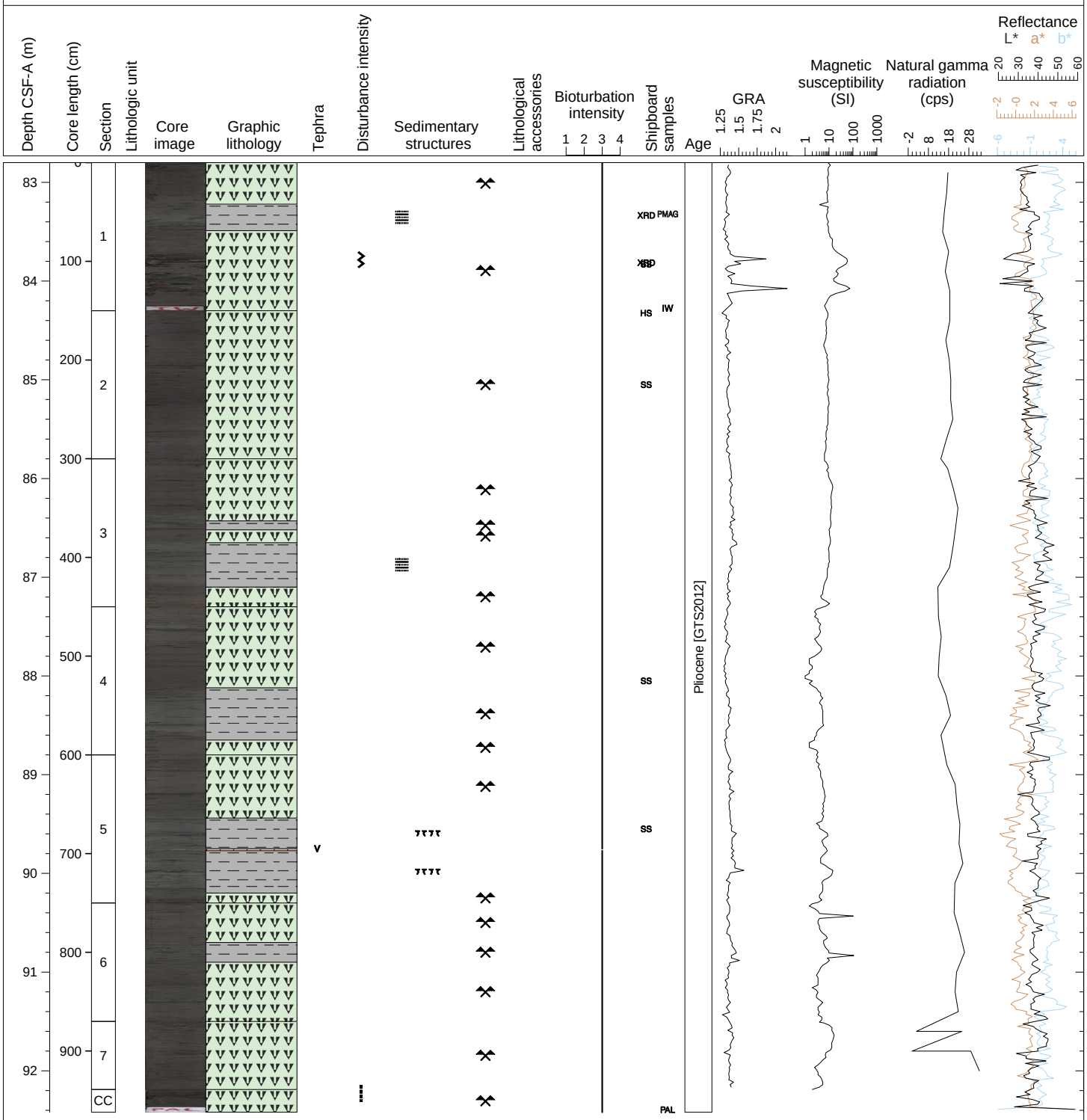
Hole 346-U1424A Core 9H, Interval 73.3-83.03 m (CSF-A)

DIATOM-RICH CLAY (olive gray) grading into DIATOM OOZE near the base of Section 4. Moderate to heavy bioturbation throughout with numerous thin TEPHRA layers (vitric) in Sections 1, 2 and 3. Top of Section 1 shows moderate drilling disturbance.



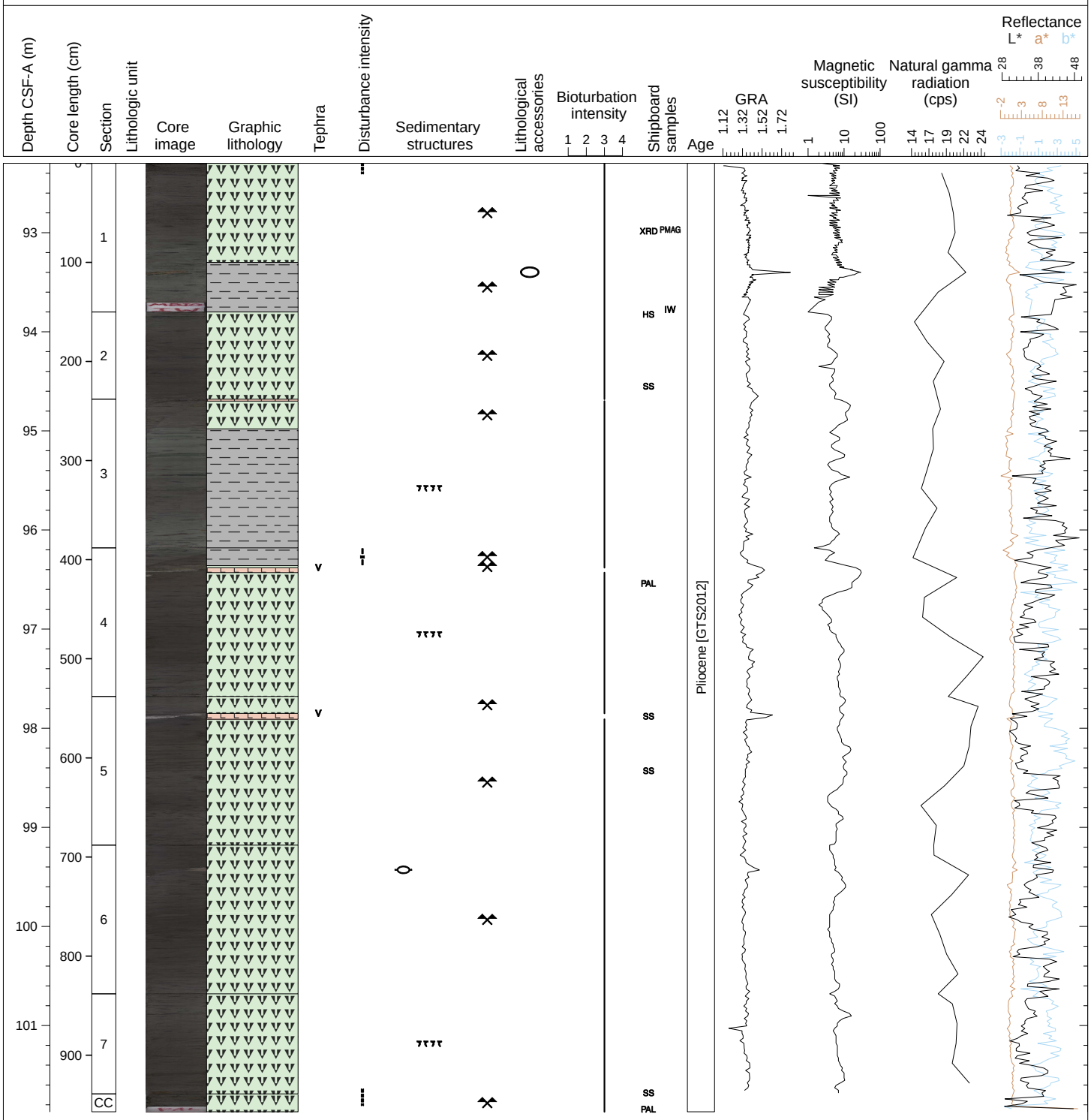
Hole 346-U1424A Core 10H, Interval 82.8-92.42 m (CSF-A)

Interbedded DIATOM OOZE and DIATOM-RICH CLAY (greenish gray to dark gray), with some darker color banding and several intervals of finer lamination. Moderate to heavy bioturbation over much of the sequence. A light gray vitric TEPHRA layer is observed in Section 5, 95-97 cm, as are several cm-sized pebbles in Section 1.



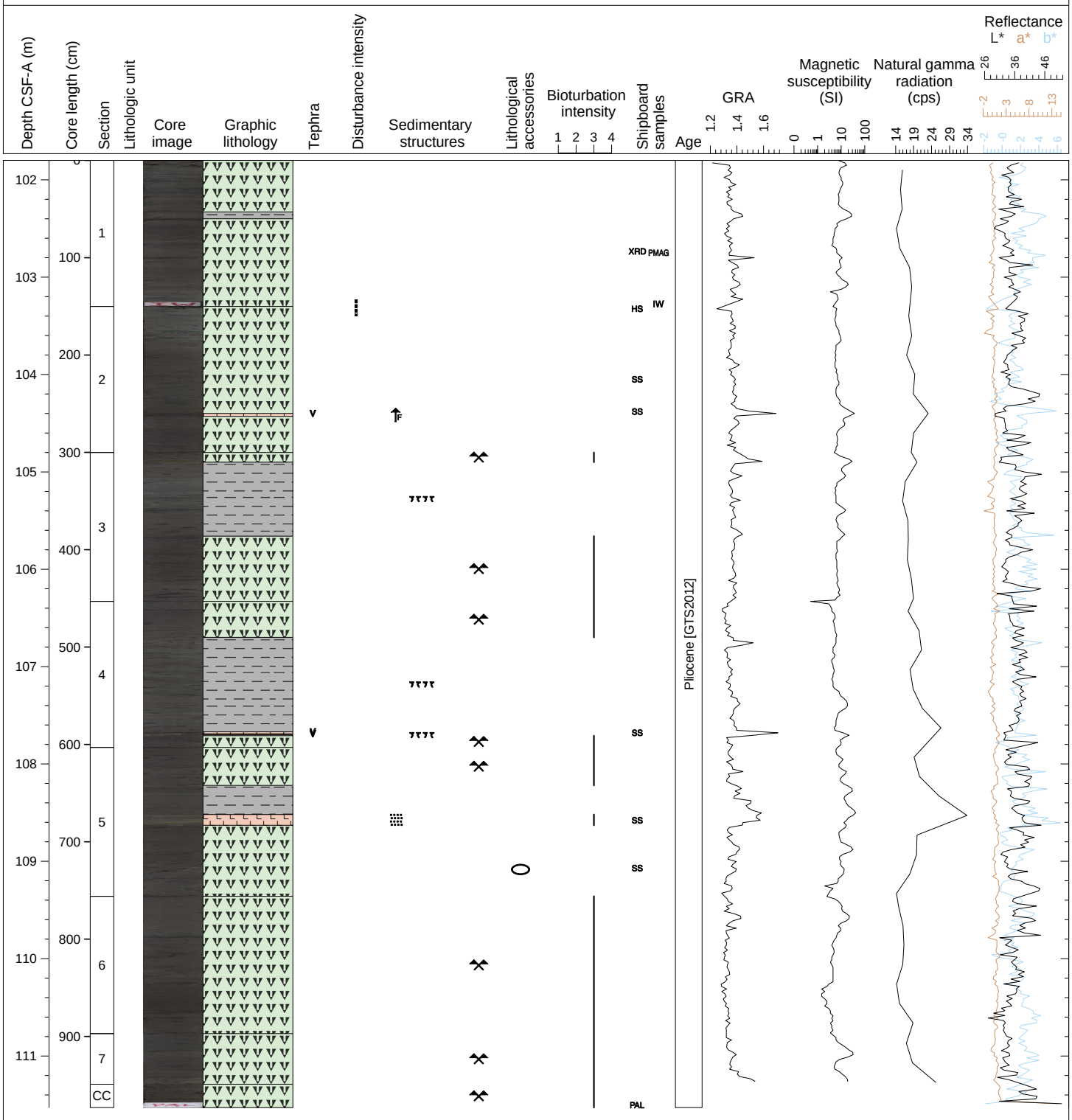
Hole 346-U1424A Core 11H, Interval 92.3-101.87 m (CSF-A)

Interbedded DIATOM OOZE and DIATOM-RICH CLAY (dark greenish gray to dark gray), mottled, with some subtle color banding. Moderate to heavy bioturbation over much of the sequence. Light gray to white vitric TEPHRA layers are observed in Sections 4, 5 and 6.



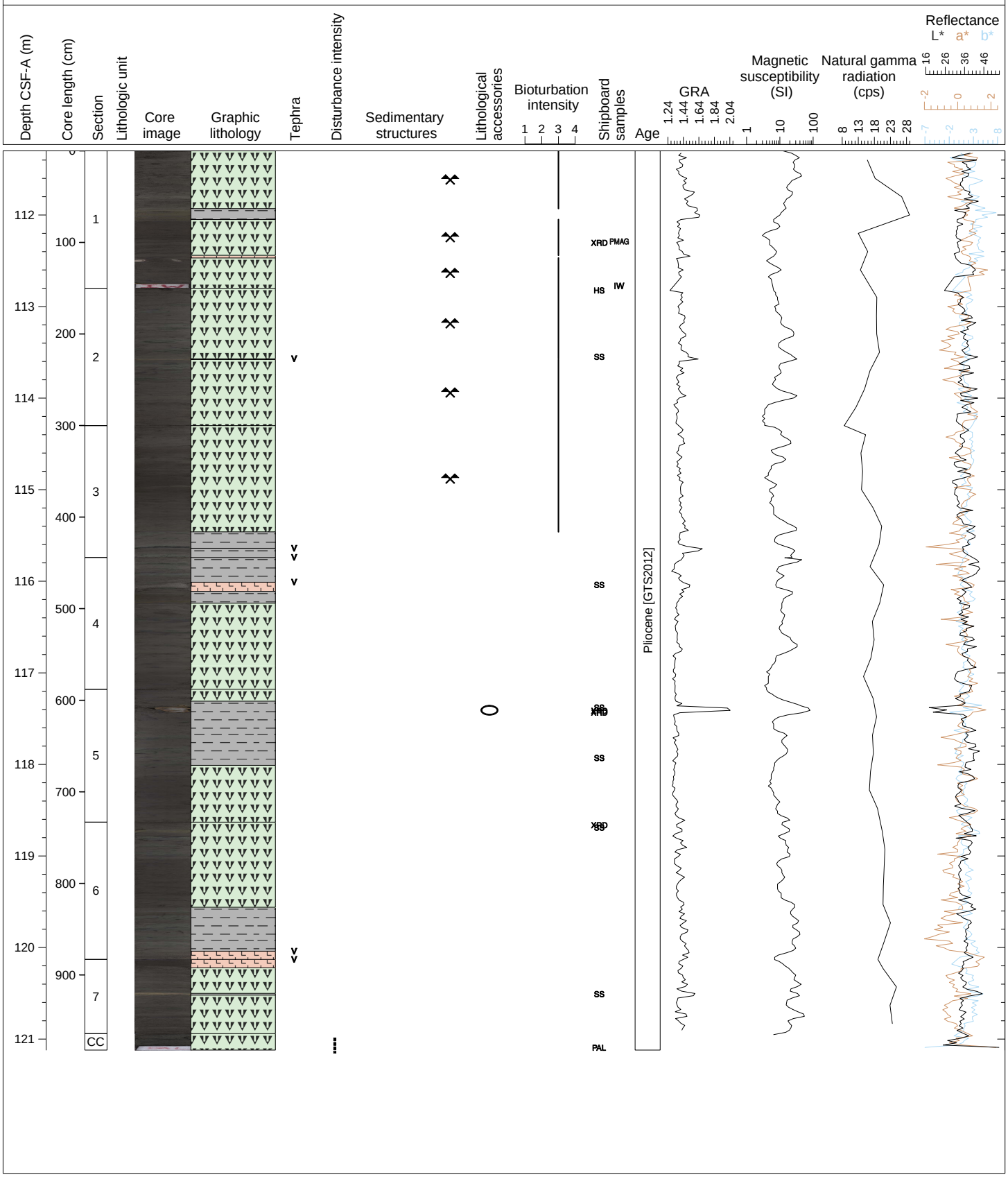
Hole 346-U1424A Core 12H, Interval 101.8-111.53 m (CSF-A)

Interbedded DIATOM OOZE and DIATOM-RICH CLAY (dark gray to dark greenish gray), mottled, with some subtle color banding. Moderate to heavy bioturbation over much of the sequence.Thin vitric TEPHRA layers are observed in Sections 2 and 4, while a thicker tephra showing layering (grading?) is present at Section 5, 69-80 cm. A DOLOMITE concretion is observed in Section 5, 125-126 cm.



