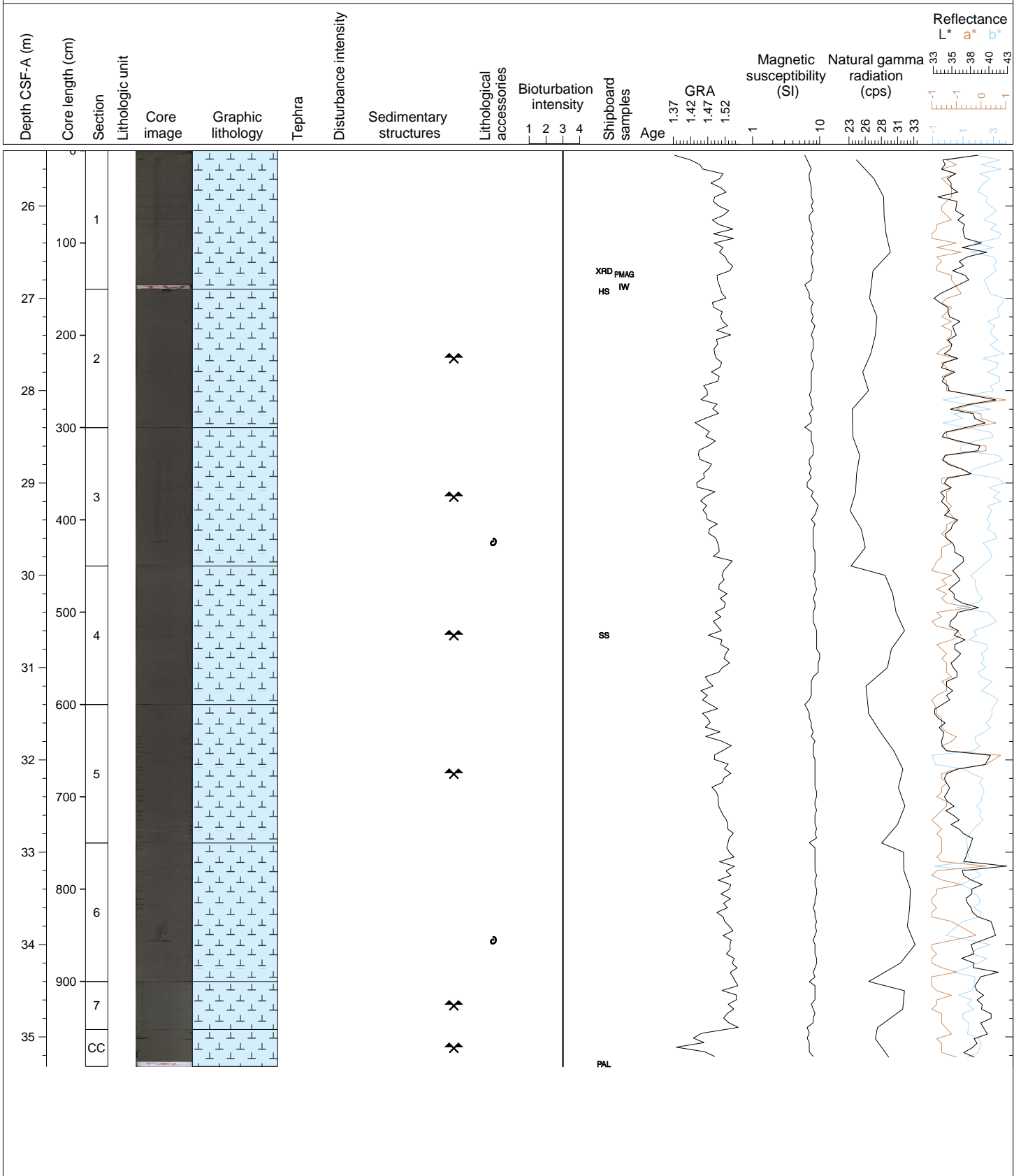
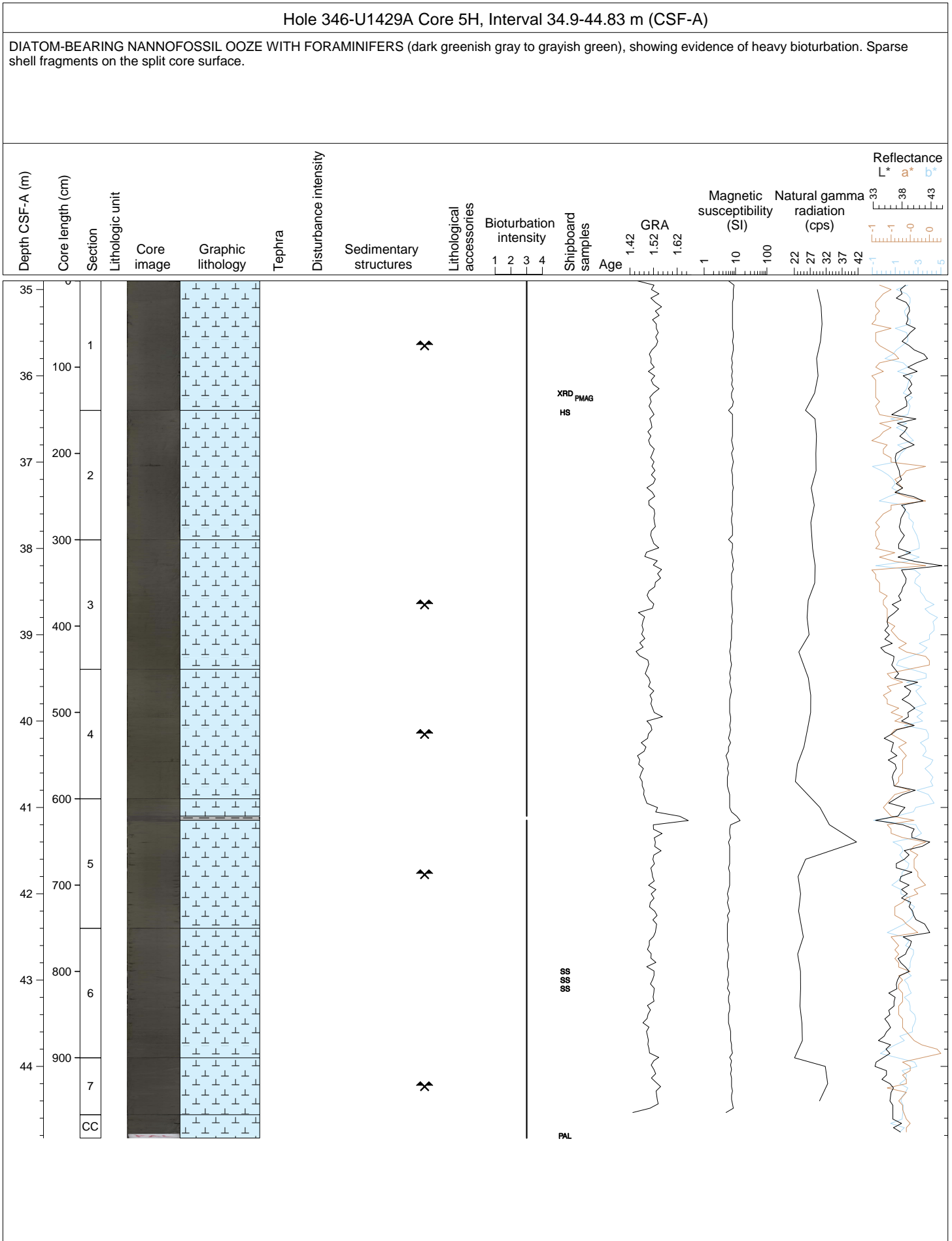


Hole 346-U1429A Core 4H, Interval 25.4-35.32 m (CSF-A)

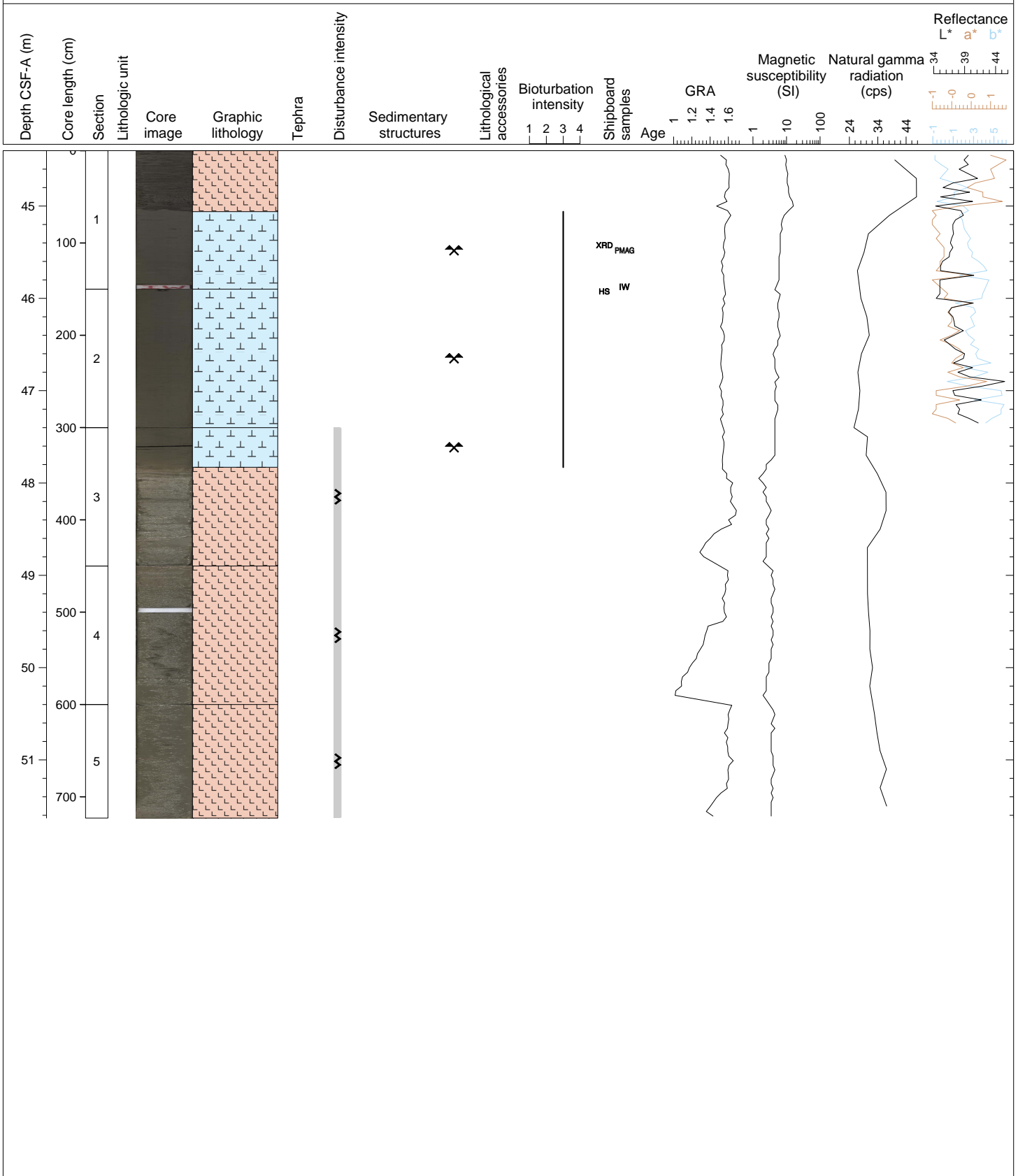
DIATOM-BEARING NANNOFOSSIL OOZE WITH FORAMINIFERS (dark greenish gray), heavy bioturbation. Echinoderm fragments are visible in Sections 3 and 6. Scattered hydrotroilite on fresh sediment surface.

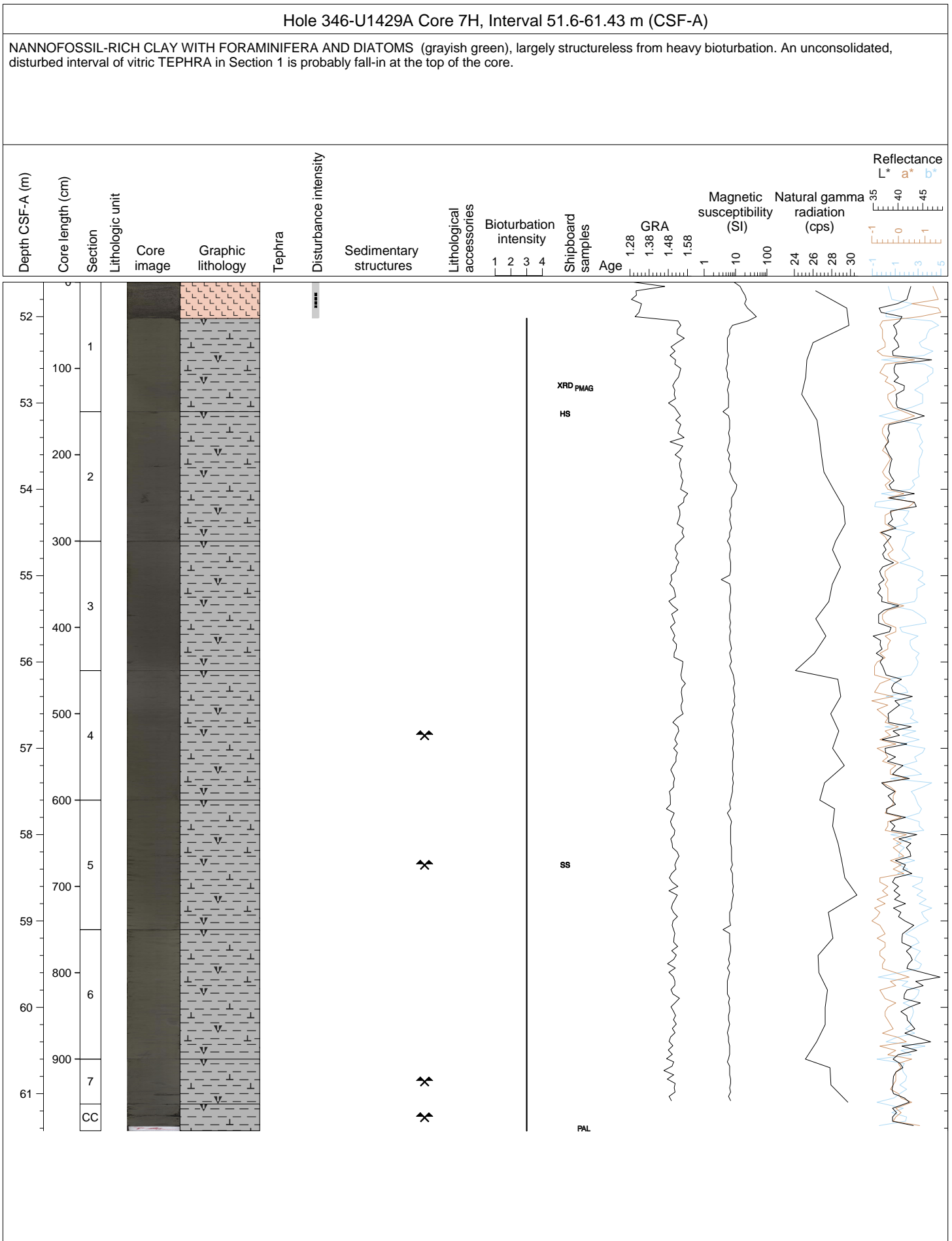


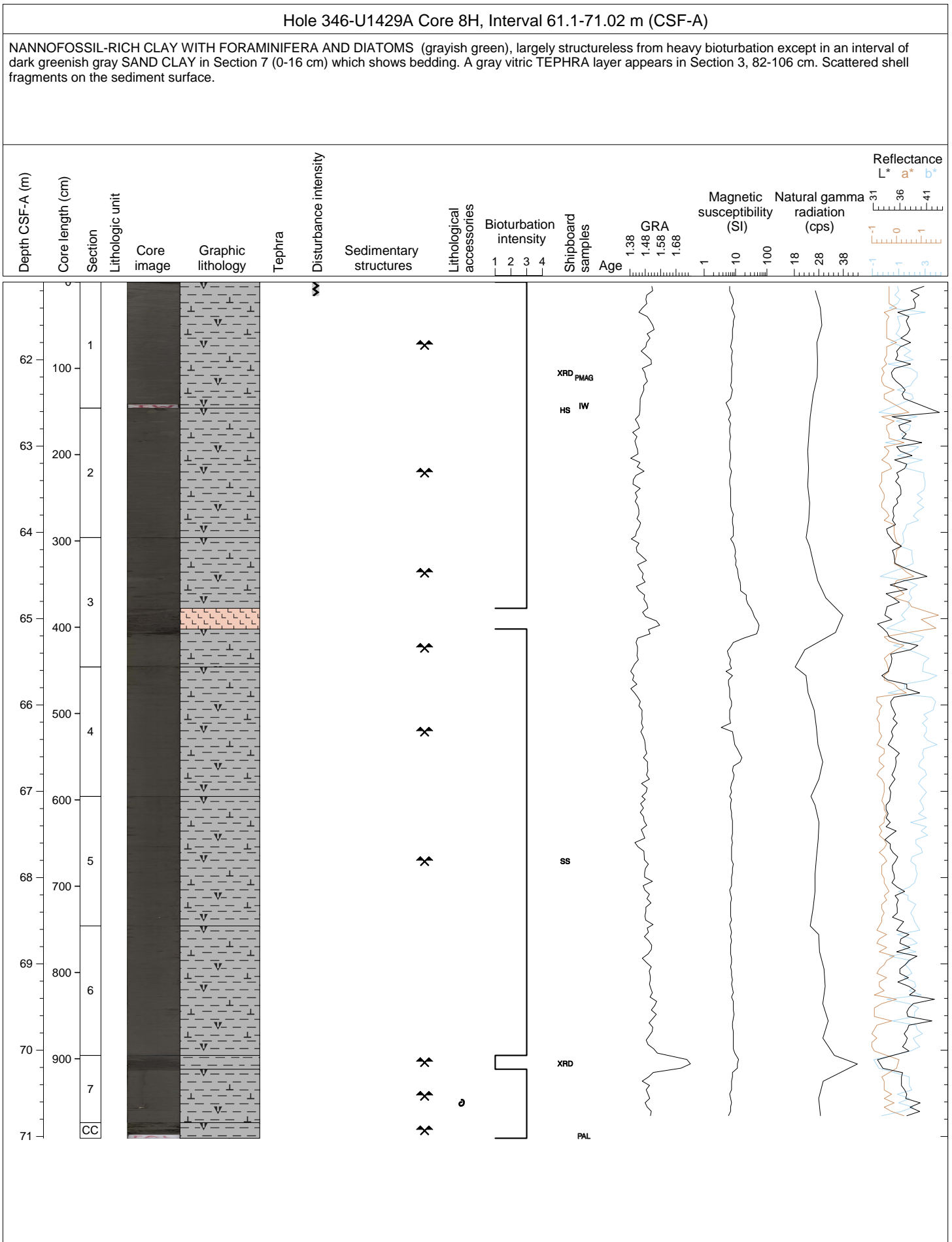


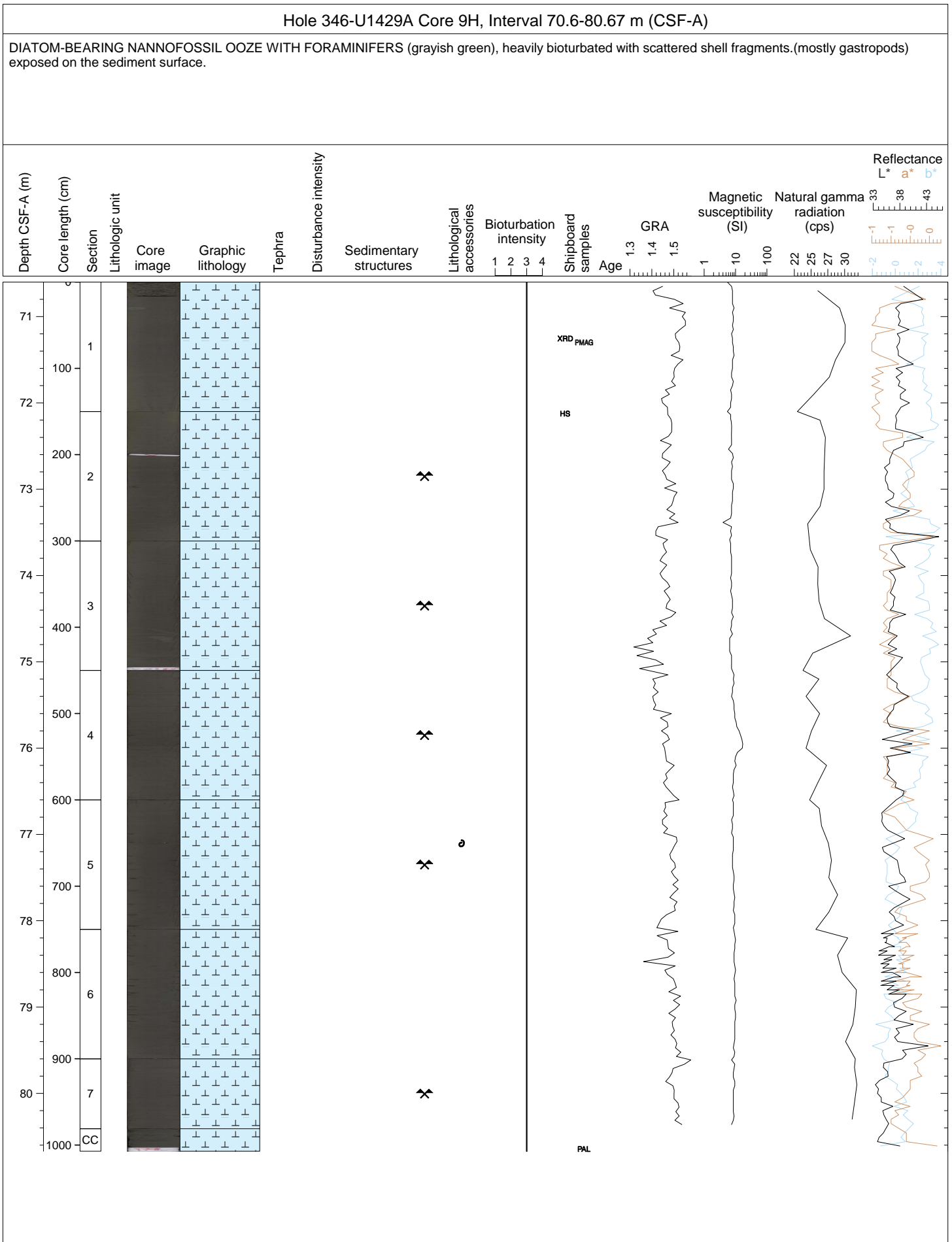
Hole 346-U1429A Core 6H, Interval 44.4-51.63 m (CSF-A)

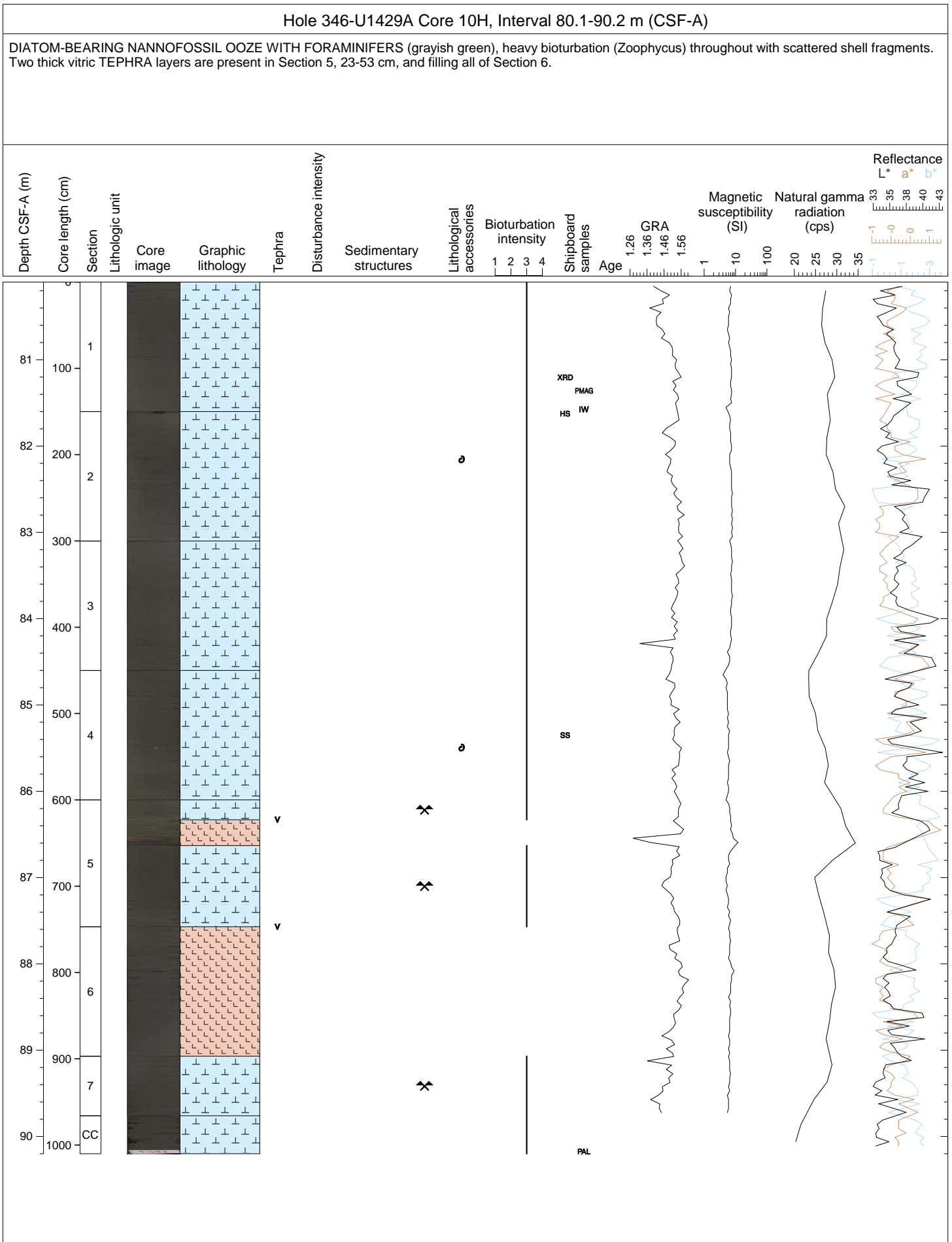
DIATOM-BEARING NANNOFOSSIL OOZE WITH FORAMINIFERS (graysh green), intercalated between thick relatively unconsolidated, dark greenish gray TEPHRA layers (vitric) in all of Section 1 and from Section 3, 43 cm, to the base of the core. The lower tephra layer is highly disturbed and shows evidence of suck-in.

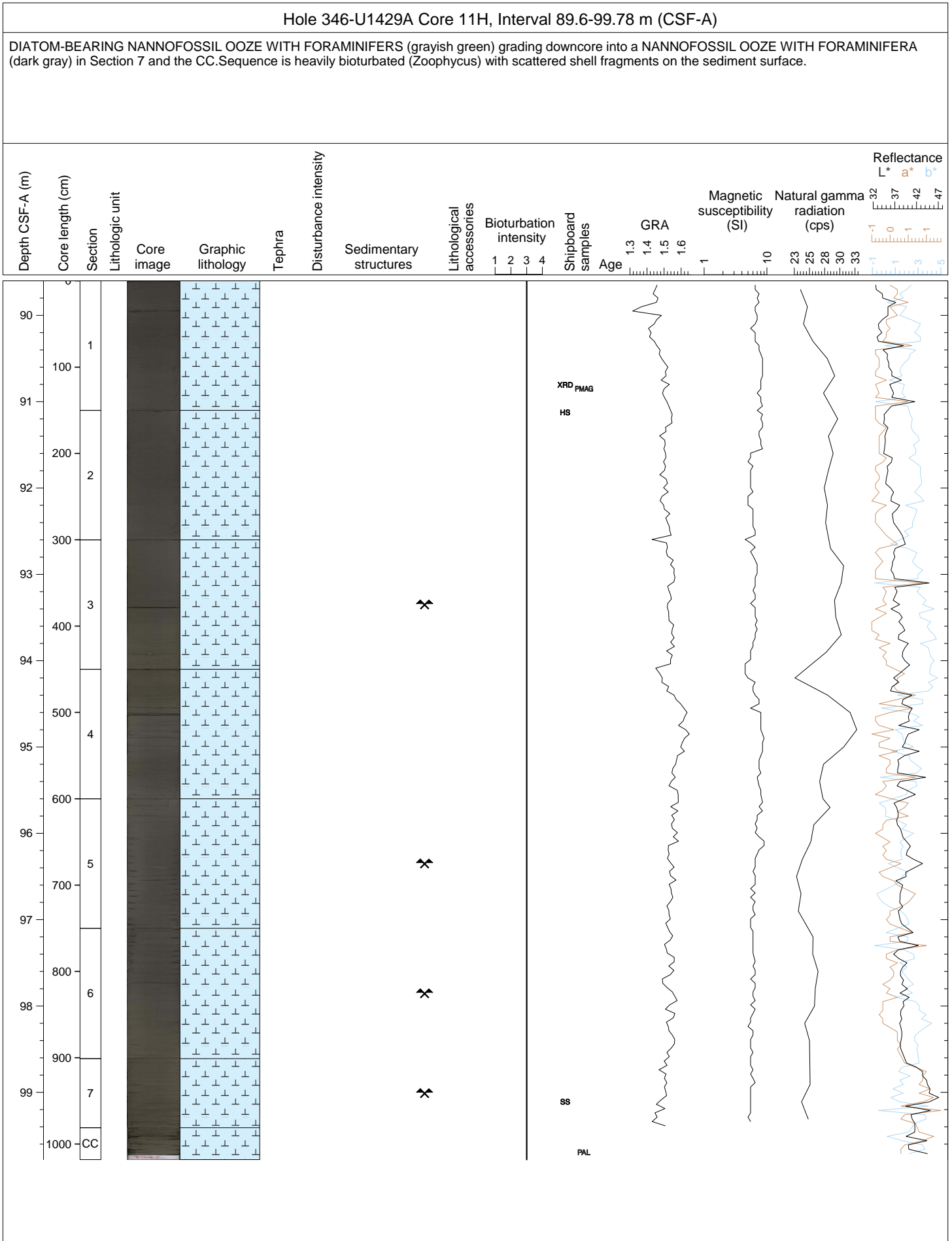


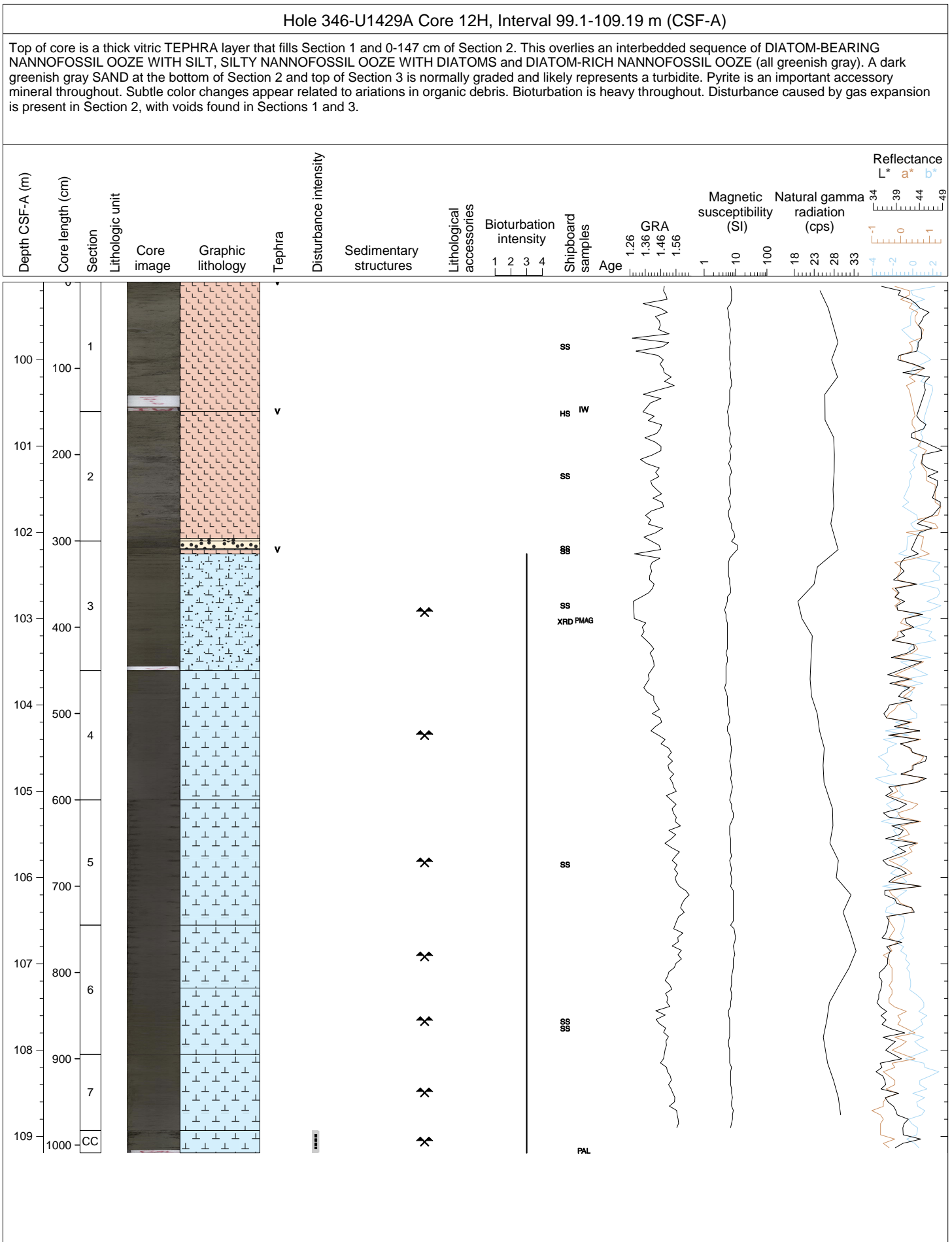


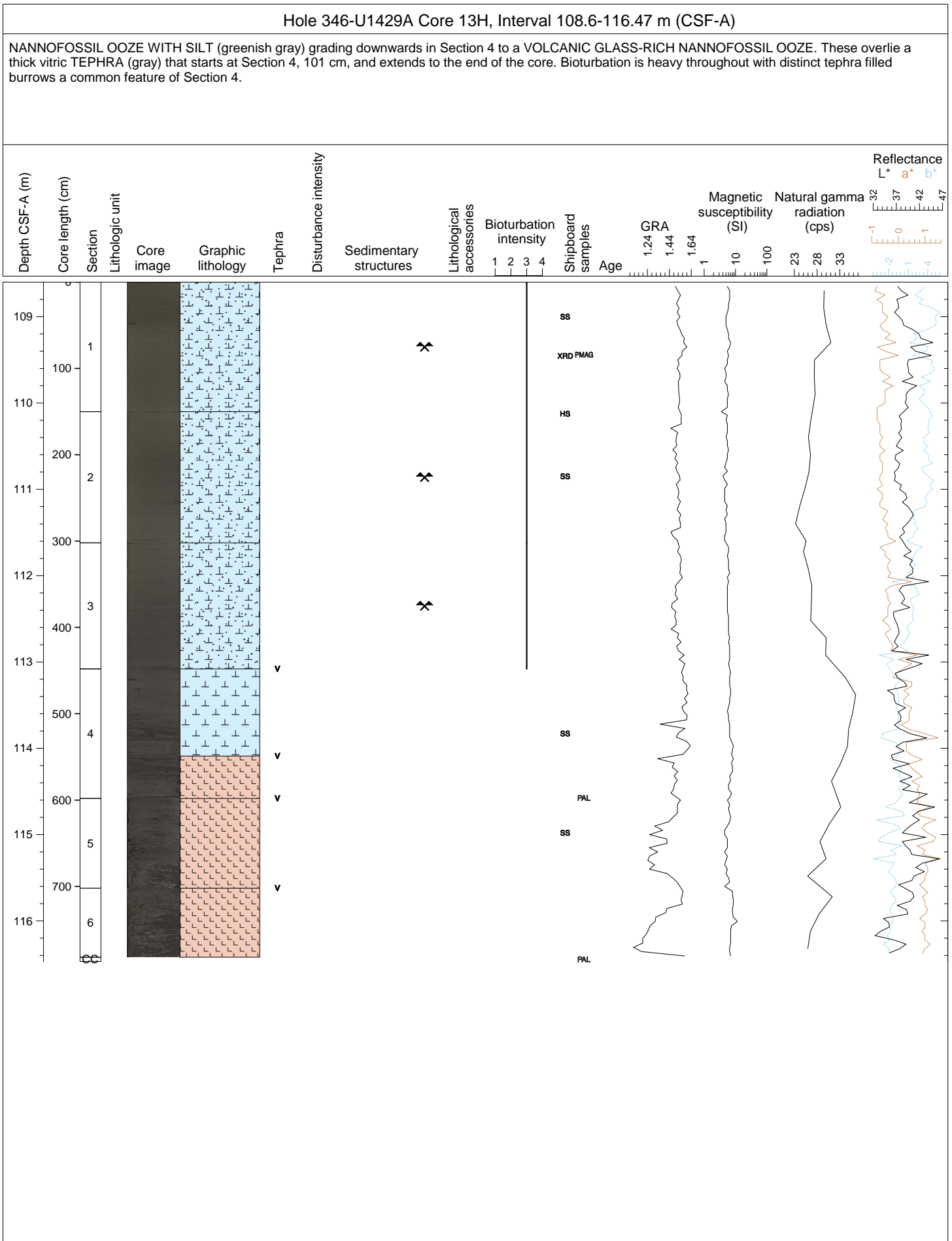








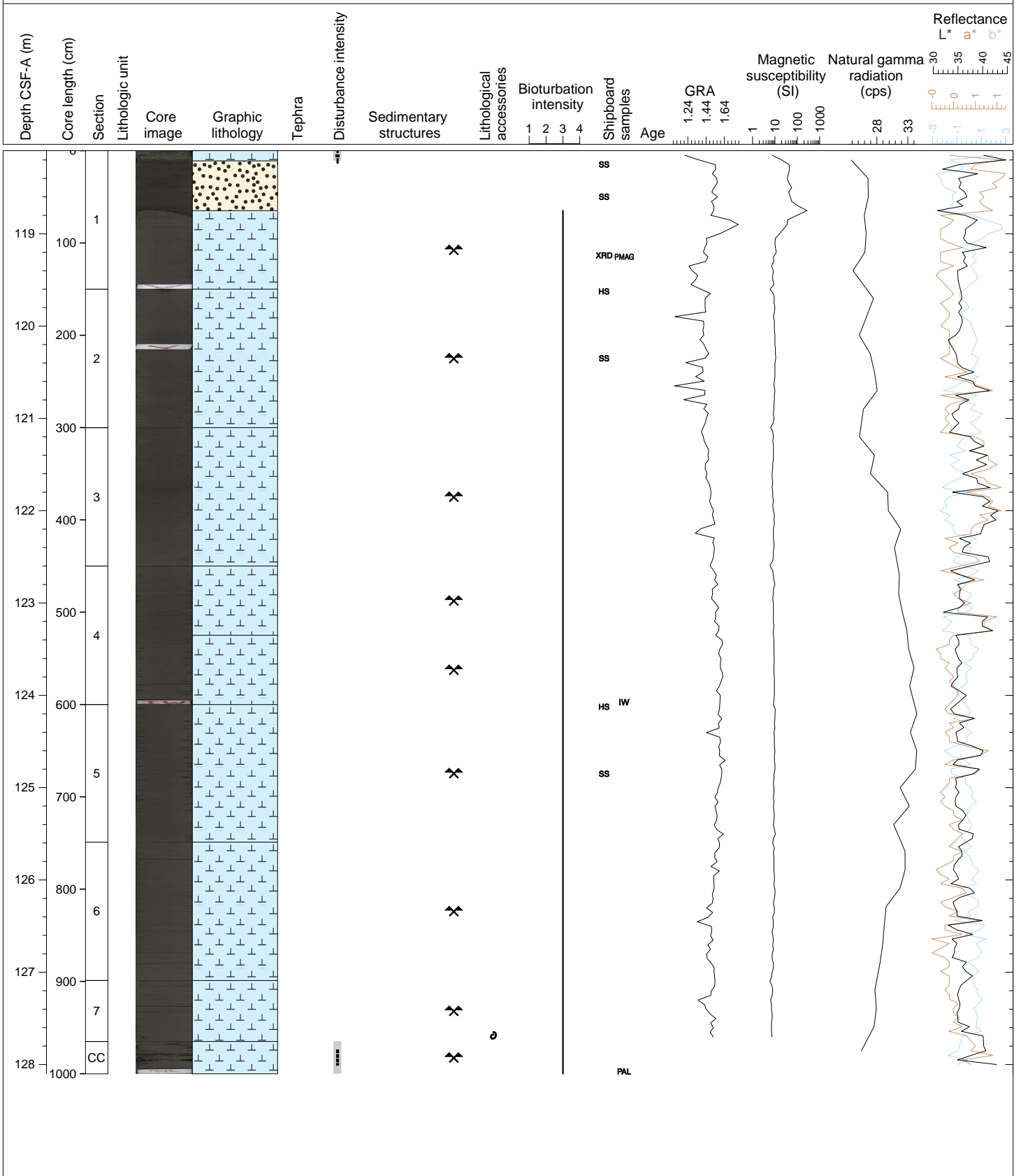


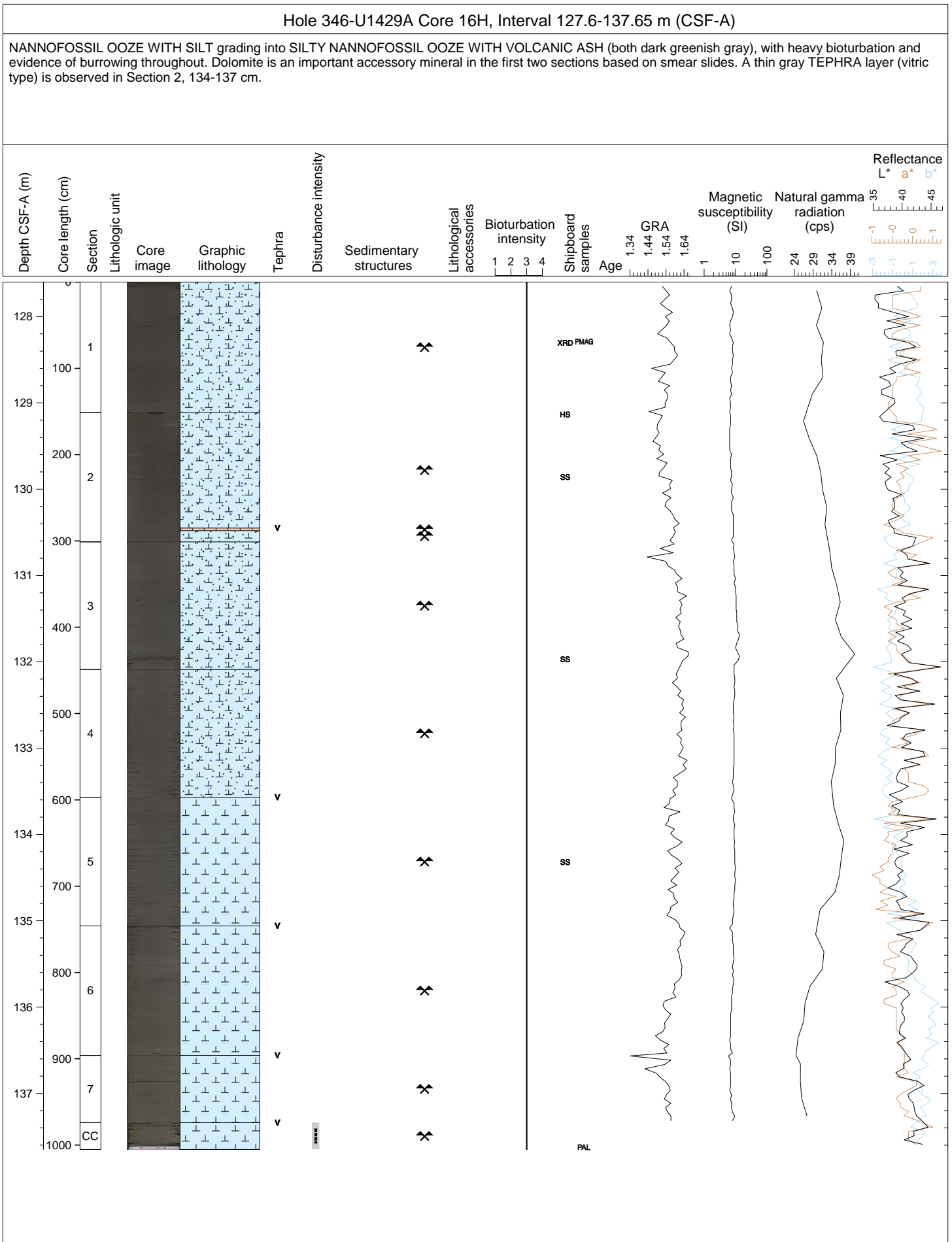


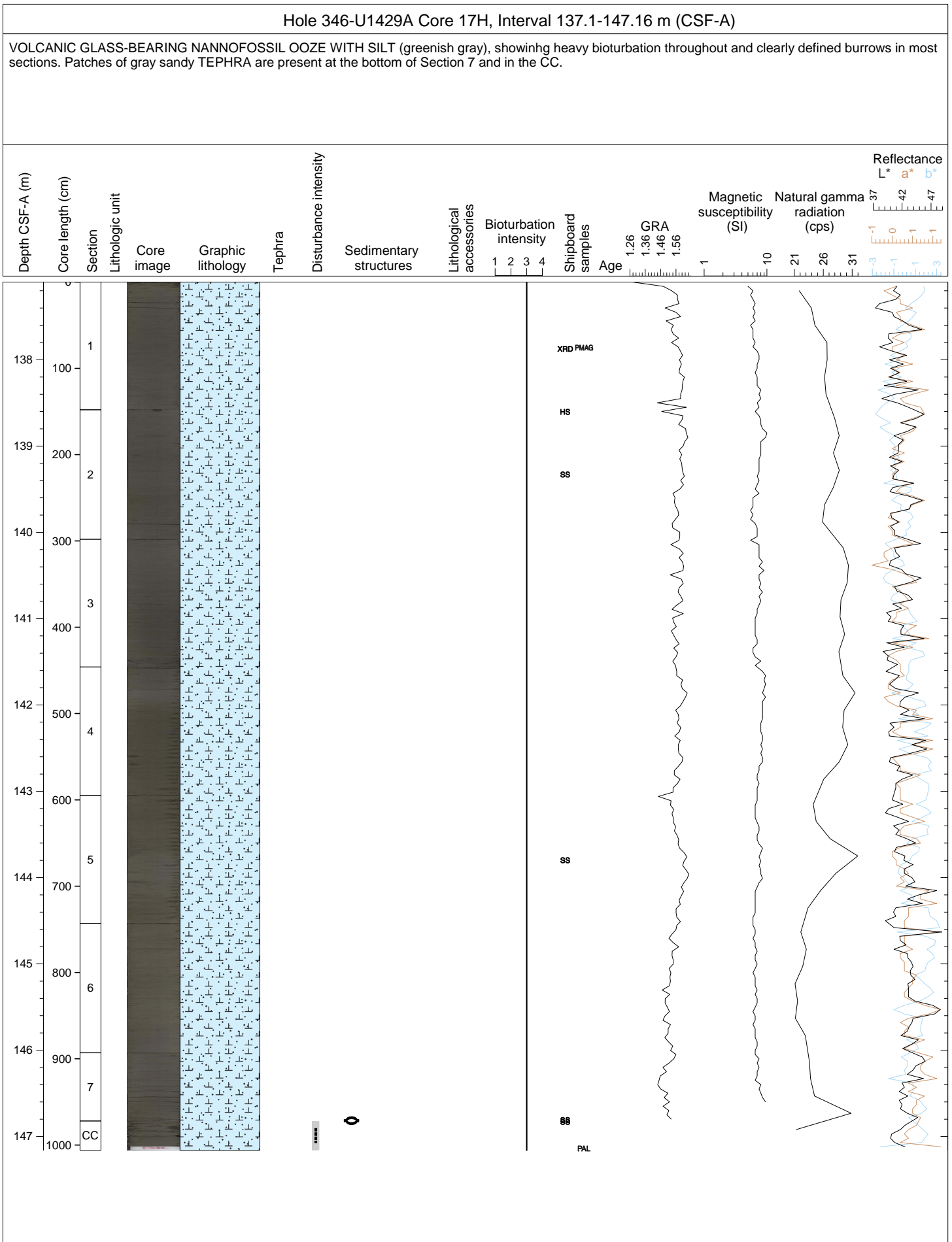
U1429A-14H NO RECOVERY

Hole 346-U1429A Core 15H, Interval 118.1-128.1 m (CSF-A)

NANNOFOSSIL OOZE WITH DIATOMS (dark greenish gray) grading downwards into SILTY NANNOFOSSIL OOZE WITH DIATOMS. A black unconsolidated SAND is present in Section 1, 11-65 cm. Heavy bioturbation is evident throughout with visible burrowing in Sections 2, 3, 4 and 5. Slight to moderate disturbance caused by gas expansion leading to voids, with fall-in of material present at the top of Section 1.

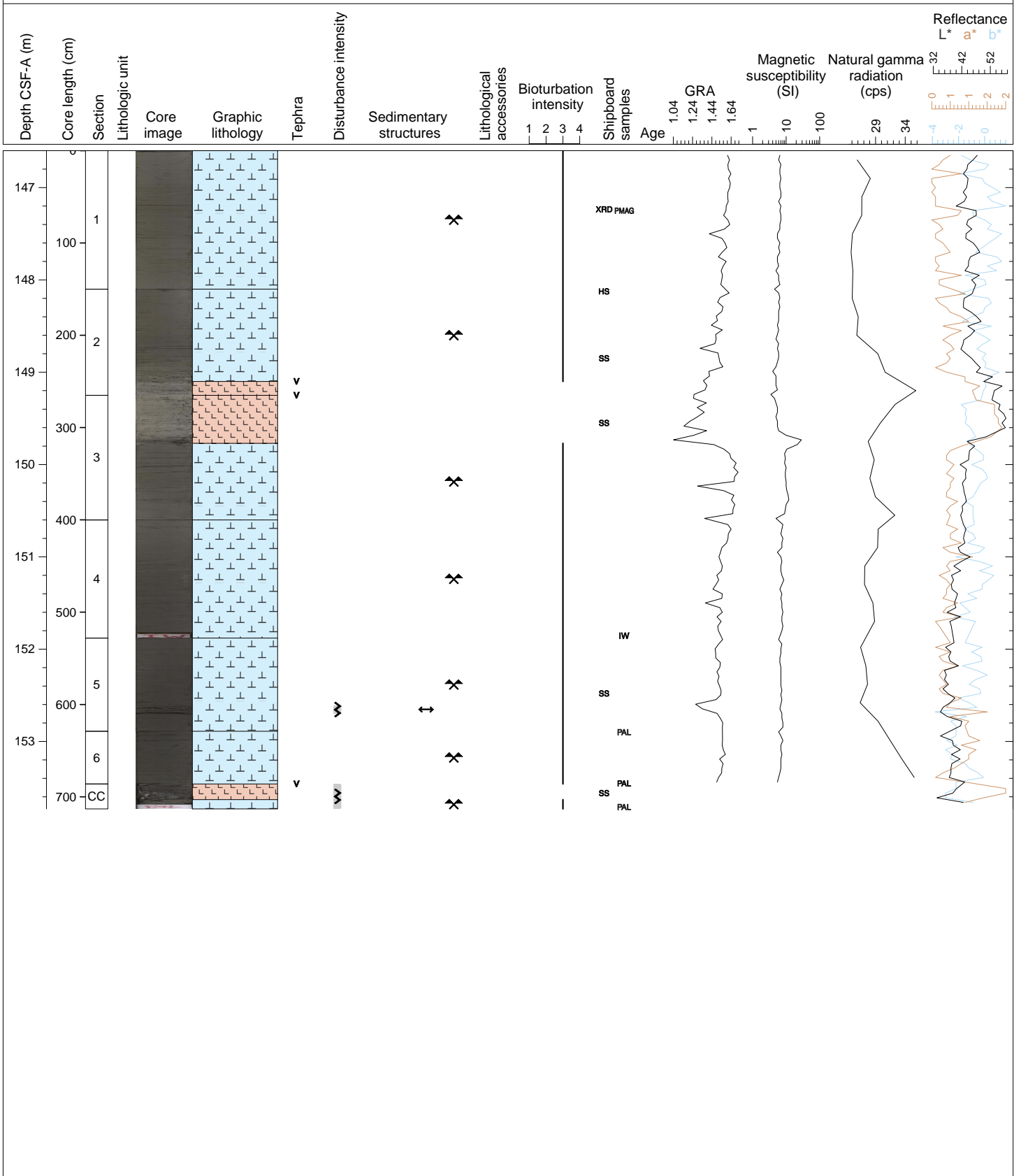


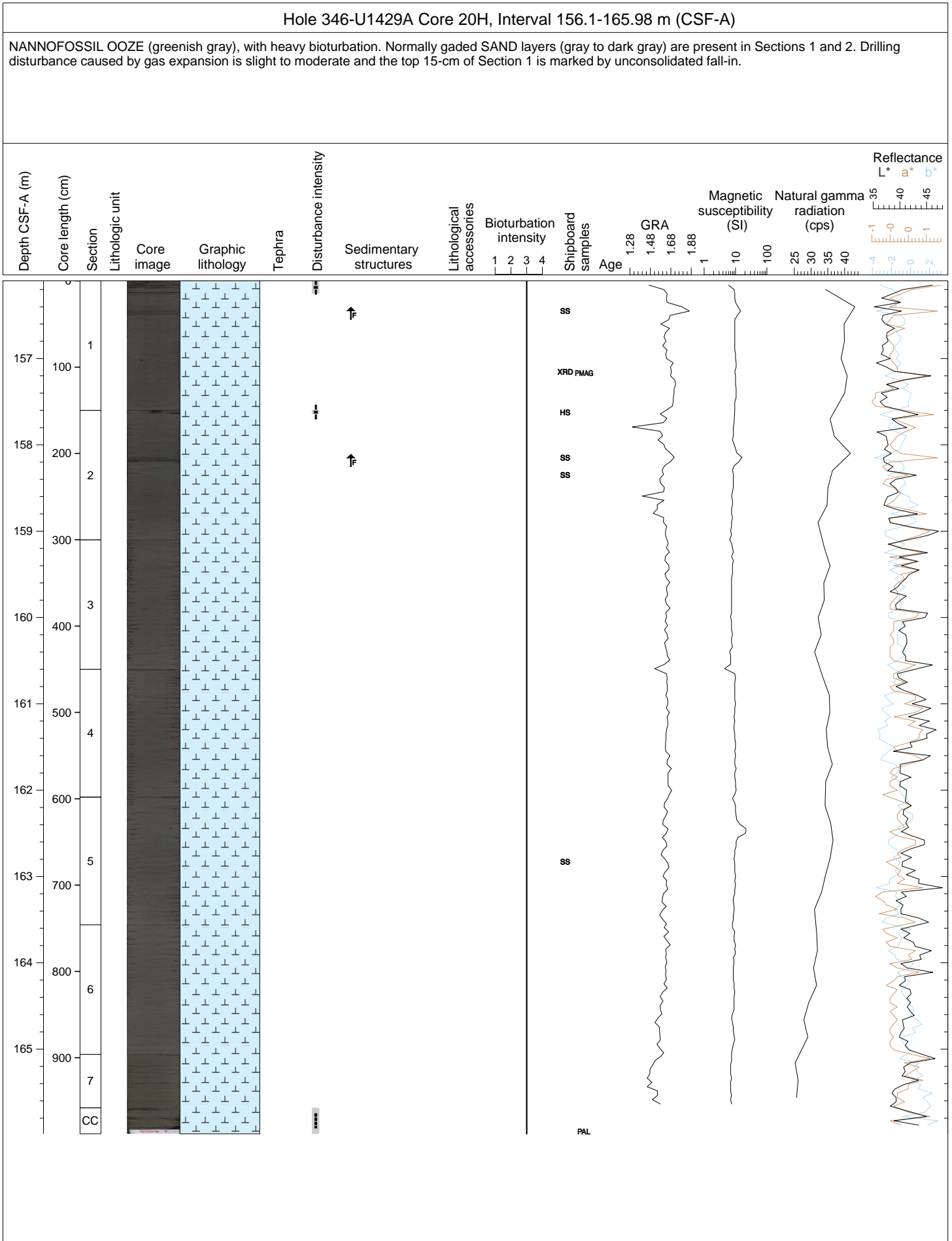


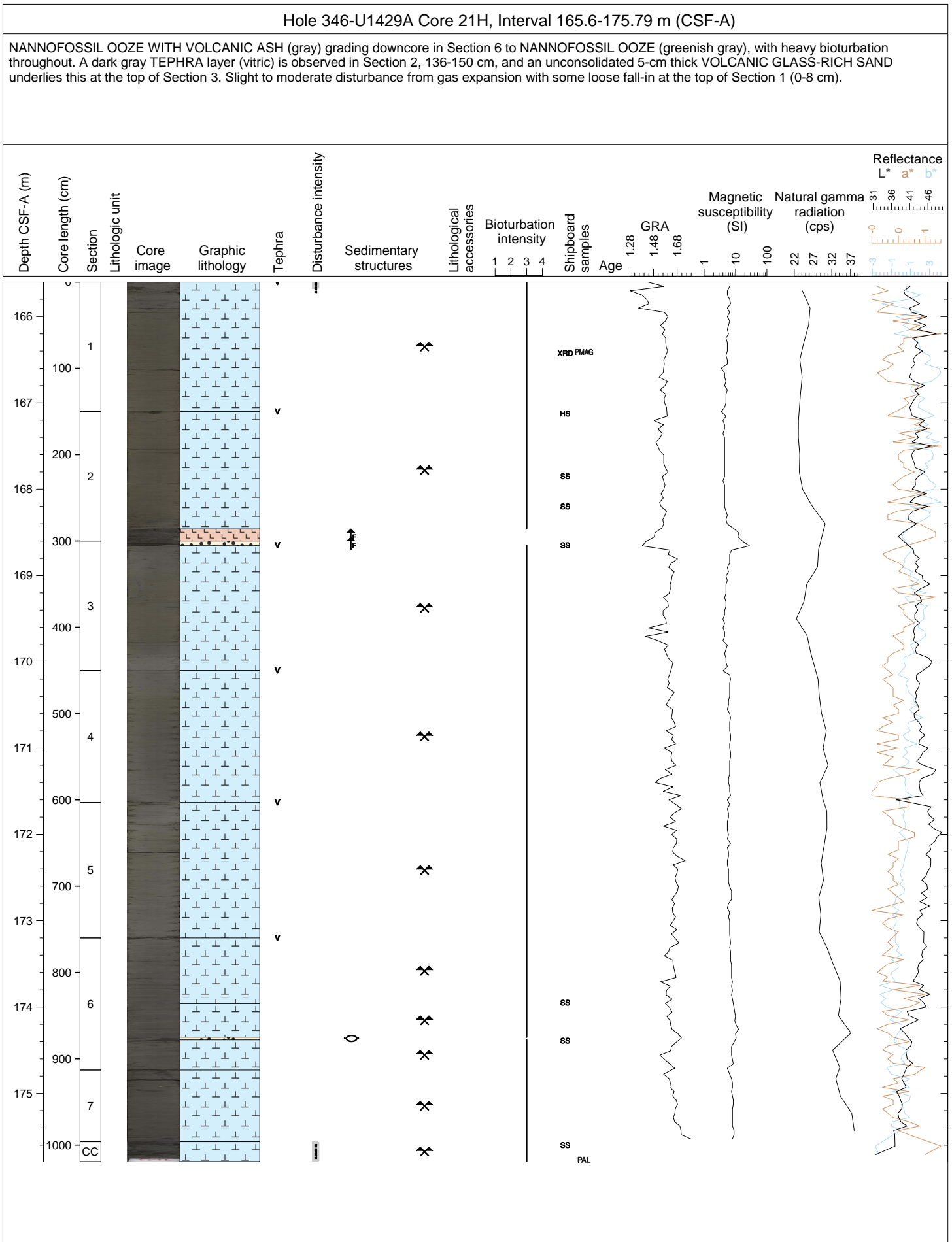


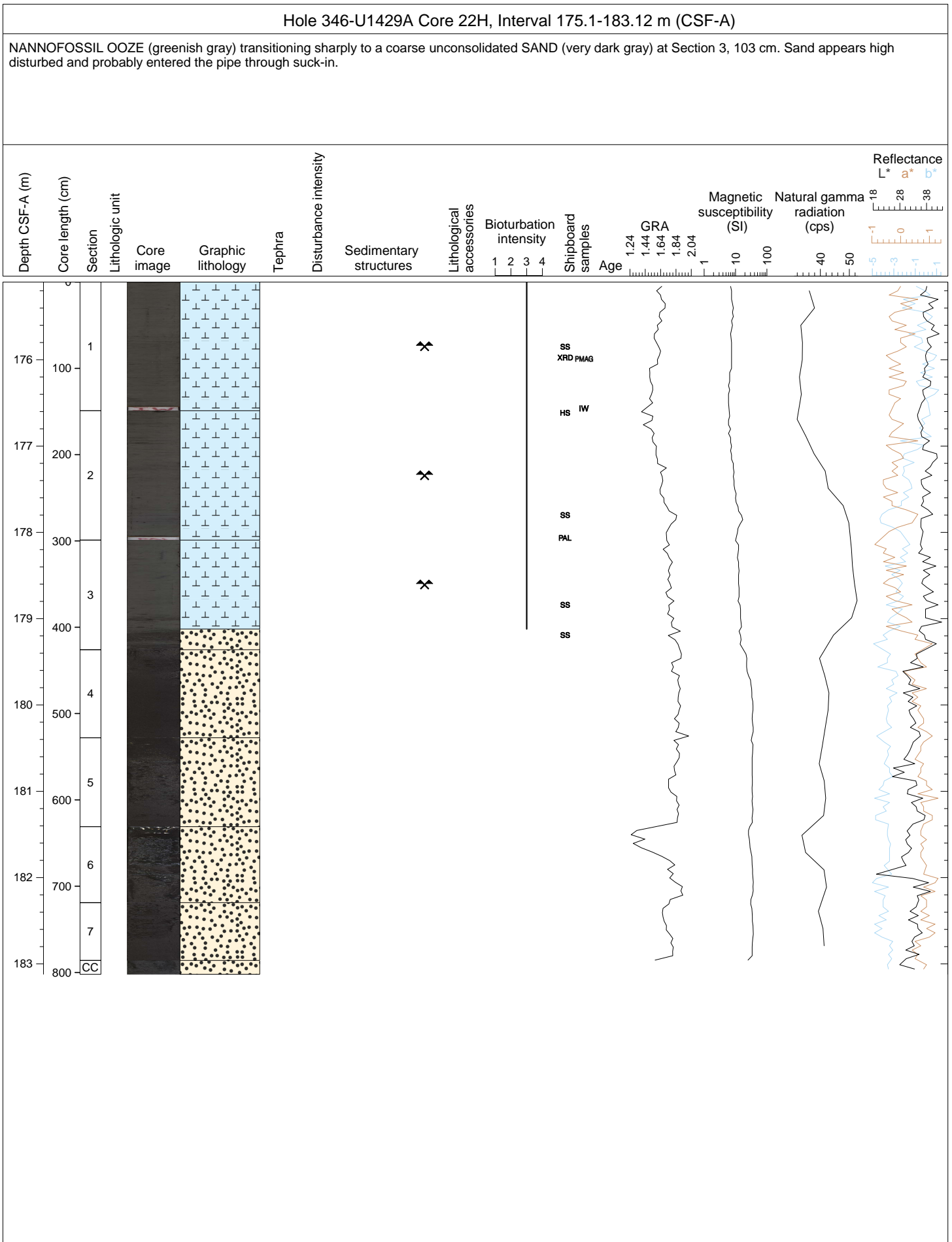
Hole 346-U1429A Core 18H, Interval 146.6-153.73 m (CSF-A)

Interbedded NANNOFOSSIL OOZE, VOLCANIC GLASS-RICH NANNOFOSSIL OOZE (greenish gray), and DIATOM-RICH NANNOFOSSIL OOZE (all dark greenish gray), showing heavy bioturbation with numerous visible burrows within the nannofossil ooze. A 67-cm thick vitric TEPHRA layer (light gray) straddles Sections 2 and 3, and a similar 17-cm thick TEPHRA is found at the top of the CC. Dolomite is an important accessory mineral in Sections 5, 6, and 7. Slight to moderate disturbance throughout the core caused by gas expansion and drilling-related suck-in at the bottom of the core.