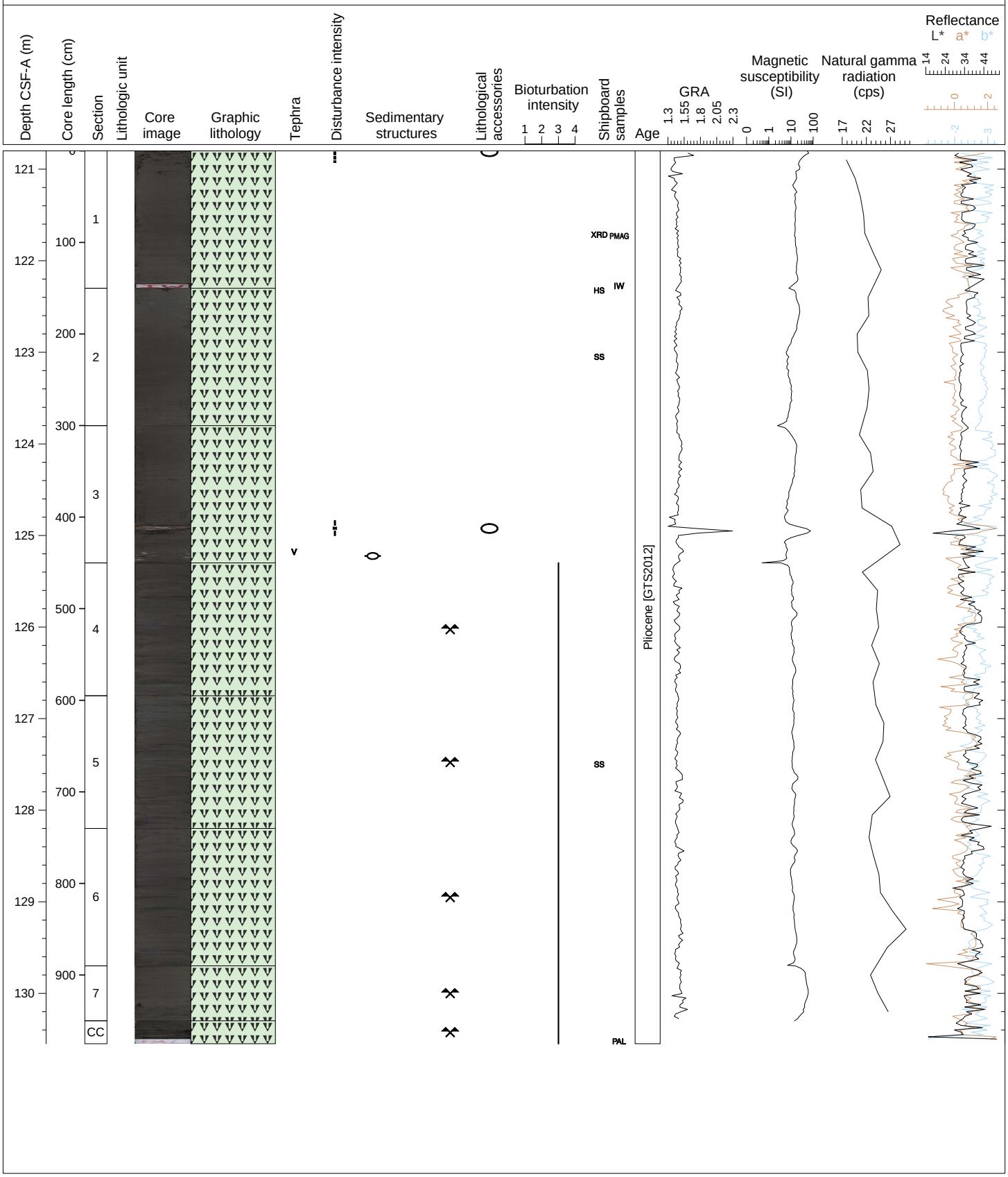
Hole 346-U1424A Core 13H, Interval 111.3-121.12 m (CSF-A)

Interbedded DIATOM OOZE and DIATOM-RICH CLAY (greenish gray to dark gray), with subtle darker color banding and showing moderate to heavy bioturbation over much of the sequence. Numerous thin gray vitric TEPHRA layers are observed in Sections 2, 3, 4 and 6. A DOLOMITE concreation is found at Section 5, 20-26 cm, and a semi-indurated CALCAREOUS-BEARING CLAY layer is present in Section 7, 37-39 cm. Slight to moderate disturbance in Sections 1 to 3.



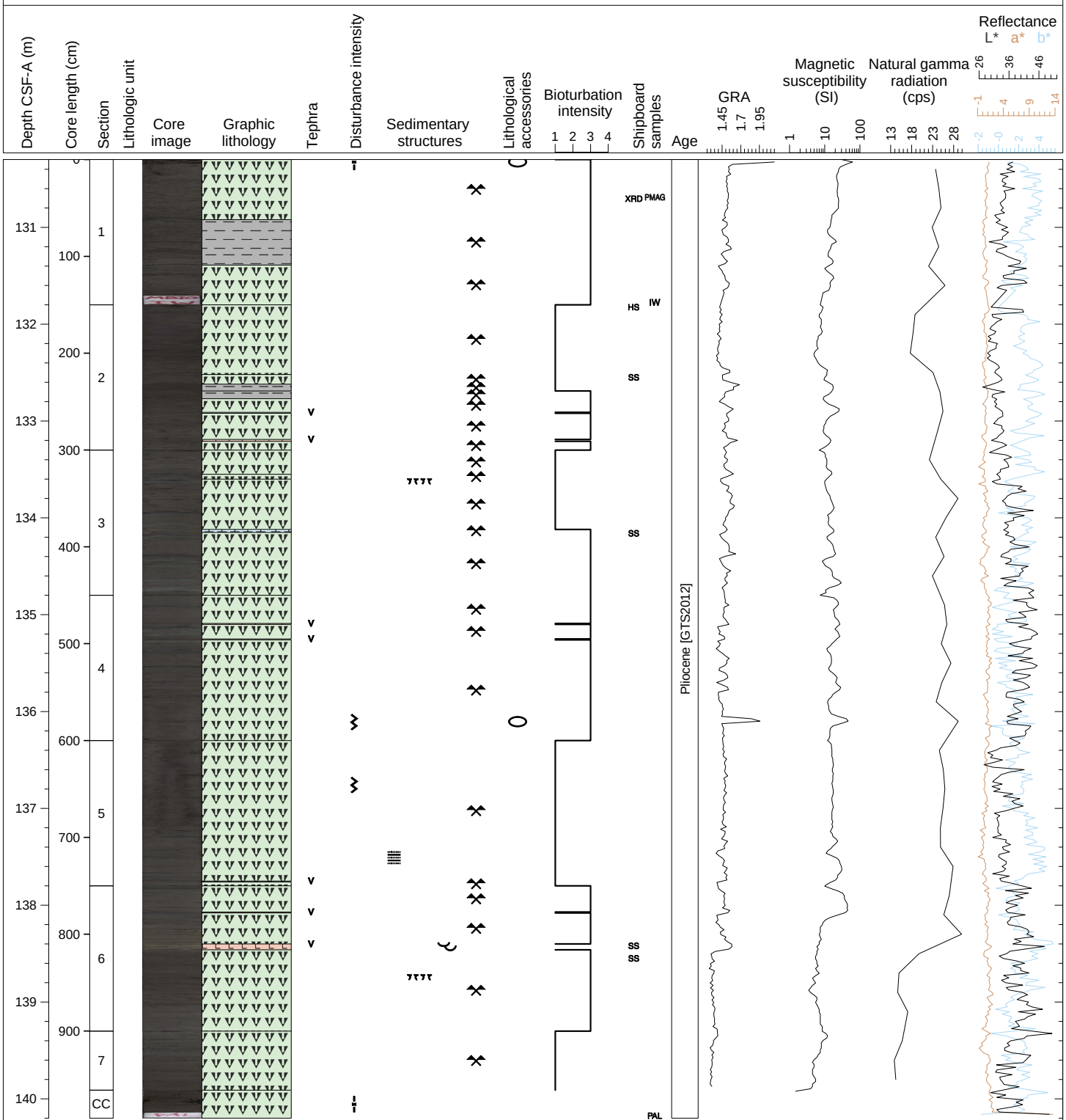
Hole 346-U1424A Core 14H, Interval 120.8-130.55 m (CSF-A)

DIATOM OOZE (dark gray), mottled throughout from heavy bioturbation. DOLOMITE concretions are found at the top of Section 1 (0-2 cm) and at Section 3, 100-115 cm. A TEPHRA-RICH (vitric) interval is found between 138-147 cm in Section 3. Slight to moderate drilling disturbance from Section 4 to the base of the CC.



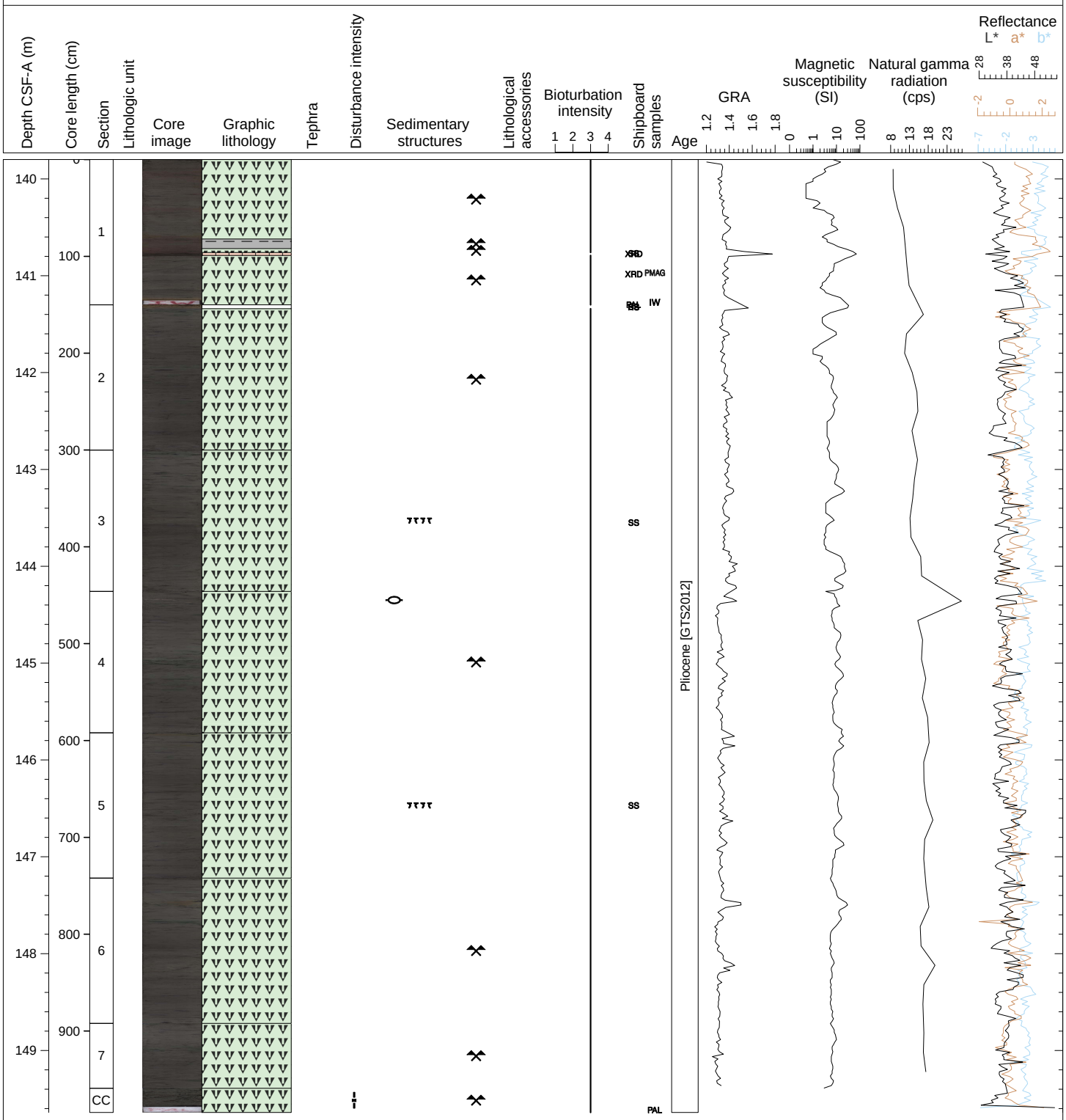
Hole 346-U1424A Core 15H, Interval 130.3-140.2 m (CSF-A)

DIATOM OOZE (dark gray) with minor interbedded intervals of CALCAREOUS-BEARING DIATOM OOZE (dark greenish gray) and CALCAREOUS-BEARING CLAY. Slight to heavy bioturbation, with common mottling and some intervals of subtle color banding. Numerous thin light gray to gray vitric TEPHRA layers in Sections 2, 4, 5 and 6. Moderate disturbance at top of Section 1 and evidence of more severe disturbance (e.g., vertical bands suggesting mid-core stretching) in Sections 4 and 5.



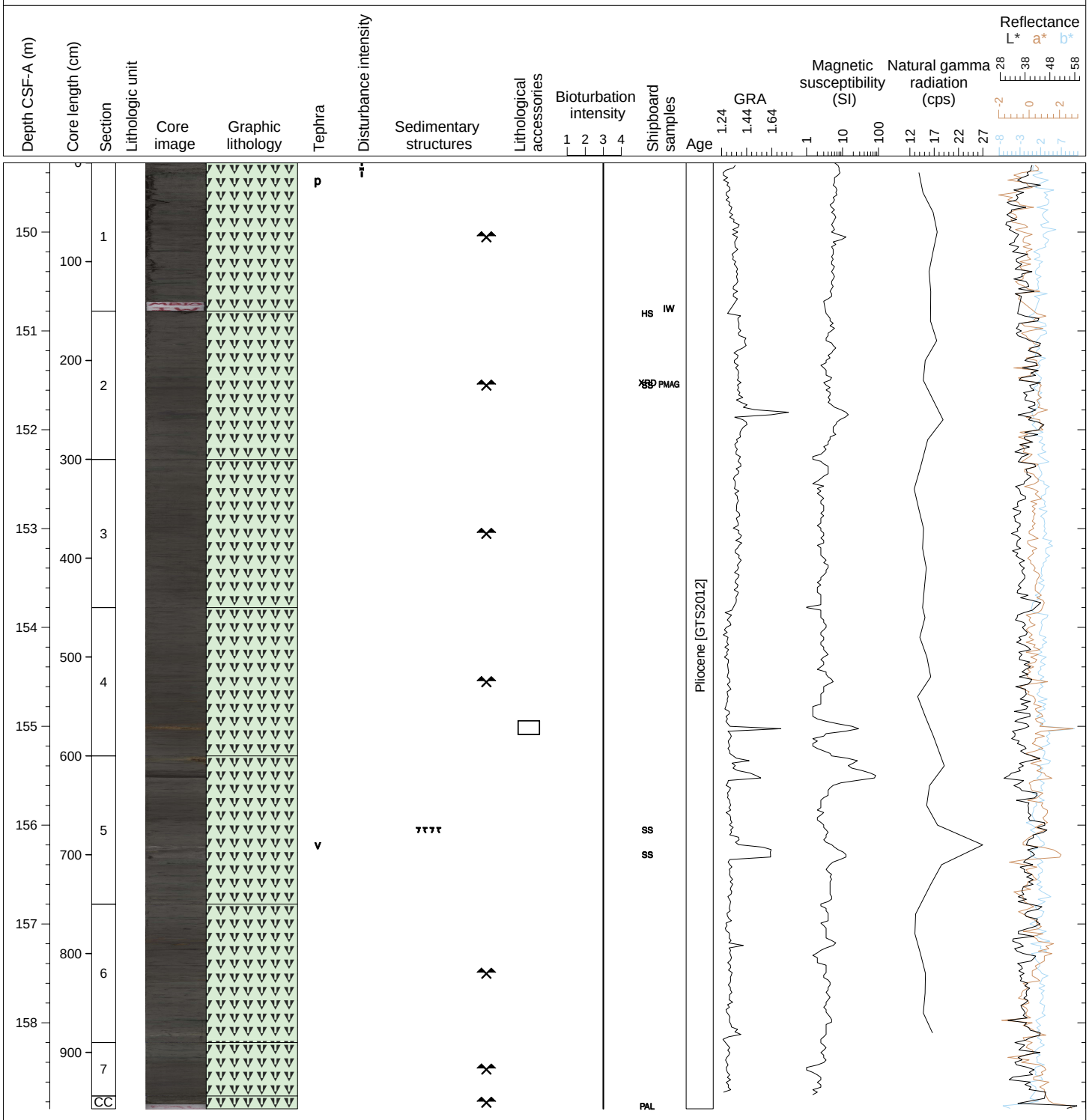
Hole 346-U1424A Core 16H, Interval 139.8-149.64 m (CSF-A)

DIATOM OOZE (gray to dark gray), showing evidence of moderate to heavy bioturbation with common mottling. Section 1, 82-92 cm, contains a TEPHRA-RICH CLAY layer (dark gray) that lies several cm above a very dark gray TEPHRA layer at 96-99 cm. A thin lens of vitric TEPHRA also is found at Section 4, 8-10 cm. Slight to moderate core disturbance.



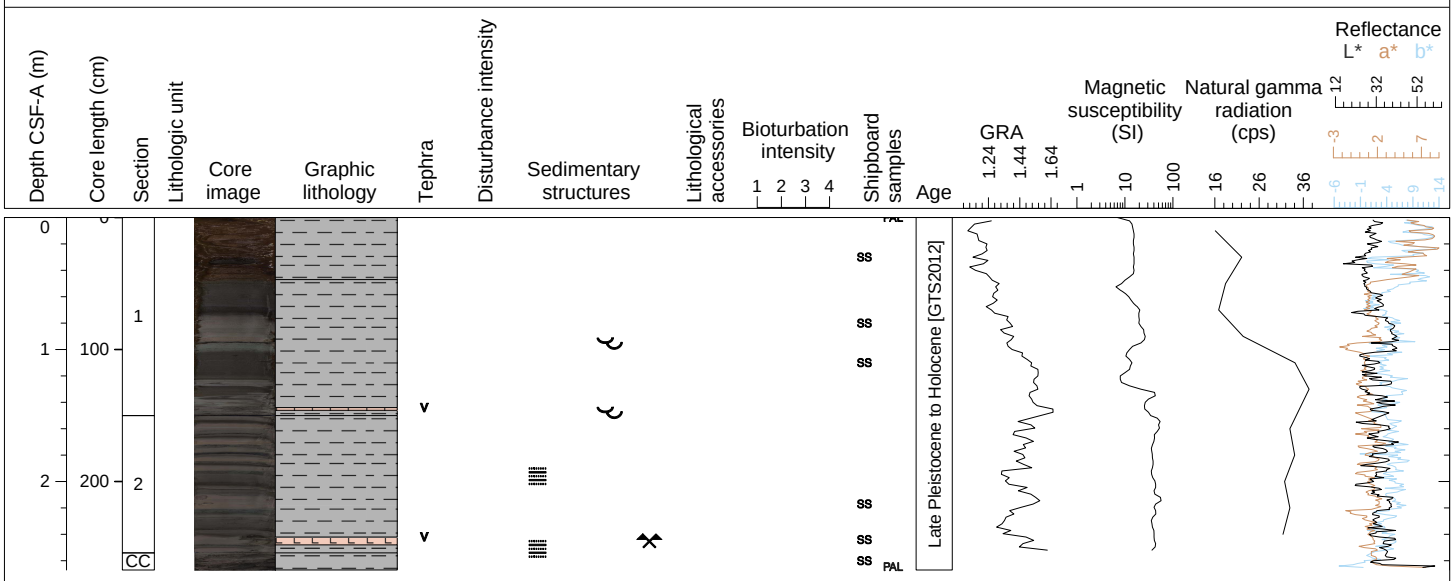
Hole 346-U1424A Core 17H, Interval 149.3-158.87 m (CSF-A)

DIATOM OOZE (gray to greenish gray) showing evidence of moderate to heavy bioturbation, with common mottling. A thin gray pumiceous TEPHRA is found in Section 1, 20-22 cm, and a thicker vitric TEPHRA (light gray) is located at Section 5, 91-103 cm. A semi-indurated diagenetic calcite layer is present in Section 4, 120-123 cm.



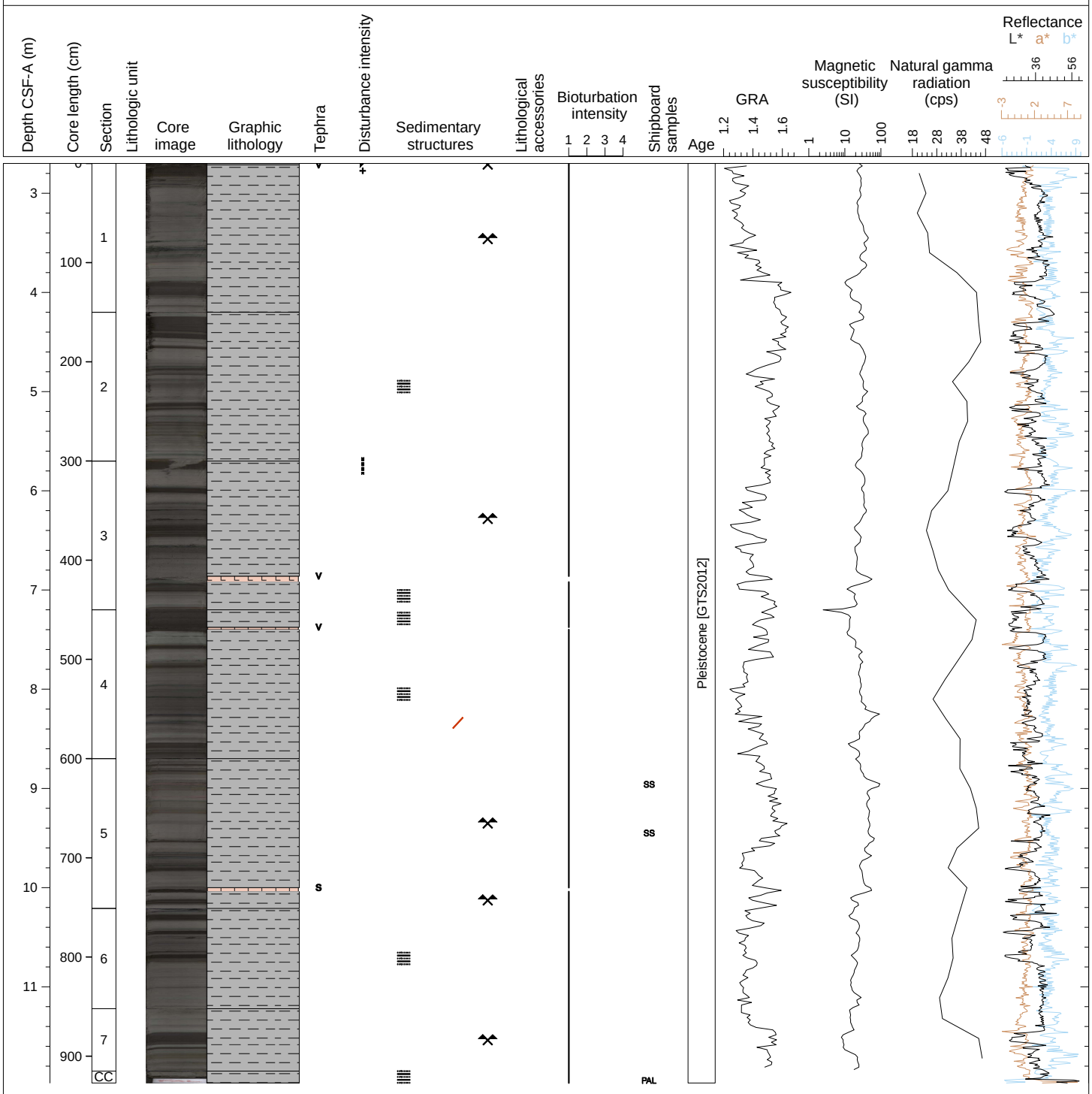
Hole 346-U1424B Core 1H, Interval 0.0-2.67 m (CSF-A)

CLAY, characterized by distinct decimeter-scale color banding (dark brown, light gray, greenish gray), with some intervals showing finer laminations. Top 47 cm is oxidized, yellowish red in color, and contains the mudline. Bioturbation is absent to slight and pyrite is relatively common throughout. Two gray vitric TEPHRA layers are observed in Section 1, 144-146 cm, and Section 2, 92-98 cm.



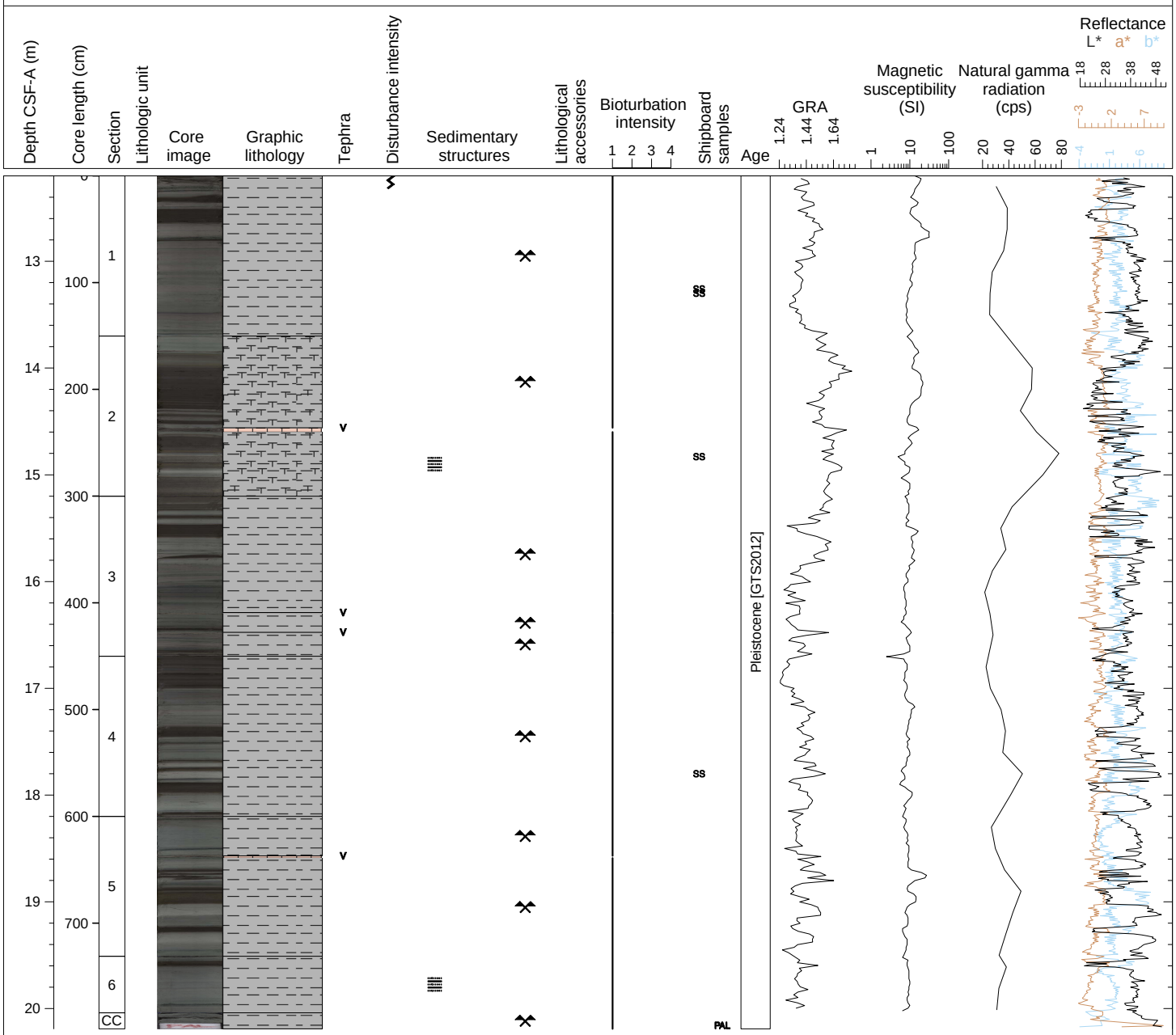
Hole 346-U1424B Core 2H, Interval 2.7-11.97 m (CSF-A)

CLAY (light greenish gray) and minor interbedded SILTY CLAY with dark brown decimeter-scale color banding throughout. Bioturbation is minimal to slight with some intervals showing fine laminations and some coarser Foraminifer-bearing layers present. Pyrite is relatively common in smear slides. Several thin vitric TEPHRA layers are observed in Sections 1, 3, and 4, whereas a distinct scoriaceous layer is found in Section 5, 130-134 cm.



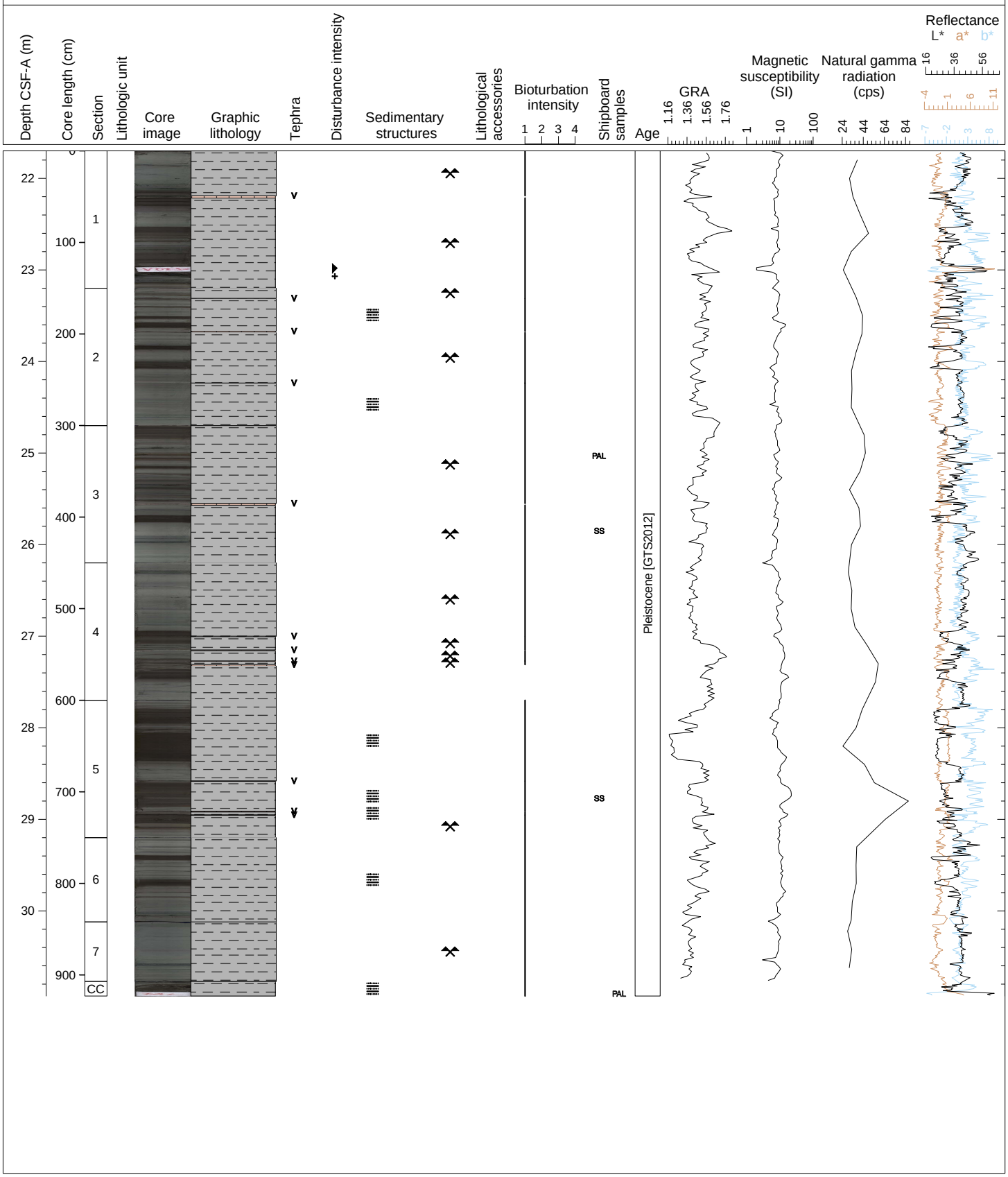
Hole 346-U1424B Core 3H, Interval 12.2-20.19 m (CSF-A)

CLAY (light greenish gray) with dark brown decimeter-scale color banding throughout and some coarser Foraminifer-bearing layers present in Section 2. Bioturbation is minimal to slight with some intervals showing fine laminations. Pyrite is relatively common in smear slides. Several thin vitric TEPHRA layers are present in Sections 2, 3 and 5, while Section 4 contains several mm-scale whitish layers that contain some carbonate. Slight to moderate disturbance throughout attributable to gas expansion.



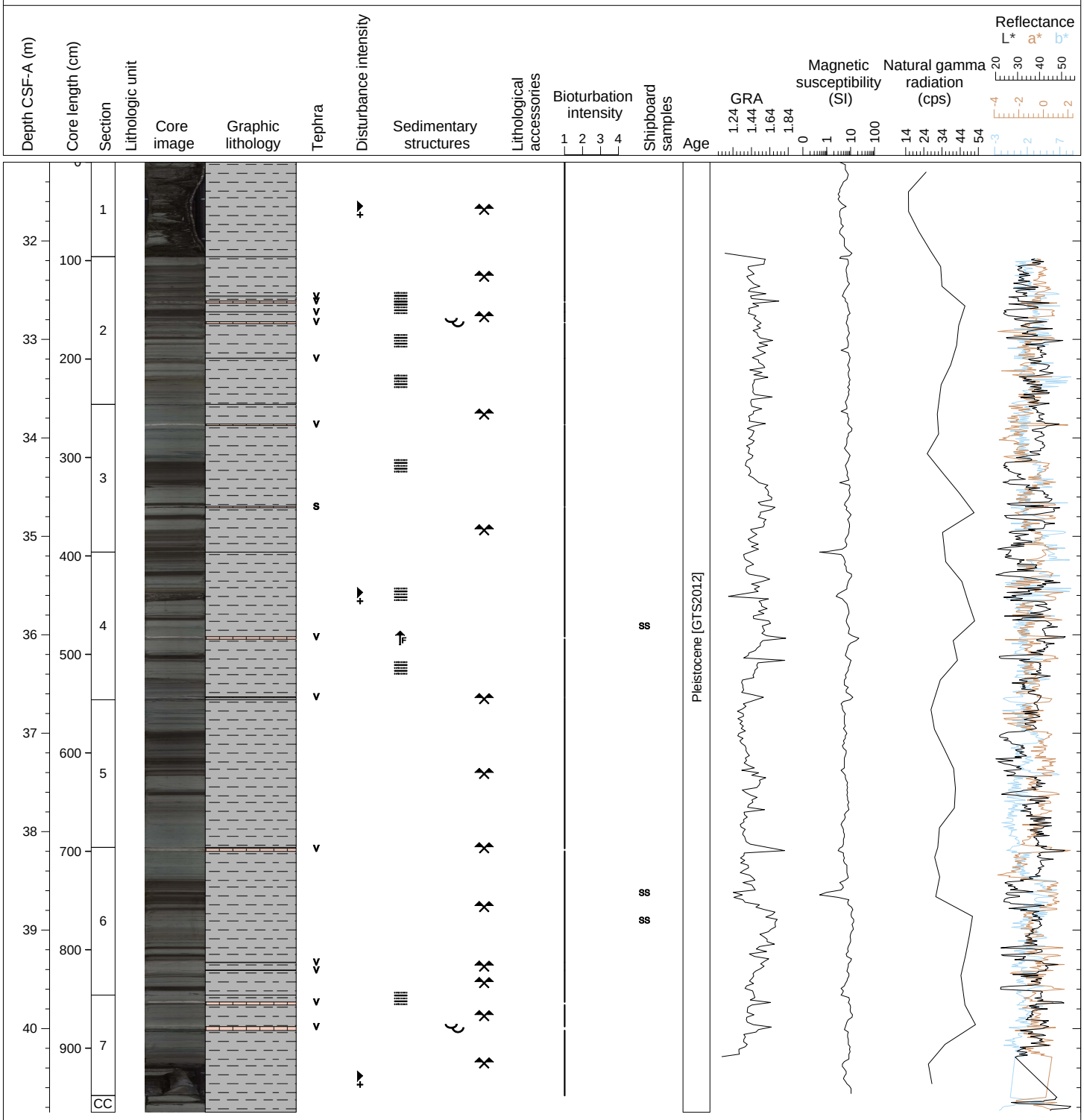
Hole 346-U1424B Core 4H, Interval 21.7-30.93 m (CSF-A)

CLAY (light greenish gray) with dark brown decimeter-scale color banding and scattered thin Foraminifer-bearing to Foraminifer-rich layers present. Bioturbation is minimal to slight with some intervals showing fine laminations, especially in Sections 2, 5, 6 and the CC. Pyrite is relatively common in smear slides. Numerous thin, gray vitric TEPHRA layers are present in Sections 1 to 5. Slight to moderate disturbance throughout attributable to gas expansion.