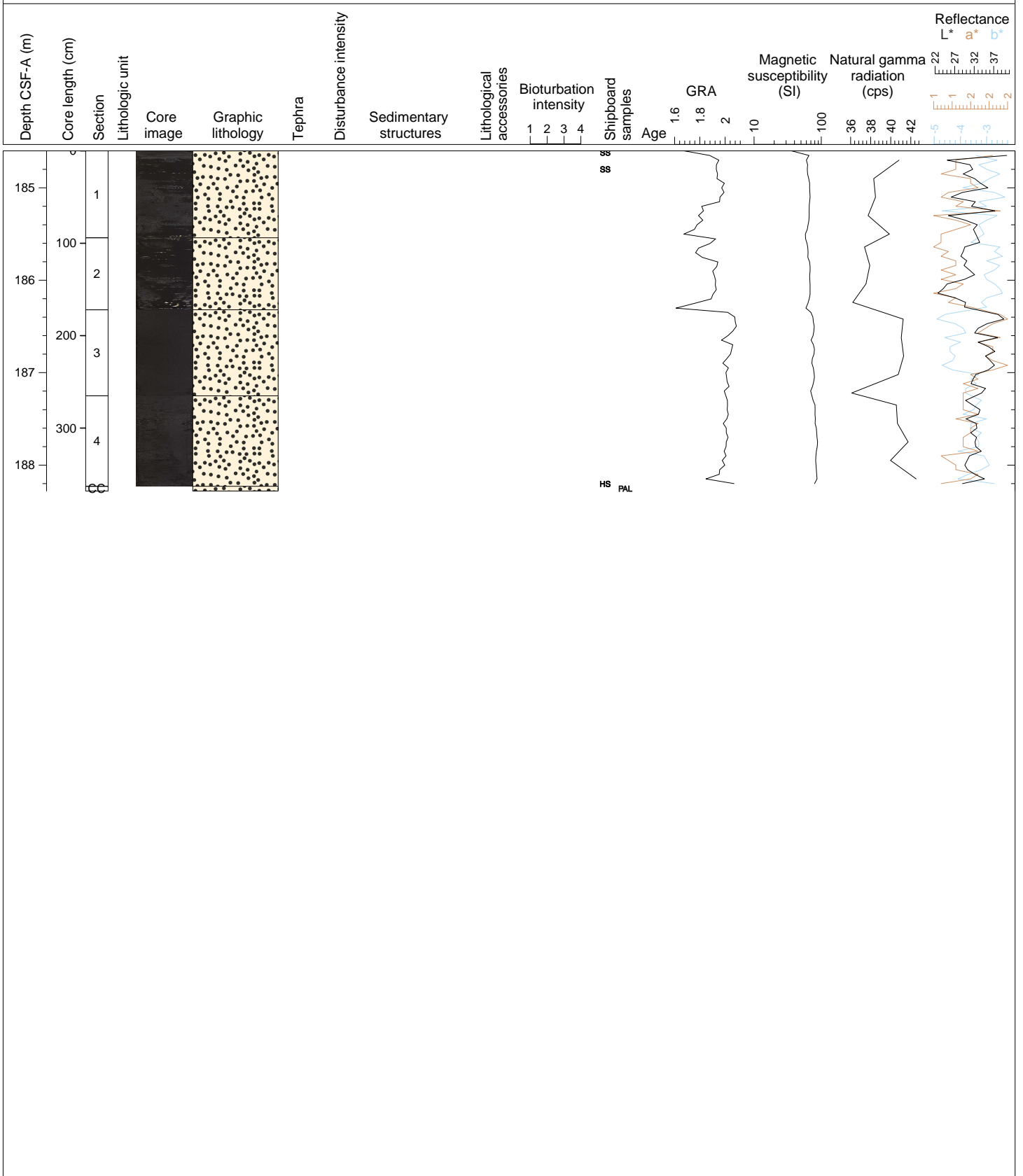






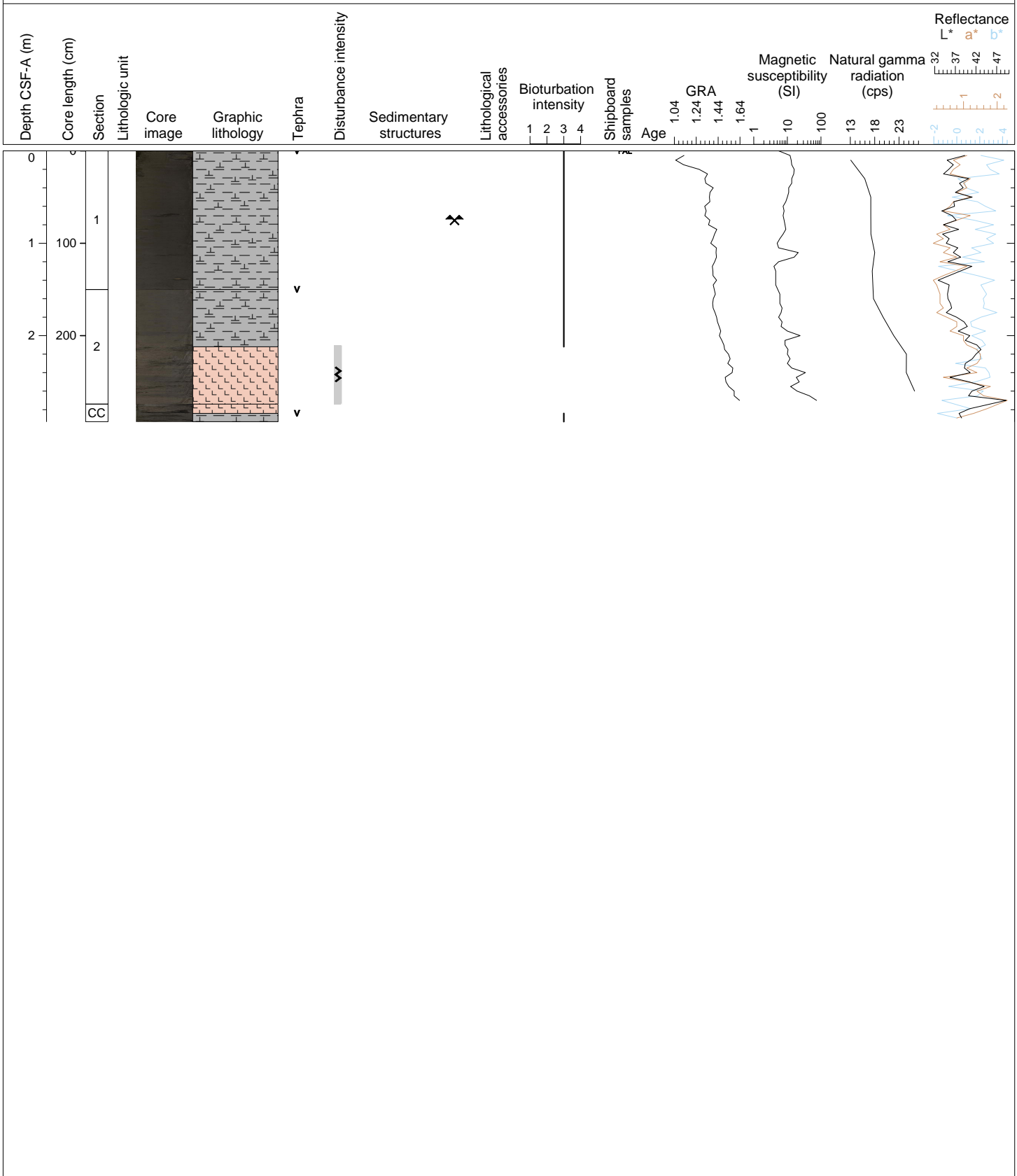
Hole 346-U1429A Core 23H, Interval 184.6-188.28 m (CSF-A)

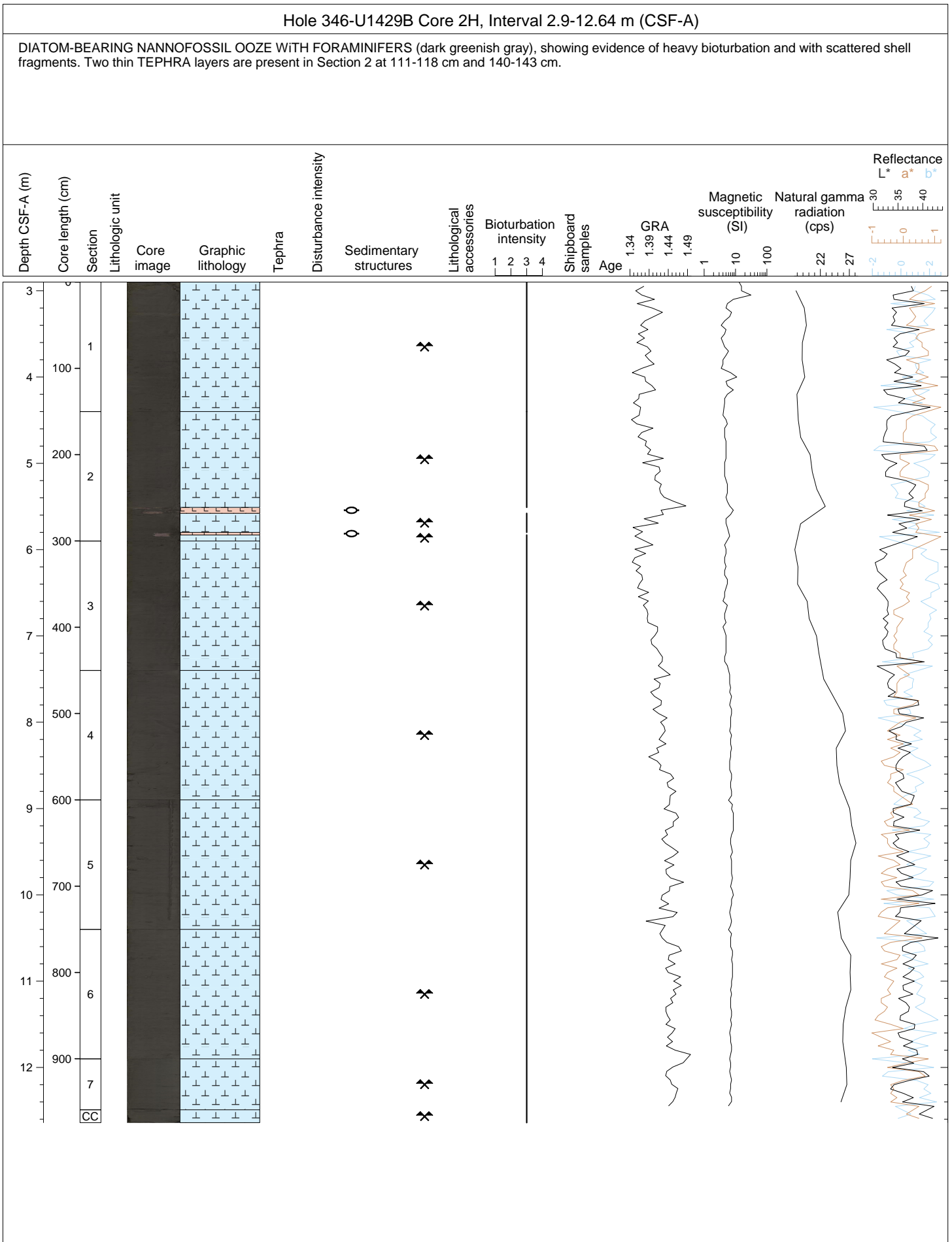
Entire core is a disturbed, unconsolidated coarse SAND, very dark gray in color.

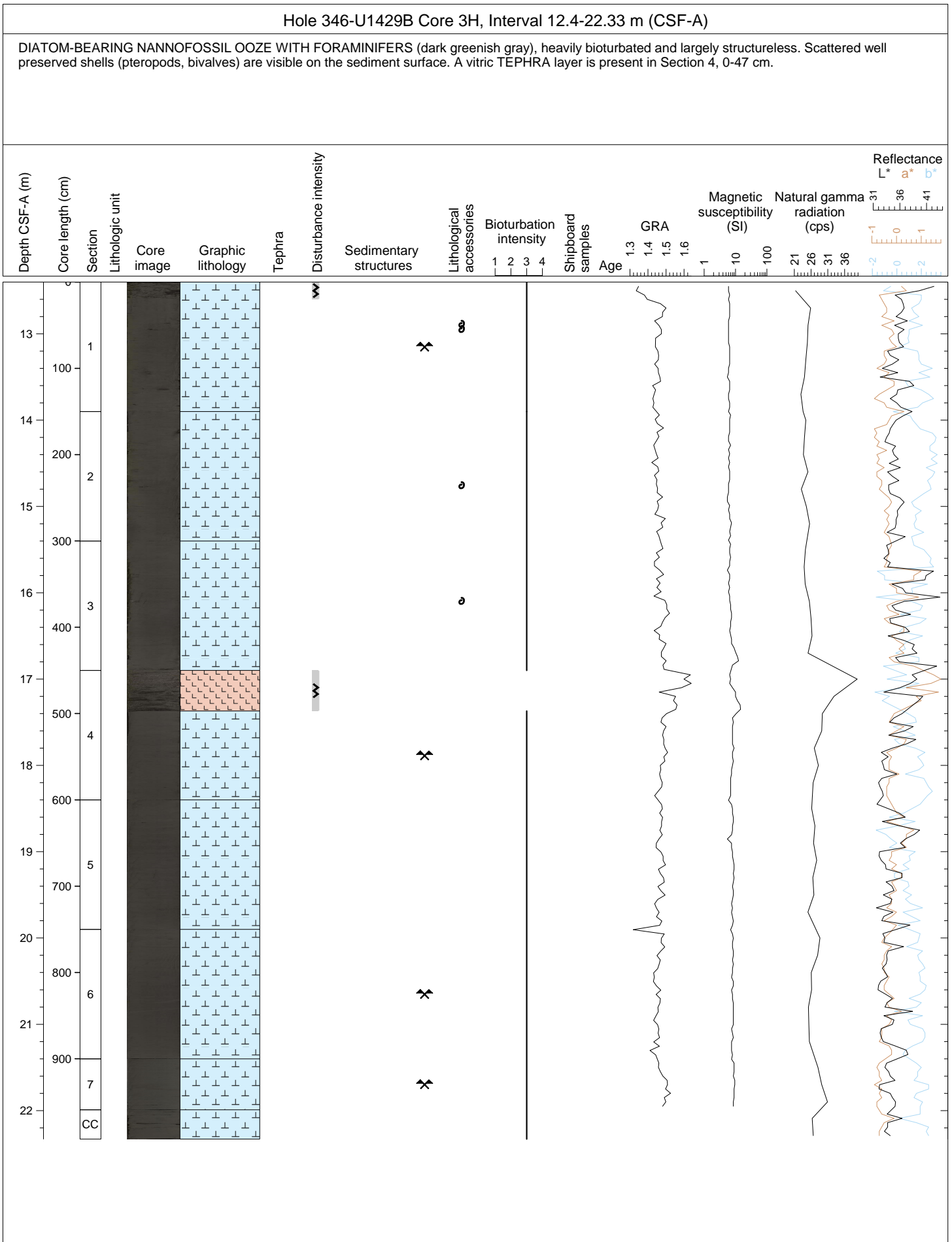


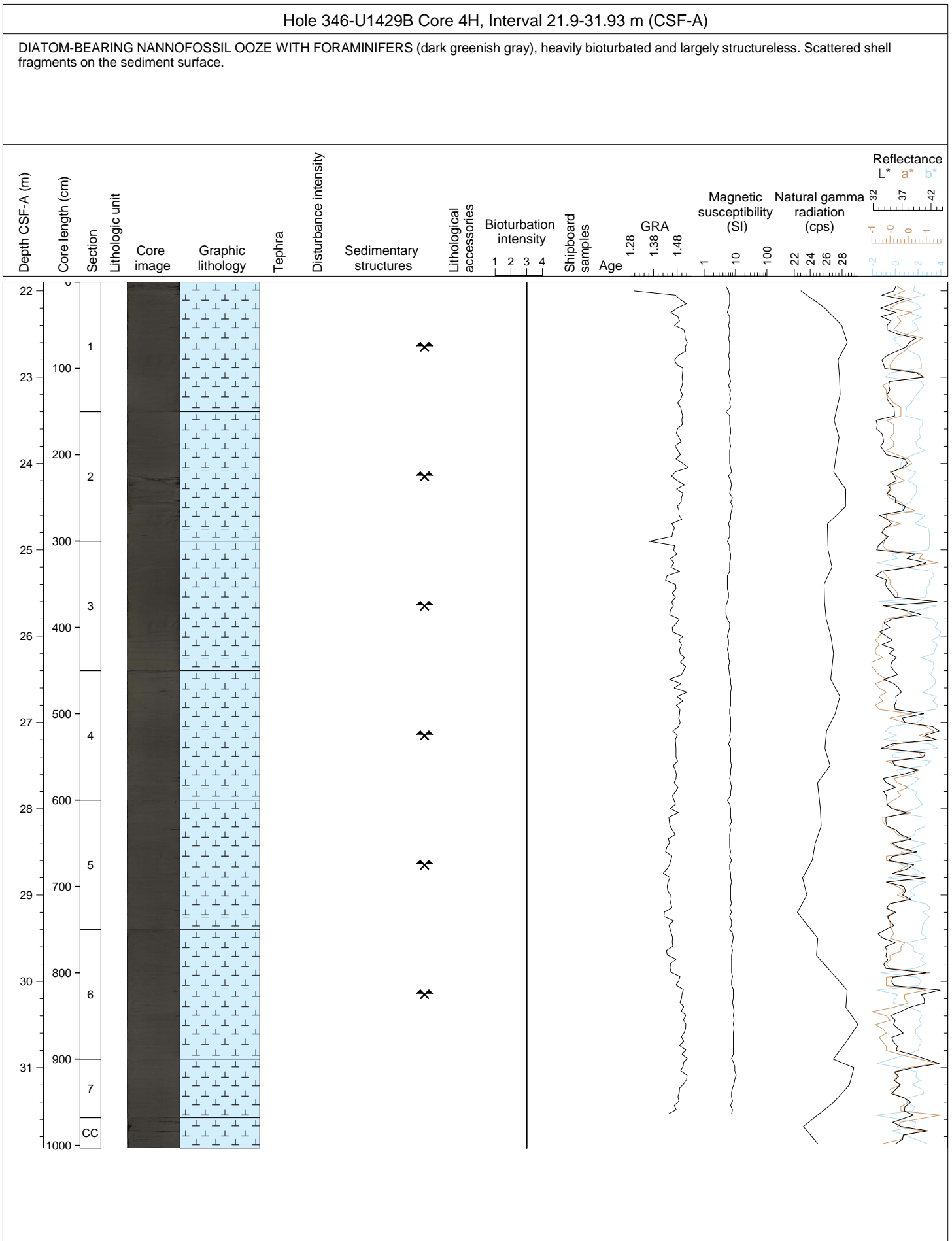
Hole 346-U1429B Core 1H, Interval 0.0-2.93 m (CSF-A)

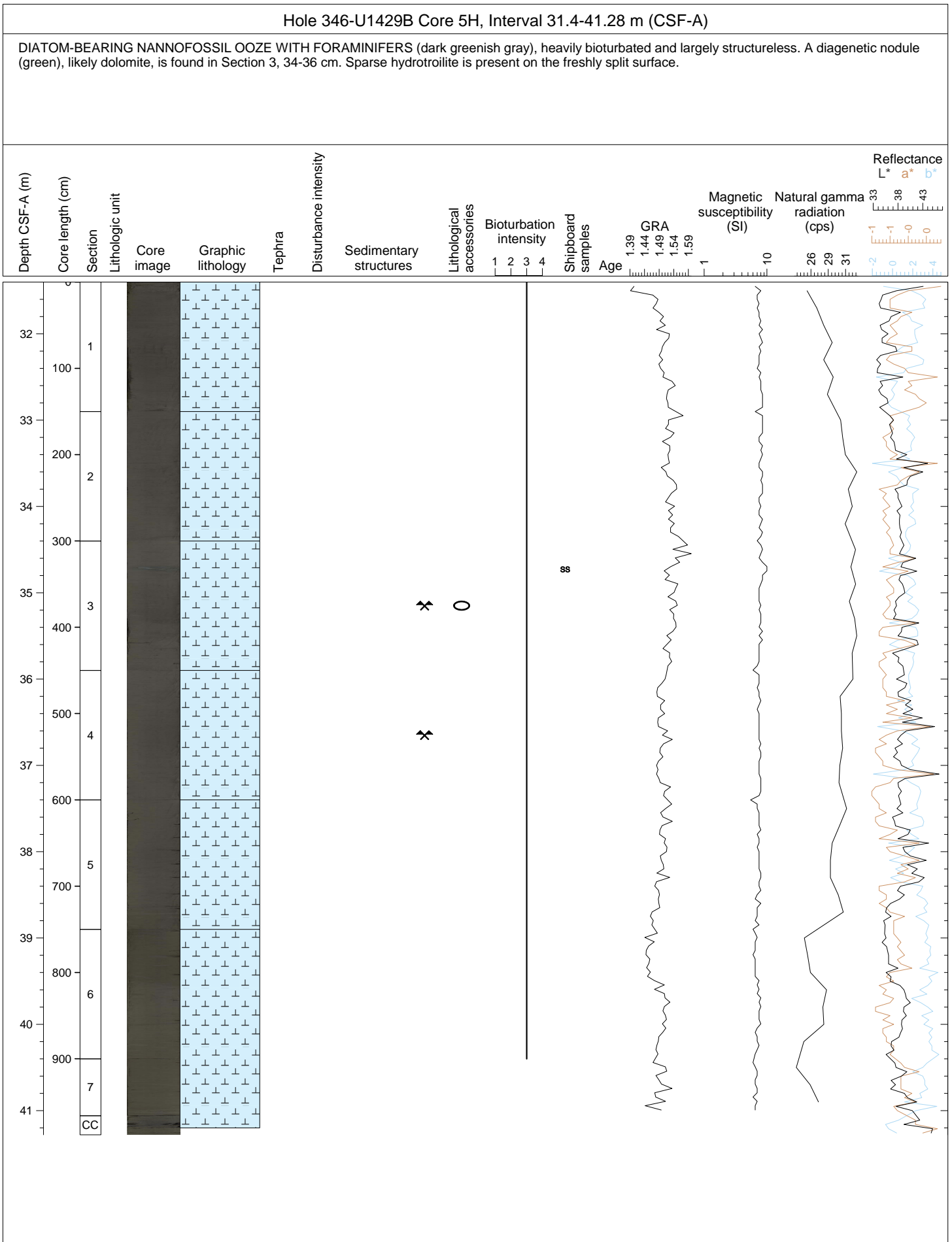
NANNOFOSSIL RICH CLAY WITH BIOGENIC COMPONENTS (Diatoms and Foraminifers); dark greenish gray with heavy bioturbation throughout. A thick vitric TEPHRA layer is present in Section 2, 62-124 cm, and 0-10 cm of the CC. The tephra is moderately disturbed and shows evidence of suck-in from the bottom of the core.





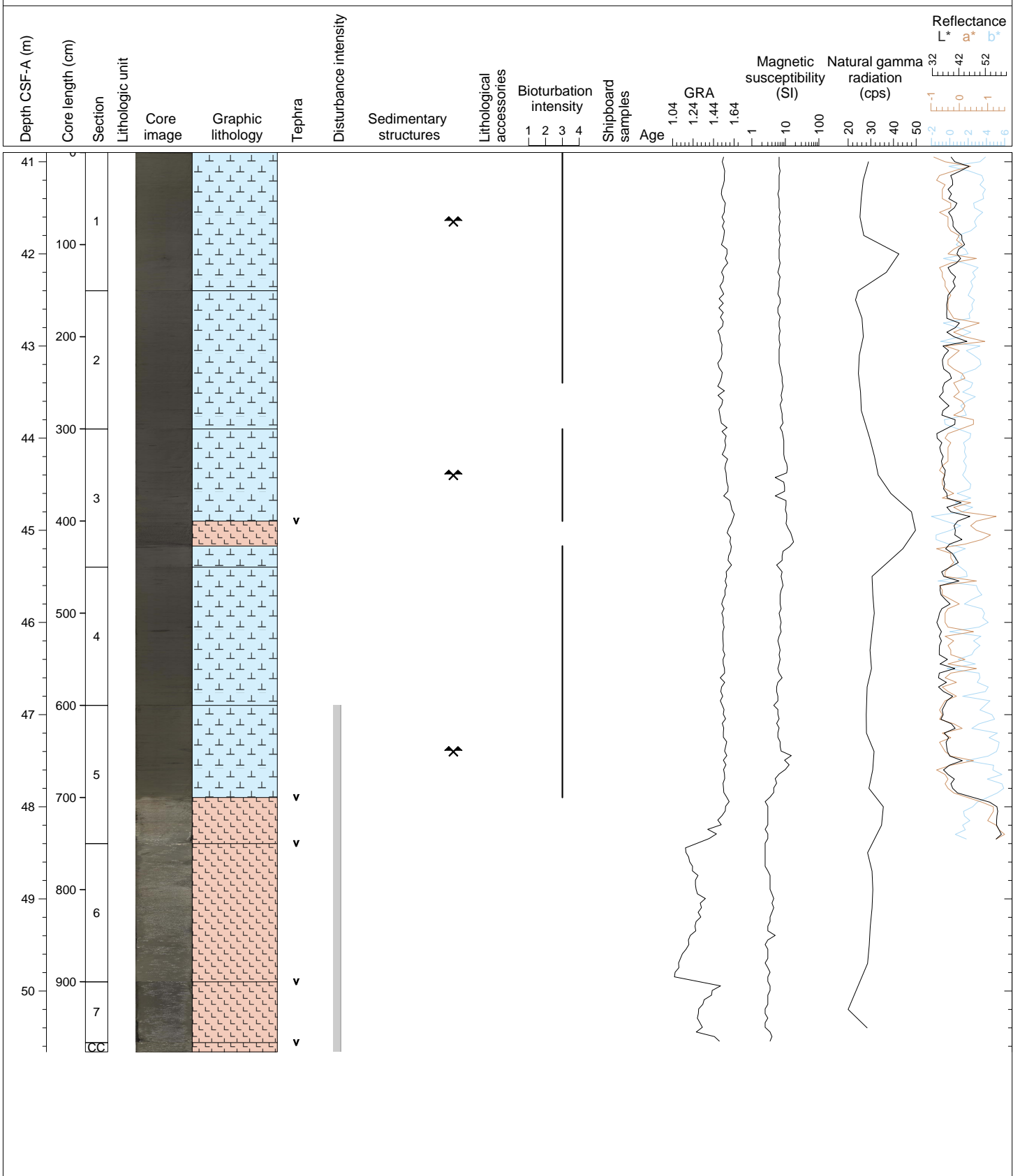






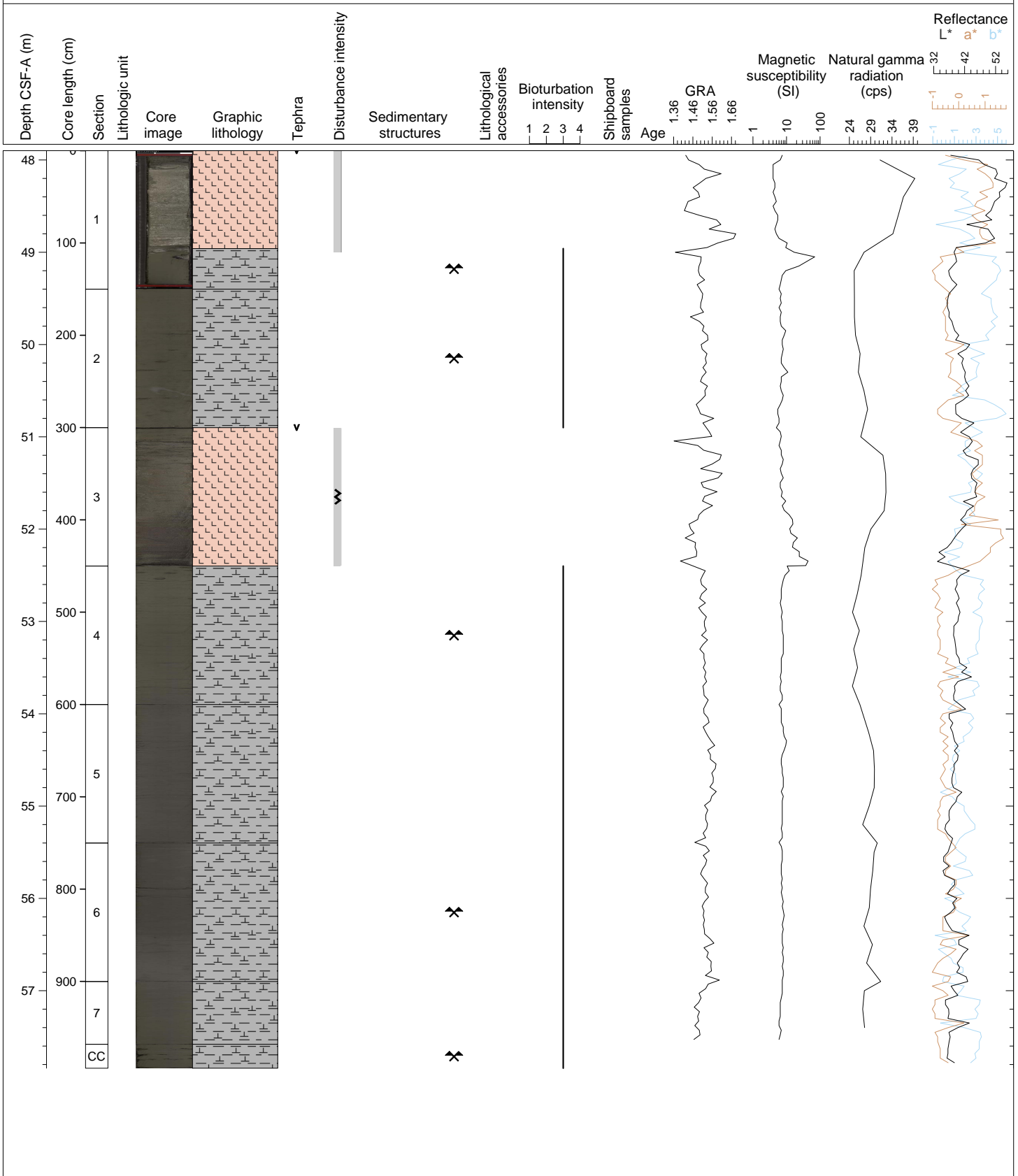
Hole 346-U1429B Core 6H, Interval 40.9-50.66 m (CSF-A)

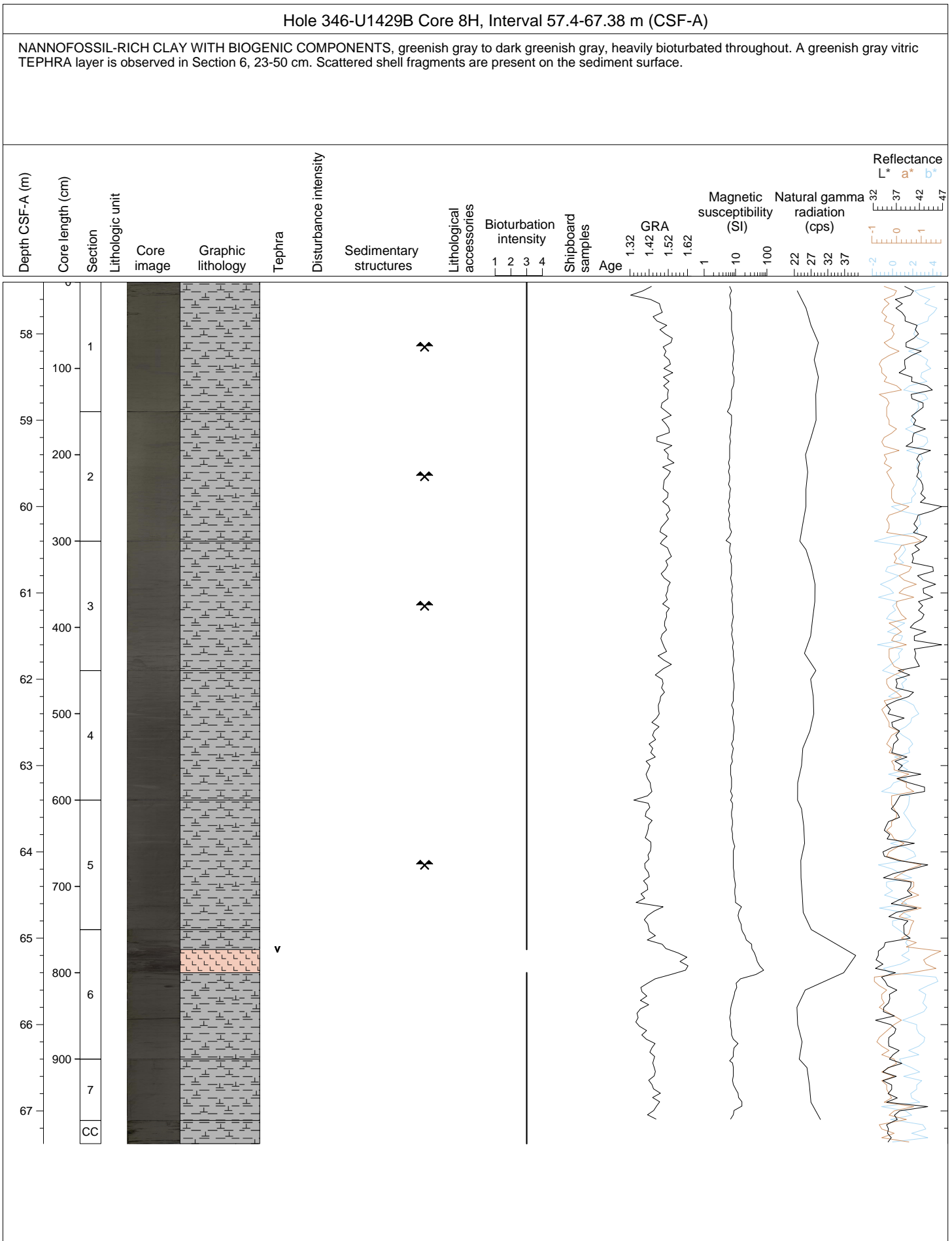
DIATOM-BEARING NANNOFOSSIL OOZE WITH FORAMINIFERS (dark greenish gray), heavily bioturbated and largely structureless. A vitric TEPHRA layer is found in Section 3, 100-127 cm, and a relatively unconsolidated and highly disturbed TEPHRA sand fills the bottom of the core from Section 5, 100 cm, to the base of the CC. 5 (suck-in).

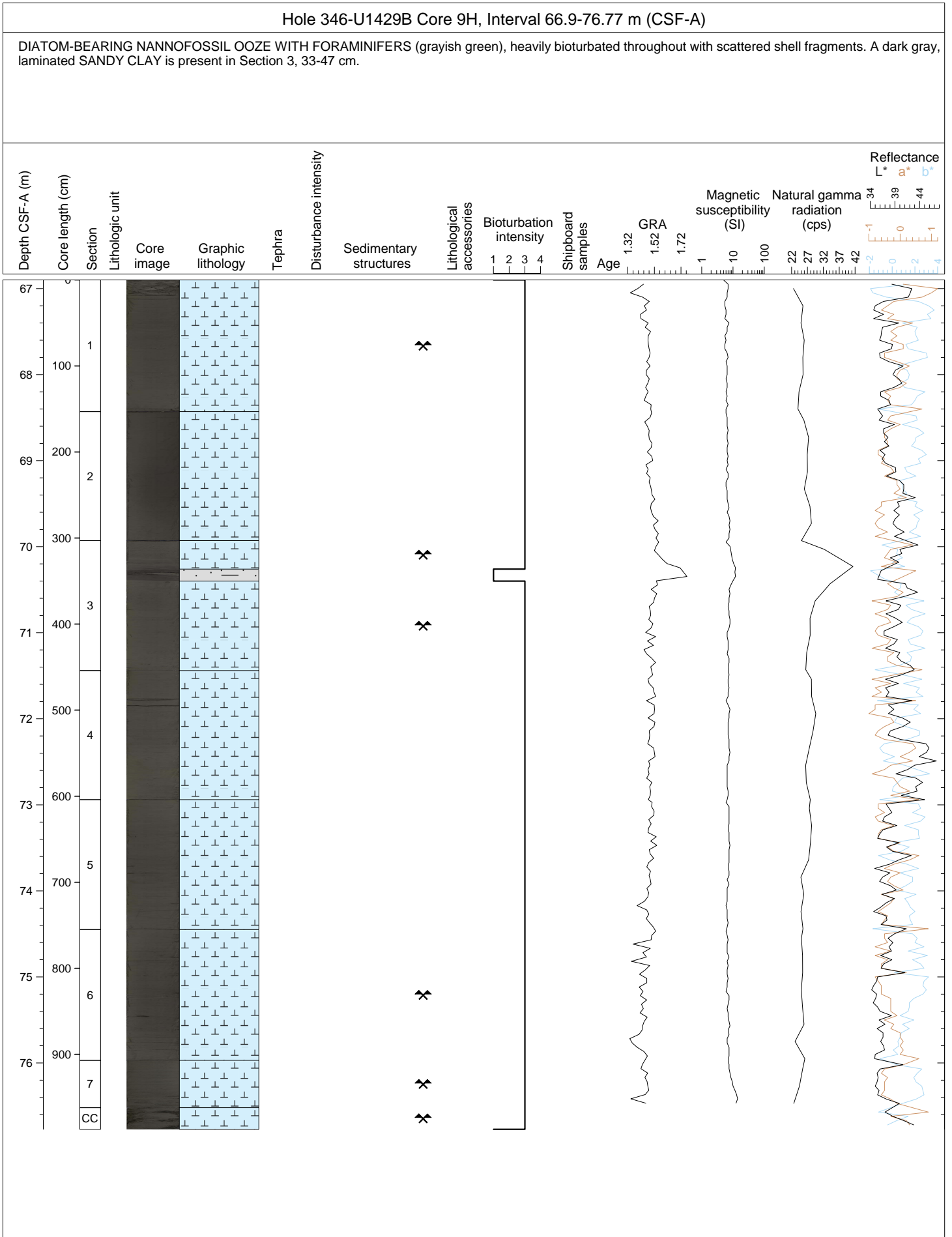


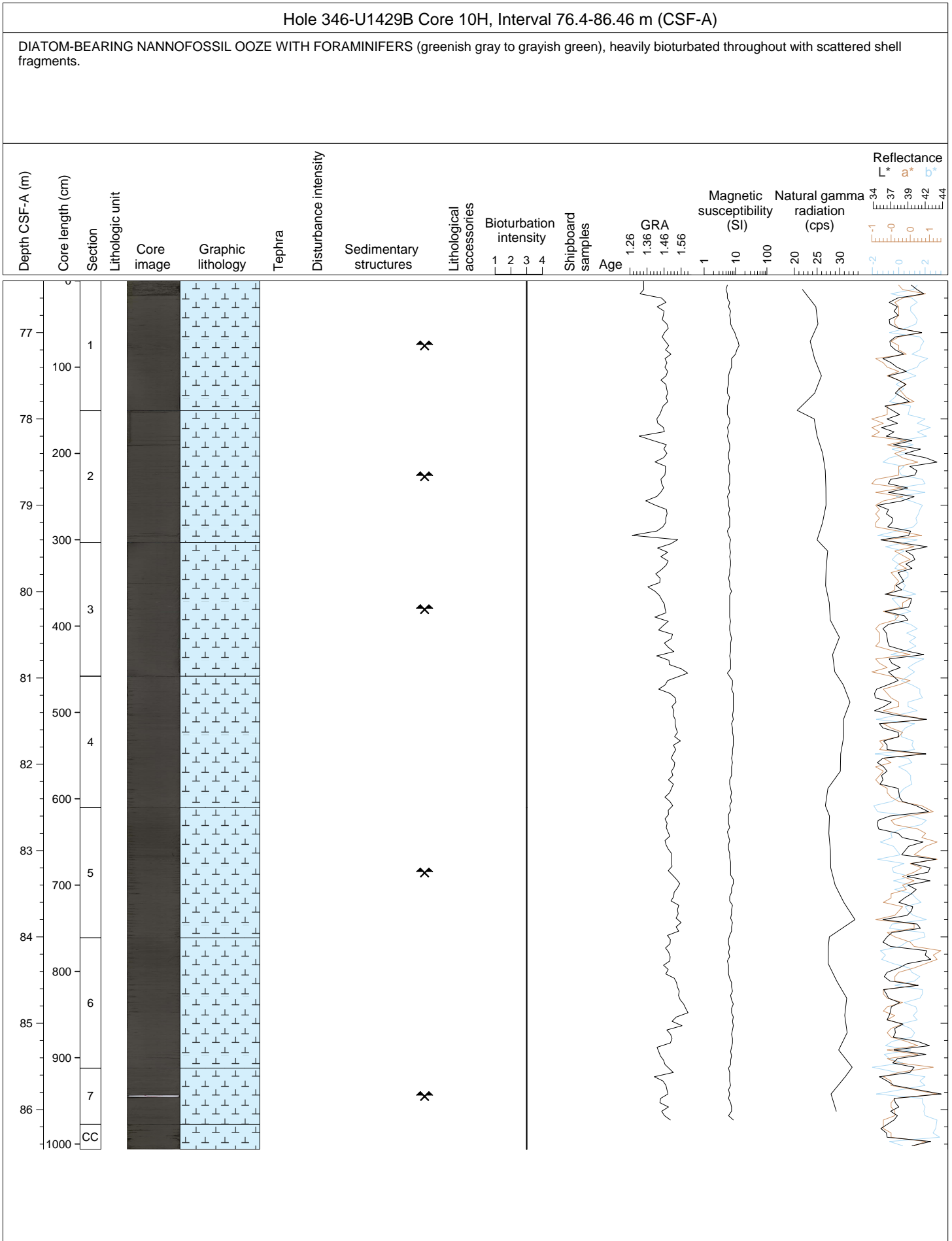
Hole 346-U1429B Core 7H, Interval 47.9-57.84 m (CSF-A)

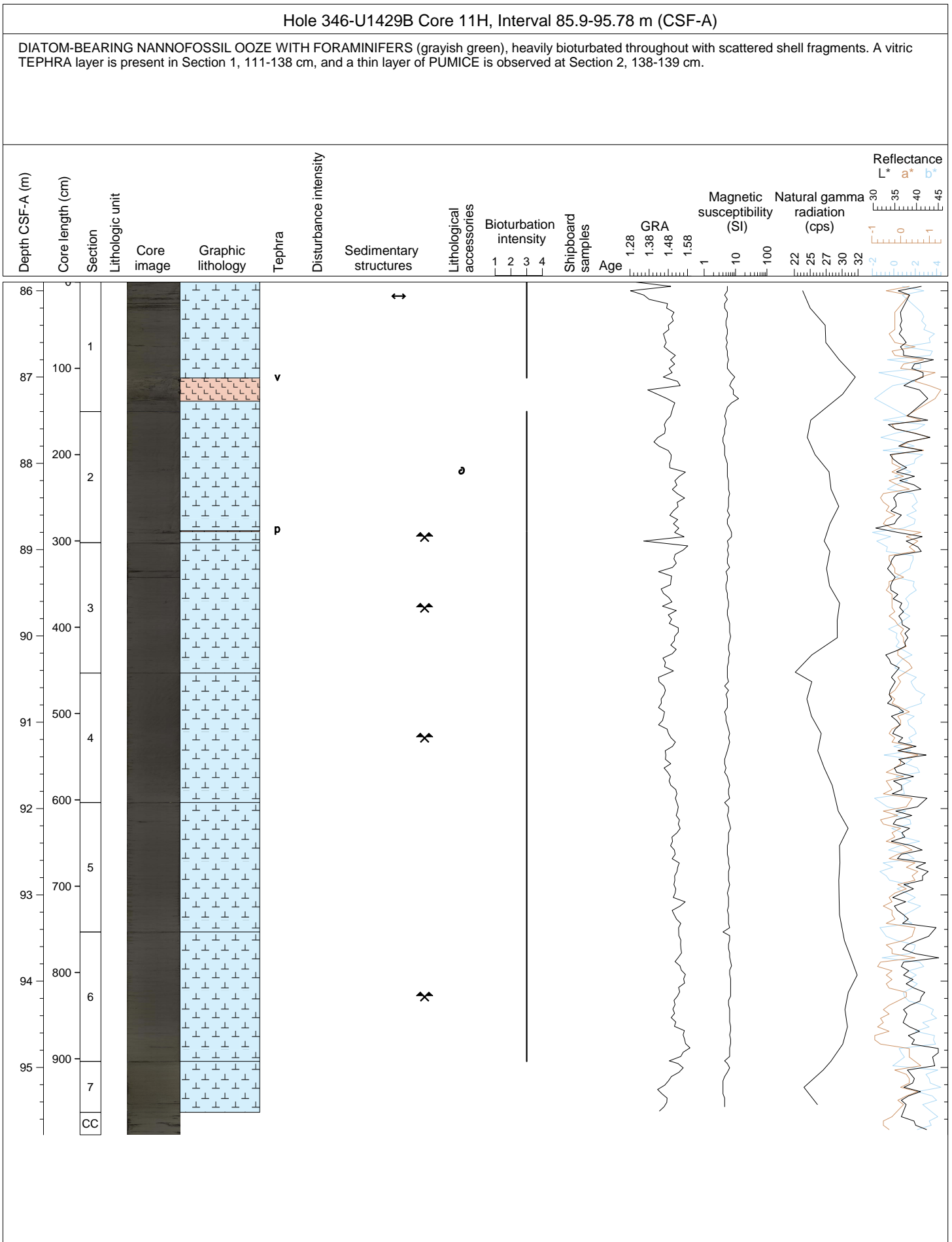
DIATOM-BEARING NANNOFOSSIL OOZE WITH FORAMINIFERS (dark greenish gray), heavily bioturbated and largely structureless. Distinct TEPHRA layers are observed in Section 1, 0-106 cm, and filling all of Section 3. The tephra at the top of Section 1 is a continuation of the tephra at the base of the overlying core. Both tephras are severely disturbed.