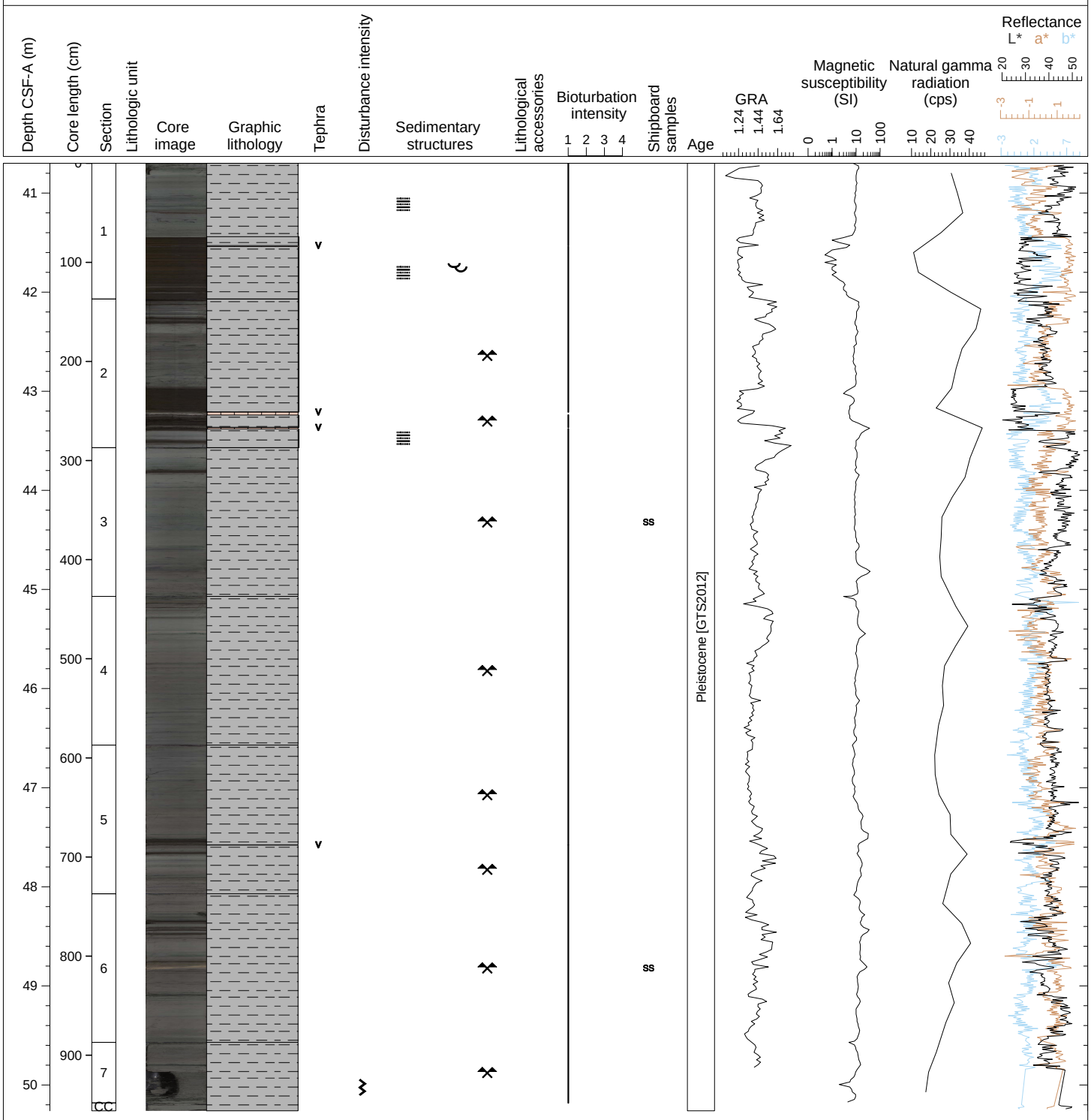
Hole 346-U1424B Core 5H, Interval 31.2-40.85 m (CSF-A)

CLAY (light greenish gray) with dark brown, decimeter-scale color banding throughout. Some of the darker layers are diatom-rich. Bioturbation is minimal to slight with some intervals showing fine laminations. Pyrite is relatively common in smear slides. Numerous thin (1-2 cm), gray vitric TEPHRA layers are present in all sections except Section 1. A single scoriaceous-type TEPHRA layer is observed in Section 3. Sections 1 and 7 are severely disturbed while the remainder of the core shows slight to moderate disturbance from gas expansion.



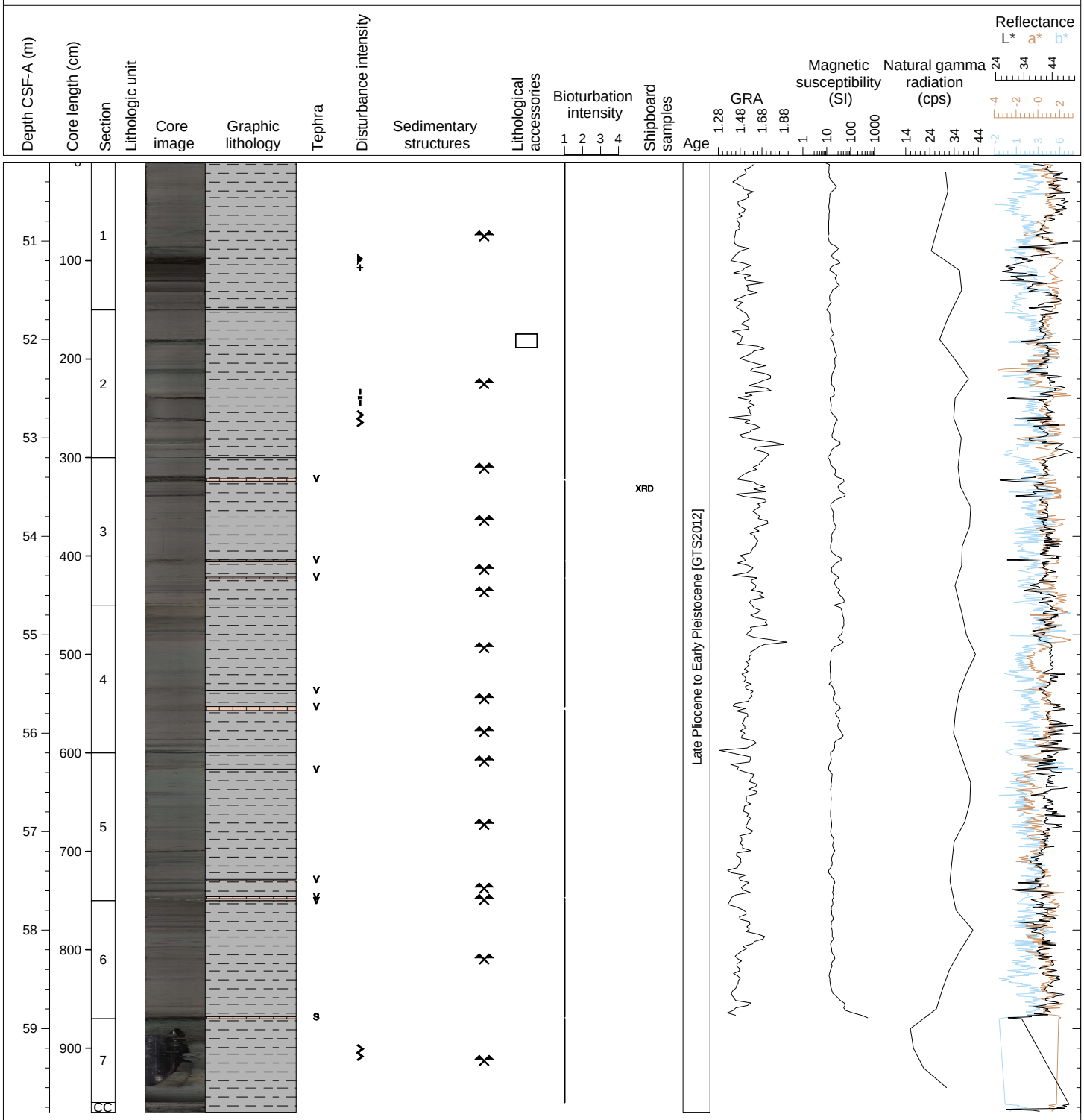
Hole 346-U1424B Core 6H, Interval 40.7-50.26 m (CSF-A)

CLAY (light greenish gray) with interbedded dark brown, decimeter-scale dark layers. Color banding is less evident in Sections 3, 4 and the top of Section 5. Slightly bioturbated throughout except for finely laminated intervals present in Sections 1 and 2. Pyrite is relatively common throughout in smear slides. Several thin (1-3 cm), gray vitric TEPHRA layers are present in Sections 1, 2 and 5. Severe core disturbance in Section 7, 30-60 cm, while rest of core shows minor disturbance from gas expansion.



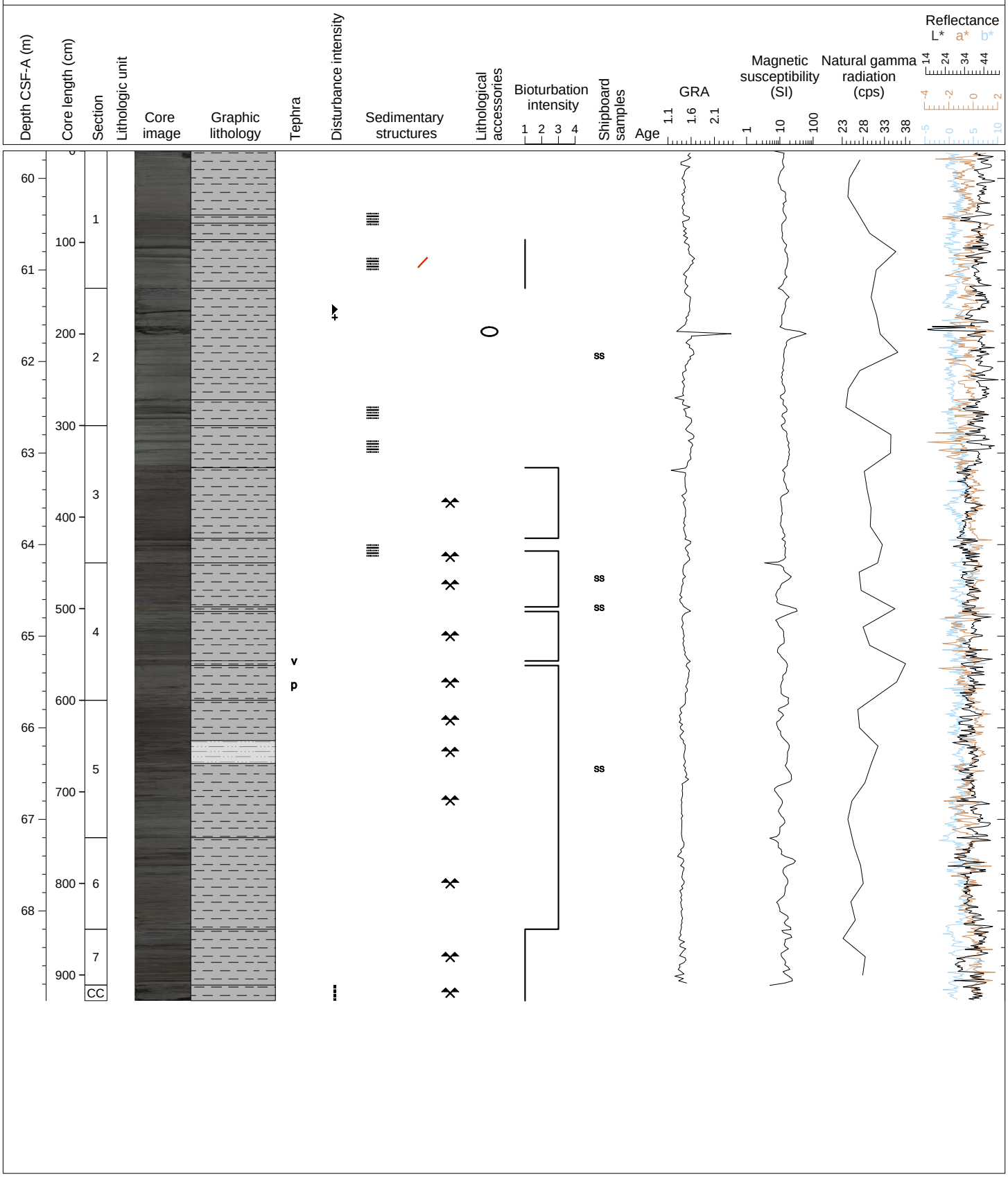
Hole 346-U1424B Core 7H, Interval 50.2-59.85 m (CSF-A)

CLAY (light greenish gray) with scattered, dark brown cm- to decimeter-scale layers. Several thin (1-2 cm), well indurated carbonate-rich layers are observed in Sections 2 and 3, and the sequence is slightly bioturbated throughout. Sections 3 to 6 contain a number of gray vitric TEPHRA layers and one prominent dark gray scoria layer is present in Section 6, 118-120 cm. Moderate to severe drilling disturbance in Sections 1, 2 and 7.



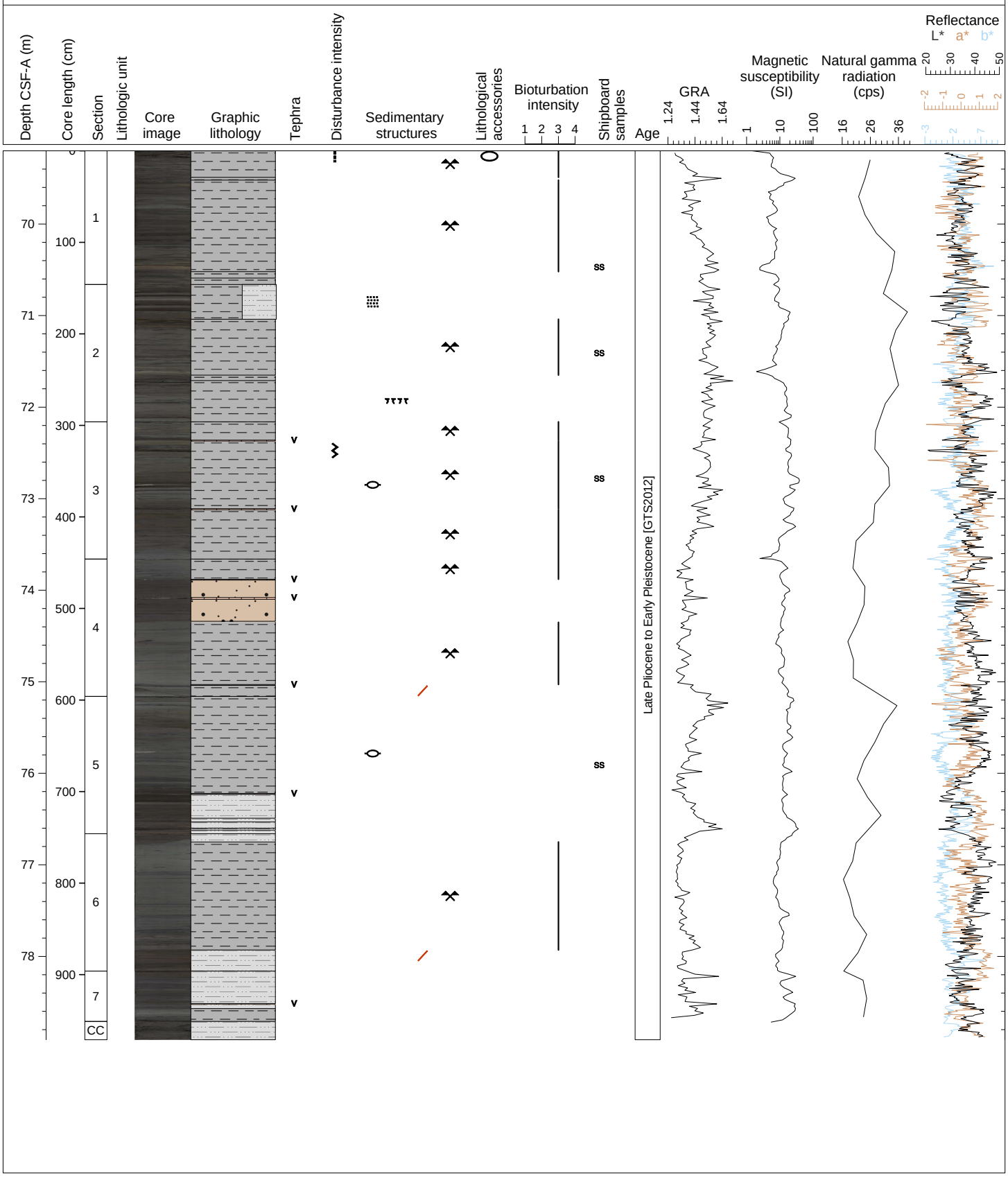
Hole 346-U1424B Core 8H, Interval 59.7-68.98 m (CSF-A)

CLAY (greenish gray), characterized by subtle cm- to decimeter-scale color banding (dark brown), with some intervals showing finer laminations. A carbonate concretion is found in Section 2, 46-49 cm, while Section 4, 0-53 cm, contains significant intermixed fine micrite (MICRITE-BEARING CLAY). A microfault slightly offsets strata in Section 1, 117-127 cm, and bioturbation intensity ranges from slight to heavy. Two thin, gray TEPHRA layers, one vitric and one pumiceous, are observed in Section 4. Section 2 is heavily disturbed and contains an expansion void while Sections 3 to 6 also show moderate disturbance.