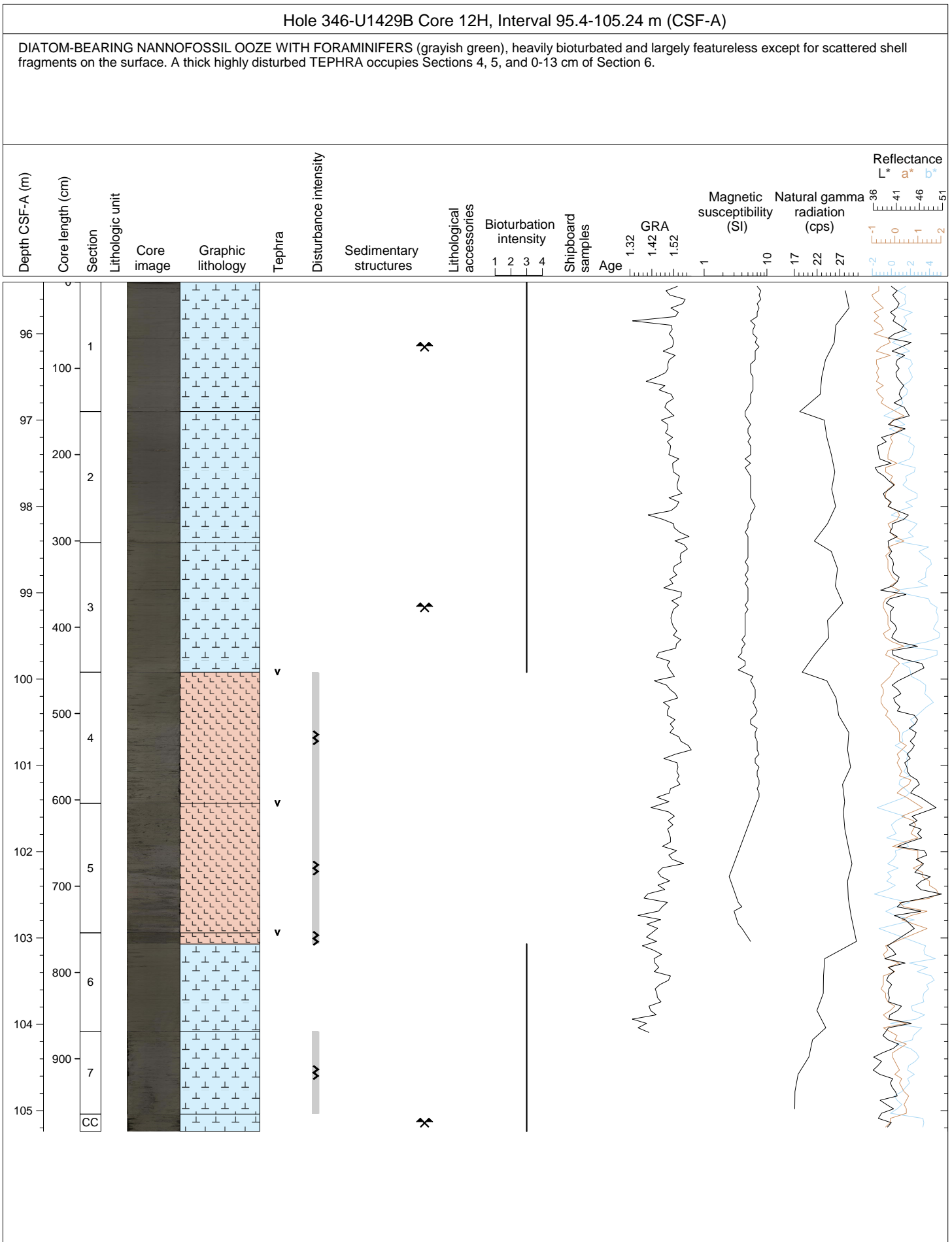


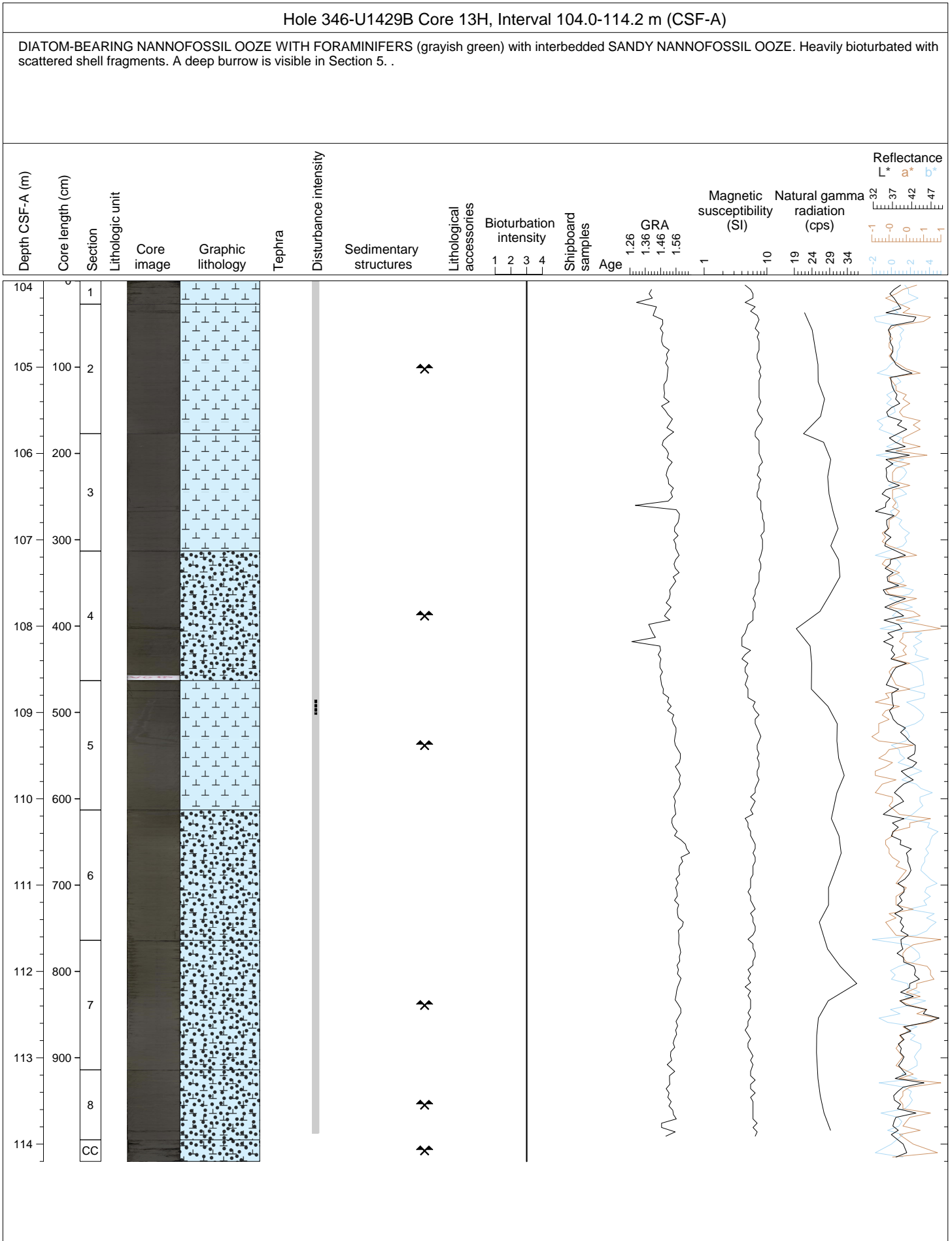


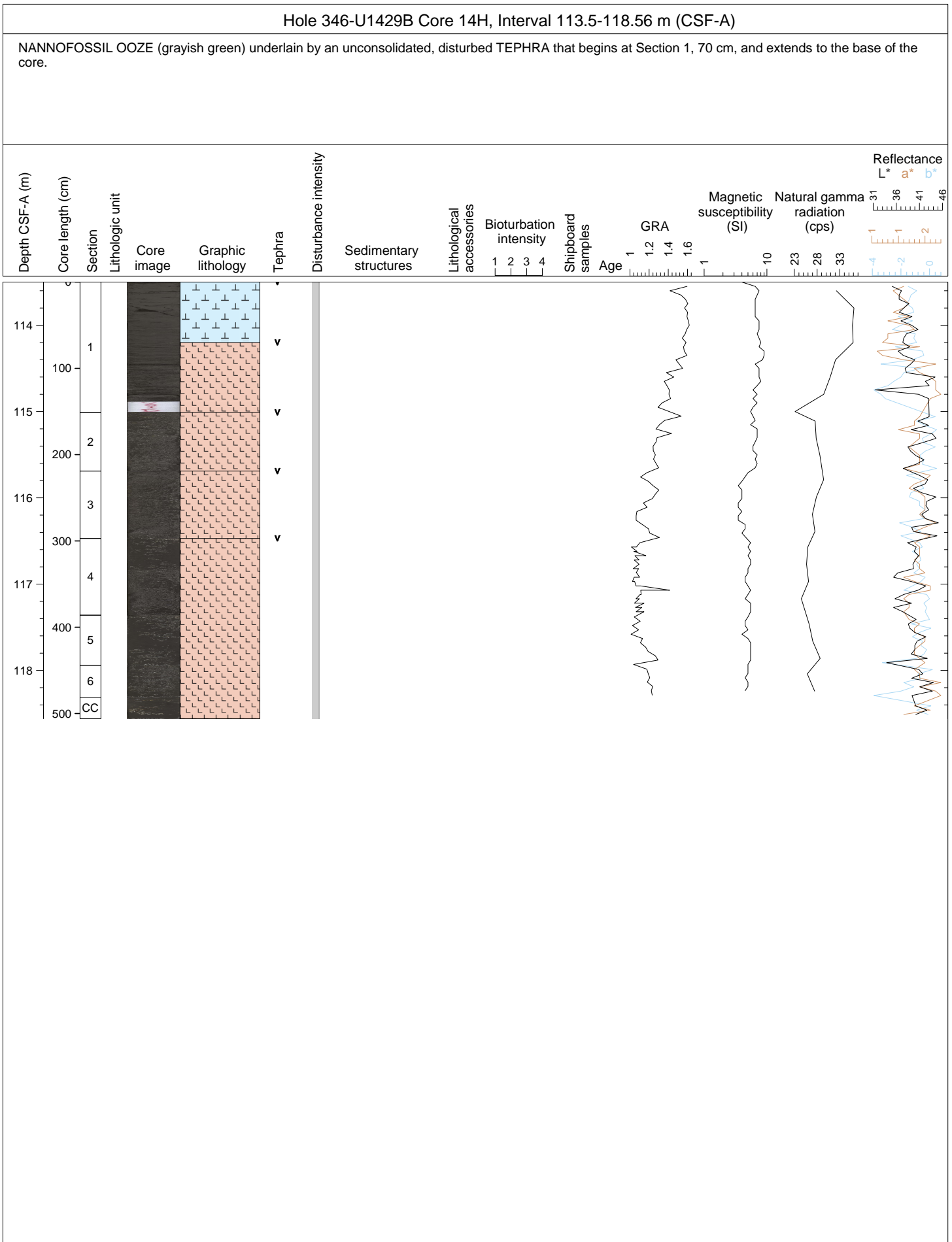


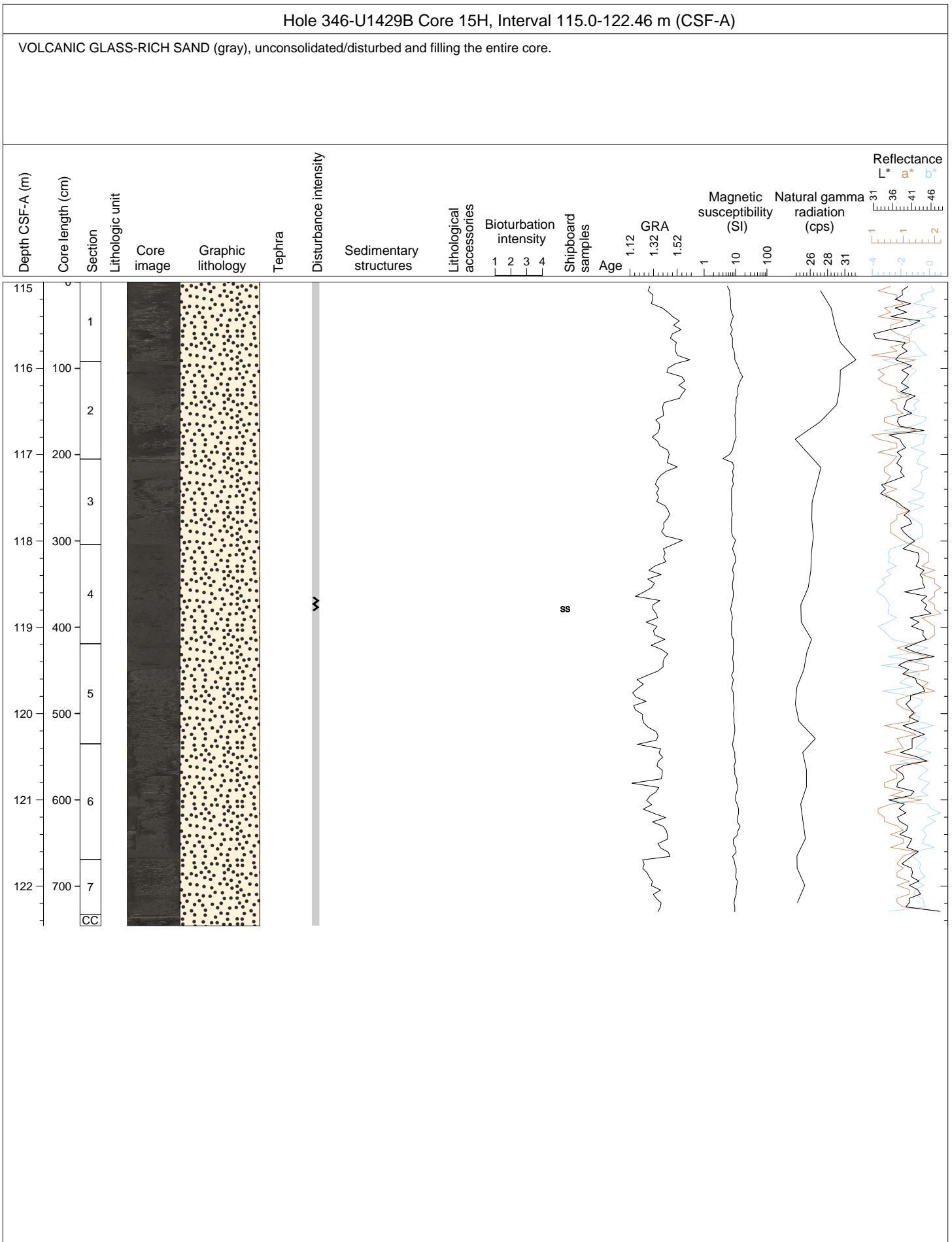


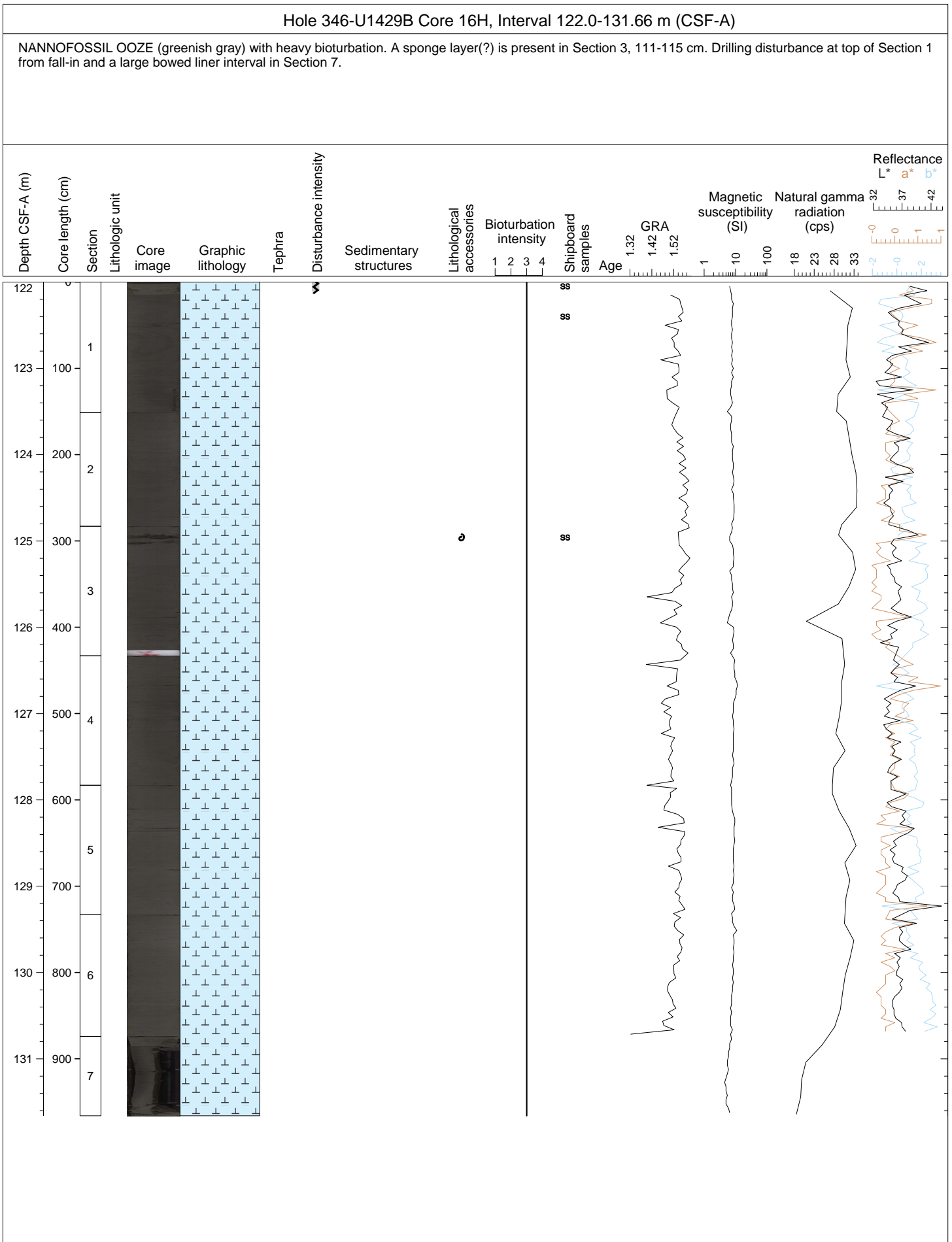


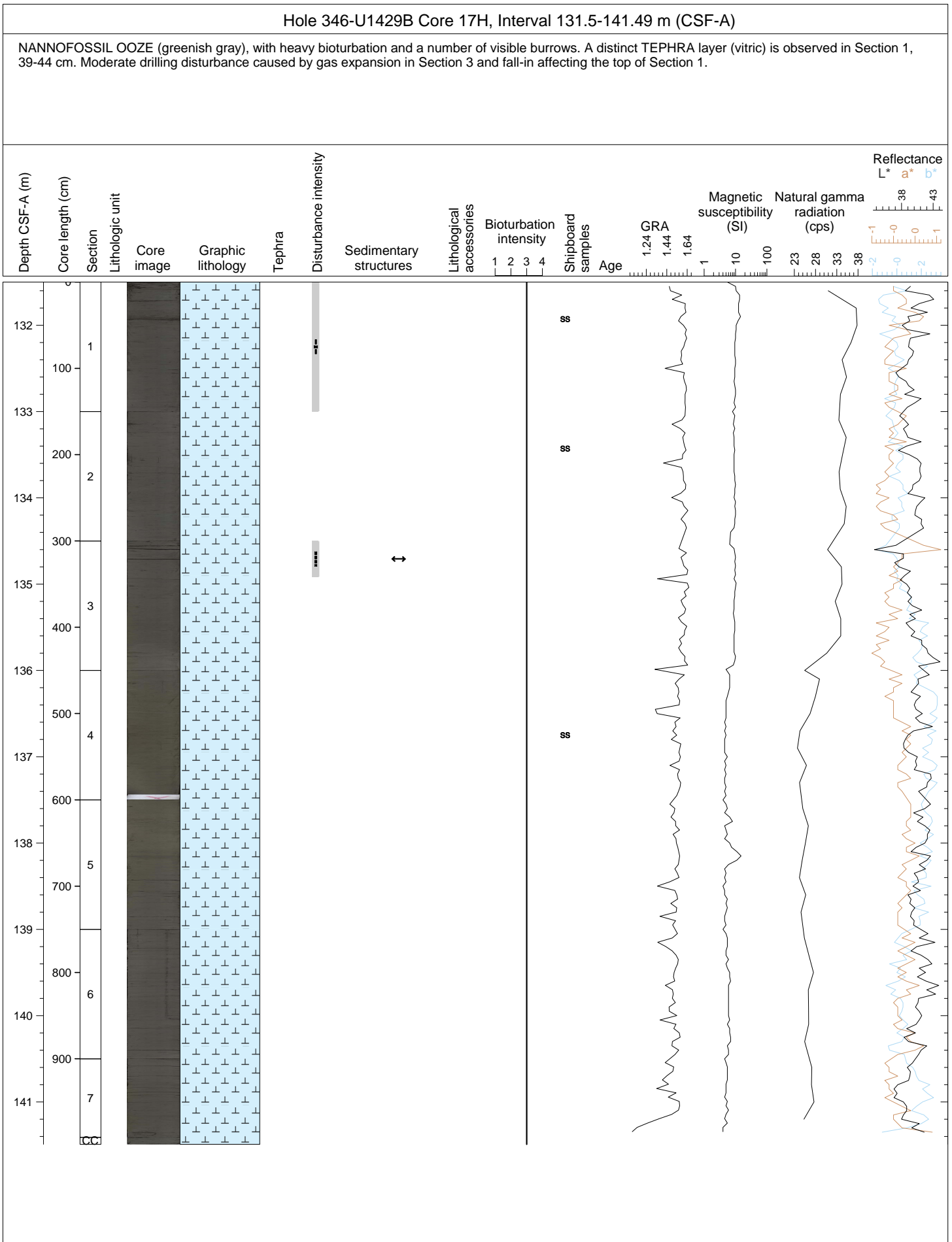






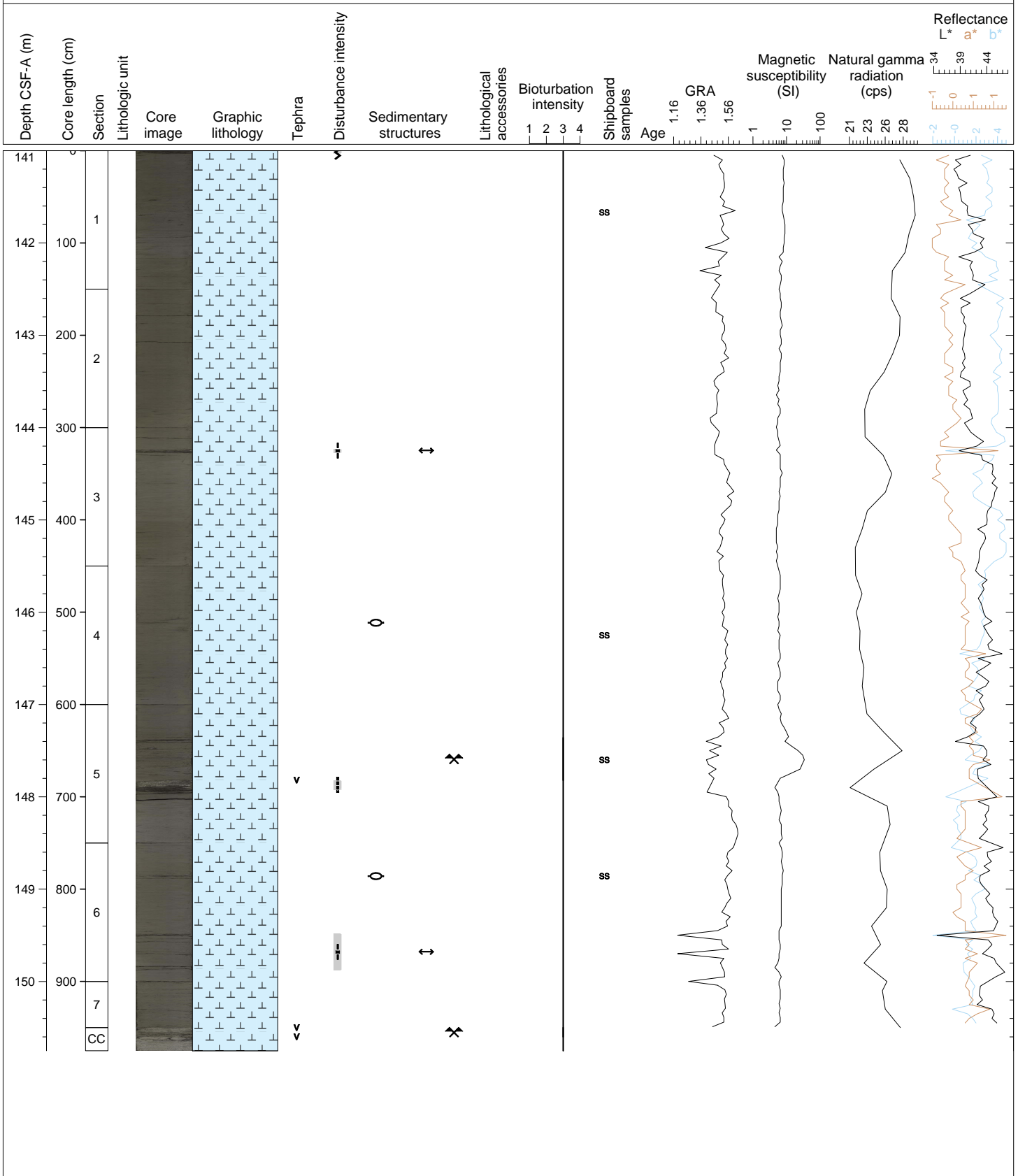


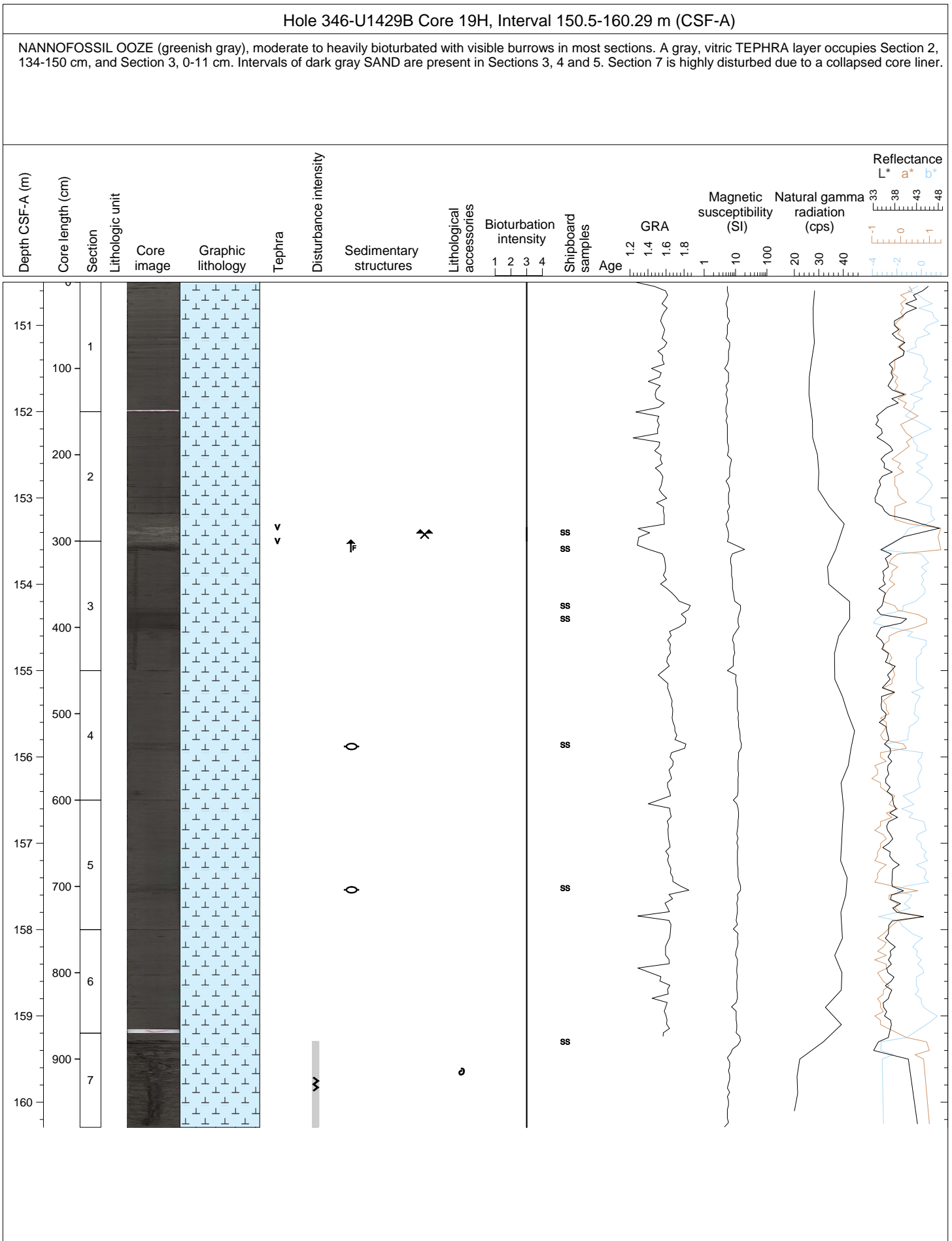




Hole 346-U1429B Core 18H, Interval 141.0-150.75 m (CSF-A)

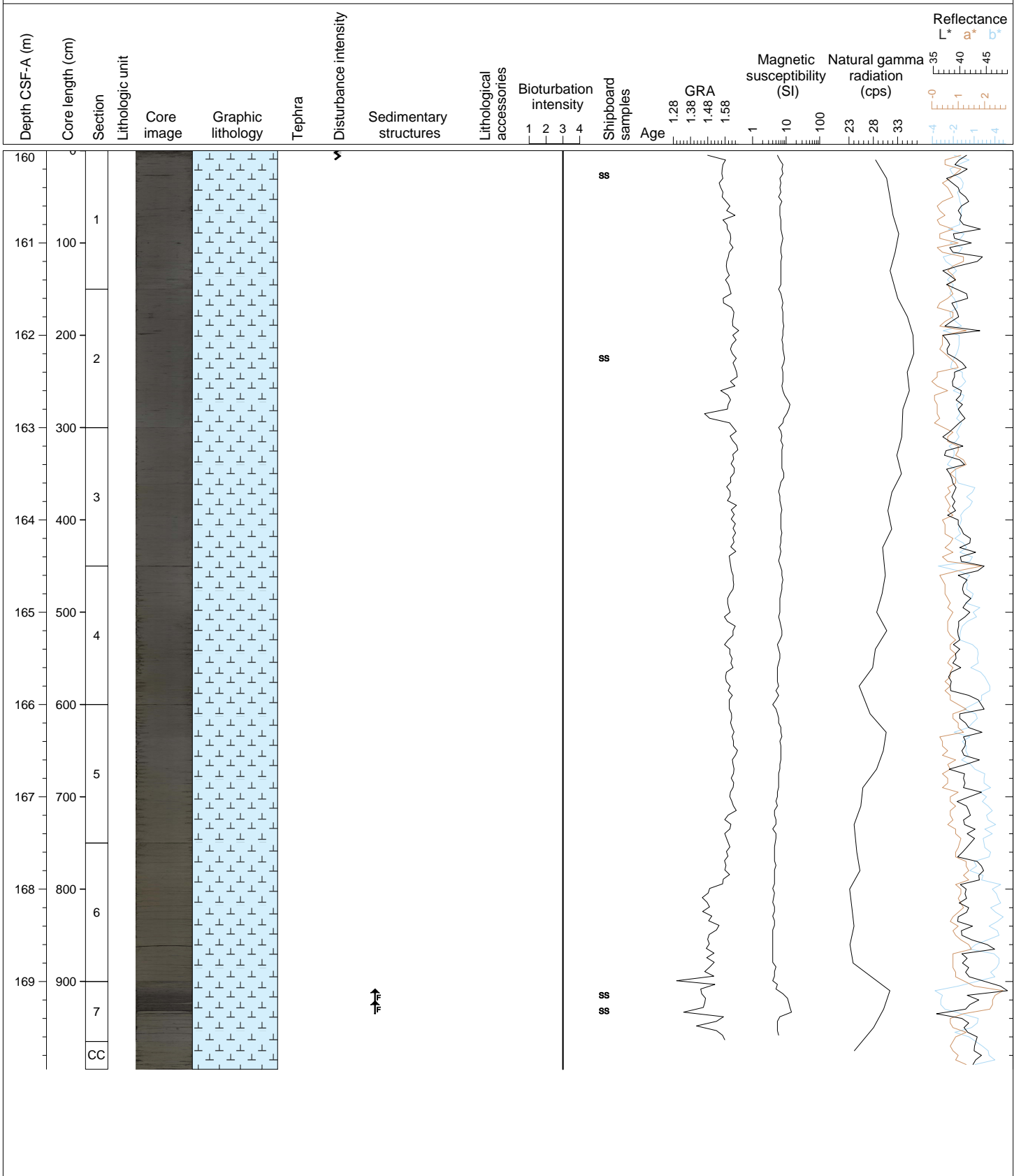
NANNOFOSSIL OOZE (greenish gray), heavily bioturbated. Several gray, vitric TEPHRA layers are visible in Section 1, 66-67 cm, Section 5, 82-92 cm, and filling the CC. A couple of isolated patches of sandy FORAMINIFERA OOZE are present in Sections 4 and 6, possibly representing turbidite flows. Fall-in is present at the top of the core and gas expansion has resulted in moderate disturbance in several sections.

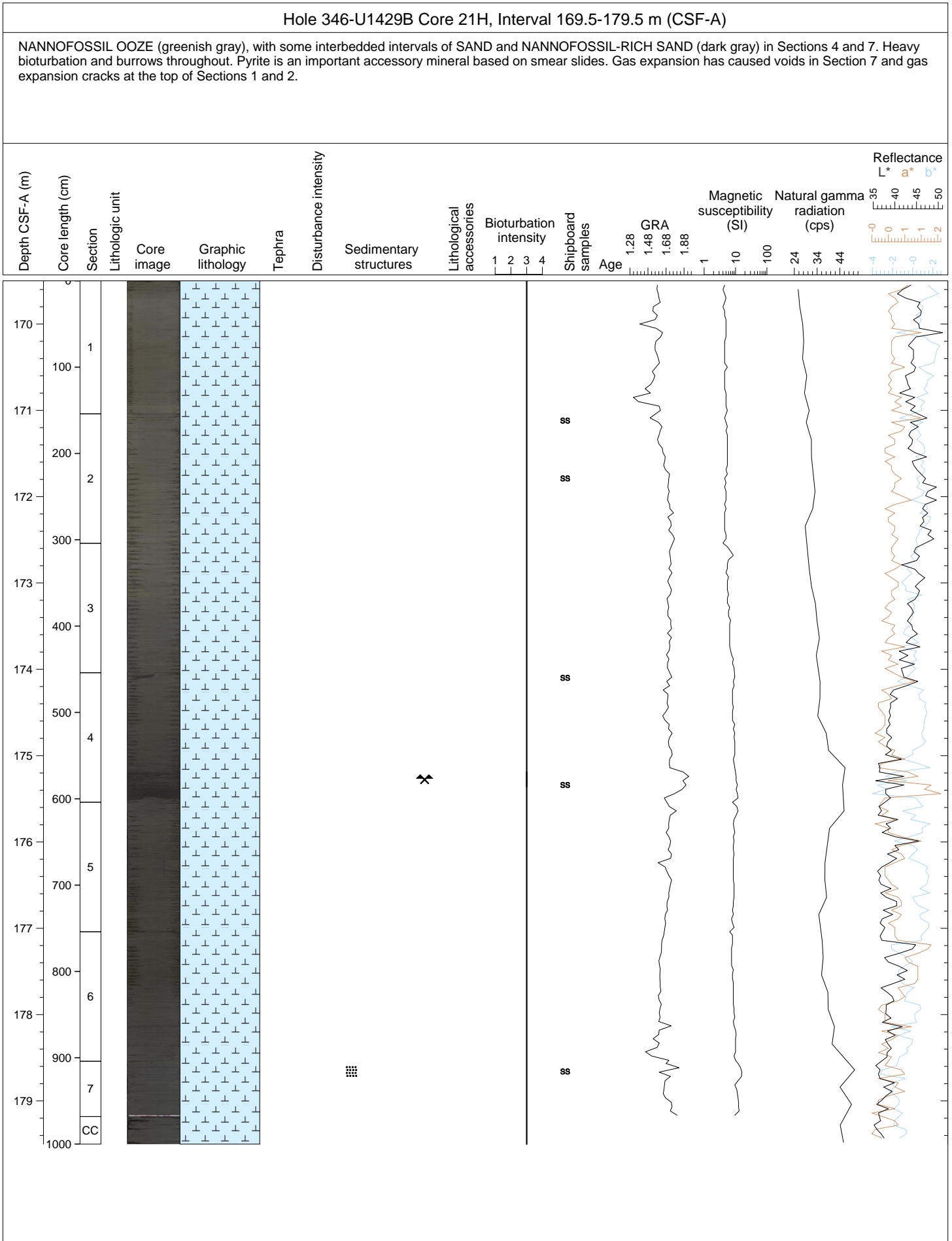




Hole 346-U1429B Core 20H, Interval 160.0-169.95 m (CSF-A)

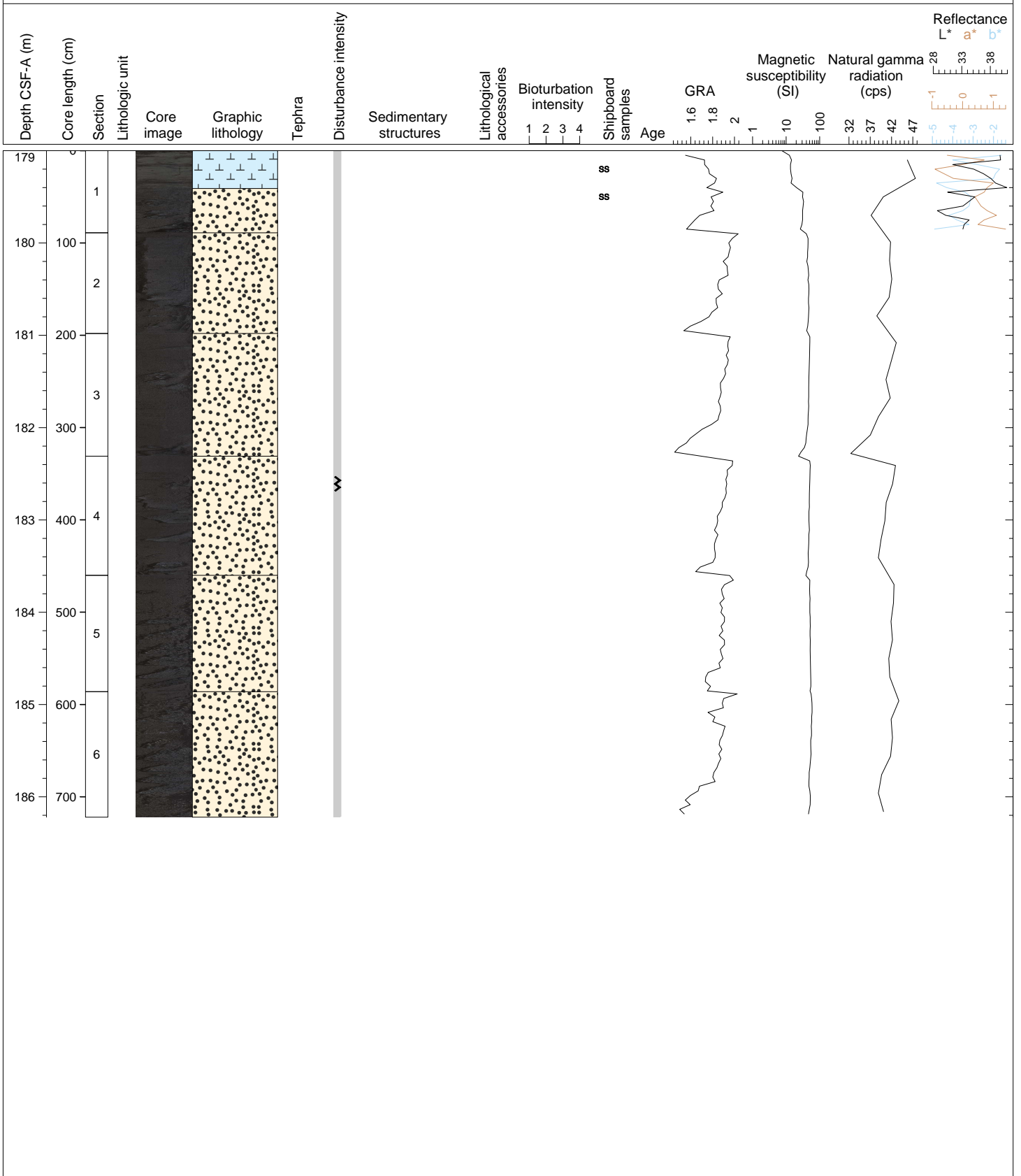
NANNOFOSSIL OOZE (greenish gray), showing evidence of moderate to heavy bioturbation and distinct burrows throughout. A gray, normally graded TEPHRA is visible in Section 7, 9-21 cm, and is underlain by a gray, normally graded and unconsolidated SAND (Section 7, 25-31 cm), with the latter showing a sharp erosional contact at the base. Pyrite is an important accessory mineral. Drilling disturbance is limited to fall-in at top of Section 1.

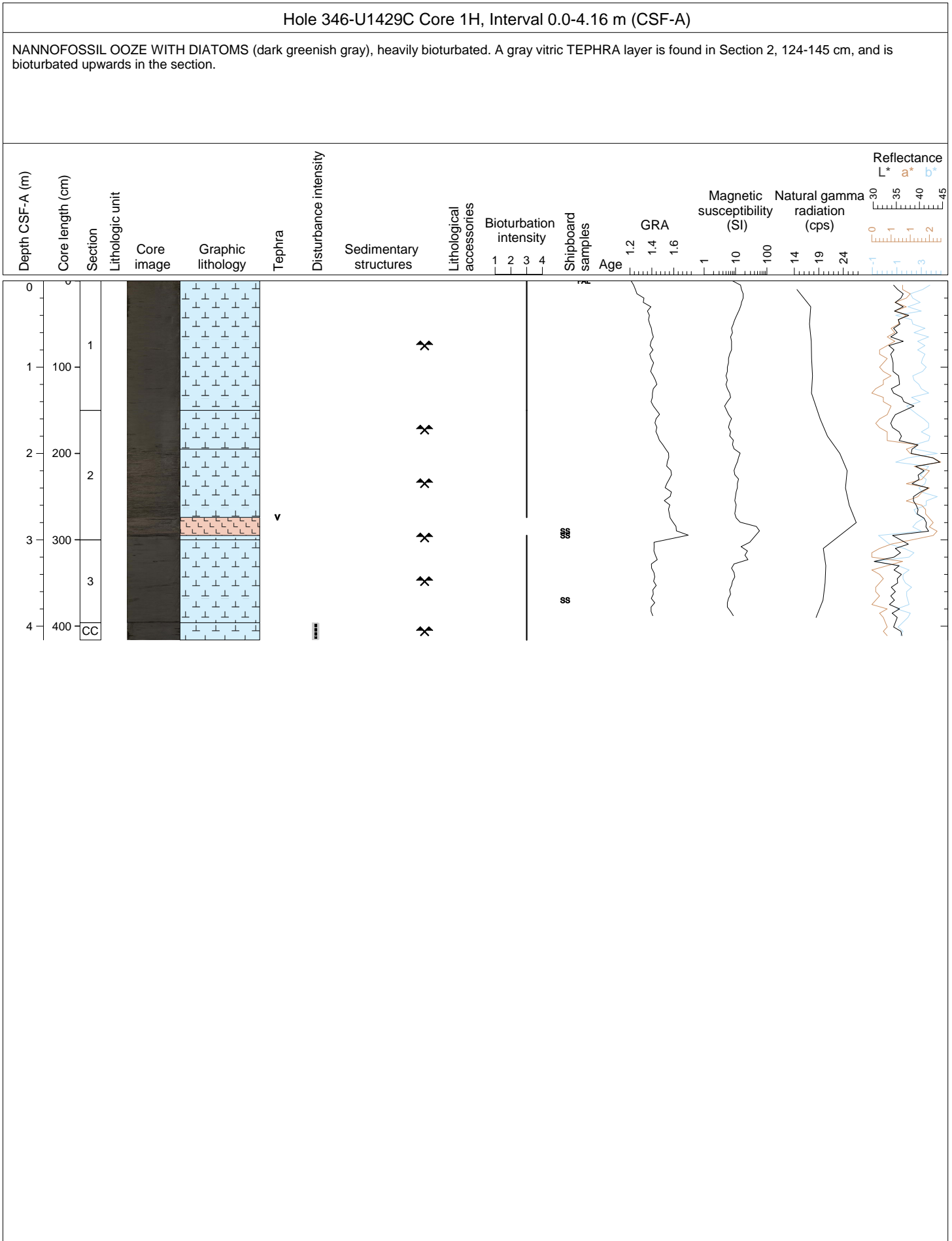


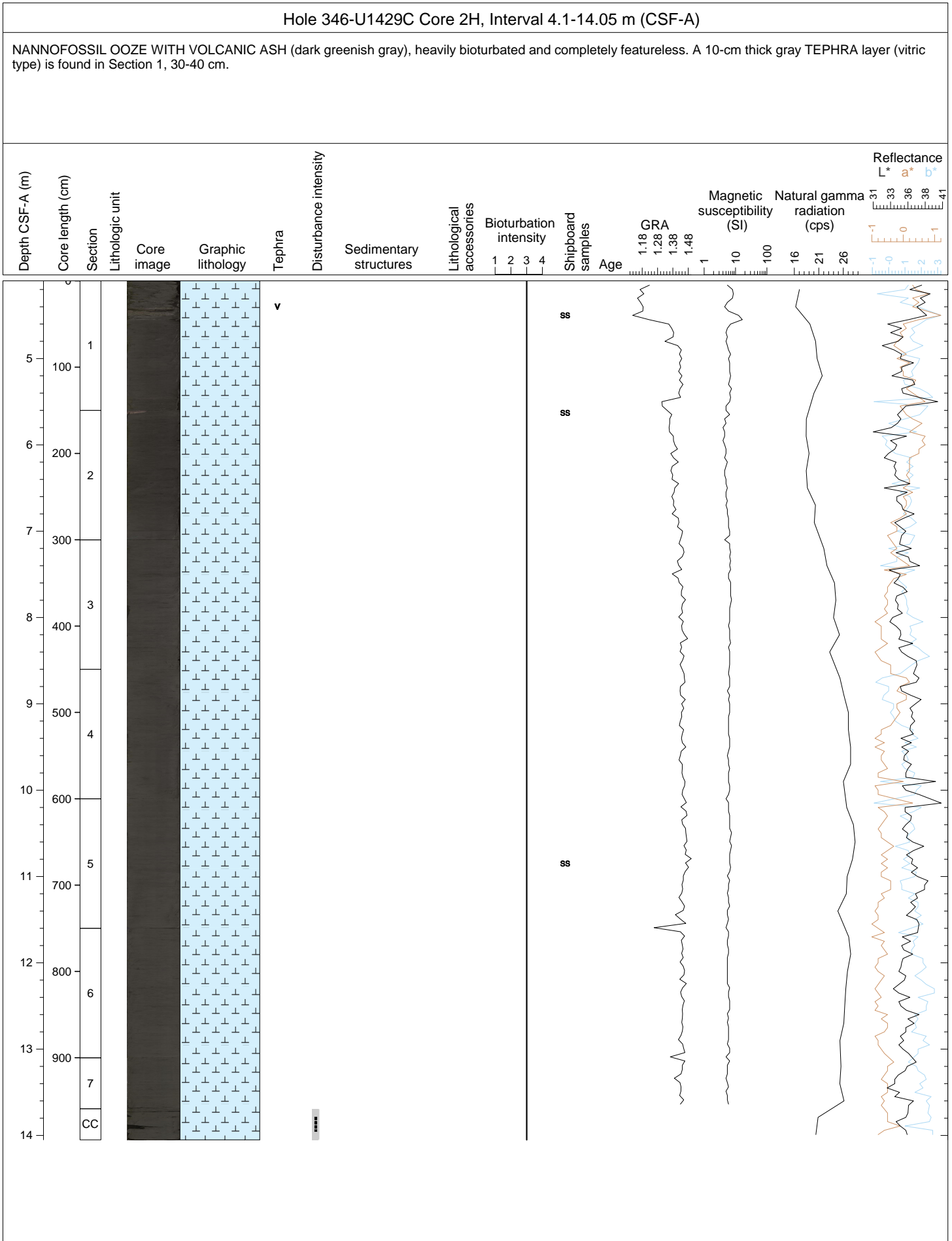


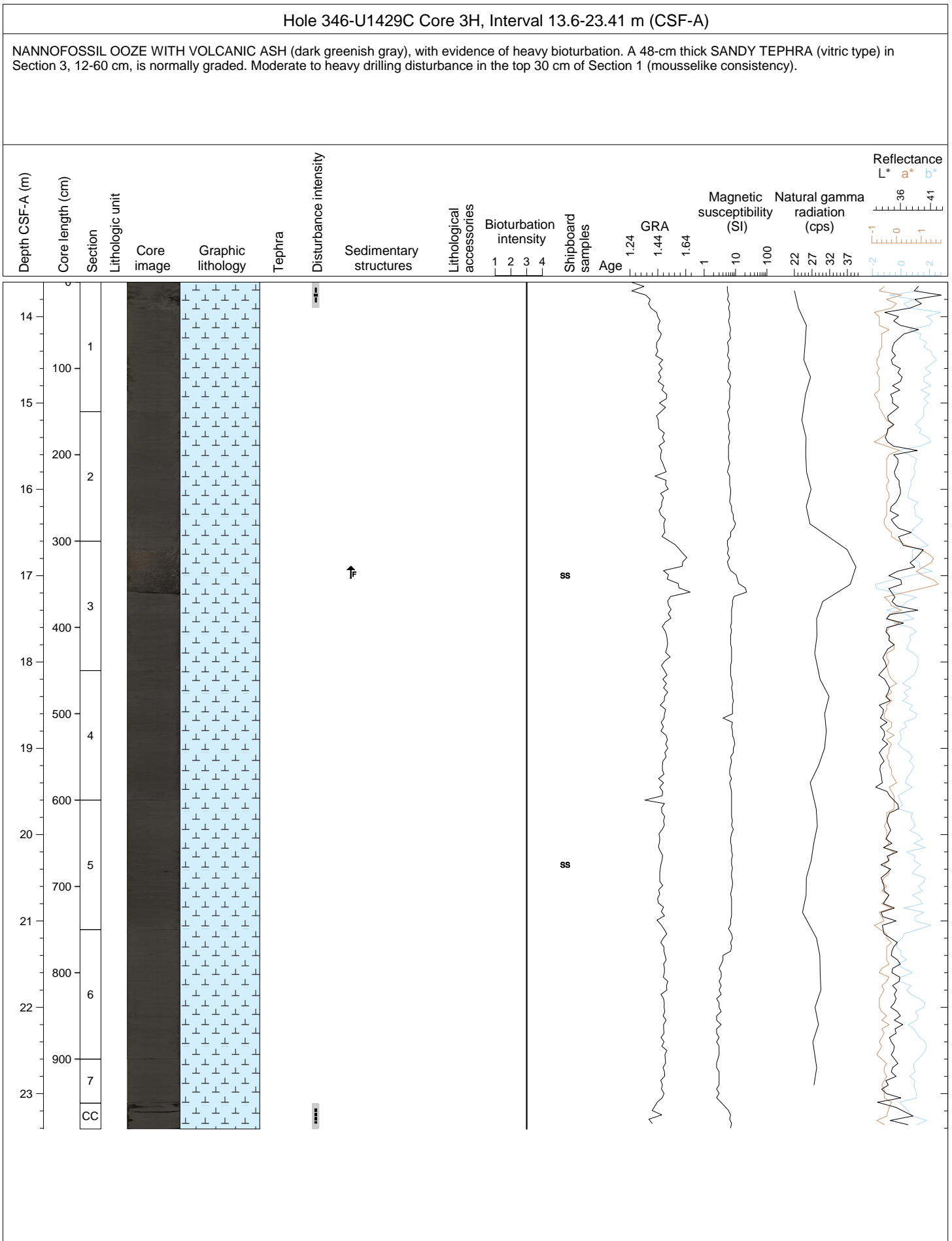
Hole 346-U1429B Core 22H, Interval 179.0-186.22 m (CSF-A)

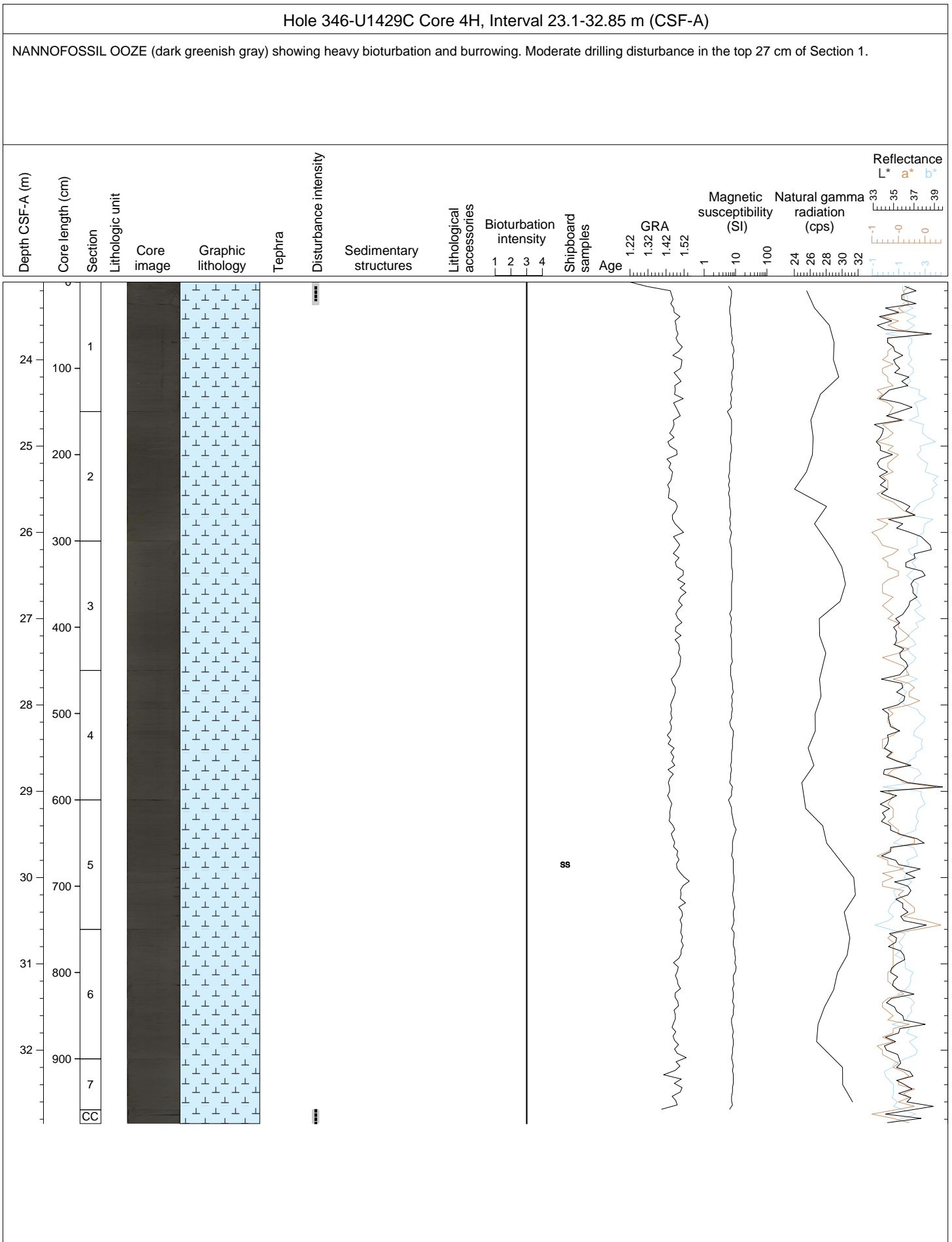
NANNOFOSSIL OOZE (greenish gray) occupies the top 41 cm of Section 1. The rest of the core is unconsolidated, coarse black SAND (black) which has been sucked-in at the base.





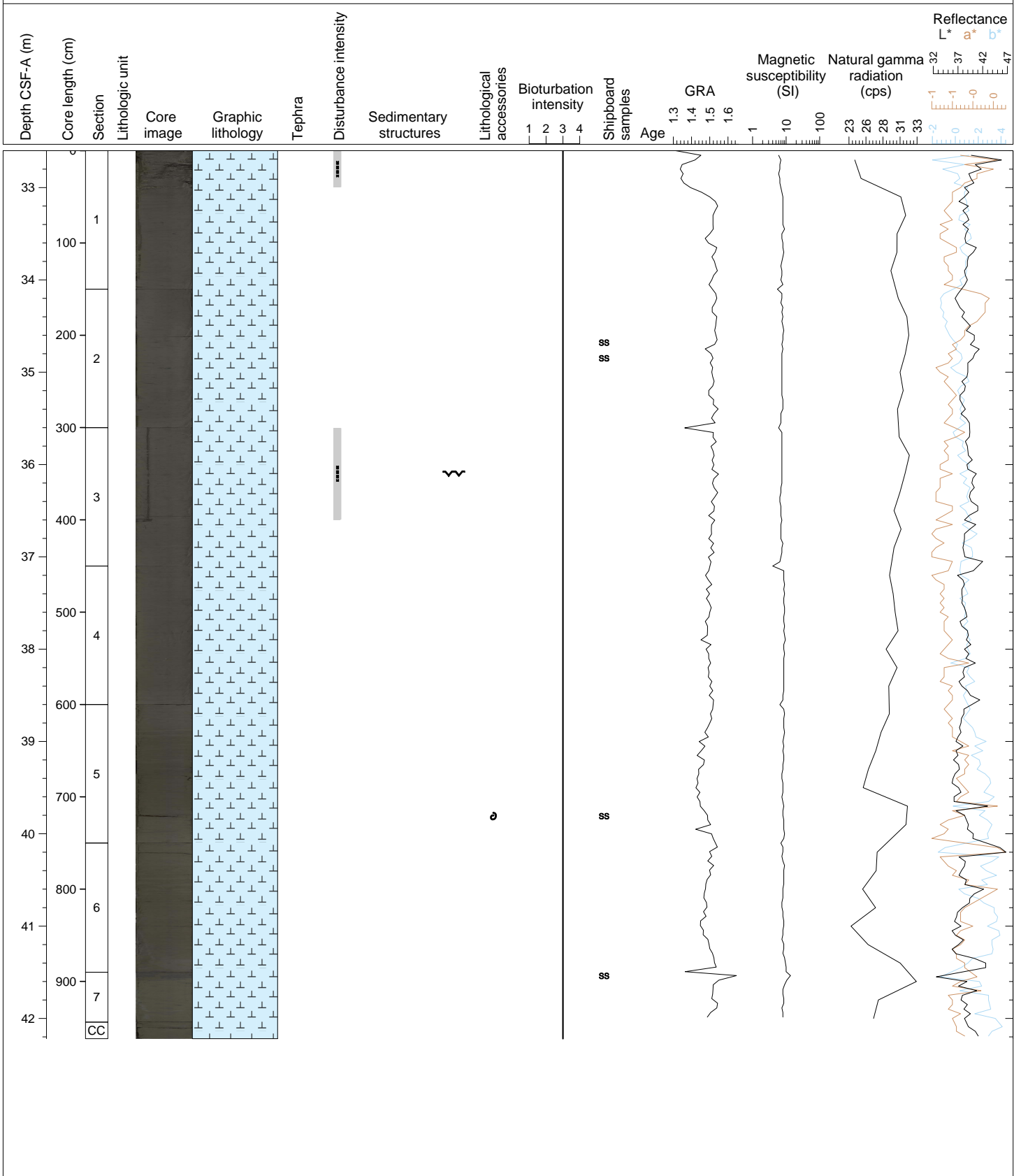






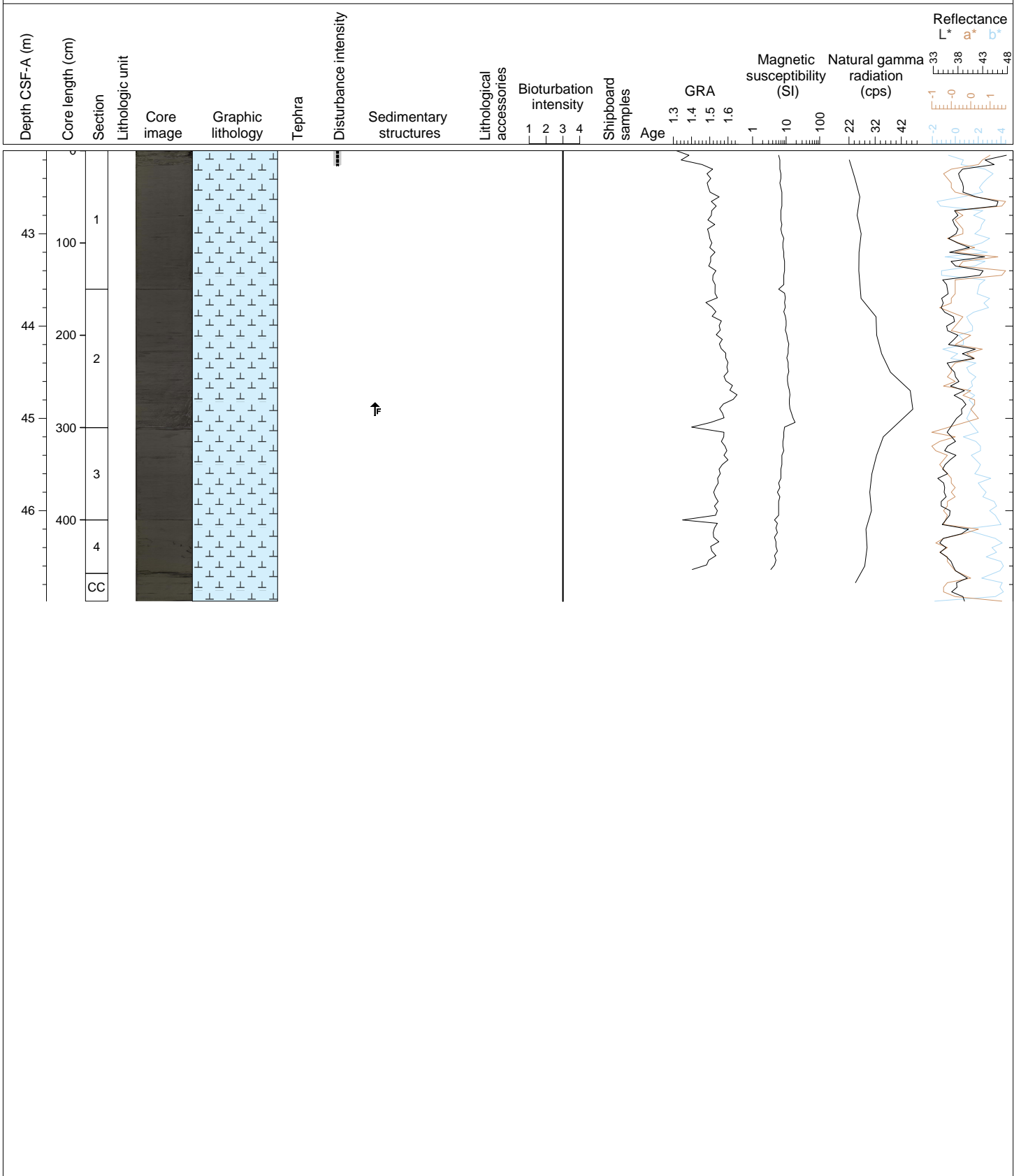
Hole 346-U1429C Core 5H, Interval 32.6-42.22 m (CSF-A)

NANNOFOSSIL OOZE (dark greenish gray) with heavy bioturbation and burrowing. Pyrite and dolomite are important accessory minerals in Section 7, especially in the top 4 cm. Moderate drilling disturbance in the top 27 cm of Section 1. A small piece of woody material is visible in Section 5, 120-122 cm.



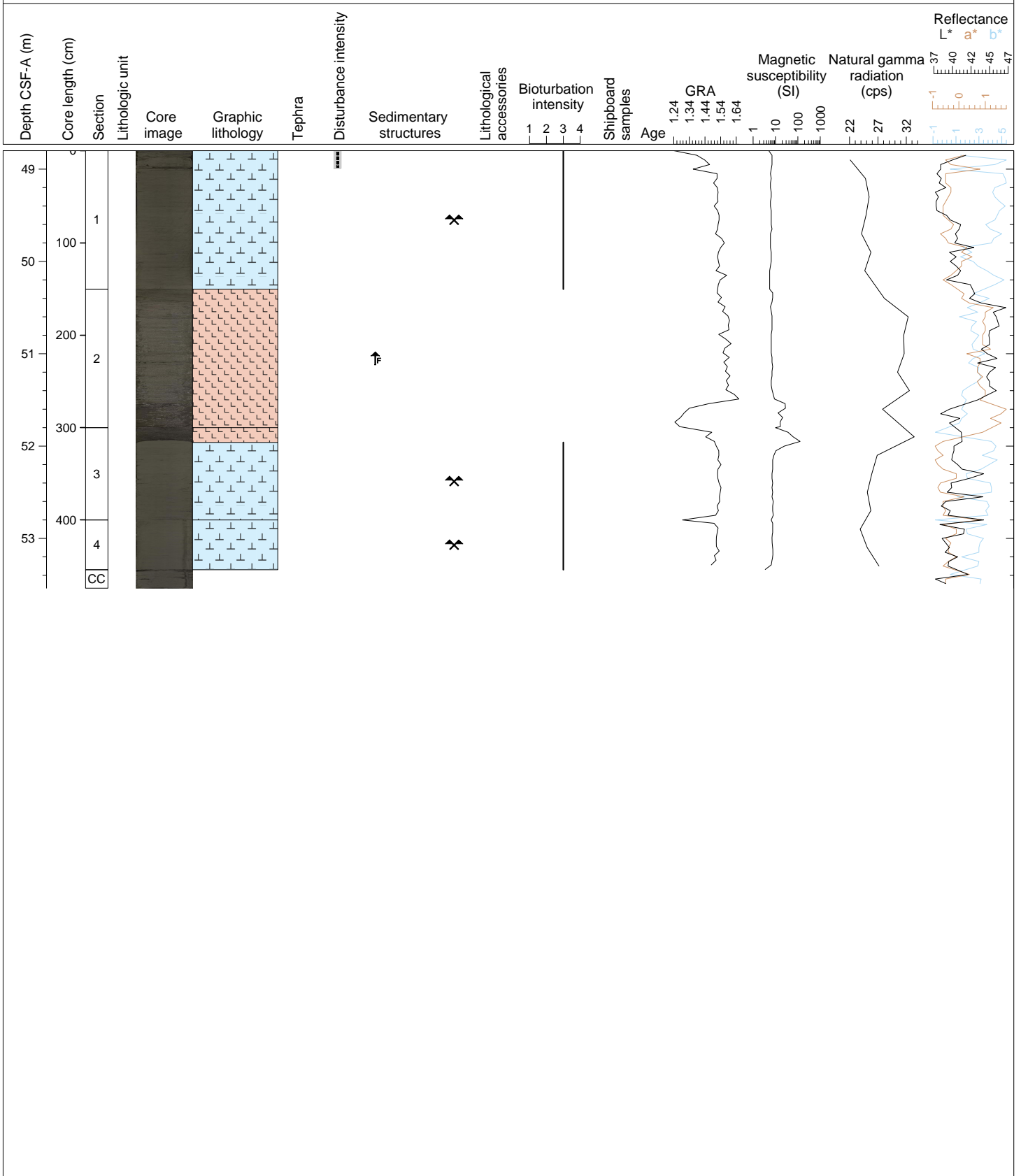
Hole 346-U1429C Core 6H, Interval 42.1-46.98 m (CSF-A)

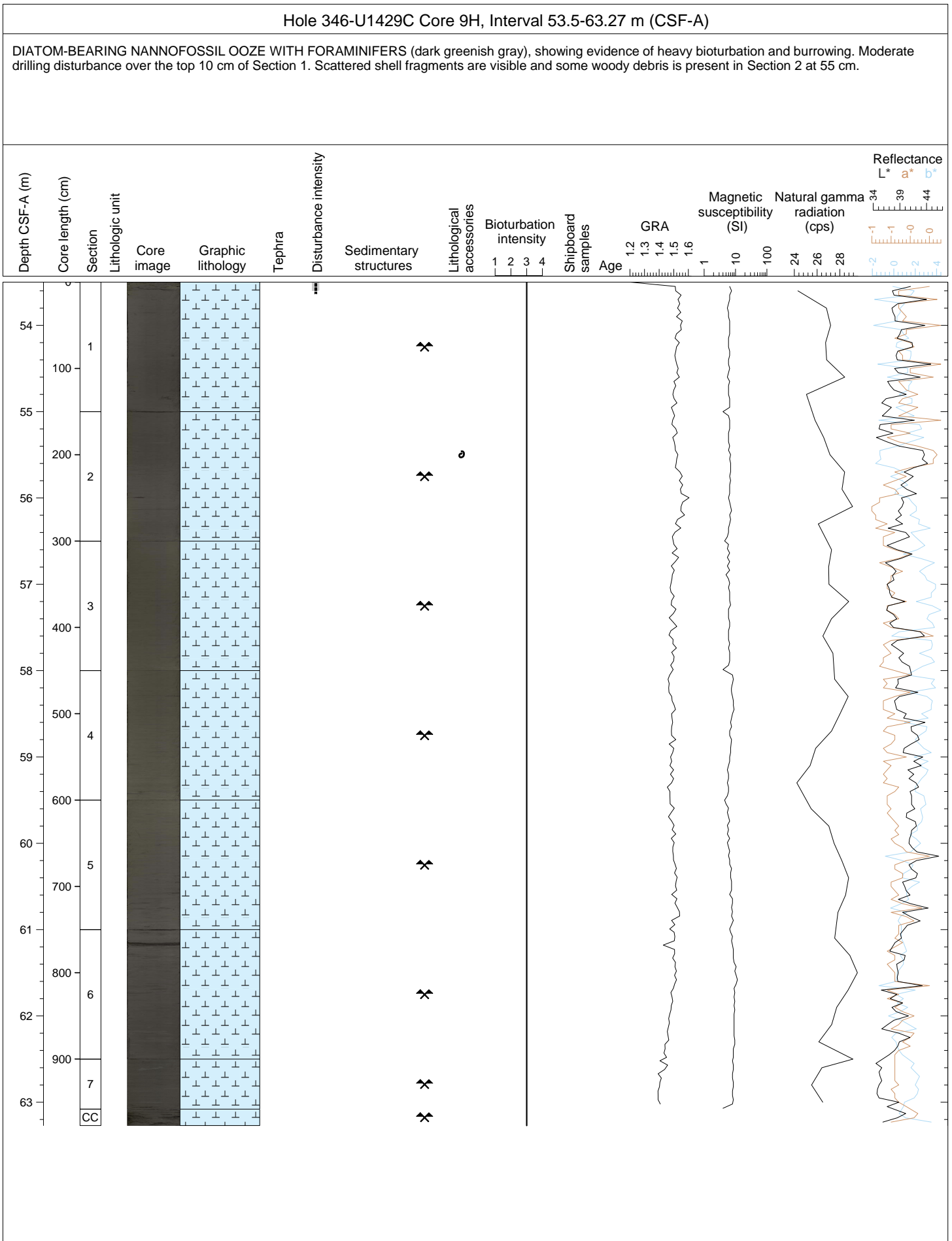
DIATOM-BEARING NANNOFOSSIL OOZE WITH FORAMINIFERS (dark greenish gray), showing evidence of heavy bioturbation and burrowing. Moderate drilling disturbance in the top 16 cm of Section 1 (soupy texture). A gray SANDY TEPHRA located in Section 2, 110-150 cm, shows normal grading with a sharp base.