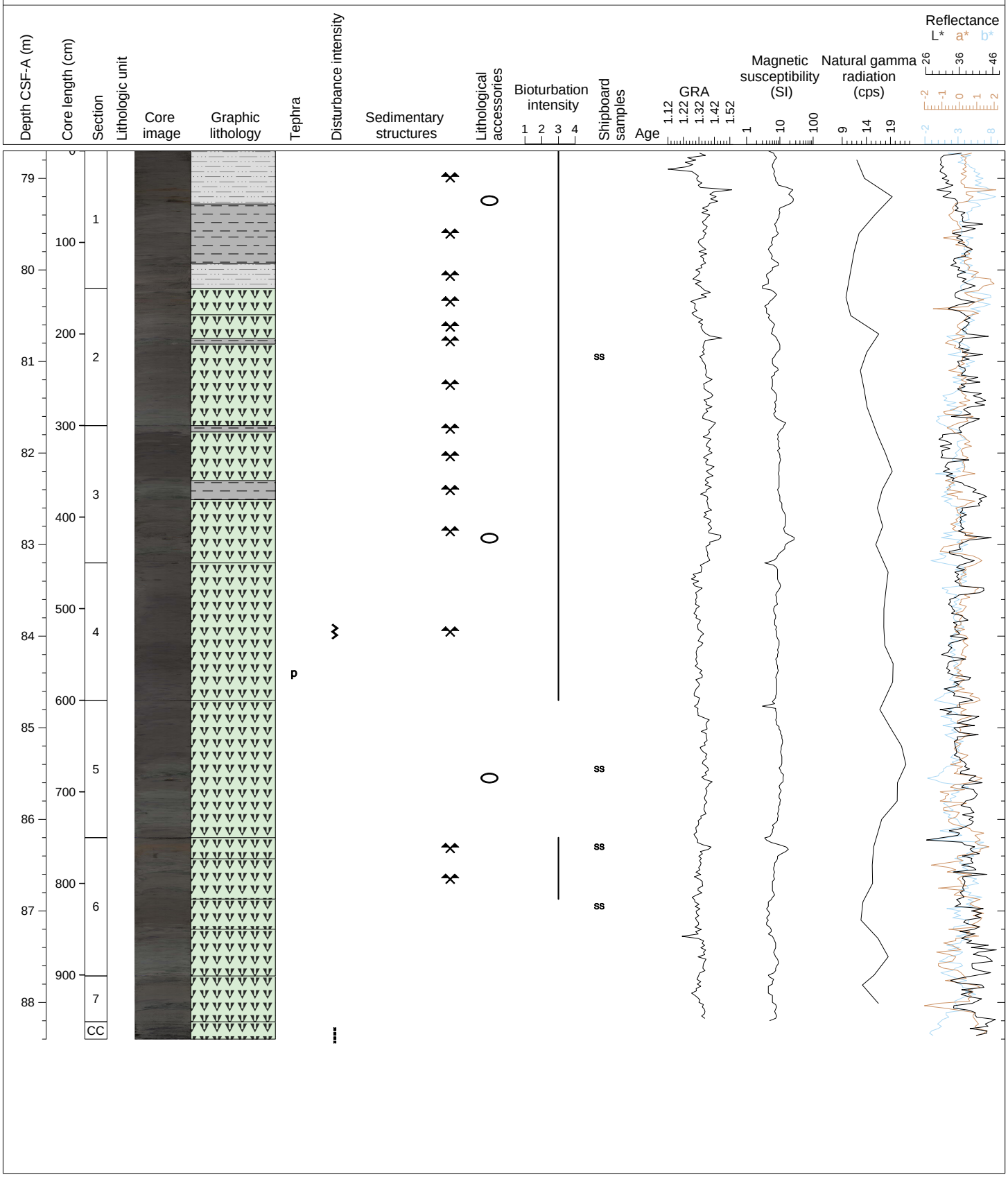
Hole 346-U1424B Core 9H, Interval 69.2-78.91 m (CSF-A)

CLAY (greenish gray), with SILTY CLAY and SANDY SILT (gray to dark olive gray) as minor interbedded components. Color banding is common though heavy bioturbation in intervals results in a mottled appearanace. Numerous thin, vitric TEPHRA layers (white, gray, and dark gray) are present in Sections 3, 4, 5 and 7. Slight to moderate disturbance from gas expansion affects much of the core.



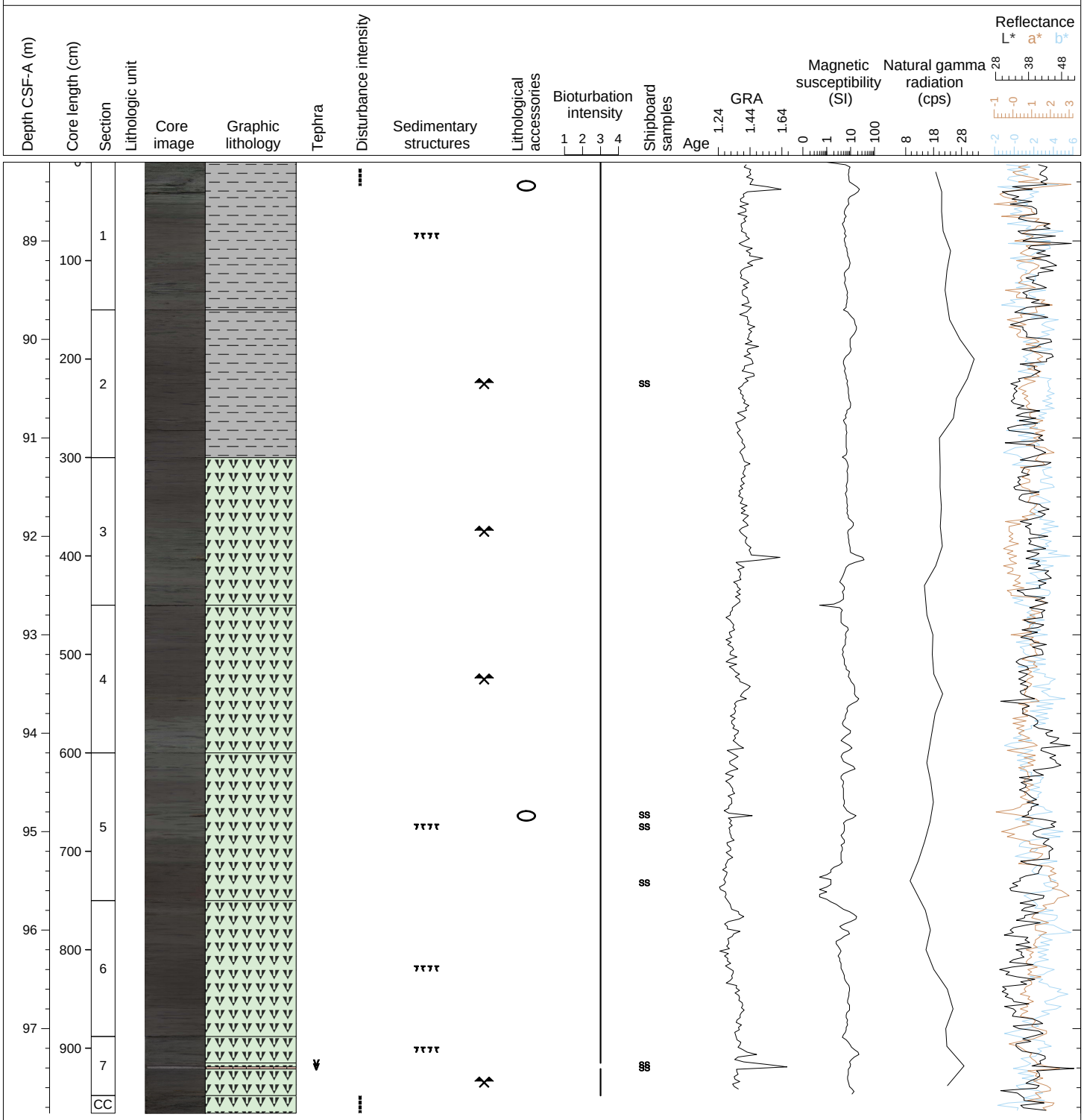
Hole 346-U1424B Core 10H, Interval 78.7-88.4 m (CSF-A)

CLAY and SILTY CLAY (greenish gray) in Section 1 grading downward into DIATOM OOZE (greenish gray, olive gray and grayish brown) in Sections 2 to CC. Dolomite nodules are found in Section 1, 53-56 cm, Section 3, 122-124 cm, and Section 5, 81-89 cm, while traces of PUMICE are observed in a lens found at Section 4, 122-123 cm. Slight to moderate disturbance from gas expansion.



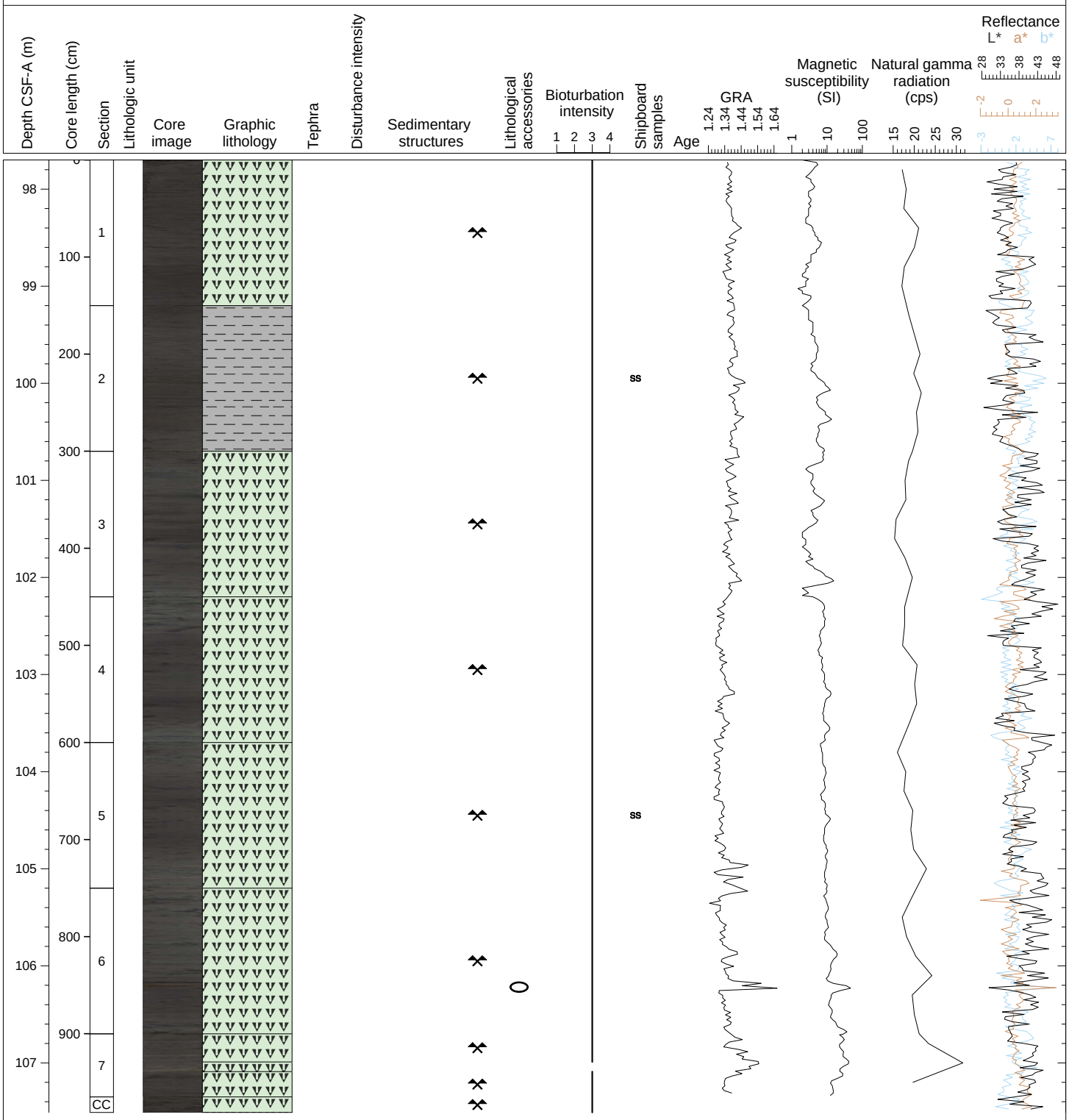
Hole 346-U1424B Core 11H, Interval 88.2-97.86 m (CSF-A)

DIATOM-RICH CLAY (gray) in Sections 1 and 2 overlying DIATOM OOZE (greenish gray) for the remainder of the core. Bioturbation is heavy and well indurated, dolomitized layers are found in Section 1, 17-31 cm, and Section 5, 63-65 cm. A light gray vitric TEPHRA layer is present in Section 7, 31-33 cm, which has been mixed upward by burrowing.



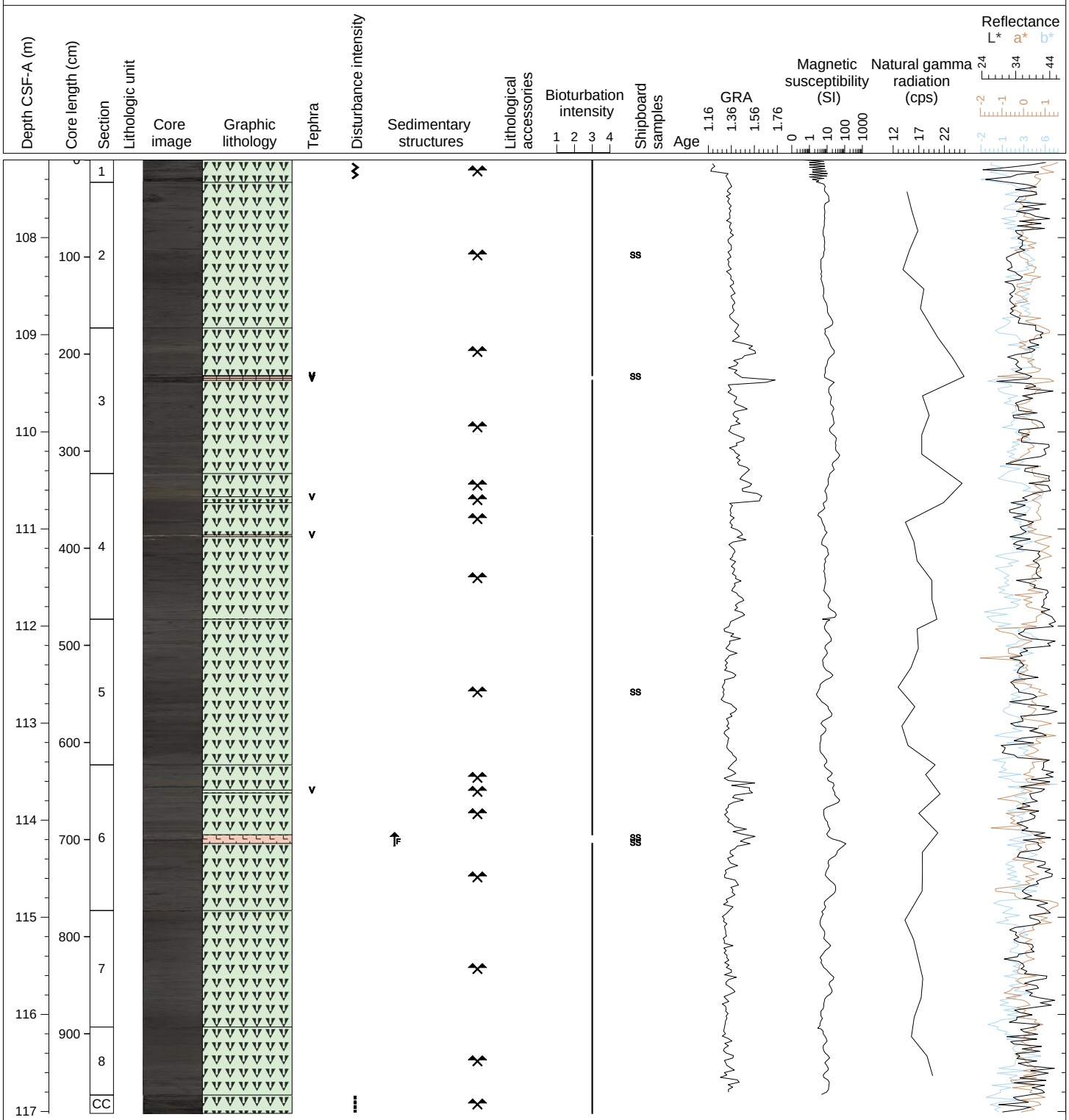
Hole 346-U1424B Core 12H, Interval 97.7-107.51 m (CSF-A)

DIATOM OOZE (gray) with DIATOM-RICH CLAY in Section 2, heavily bioturbated throughout but with subtle color variations on a decimeter scale. A well indurated carbonate concretion (dolomite?) is found in Section 6, 101-103 cm, and a TEPHRA-RICH interval is observed in Section 7, 29-39 cm, likely a discrete ash layer dispersed through bioturbation. Slight to moderate disturbance from gas expansion.



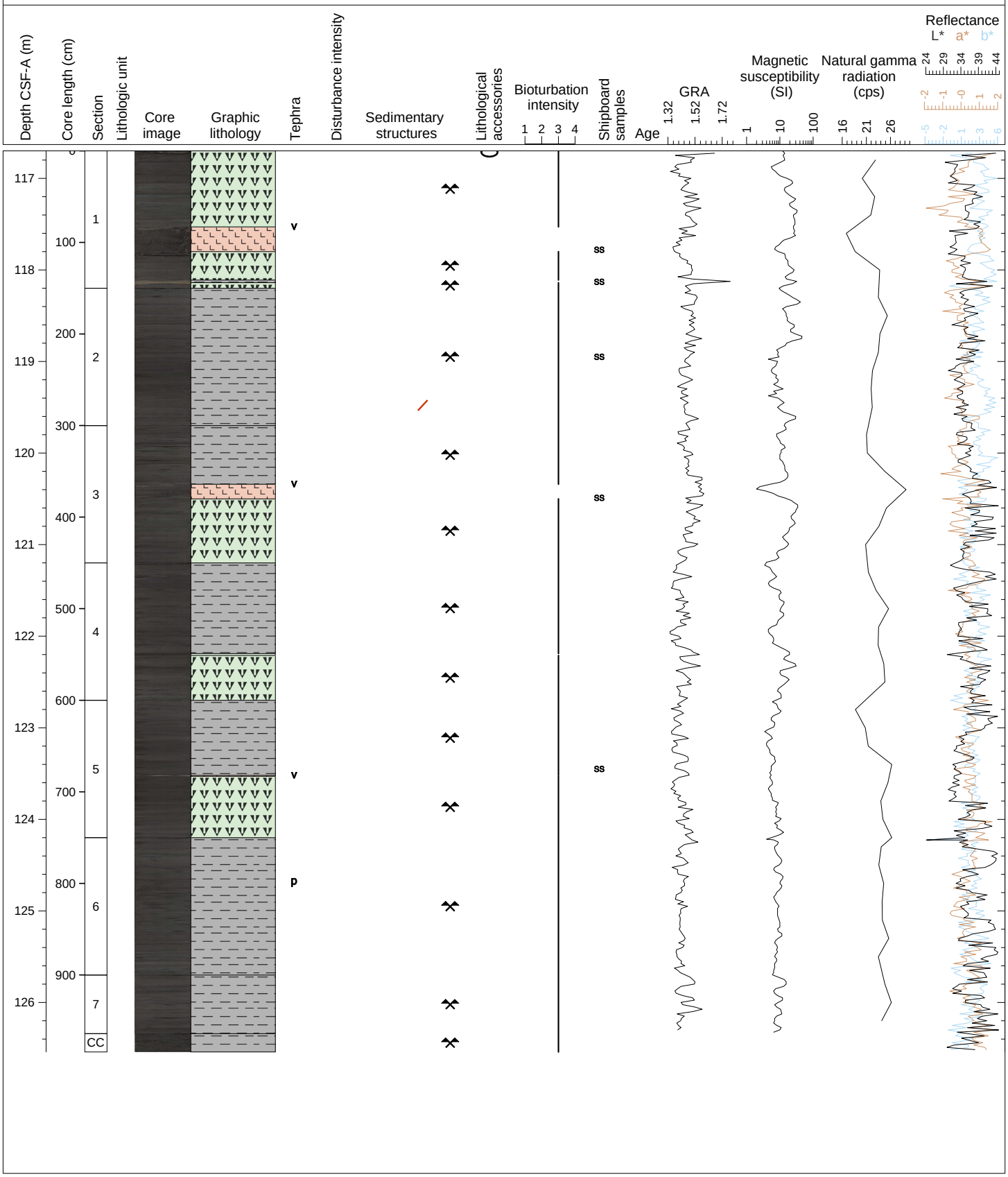
Hole 346-U1424B Core 13H, Interval 107.2-117.02 m (CSF-A)

DIATOM OOZE (gray), heavily bioturbated throughout. Several thin vitric TEPHRA layers (light gray to white) are found in Sections 3 and 4, while a thicker, normally graded TEPHRA layer is present in Section 6, 72-81 cm. The top 23 cm of Section 1 are heavily disturbed and slight disturbance from gas expansion is present through the rest of the core.