Hole 346-U1429C Core 8H, Interval 48.8-53.54 m (CSF-A)

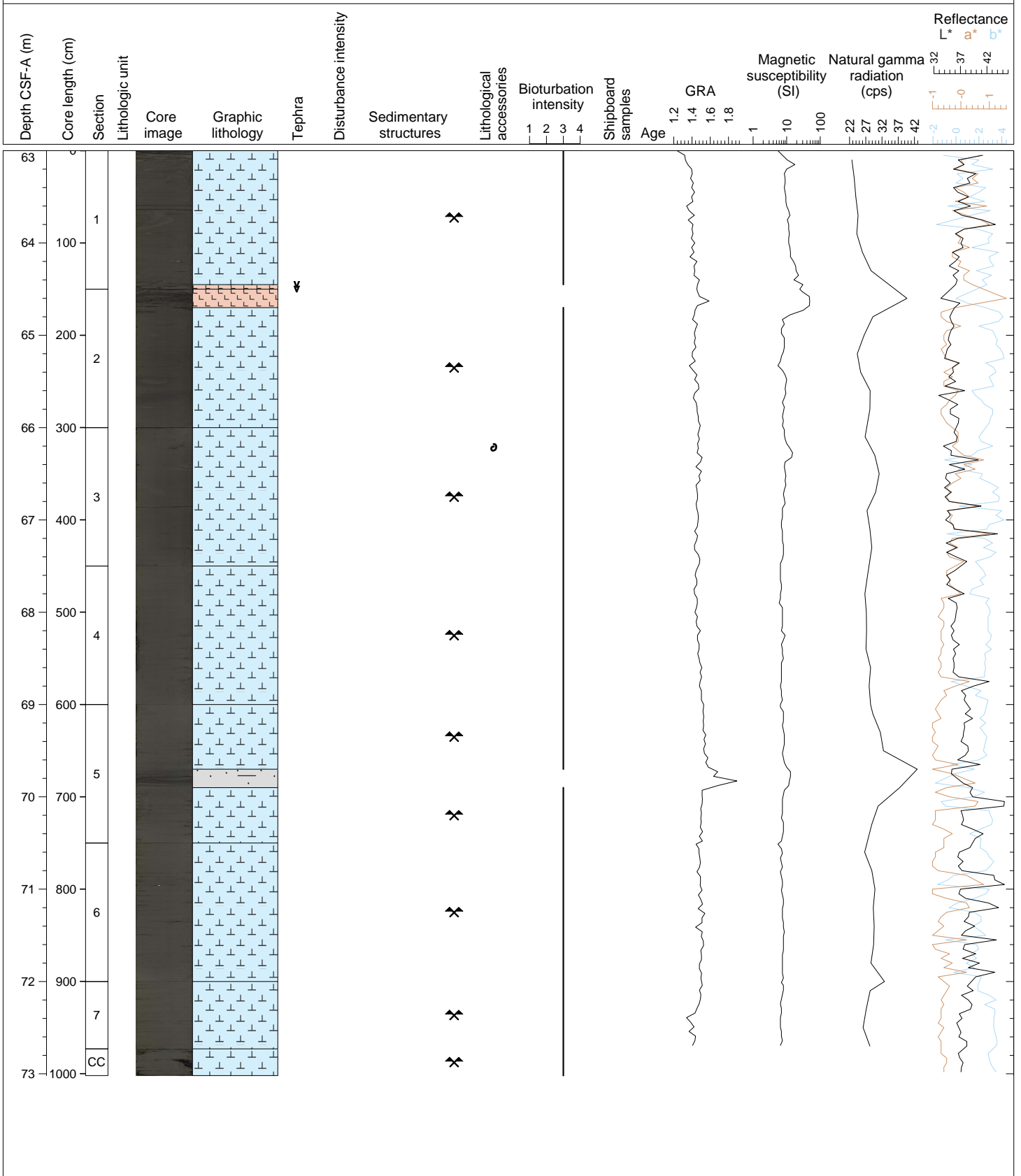
DIATOM-BEARING NANNOFOSSIL OOZE WITH FORAMINIFERS (dark greenish gray), showing evidence of heavy bioturbation and burrowing. Moderate drilling disturbance in the top 20 cm of Section 1. A thick unconsolidated TEPHRA (gray) showing normal grading spans the interval from the top of Section 2 through Section 3, 16 cm.

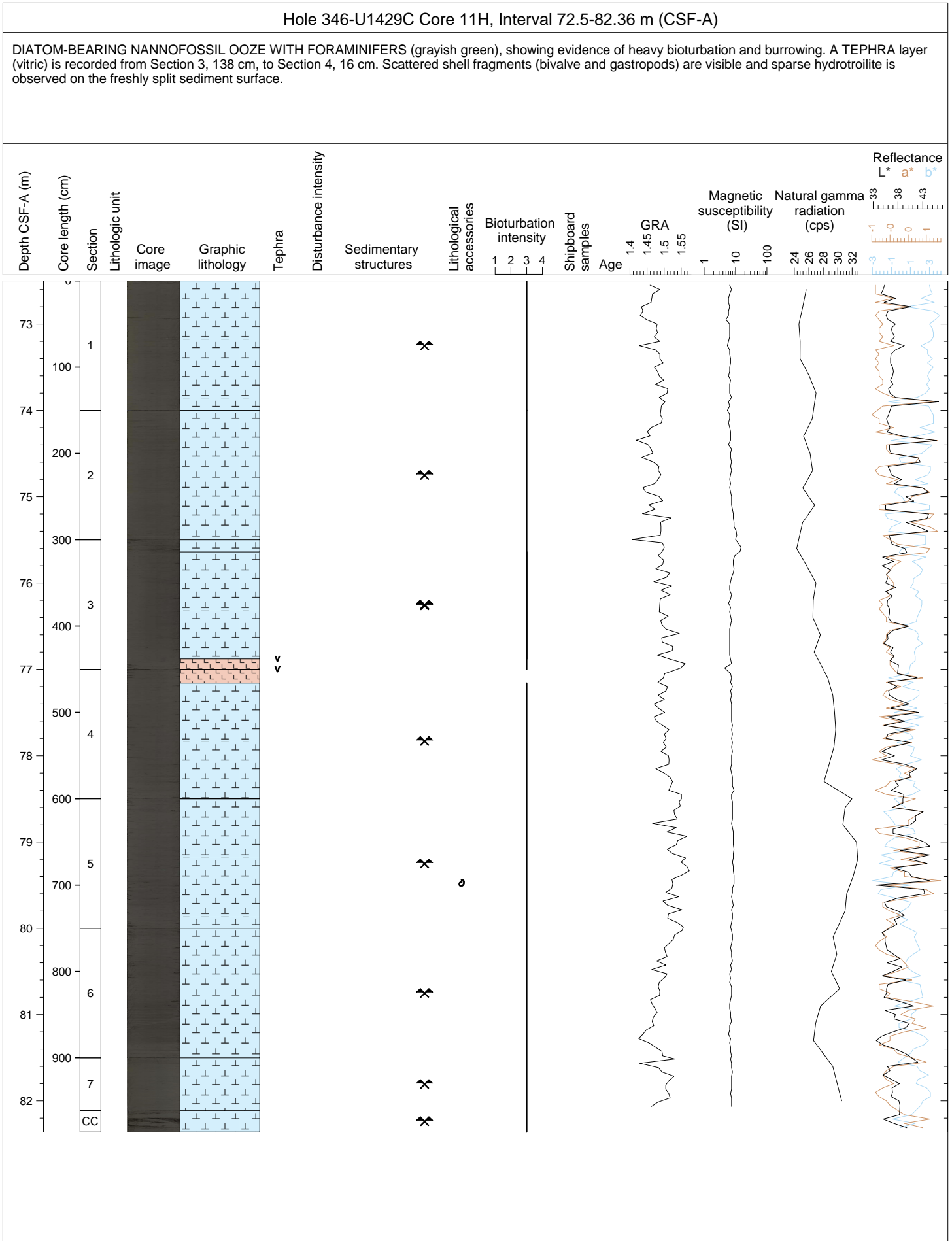


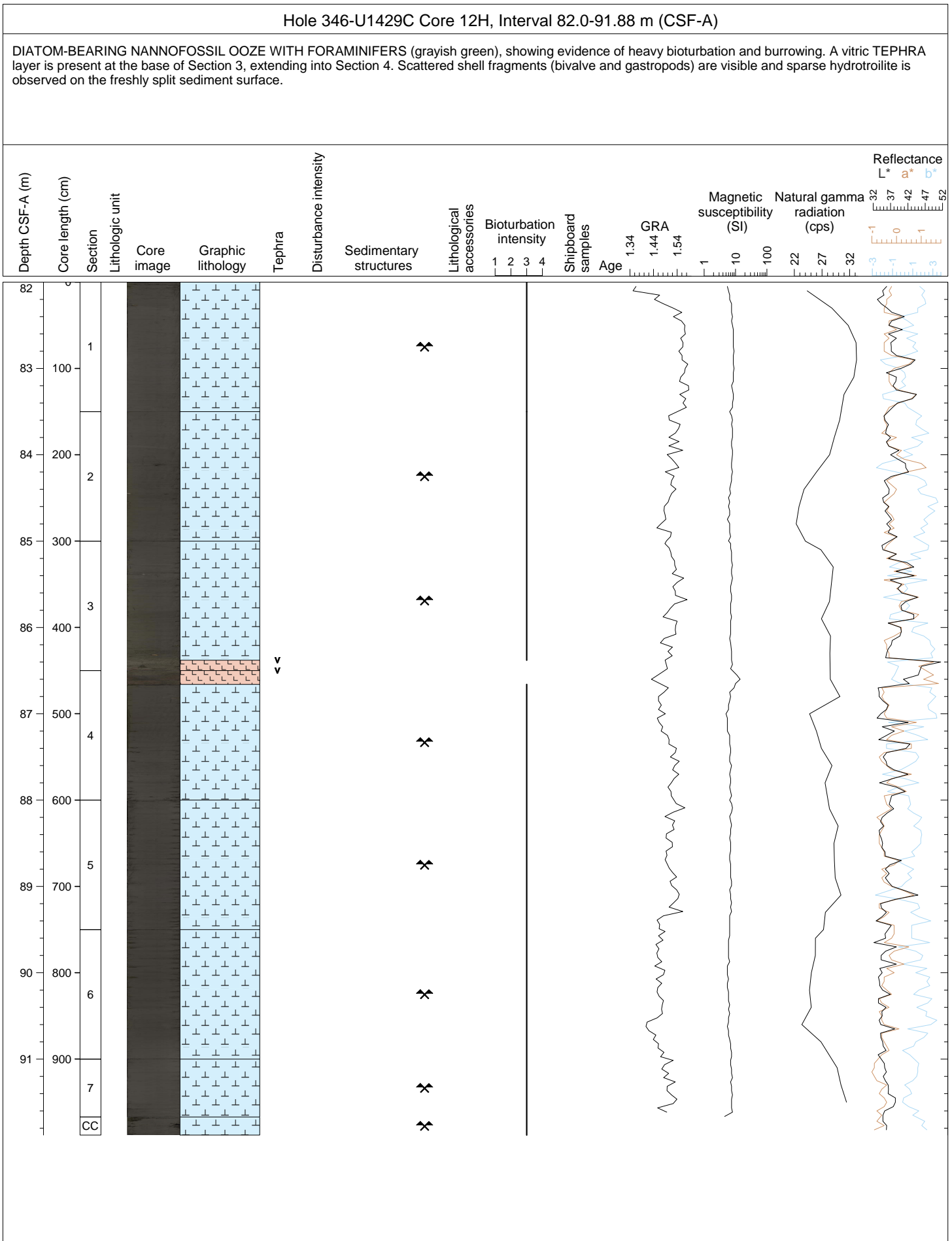


Hole 346-U1429C Core 10H, Interval 63.0-73.02 m (CSF-A)

DIATOM-BEARING NANNOFOSSIL OOZE WITH FORAMINIFERS (grayish green), showing evidence of heavy bioturbation and burrowing. Scattered shell fragments (bivalve and gastropods) are present. A disturbed vitric TEPHRA layer occupies the bottom of Section 1 (145-150 cm) and Section 2 down to 20 cm. A dark gray, bedded SANDY CLAY with some biogenic components is observed in Section 5, 70-90 cm. Scattered hydrotrillite is present on the freshly split sediment surface.

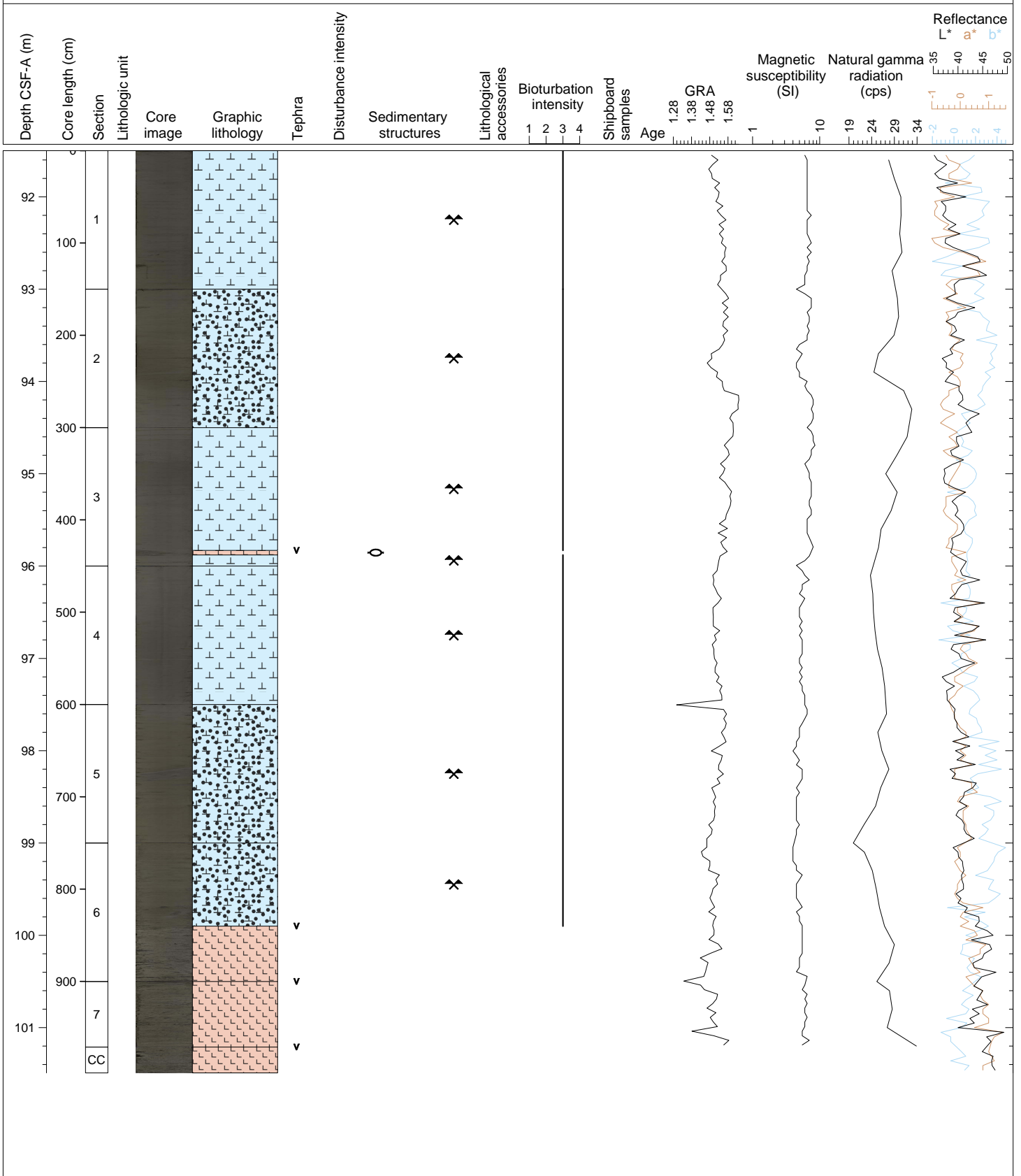


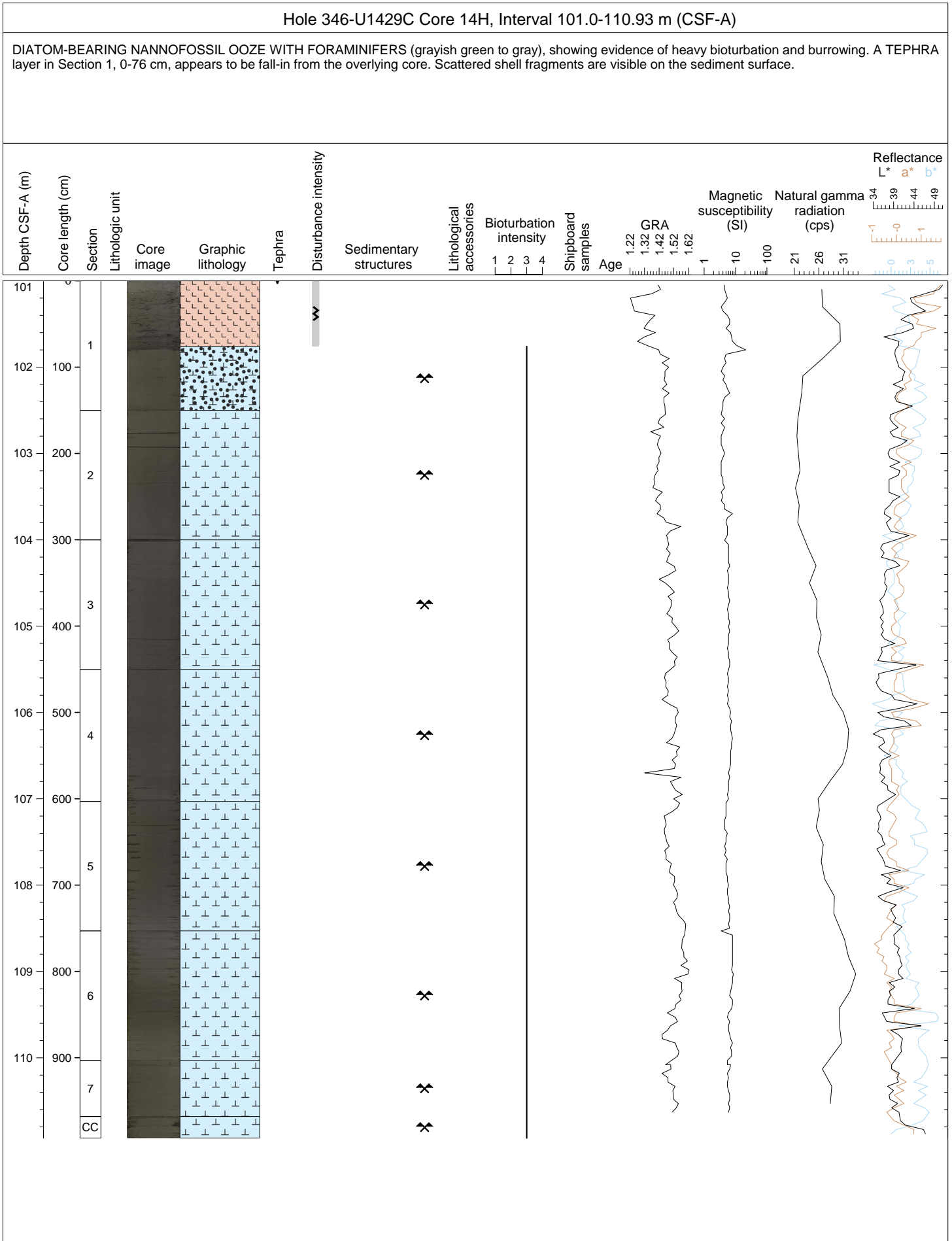




Hole 346-U1429C Core 13H, Interval 91.5-101.49 m (CSF-A)

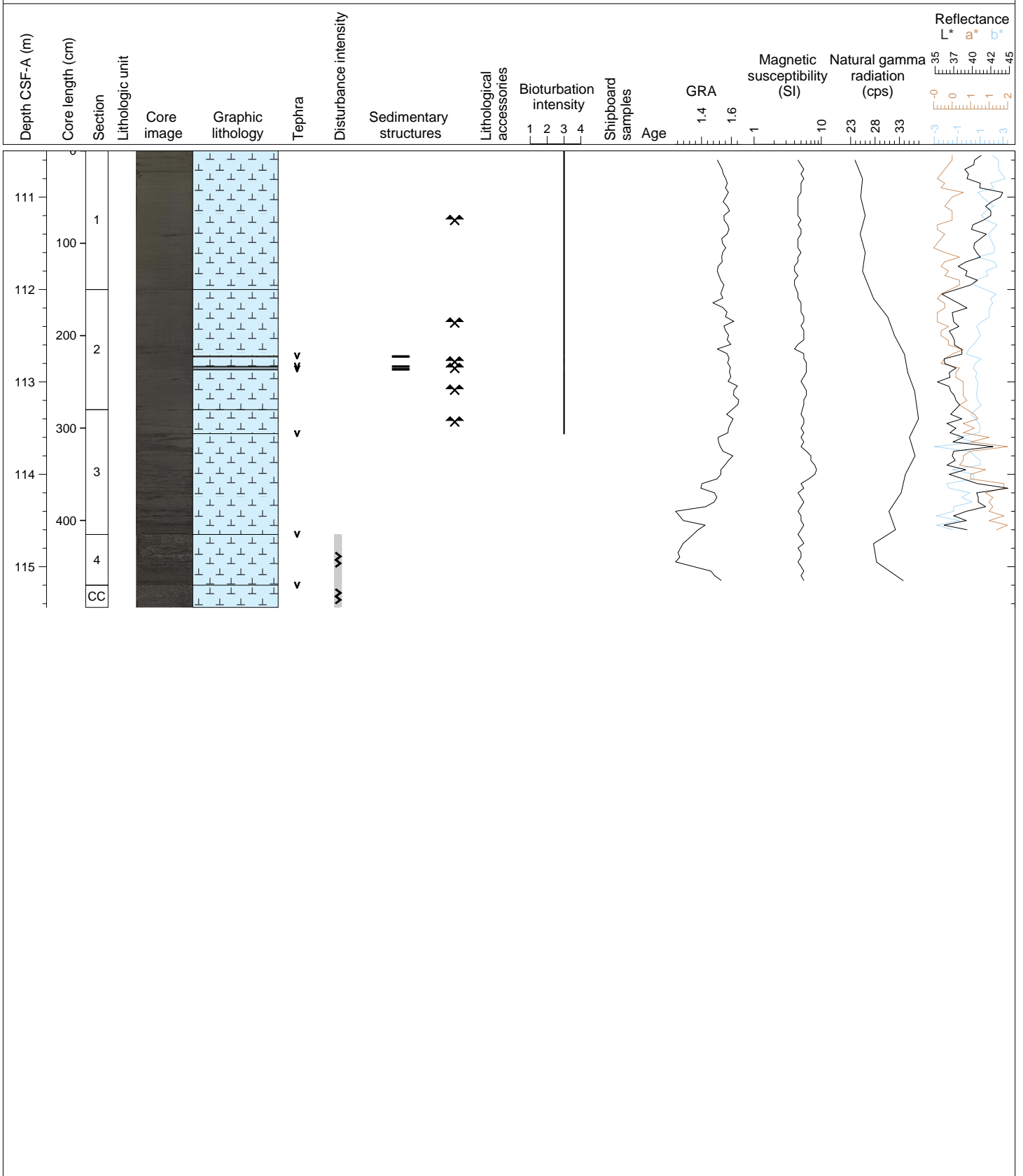
DIATOM-BEARING NANNOFOSSIL OOZE WITH FORAMINIFERS interbedded with SANDY NANNOFOSSIL OOZE WITH BIOGENIC COMPONENTS (grayish green), showing evidence of heavy bioturbation and burrowing. A poorly consolidated TEPHRA (vitric) fills the bottom of the core from Section 6, 90 cm, to the base of the CC. A thin TEPHRA layer is also observed in Section 3, 133-138 cm. Scattered shell fragments (bivalve and gastropods) are visible and sparse hydrotroilite is observed on the freshly split sediment surface.





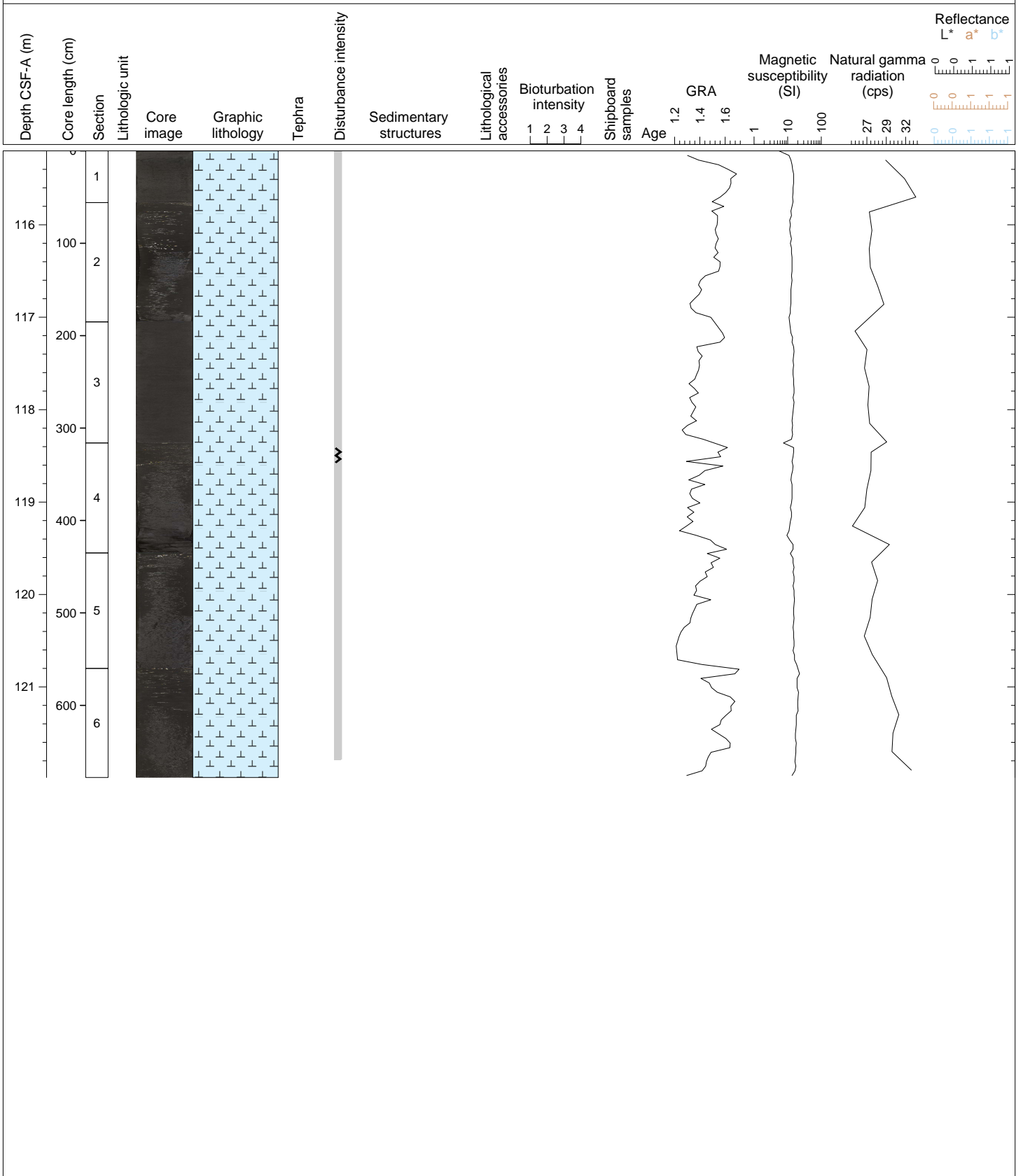
Hole 346-U1429C Core 15H, Interval 110.5-115.44 m (CSF-A)

DIATOM-BEARING NANNOFOSSIL OOZE WITH FORAMINIFERS (gray), showing evidence of heavy bioturbation and burrowing. Multiple thin interbedded vitric TEPHRA layers in Sections 2 and 3 with exception of a thick layer that extends from Section 3, 26 cm, to the base of the CC. Scattered shell fragments are visible on the sediment surface.