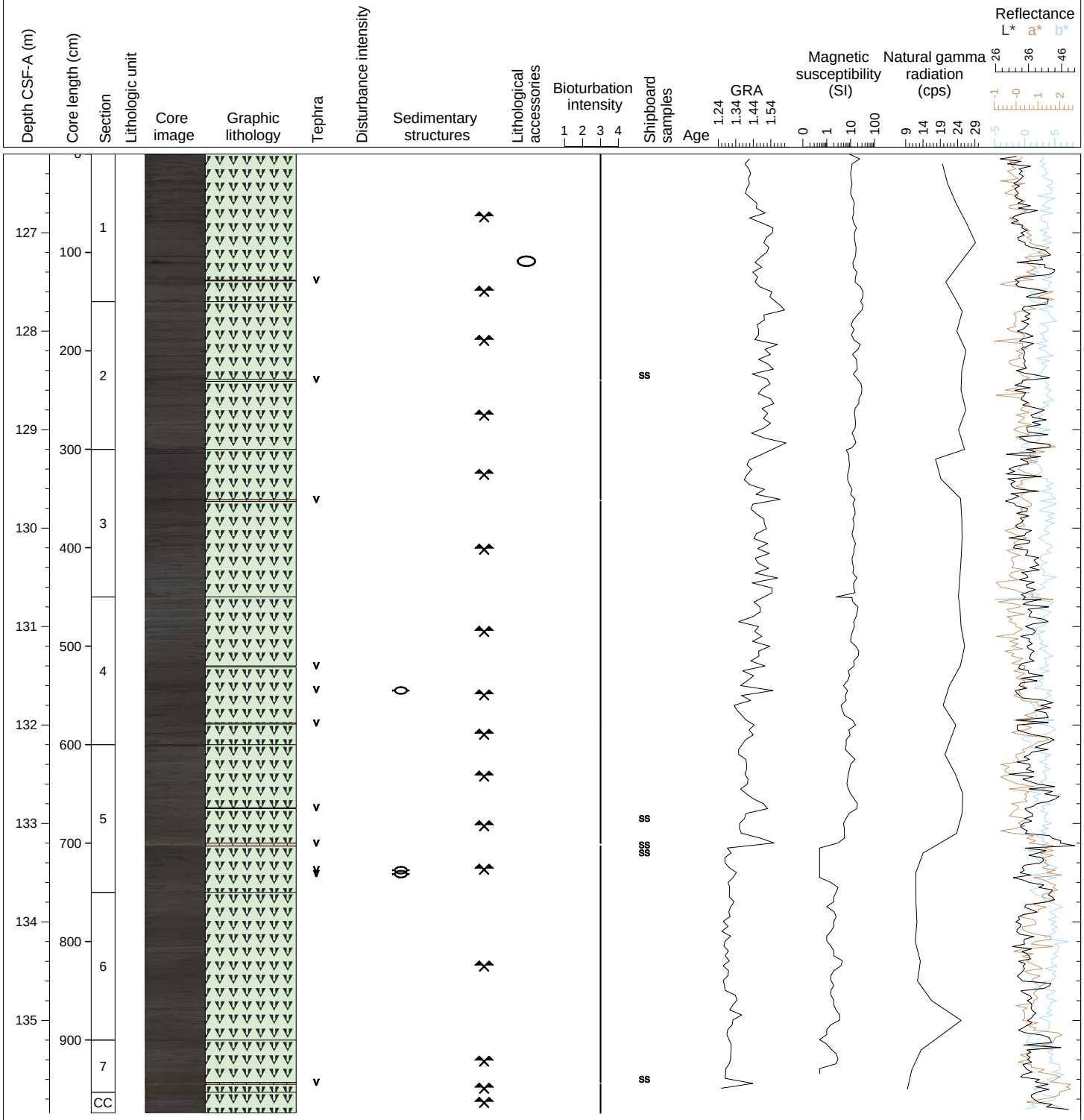
Hole 346-U1424B Core 14H, Interval 116.7-126.54 m (CSF-A)

Interbedded DIATOM OOZE and DIATOM-RICH CLAY (gray) with a thin interval of CALCAREOUS-BEARING CLAY in Section 1, 141-144 cm. Two thick vitric TEPHRA layers are present in Section 1, 83-110 cm, and Section 3, 64-80 cm. Two thin TEPHRA layers (~1-2 cm), one vitric and one pumiceous, are present in Sections 5 and 6, respectively. A small microfault visibly displaces strata in Section 2, 117-139 cm. Slight disturbance from gas expansion through much of the core.



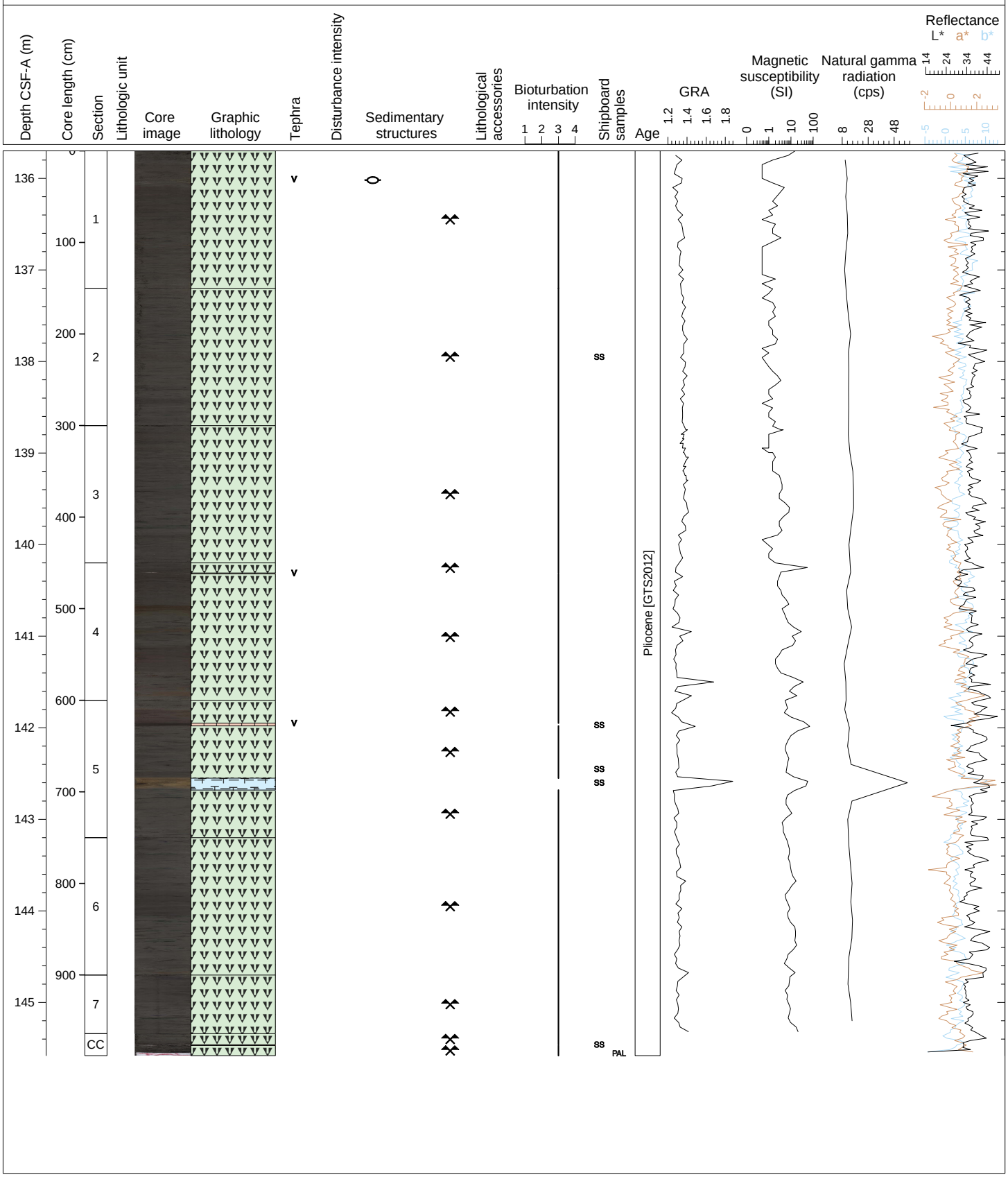
Hole 346-U1424B Core 15H, Interval 126.2-135.94 m (CSF-A)

DIATOM OOZE (gray), heavily bioturbated with numerous thin vitic TEPHRA layers observed in all sections except for Section 6. A dolomite concretion is found in Section 1, 108-110 cm. Slight disturbance throughout from gas expansion.



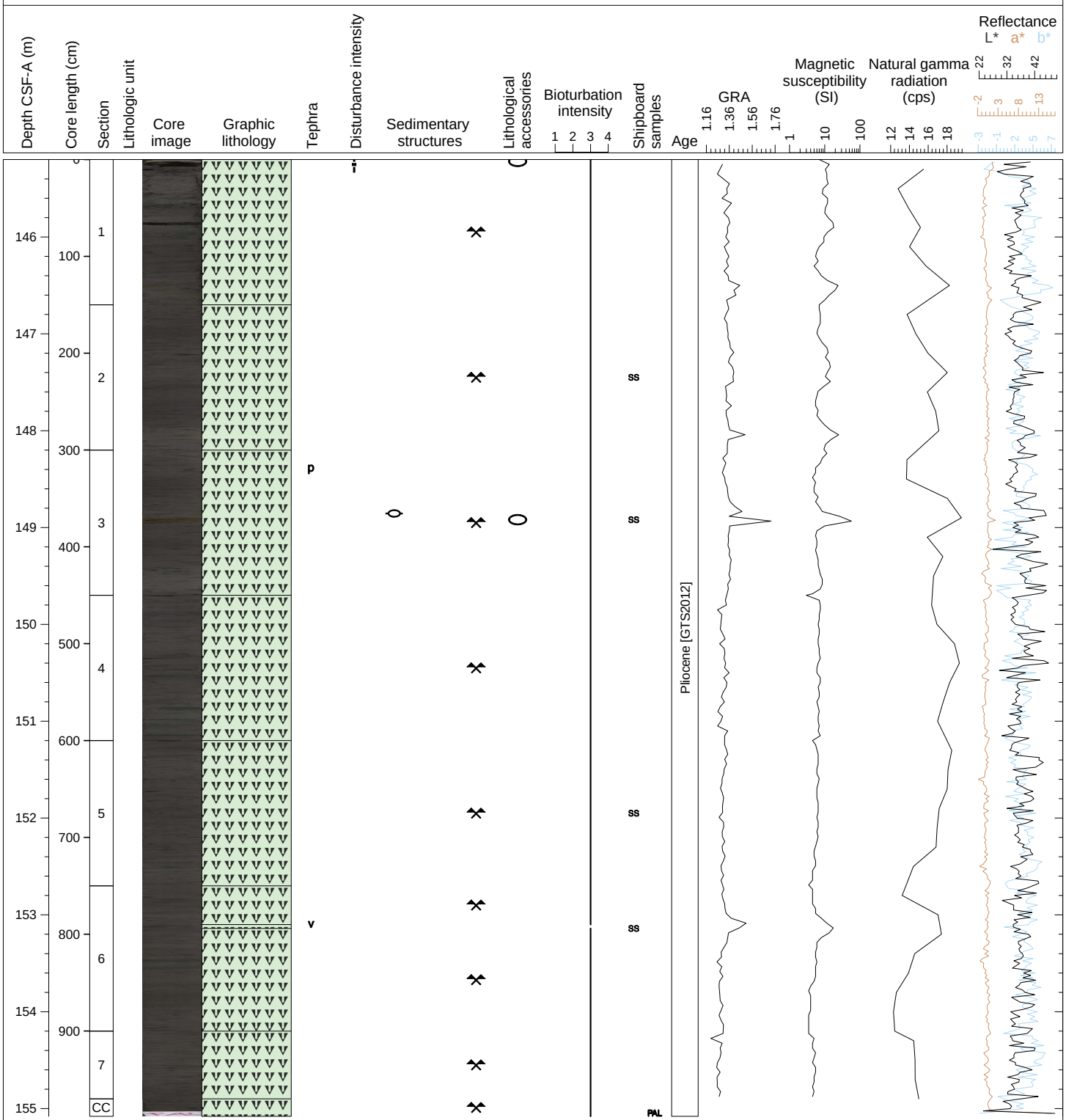
Hole 346-U1424B Core 16H, Interval 135.7-145.58 m (CSF-A)

DIATOM OOZE (gray), heavily bioturbated, with a 13-cm thick interval of light yellowish brown DIATOM-RICH FORAMINIFERAL OOZE WITH CLAY present in Section 5, 85-98 cm. Thin vitric TEPHRA layers (light gray to very dark gray) are found in Sections 1, 4 and 5. Core shows effects of slight disturbance from gas expansion.



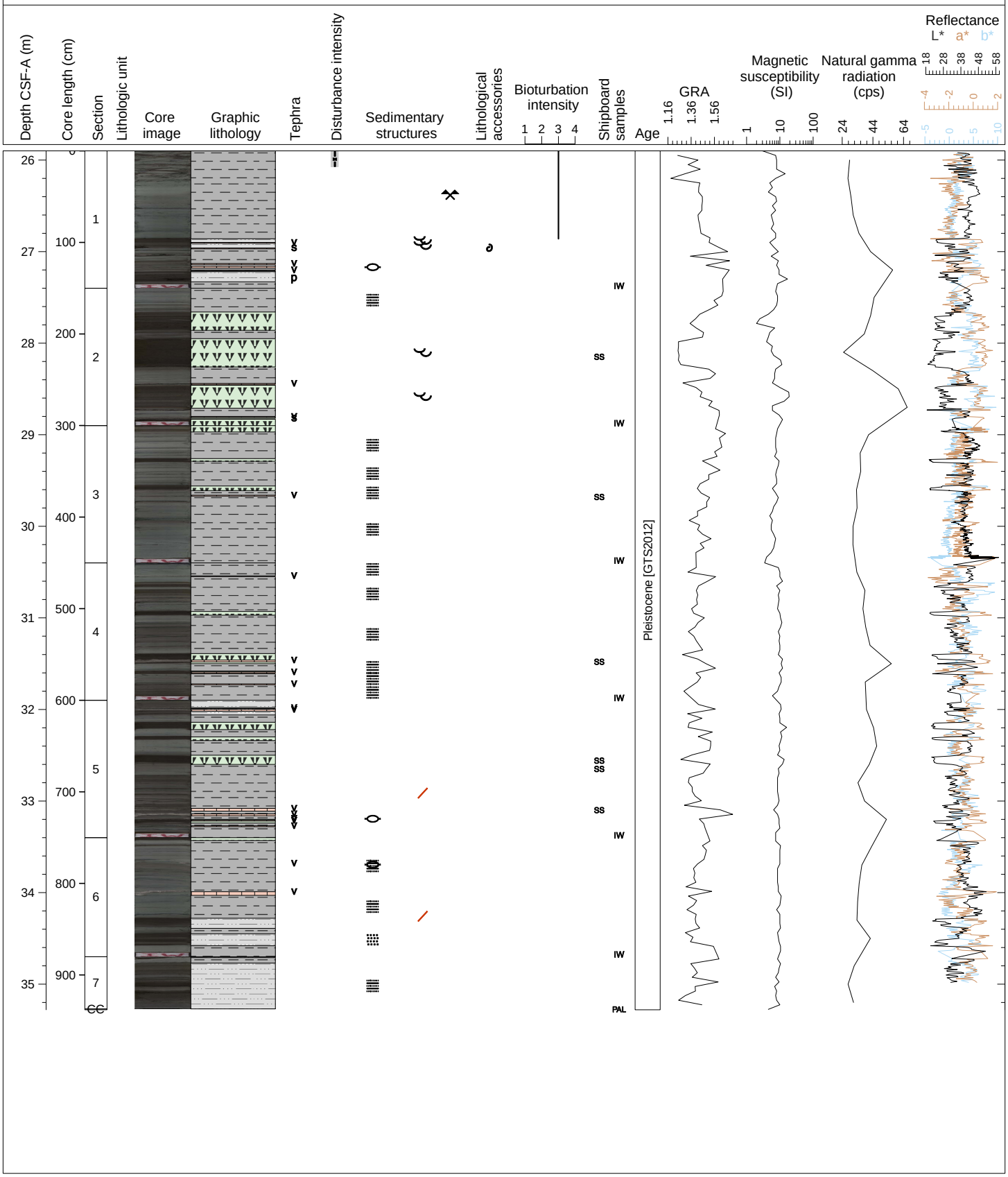
Hole 346-U1424B Core 17H, Interval 145.2-155.08 m (CSF-A)

DIATOM OOZE (gray), heavily bioturbated throughout, with traces of PUMICE in a layer at Section 3, 20-22 cm, and of vitric TEPHRA in Section 3, 64-67 cm. Well indurated carbonate (dolomite?) concretions are found at the top of the core in Section 1, 0-4 cm, and Section 3, 71-73 cm. The top 10 cm of Section 1 is moderately to heavily disturbed while the rest of the core shows slight disturbance from gas expansion.



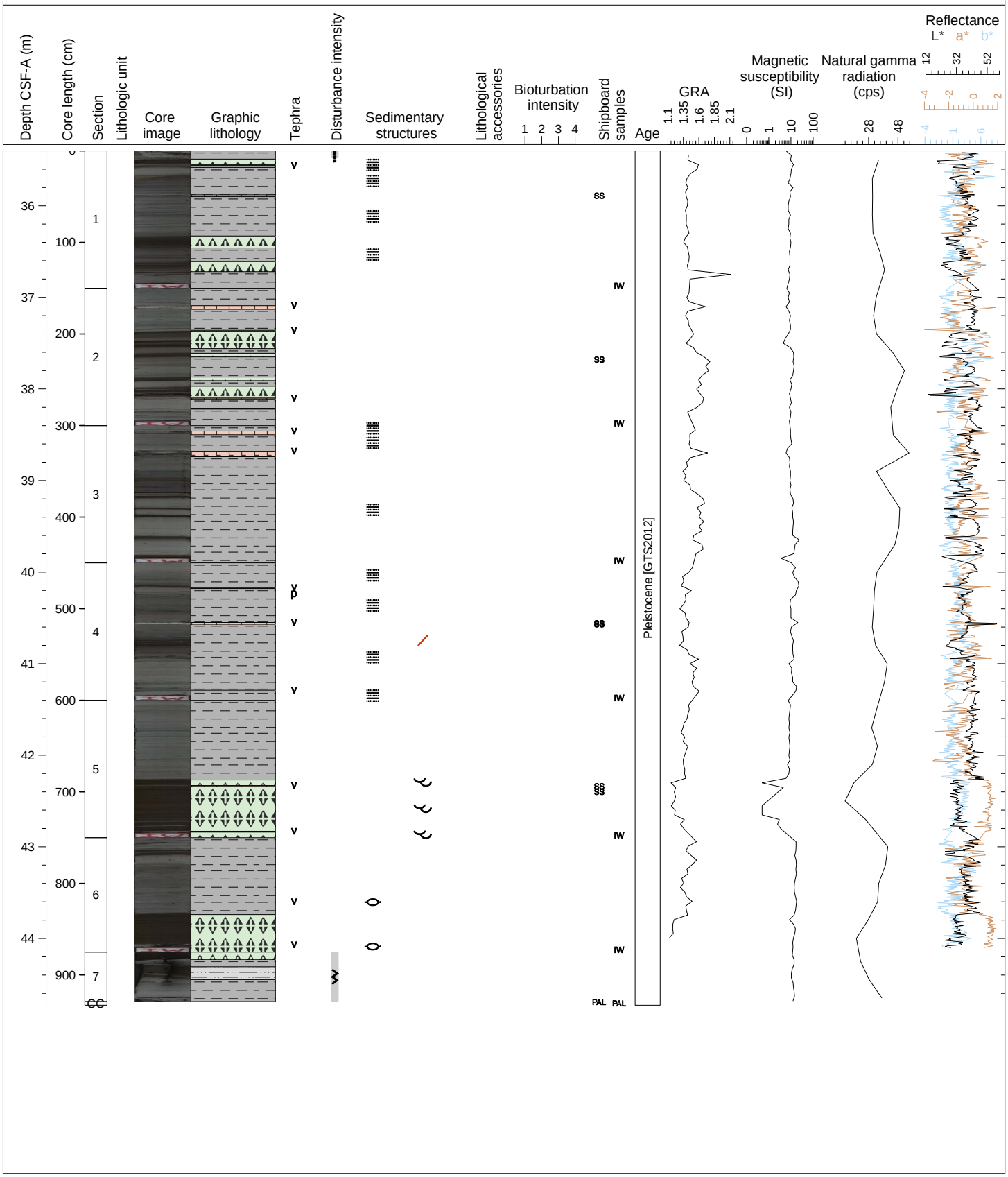
Hole 346-U1424C Core 4H, Interval 25.9-35.28 m (CSF-A)

CLAY, SILTY CLAY and DIATOM OOZE (greenish gray, dark olive gray), interbedded, with minor intervals of FORAMINIFER-RICH DIATOM OOZE in Section 2. Little to no evident bioturbation. Prounounced light-dark color banding throughout on a decimeter-scale with intermittent finely-laminated intervals. Numerous TEPHRA layers (typically 1-2 cm) in all sections except Section 7; all are vitric except for a pumiceous layer in Section 1, 140-142 cm, and a scoriaceous layer in Section 2, 142-143 cm. Moderate disturbance affects the top 18 cm of Section 1.



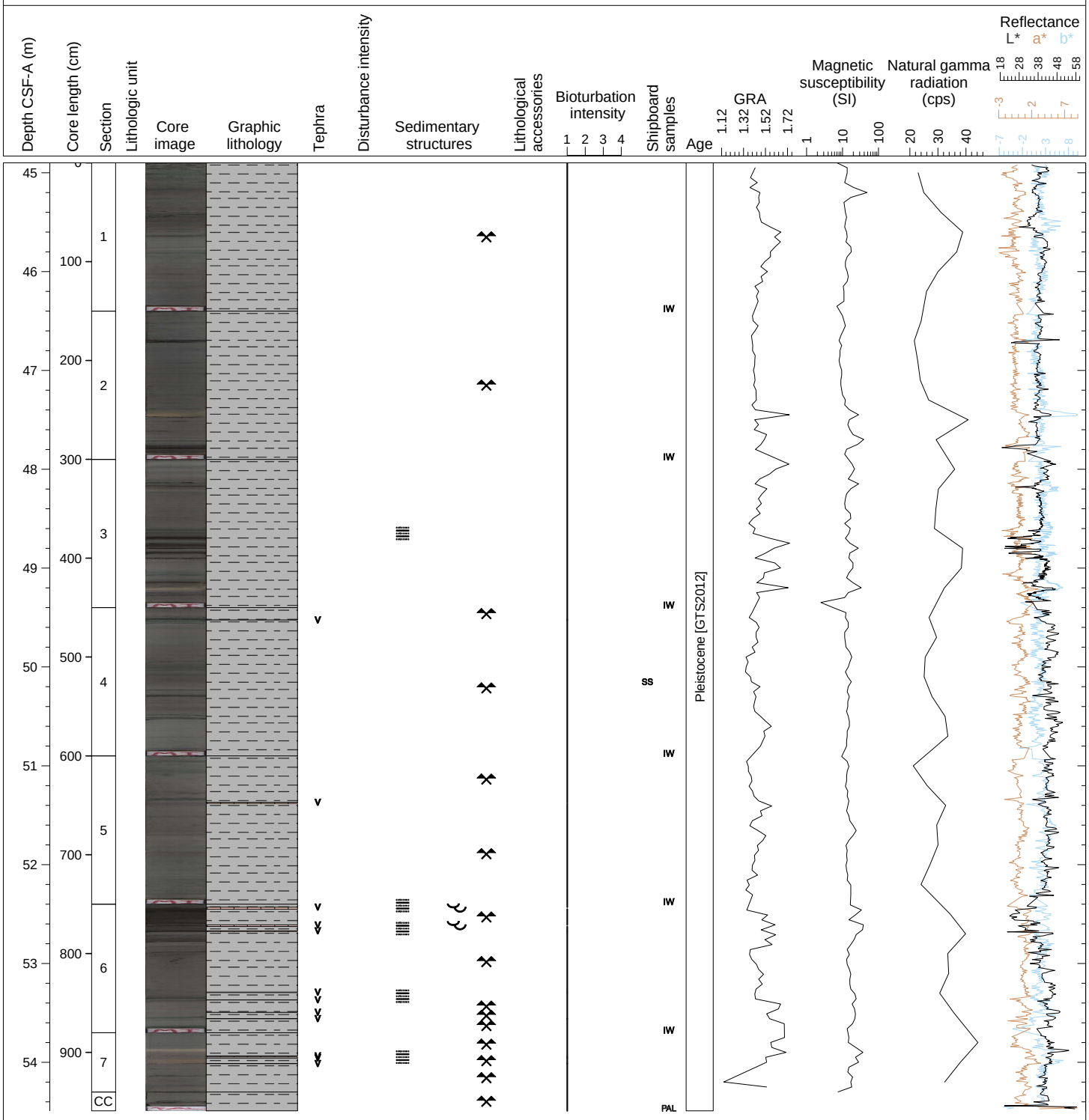
Hole 346-U1424C Core 5H, Interval 35.4-44.73 m (CSF-A)

CLAY and BIOSILICEOUS OOZE (greenish gray, dark grayish brown, dark olive gray), interbedded, with minor intervals of SILTY CLAY. Little to no evident bioturbation. Prounounced light-dark color banding throughout on a decimeter-scale with intermittent finely-laminated intervals. Numerous TEPHRA layers (typically 1-2 cm, but up to 6 cm), white to gray in color in all sections except Section 7; all but one are vitric in nature. A microfault offsets layering in Section 4, 80-90 cm. Slight to moderate disturbance in Section 1, 0-8 cm, with some fall-in.



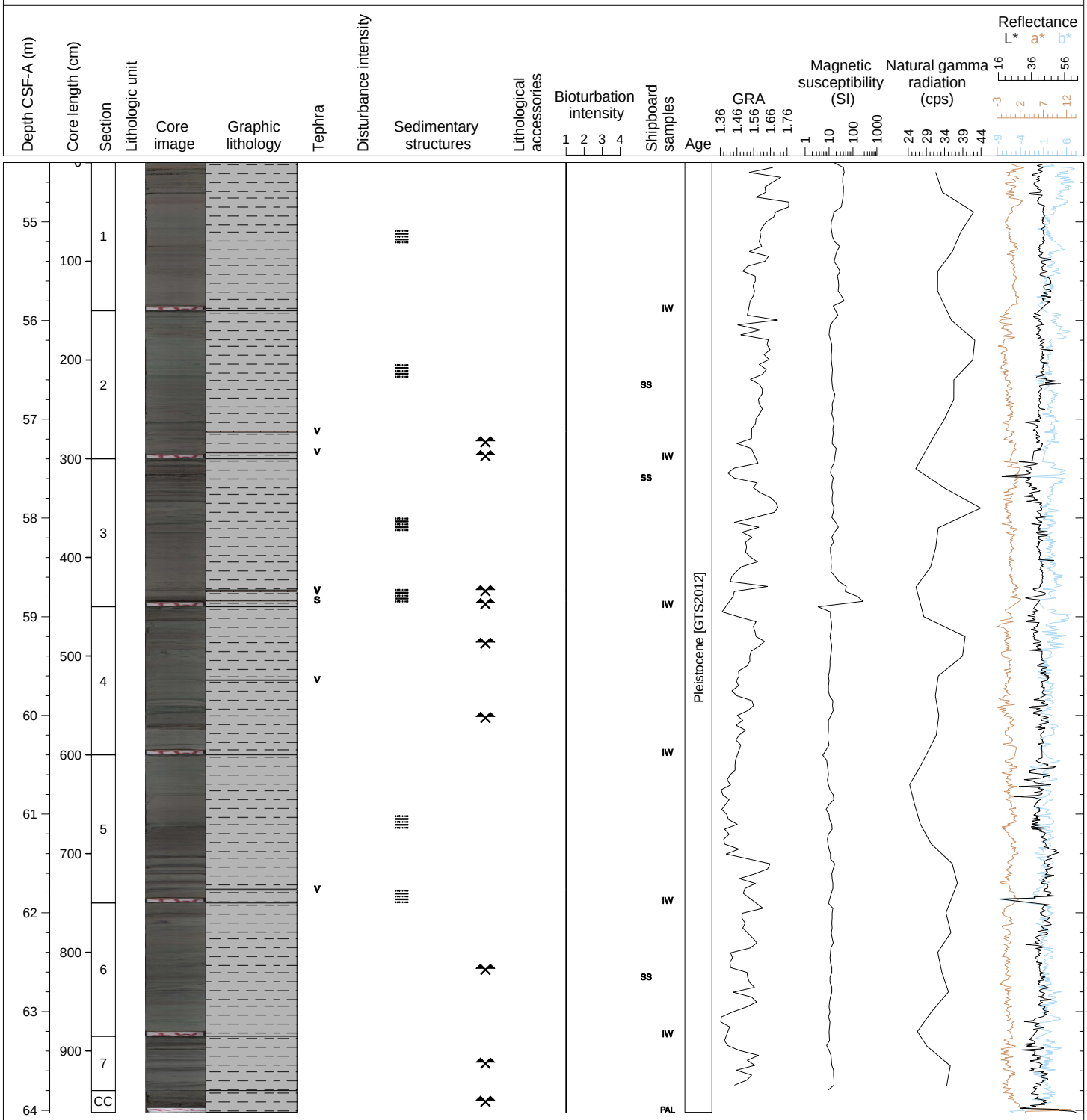
Hole 346-U1424C Core 6H, Interval 44.9-54.49 m (CSF-A)

CLAY (light greenish gray) with decimeter-scale light-dark color banding and evidence for slight bioturbation. Some intervals show finer laminations, especially in Sections 6 and 7. Several cm-scale layers of pale yellow carbonate-rich sediment are observed. Numerous thin vitric TEPHRA layers (white to gray) are observed in Sections 4 through 7, with most in Sections 6 and 7.



Hole 346-U1424C Core 7H, Interval 54.4-64.02 m (CSF-A)

CLAY (light greenish gray) with light-dark color banding and some intervals showing finer laminations. Bioturbation is generally minimal. Numerous thin (~1 cm) TEPHRA layers are present in Sections 2, 3, 4 and 5; most are vitric but one near the base of Section 3 is scoriaceous. Section 7, 0-54 cm, is moderately to highly disturbed from a damaged core liner.



Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Clay minerals abundance (name)	Augite abundance (name)	Glauconite abundance (name)	Pyrite, authigenic abundance (name)	Magnetite 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)	Pteropod fragments abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Dinoflagellate acritarch prasinophyte abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)
346-U1424A-1H-1-A 110/110-SED	1.1	1.1		25	75	5	95				100	A [A85]		C [A85]	C [A85]		C [A85]	C [A85]				Tr [A85]											
346-U1424A-1H-2-A 80/80-SED	2.3	2.3		20	80	5	95				100	A [A85]		C [A85]	A [A85]			C [A85]				R [A85]											
346-U1424A-1H-4-A 39/39-SED	4.89	4.89		15	85		10		50		60	C [A85]			C [A85]			R [A85]				Tr [A85]		A [A85]	C [A85]					C [A85]		A [A85]	A [A85]
346-U1424A-1H-4-A 75/75-SED	5.25	5.25		10	90		95			5	100	A [A85]		C [A85]	A [A85]		Tr [A85]	Tr [A85]				Tr [A85]						Tr [A85]			R [A85]			
346-U1424A-2H-2-A 75/75-SED	9.05	9.05		25	75	5	95				100	A [A85]		C [A85]	C [A85]		A [A85]					R [A85]											
346-U1424A-2H-5-A 17/17-SED	12.97	12.97		20	80	5	95				100	A [A85]		C [A85]	C [A85]		R [A85]					R [A85]											
346-U1424A-2H-5-A 75/75-SED	13.55	13.55		15	85	5	95				100	A [A85]		C [A85]	C [A85]		Tr [A85]					R [A85]											
346-U1424A-2H-6-A 116/116-SED	15.46	15.46		25	75	50	40			10	100	C [A85]		C [A85]	C [A85]		Tr [A85]					A [A85]						R [A85]		R [A85]			
346-U1424A-2H-7-A 52/52-SED	16.04	16.04		5	95		90		10		100	C [A85]			A [A85]		Tr [A85]	Tr [A85]						C [A85]										C [A85]
346-U1424A-3H-2-A 77/77-SED	18.57	18.57		10	90	5	80		10	5	100	R [A85]			C [A85]			C [A85]				R [A85]			C [A85]			R [A85]		R [A85]			
346-U1424A-3H-3-A 20/20-SED	19.5	19.5		10	90	5	80		15	10	110	R [A85]			C [A85]			C [A85]				C [A85]			R [A85]			R [A85]		R [A85]			
346-U1424A-3H-4-A 70/70-SED	21.5	21.5		10	90	5	85		5	5	100	R [A85]			C [A85]			C [A85]				R [A85]		R [A85]			R [A85]	R [A85]		R [A85]			R [A85]
346-U1424A-3H-5-A 86/86-SED	23.16	23.16		10	90	5	80		10	5	100	C [A85]			C [A85]			R [A85]				C [A85]		R [A85]	R [A85]		R [A85]	R [A85]		R [A85]		Tr [A85]	R [A85]
346-U1424A-4H-1-A 80/80-SED	26.6	26.6		10	90	5	90			5	100	C [A85]		C [A85]	A [A85]							R [A85]						R [A85]		R [A85]			
346-U1424A-4H-2-A 90/90-SED	28.2	28.2		10	90							R [A85]			C [A85]							R [A85]		C [A85]				A [A85]		A [A85]			C [A85]
346-U1424A-4H-4-A 14/14-SED	30.44	30.44		5	95	5	95				100				D [A85]							R [A85]											
346-U1424A-4H-6-A 44/44-SED	33.74	33.74		5	95	5	90			5	100	R [A85]			C [A85]							R [A85]						R [A85]		R [A85]			
346-U1424A-5H-2-A 0/0-SS81	36.8	36.8		5	95	5	94			1	100	R [A85]			D [A85]			R [A85]				R [A85]						R [A85]		R [A85]			
346-U1424A-5H-5-A 80/80-SED	42.1	42.1		5	95	2	28			70	100	R [A85]			R [A85]			R [A85]				R [A85]						A [A85]		D [A85]			
346-U1424A-5H-6-A 32/32-SED	43.12	43.12		5	95	5	90			5	100	R [A85]			D [A85]							R [A85]						R [A85]	R [A85]	R [A85]			
346-U1424A-6H-2-A 75/75-SED	47.05	47.05		5	95	5	90			5	100	R [A85]			A [A85]			Tr [A85]				R [A85]						R [A85]	R [A85]	R [A85]			
346-U1424A-6H-3-A 81/81-SED	48.61	48.61		5	95		5	95			100	R [A85]			R [A85]							R [A85]											
346-U1424A-6H-5-A 110/110-SED	51.9	51.9		5	95	5	90			5	100	R [A85]			C [A85]			R [A85]				R [A85]						R [A85]		R [A85]			
346-U1424A-6H-6-A 102/102-SED	53.32	53.32			100	100					100							Tr [A85]			A [A85]	A [A85]											
346-U1424A-6H-6-A 60/60-SED	52.9	52.9			100	50	50				100	C [A85]			C [A85]							A [A85]											
346-U1424A-6H-6-A 90/90-SED	53.2	53.2			100	1	50	49			100				A [A85]					A [A85]		R [A85]											
346-U1424A-7H-1-A 61/61-SED	54.905	54.905			100	5	95				100				D [A85]							R [A85]											
346-U1424A-7H-1-A 72/72-SED	55.015	55.015			100	5		95			100									D [A85]		R [A85]											
346-U1424A-7H-2-A 80/80-SED	56.6	56.6			100	5		95			100	R [A85]			A [A85]							R [A85]											
346-U1424A-7H-4-A 23/23-SED	59.03	59.03		100		100					100										D [A85]	D [A85]											
346-U1424A-7H-6-A 62/62-SED	62.42	62.42			100	5	95				100				C [A85]			R [A85]												R [A85]			
346-U1424A-8H-1-A 125/125-SED	65.05	65.05			10	5	90			50	145	R [A85]			C [A85]			Tr [A85]				R [A85]						R [A85]		R [A85]			
346-U1424A-8H-2-A 75/75-SED	66.05	66.05		5	95	5	85			10	100	R [A85]			C [A85]			Tr [A85]				R [A85]					R [A85]	R [A85]		R [A85]			
346-U1424A-8H-3-A 75/75-SED	67.55	67.55		5	95	5	85			10	100	R [A85]			C [A85]			Tr [A85]				R [A85]						R [A85]		R [A85]			
346-U1424A-8H-4-A 75/75-SED	69.05	69.05		5	95	5	90			5	100	R [A85]			C [A85]			Tr [A85]				R [A85]						R [A85]		R [A85]			
346-U1424A-8H-5-A 75/75-SED	70.55	70.55		5	95	5	90			5	100	R [A85]			C [A85]			Tr [A85]				R [A85]						R [A85]		R [A85]			
346-U1424A-8H-6-A 75/75-SED	72.05	72.05		5	95	5	85			10	100	R [A85]			C [A85]			R [A85]				R [A85]						R [A85]		C [A85]			
346-U1424A-9H-1-A 110/110-SED	74.4	74.4		10	90	5	55			40	100	R [A85]			C [A85]			R [A85]				R [A85]						C [A85]		C [A85]			
346-U1424A-9H-4-A 80/80-SED	78.6	78.6		10	90	2	38			60	100	R [A85]			C [A85]							R [A85]						A [A85]		A [A85]			
346-U1424A-9H-5-A 90/90-SED	80.2	80.2		10	90	5	5			90	100	R [A85]			R [A85]			R [A85]				R [A85]						A [A85]		A [A85]			
346-U1424A-9H-6-A 109/109-SED	81.89	81.89		10	90	5	5			90	100	R [A85]			R [A85]			R [A85]				R [A85]						D [A85]		A [A85]			
346-U1424A-10H-1-W 103/103-SED	83.83	83.83	30	50	20		5		95		100											foram laye		D [A85]									D [A85]
346-U1424A-10H-2-A 75/75-SED	85.05	85.05		10	90		50			50	100	C [A85]			C [A85]		C [A85]											A [A85]	Tr [A85]	C [A85]		A [A85]	
346-U1424A-10H-4-A 75/75-SED	88.05	88.05		10	90		30			70	100	C [A85]			C [A85]		C [A85]	Tr [A85]				Tr [A85]						A [A85]		C [A85]			
346-U1424A-10H-5-A 75/75-SED	89.55	89.55		15	85		30			30	60	C [A85]			C [A85]		C [A85]											C [A85]		C [A85]		A [A85]	
346-U1424A-11H-2-A 75/75-SED	94.55	94.55		10	90		20			80	100	C [A85]			C [A85]		R [A85]											A [A85]		C [A85]			
346-U1424A-11H-4-A 36/36-SED	96.54	96.54					5		30	70	105														A [A85]			A [A85]		C [A85]			
346-U1424A-11H-5-A 75/75-SED	98.43	98.43		10	90		20			40	60	C [A85]			C [A85]		C [A85]					R [A85]						C [A85]		C [A85]		A [A85]	
346-U1424A-12H-2-A 75/75-SED	104.05	104.05		10	90		20			40	60	C [A85]			C [A85]		C [A85]					Tr [A85]						C [A85]		C [A85]		A [A85]	
346-U1424A-12H-5-A 75/75-SED	108.58	108.58	10	70	20		10			90	100	C [A85]					R [A85]					D [A85]						R [A85]				R [A85]	
346-U1424A-13H-2-A 75/75-SED	113.55	113.55		20	80	30	30			30	90	C [A85]			C [A85]							A [A85]						C [A85]		C [A85]		C [A85]	
346-U1424A-13H-5-A 75/75-SED	117.93	117.93		10	90		20			70	90	C [A85]					R [A85]											A [A85]		C [A85]		C [A85]	
346-U1424A-13H-5-W 20/20-SED	117.38	117.38			100			100			100									D [A85]													
346-U1424A-13H-7-A 38/38-SED	120.51	120.51		5	95			95		5	100									D [A85]								Tr [A85]		Tr [A85]			
346-U1424A-14H-2-A 75/75-SED	123.05	123.05		10	90		30			70	100	C [A85]			C [A85]			Tr [A85]				Tr [A85]						A [A85]		C [A85]		C [A85]	
346-U1424A-14H-5-A 75/75-SED	127.5	127.5		10	90		10			40	50	C [A85]										Tr [A85]						A [A85]		C [A85]		A [A85]	
346-U1424A-15H-2-A 75/75-SED	132.55	132.55		10	90		50			50	100	C [A85]			C [A85]					C [A85]		R [A85]						A [A85]		R [A85]		C [A85]	
346-U1424A-15H-3-A 86/86-SED	134.16	134.16		15	85		80			10	90									D [A85]		Tr [A85]						R [A85]		R [A85]		C [A85]	
346-U1424A-15H-6-A 75/75-SED	138.55	138.55		10	90		10			80	90	C [A85]																A [A85]		C [A85]		C [A85]	
346-U1424A-16H-2-A 2/2-SED	141.32	141.32		10	90		10		90		100				C [A85]									D [A85]				Tr [A85]		Tr [A85]			D [A85]
346-U1424A-16H-3-A 75/75-SED	143.55	143.55		10	90							R [A85]								C [A85]								A [A85]		C [A85]		C [A85]	
346-U1424A-16H-5-A 75/75-SED	146.47	146.47		15	85		50			50	100	C [A85]			C [A85]					C [A85]		R [A85]						C [A85]		C [A85]		A [A85]	

Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Clay minerals abundance (name)	Augite abundance (name)	Glauconite abundance (name)	Pyrite, authigenic abundance (name)	Magnetite 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)	Pteropod fragments abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Dinoflagellate acritarch prasinophyte abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)
346-U1424A-17H-2-A 75/75-SED	151.55	151.55		10	90		30			70	100	C [A85]			C [A85]							R [A85]						A [A85]		C [A85]		R [A85]	
346-U1424A-17H-5-A 75/75-SED	156.05	156.05		10	90		30			40	70	C [A85]			C [A85]													A [A85]		C [A85]		A [A85]	

Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Detrital carbonate [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Clay minerals abundance (name)	Augite abundance (name)	Glauconite abundance (name)	Pyrite, authigenic abundance (name)	Magnetite 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)	Pteropod fragments abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Dinoflagellate acritarch prasinophyte abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)
346-U1424B-1H-1-A 30/30-SED	0.3	0.3		5	95	5	93			2	100	R [A85]			C [A85]			R [A85]				R [A85]						R [A85]	C [A85]	R [A85]	C [A85]			
346-U1424B-1H-2-A 110/110-SED	2.6	2.6		5	95	5	90			5	100	R [A85]			C [A85]			R [A85]				R [A85]							Tr [A85]		Tr [A85]			
346-U1424B-1H-2-A 67/67-SED	2.17	2.17		5	95	5	95				100	R [A85]			C [A85]			Tr [A85]				R [A85]												
346-U1424B-1H-2-A 94/94-SED	2.44	2.44		90	10	100					100										A [A85]	A [A85]												
346-U1424B-2H-5-A 26/26-SED	8.96	8.96		5	90	5	95				100	R [A85]			C [A85]			Tr [A85]				R [A85]										R [A85]		
346-U1424B-2H-5-A 75/75-SED	9.45	9.45		5	95	10	90				100	C [A85]			C [A85]			Tr [A85]				R [A85]										R [A85]		
346-U1424B-3H-1-A 106/106-SED	13.26	13.26		10	90	5	95				100	R [A85]			C [A85]							Tr [A85]												
346-U1424B-3H-1-A 110/110-SED	13.3	13.3		10	90							R [A85]			A [A85]							R [A85]												
346-U1424B-3H-2-A 113/113-SED	14.83	14.83		20	80	5	75		20		100	C [A85]			C [A85]			R [A85]				C [A85]		C [A85]									C [A85]
346-U1424B-3H-4-A 110/110-SED	17.8	17.8		10	90	5	5	70	20		100	R [A85]								D [A85]				C [A85]									C [A85]
346-U1424B-4H-3-A 115/115-SED	25.85	25.85		10	90	5	20	55	20		100	R [A85]			C [A85]							R [A85]		C [A85]									C [A85]
346-U1424B-4H-5-A 107/107-SED	28.77	28.77		10	90	5	10	60	20	5	100	R [A85]			R [A85]					A [A85]		R [A85]		C [A85]									C [A85]
346-U1424B-5H-4-A 75/75-SED	35.91	35.91		10	90	5	5			90	100	R [A85]			R [A85]			A [A85]				R [A85]									A [A85]		
346-U1424B-5H-6-A 46/46-SED	38.62	38.62		10	90	5	90			5	100	C [A85]			C [A85]			R [A85]				R [A85]									R [A85]		
346-U1424B-5H-6-A 74/74-SED	38.9	38.9																D [A85]															
346-U1424B-6H-3-A 75/75-SED	44.32	44.32		10	90	5	95				100	R [A85]			C [A85]							C [A85]												
346-U1424B-6H-6-SED	48.82	48.82		10	90	5	95				100	R [A85]			C [A85]							R [A85]												
346-U1424B-8H-2-A 74/74-SED	61.94	61.94		10	90	5	95				100	A [A85]		C [A85]				C [A85]				R [A85]							Tr [A85]					
346-U1424B-8H-4-A 17/17-SED	64.37	64.37		50	50	5	95				100	C [A85]		C [A85]	C [A85]					A [A85]		R [A85]												
346-U1424B-8H-4-A 49/49-SED	64.69	64.69																		D [A85]													
346-U1424B-8H-5-A 75/75-SED	66.45	66.45		40	60	30	60			10	100	C [A85]		C [A85]	C [A85]		R [A85]	Tr [A85]				A [A85]							R [A85]		R [A85]			
346-U1424B-9H-3-A 62/62-SED	72.78	72.78		40	60	20	70			10	100	A [A85]		C [A85]	C [A85]			Tr [A85]				C [A85]							C [A85]		C [A85]			
346-U1424B-9H-5-A 75/75-SED	75.91	75.91		10	90	5	90			5	100	A [A85]		C [A85]	C [A85]			Tr [A85]				R [A85]							Tr [A85]		R [A85]		C [A85]	
346-U1424B-10H-2-A 75/75-SED	80.95	80.95		10	90		20			80	100	C [A85]			C [A85]													A [A85]		C [A85]			
346-U1424B-10H-5-A 75/75-SED	85.45	85.45		15	85		60			40	100	C [A85]		C [A85]	C [A85]			R [A85]				R [A85]							C [A85]		C [A85]		R [A85]	
346-U1424B-10H-6-A 10/10-SED	86.3	86.3		15	85		20		10	70	100	C [A85]		C [A85]	C [A85]									C [A85]				A [A85]		C [A85]			C [A85]
346-U1424B-10H-6-A 75/75-SED	86.95	86.95		10	90		30			70	100	C [A85]			C [A85]													A [A85]		C [A85]			
346-U1424B-11H-2-A 75/75-SED	90.45	90.45		15	85	10	50			40	100	C [A85]		C [A85]	C [A85]			R [A85]				C [A85]							C [A85]		C [A85]		C [A85]	
346-U1424B-11H-5-A 132/132-SED	95.52	95.52		10	90		10			90	100				C [A85]													D [A85]		C [A85]			
346-U1424B-11H-5-A 63/63-SED	94.83	94.83																		D [A85]													
346-U1424B-11H-5-A 75/75-SED	94.95	94.95		10	90		30			70	100	C [A85]			C [A85]							Tr [A85]							A [A85]		C [A85]		R [A85]	
346-U1424B-12H-2-A 75/75-SED	99.95	99.95		10	90		40			60	100	C [A85]		C [A85]	C [A85]			Tr [A85]				Tr [A85]							A [A85]		C [A85]		C [A85]	
346-U1424B-12H-5-A 75/75-SED	104.45	104.45		15	85		60				60	C [A85]		C [A85]	C [A85]					C [A85]		R [A85]							C [A85]		C [A85]		C [A85]	
346-U1424B-13H-2-A 75/75-SED	108.18	108.18		10	90		10			80	90	C [A85]			C [A85]													D [A85]		R [A85]		C [A85]	
346-U1424B-13H-5-A 75/75-SED	112.68	112.68		15	85		10				10							Tr [A85]											D [A85]		R [A85]		R [A85]	
346-U1424B-13H-6-A 80/80-SED	114.23	114.23	100			100					100											D [A85]												
346-U1424B-14H-1-A 143/143-SED	118.13	118.13			100															D [A85]													
346-U1424B-14H-2-A 75/75-SED	118.95	118.95		30	70	20	40			40	100	C [A85]		C [A85]	C [A85]			Tr [A85]				C [A85]							C [A85]		C [A85]		C [A85]	
346-U1424B-14H-5-A 75/75-SED	123.45	123.45		30	70	20	40			40	100	C [A85]		C [A85]	C [A85]			C [A85]				C [A85]							C [A85]		C [A85]		C [A85]	
346-U1424B-15H-5-A 110/110-SED	133.3	133.3		10	90		10			90	100				C [A85]			Tr [A85]											D [A85]		C [A85]			
346-U1424B-15H-7-A 40/40-SED	135.6	135.6		20	80		10			90	100				R [A85]							R [A85]							D [A85]		C [A85]		R [A85]	
346-U1424B-16H-2-A 75/75-SED	137.95	137.95		20	80		20			80	100	C [A85]			C [A85]							R [A85]							D [A85]		R [A85]			
346-U1424B-16H-2-A 75/75-SED	137.95	137.95		20	80	10	20			70	100	C [A85]										C [A85]							A [A85]		C [A85]		C [A85]	
346-U1424B-16H-5-A 75/75-SED	142.45	142.45		20	80		20			80	100	C [A85]			C [A85]													D [A85]		C [A85]			
346-U1424B-16H-5-A 90/90-SED	142.6	142.6		15	85		80			20	100	R [A85]								D [A85]									C [A85]					
346-U1424B-17H-2-A 75/75-SED	147.45	147.45		20	80		30				30											C [A85]							A [A85]		C [A85]		C [A85]	
346-U1424B-17H-3-A 72/72-SED	148.92	148.92		10	90		20		60	20	100	C [A85]			C [A85]									A [A85]					C [A85]					A [A85]
346-U1424B-17H-5-A 75/75-SED	151.95	151.95		20	80		30			70	100											Tr [A85]							A [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 [%]	Quartz abundance (name)	K-Feldspar abundance (name)	Plagioclase abundance (name)	Clay minerals abundance (name)	Hornblende abundance (name)	Glauconite abundance (name)	Pyrite, authigenic 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)	Calcareous sponge spicule fragments abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Dinoflagellate acritarch prasinophyte abundance (name)	Organic matter abundance (name)	Planktonic foraminifers abundance (name)
346-U1424C-4H-2-A 75/75-SED	28.15	28.15		20	80		20		20	60	100							C [A85]						C [A85]				A [A85]		C [A85]			C [A85]
346-U1424C-4H-3-A 78/78-SED	29.68	29.68			100													D [A85]															
346-U1424C-4H-5-A 66/66-SED	32.56	32.56		20	80		50			50	100	C [A85]		C [A85]	C [A85]			C [A85]							R [A85]			C [A85]		C [A85]		A [A85]	
346-U1424C-4H-5-A 75/75-SED	32.65	32.65		20	80							A [A85]		C [A85]	C [A85]			R [A85]				C [A85]						R [A85]		Tr [A85]			
346-U1424C-5H-2-A 78/78-SED	37.68	37.68		15	85	10	90				100	A [A85]		C [A85]	C [A85]			R [A85]				C [A85]											
346-U1424C-5H-4-A 66/66-SED	40.56	40.56	50	50												C [A85]						D [A85]											
346-U1424C-5H-5-A 100/100-SED	42.4	42.4		15	85		15			70	85				C [A85]			C [A85]										C [A85]		A [A85]		C [A85]	
346-U1424C-6H-4-A 75/75-SED	50.15	50.15		10	90	5	90			5	100	Tr [A85]			C [A85]							R [A85]						Tr [A85]		Tr [A85]		Tr [A85]	
346-U1424C-7H-2-A 75/75-SED	56.65	56.65		10	90		95			5	100	Tr [A85]			C [A85]													Tr [A85]		Tr [A85]		Tr [A85]	
346-U1424C-7H-3-A 19/19-SED	57.59	57.59		5	95		98			2	100	Tr [A85]			C [A85]							R [A85]										Tr [A85]	
346-U1424C-7H-6-A 75/75-SED	62.65	62.65		5	95		98			2	100	Tr [A85]			C [A85]							Tr [A85]						Tr [A85]		Tr [A85]		Tr [A85]	

Sample	CSF-A Top (m)	CSF-A Bottom (m)	CSF-B Top (m)	CSF-B Bottom (m)	Top Offset (cm) on Parent Sample	Bottom Offset (cm) on Parent Sample	Volume (cc)	Sample Type	Sampling Tool	Sample Name	Comments	Test	Text Id
346-U1424A-13H-5-W 19/25-TSB-TS_1	117.37	117.43	117.37	117.43	0	6	1	TS	SAW_ROCK	TS_1	Dolomite	TS	TS5046771
346-U1424B-7H-3-W 31/33-TSB-TS_2	53.51	53.53	53.51	53.53	0	2	1	TS	SAW_ROCK	TS_2	Green lanimated layers	TS	TS5046781