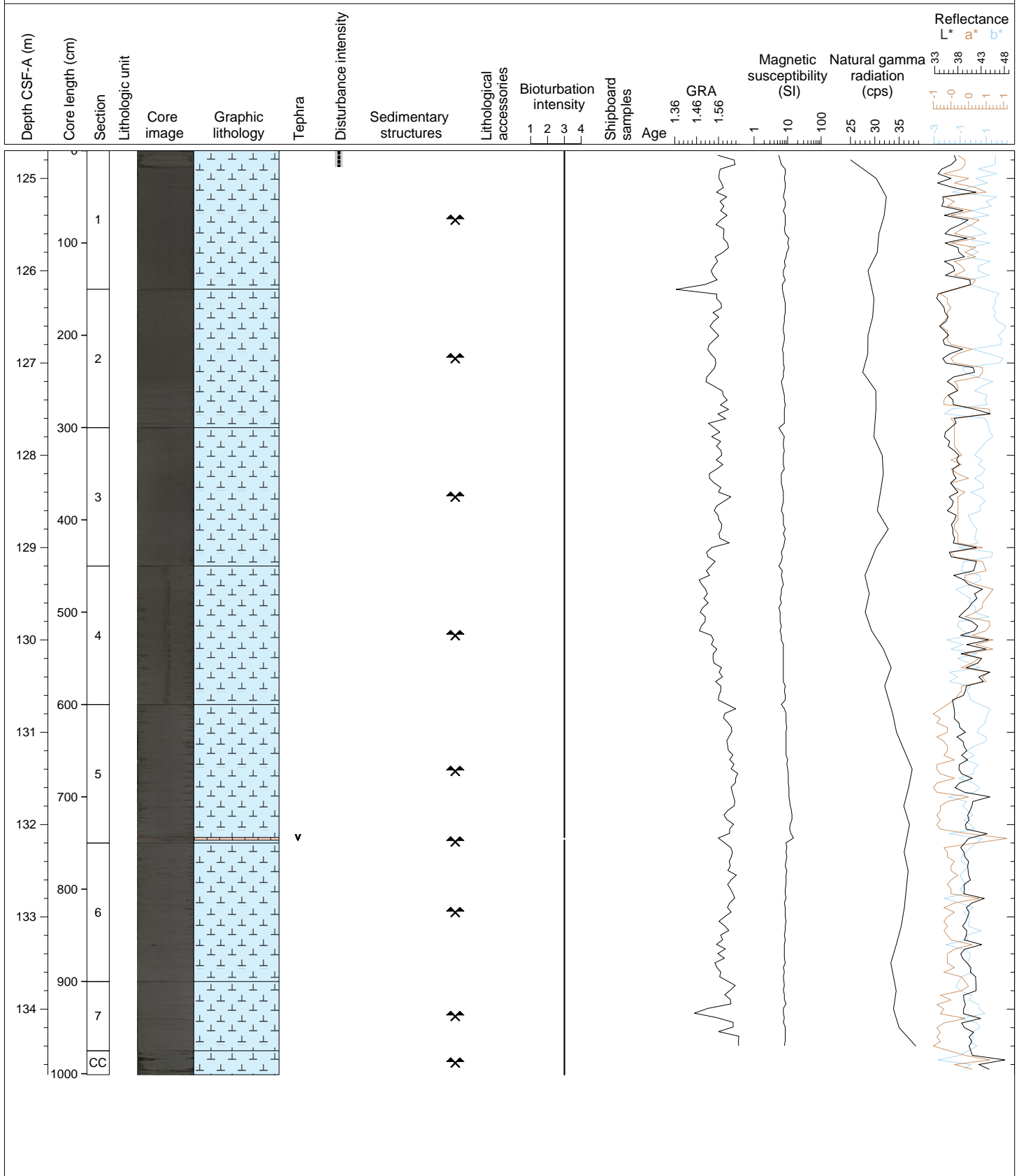
Hole 346-U1429C Core 16H, Interval 115.2-121.98 m (CSF-A)

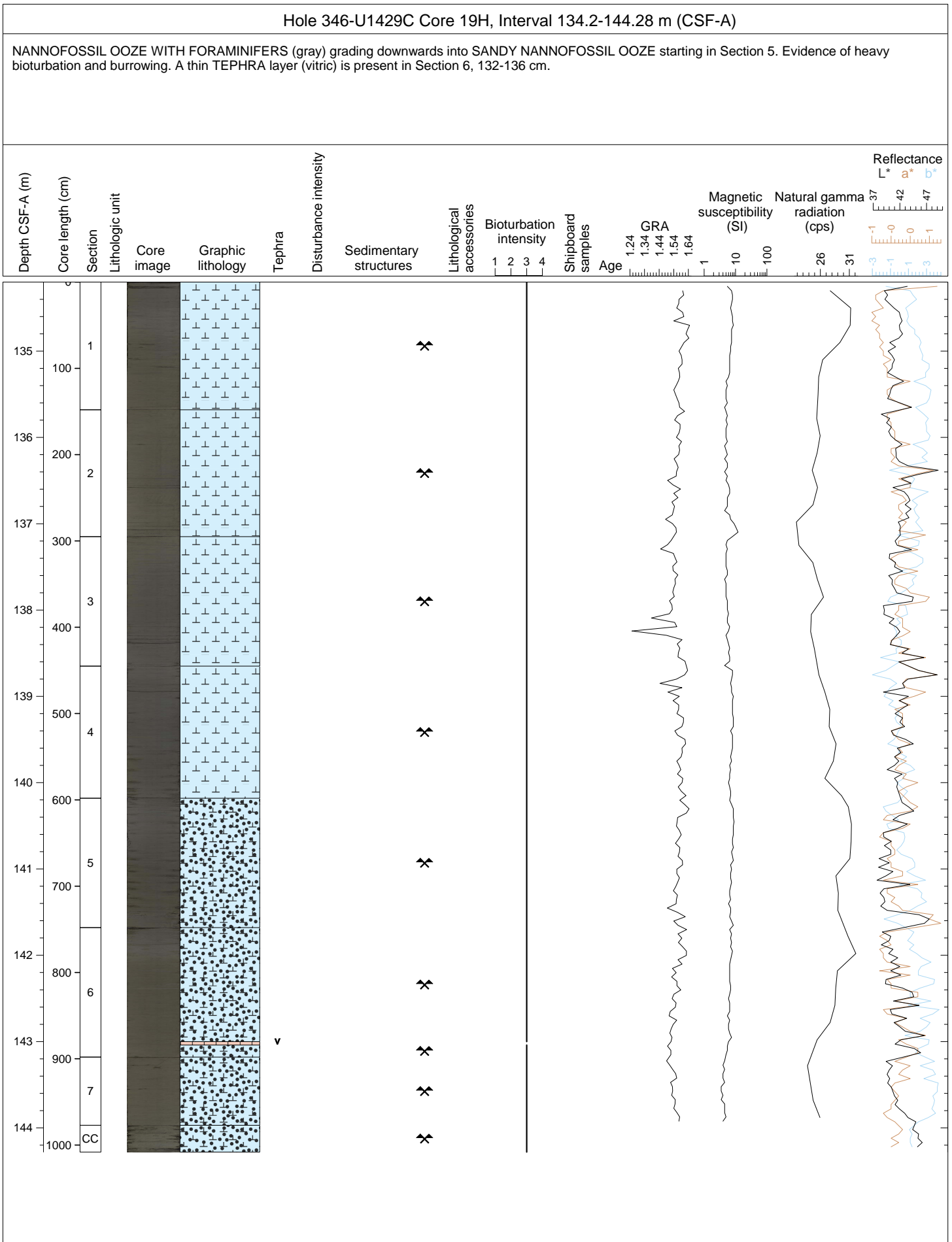
Entire core consists of a poorly consolidated vitric TEPHRA that looks to be sucked in from the base.

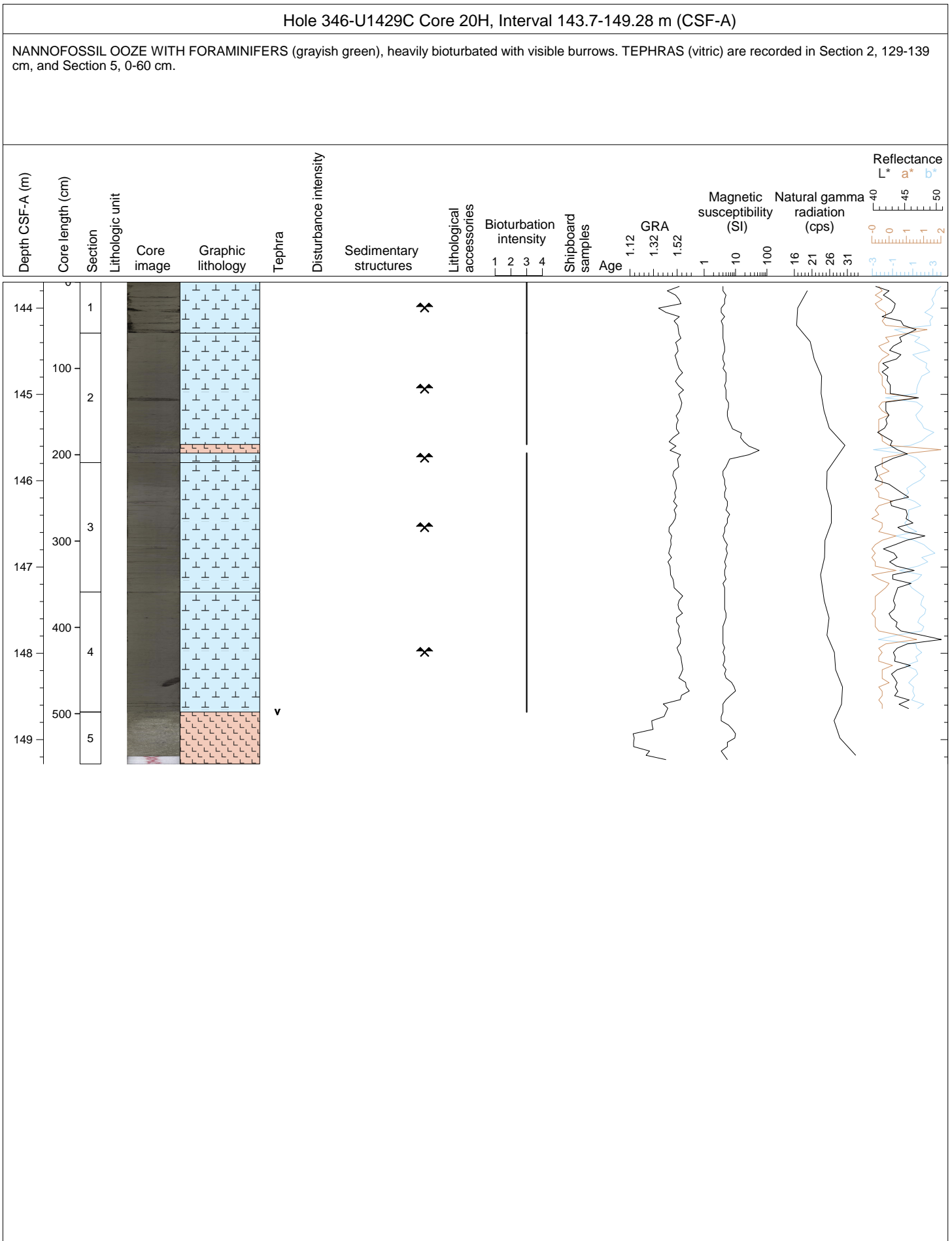


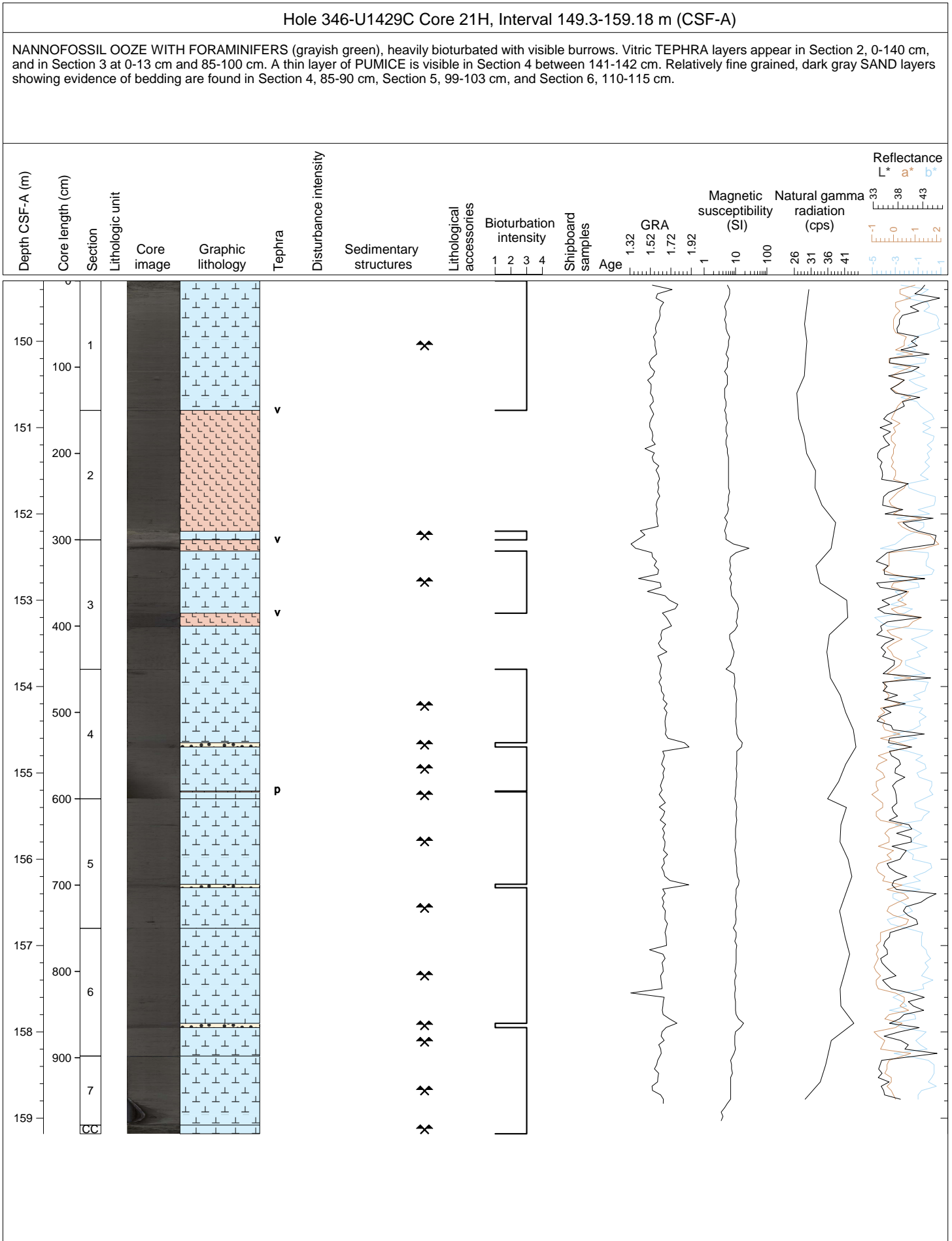
Hole 346-U1429C Core 18H, Interval 124.7-134.71 m (CSF-A)

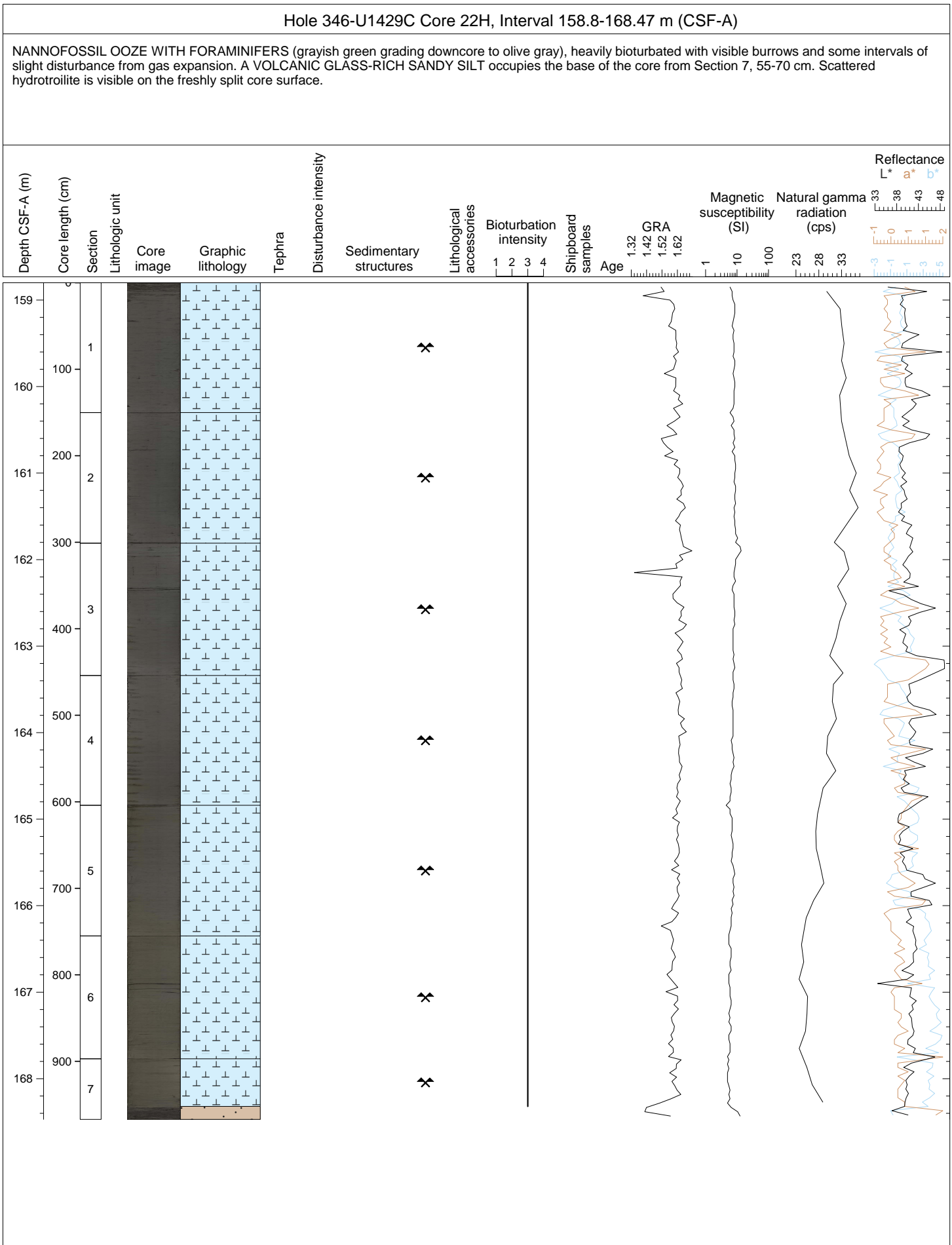
DIATOM-BEARING NANNOFOSSIL OOZE WITH FORAMINIFERS (gray), showing evidence of heavy bioturbation and burrowing. A thin vitric TEPHRA is present in Section 5, 144-147 cm. Scattered shell fragments are visible and sparse hydrotrilite is present on the freshly split sediment surface.

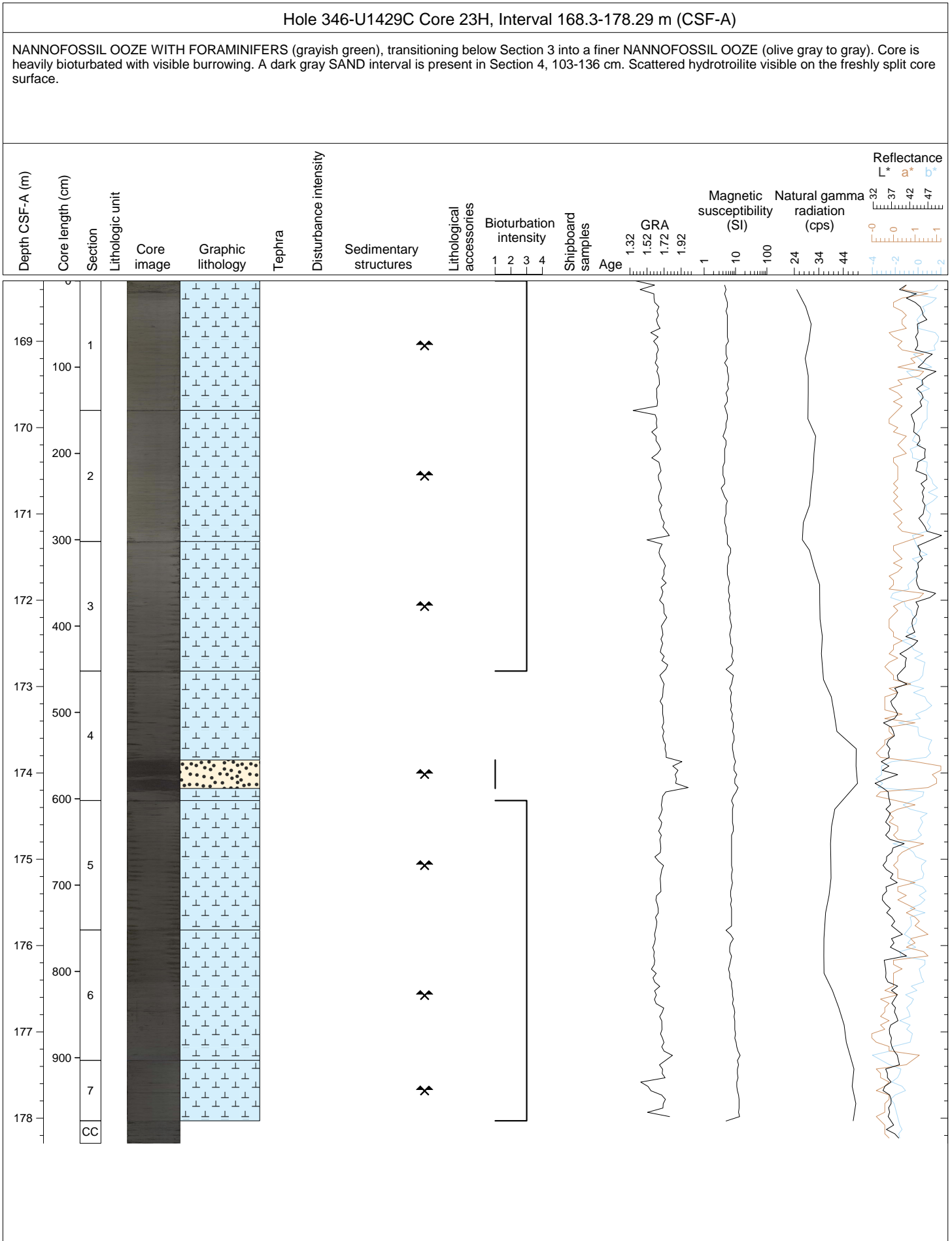






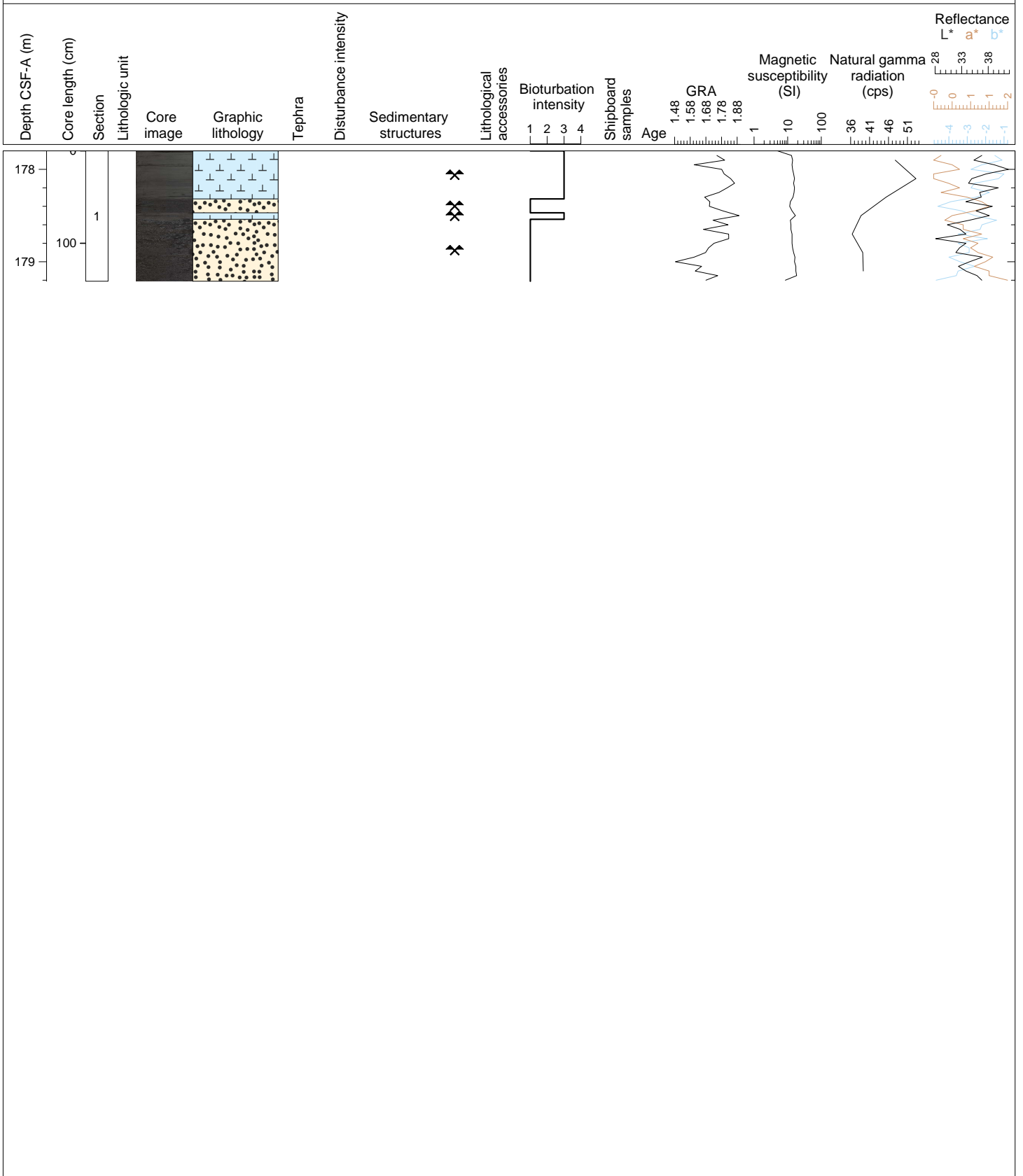






Hole 346-U1429C Core 24H, Interval 177.8-179.21 m (CSF-A)

NANNOFOSSIL OOZE (gray) interbedded with dark gray, coarse SAND that resulted in poor recovery here at the base of the hole.



Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliclastic [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Quartz abundance (name)	Clay minerals abundance (name)	Pyrite, authigenic abundance (name)	Opagues abundance (name)	Calcite, authigenic abundance (name)	Dolomite, authigenic abundance (name)	Vitric grain abundance (name)	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Planktonic foraminifers abundance (name)
346-U1429A-1H-4-A 50/50-SED	5	5		10	90		10	70	20	100	R [A85]							C [A85]	A [A85]	Tr [A85]	C [A85]	Tr [A85]	C [A85]	C [A85]
346-U1429A-2H-3-A 75/75-SED	10.15	10.15		10	90		10	80	10	100	R [A85]						R [A85]	C [A85]	A [A85]		C [A85]	Tr [A85]	C [A85]	C [A85]
346-U1429A-3H-4-A 75/75-SED	21.15	21.15		5	95		10	80	10	100	R [A85]						R [A85]	C [A85]	A [A85]		C [A85]	R [A85]	C [A85]	C [A85]
346-U1429A-4H-4-A 75/75-SED	30.65	30.65		5	95		10	80	10	100	R [A85]	R [A85]	R [A85]					C [A85]	A [A85]	Tr [A85]	C [A85]	R [A85]	C [A85]	C [A85]
346-U1429A-5H-6-A 70/70-SED	43.1	43.1		15	85		10	80	10	100	R [A85]		R [A85]				R [A85]	C [A85]	A [A85]		C [A85]	R [A85]	C [A85]	C [A85]
346-U1429A-7H-5-A 75/75-SED	58.35	58.35		20	80		15	75	10	100	C [A85]		R [A85]				R [A85]	C [A85]	A [A85]	R [A85]	C [A85]	C [A85]	C [A85]	C [A85]
346-U1429A-8H-5-A 75/75-SED	67.81	67.81		10	90		10	80	10	100	R [A85]							C [A85]	A [A85]	R [A85]	C [A85]	R [A85]	C [A85]	C [A85]
346-U1429A-10H-4-A 75/75-SED	85.35	85.35		10	90		10	80	10	100	R [A85]						R [A85]	C [A85]	A [A85]	A [A85]	C [A85]	C [A85]		C [A85]
346-U1429A-11H-7-A 50/50-SED	99.11	99.11		10	90		10	80	10	100	R [A85]						R [A85]	C [A85]	A [A85]		A [A85]	C [A85]	C [A85]	C [A85]
346-U1429A-12H-1-A 75/75-SED	99.85	99.85				60		40		100	Tr [A85]		R [A85]			Tr [A85]	A [A85]	Tr [A85]	A [A85]					Tr [A85]
346-U1429A-12H-2-A 75/75-SED	101.35	101.35	40	20	40												D [A85]		C [A85]					
346-U1429A-12H-3-A 75/75-SED	102.85	102.85		60	40		10	70	20	100	R [A85]		R [A85]			R [A85]	R [A85]	R [A85]	A [A85]	R [A85]	C [A85]			R [A85]
346-U1429A-12H-5-A 75/75-SED	105.85	105.85		70	30		20	70	10	100	C [A85]		R [A85]			C [A85]	R [A85]	Tr [A85]	A [A85]		C [A85]	R [A85]		Tr [A85]
346-U1429A-12H-6-A 120/120-SED	107.75	107.75									R [A85]		C [A85]			R [A85]	R [A85]	R [A85]	A [A85]		A [A85]	R [A85]		R [A85]
346-U1429A-13H-2-A 75/75-SED	110.85	110.85				5	10	80	5	100	R [A85]		R [A85]	R [A85]			R [A85]	Tr [A85]	D [A85]		R [A85]			Tr [A85]
346-U1429A-13H-4-A 75/75-SED	113.83	113.83	80	20		60	10	30		100	C [A85]		R [A85]				A [A85]		A [A85]		Tr [A85]			
346-U1429A-15H-2-A 75/75-SED	120.35	120.35					10	70	20	100	R [A85]		R [A85]			R [A85]	R [A85]	R [A85]	A [A85]		C [A85]			R [A85]
346-U1429A-15H-5-A 75/75-SED	124.85	124.85		80	20	5	20	60	15	100	C [A85]		R [A85]				R [A85]	Tr [A85]	A [A85]		C [A85]		R [A85]	Tr [A85]
346-U1429A-16H-2-A 75/75-SED	129.86	129.86		80	20	5	20	70	5	100	C [A85]		Tr [A85]			C [A85]	R [A85]	Tr [A85]	A [A85]		R [A85]		R [A85]	Tr [A85]
346-U1429A-16H-5-A 75/75-SED	134.32	134.32		80	20	10	20	70		100	C [A85]		R [A85]			R [A85]	C [A85]		A [A85]		Tr [A85]			
346-U1429A-17H-2-A 75/75-SED	139.33	139.33				5	10	80	5	100	R [A85]		Tr [A85]			R [A85]	R [A85]	R [A85]	D [A85]		R [A85]			R [A85]
346-U1429A-17H-5-A 75/75-SED	143.8	143.8				10	10	80		100	R [A85]		R [A85]			R [A85]	C [A85]	R [A85]	D [A85]		Tr [A85]			R [A85]
346-U1429A-18H-2-A 75/75-SED	148.85	148.85	50	50		40		60		100	Tr [A85]		Tr [A85]				A [A85]		A [A85]					
346-U1429A-18H-3-A 30/30-SED	149.55	149.55	30	60	10	90		10		100							D [A85]		C [A85]					
346-U1429A-18H-5-A 60/60-SED	152.48	152.48					10	70	20	100						R [A85]	R [A85]	Tr [A85]	A [A85]		C [A85]		Tr [A85]	Tr [A85]
346-U1429A-18H-CC-A 10/10-SED	153.56	153.56				90	10			100	R [A85]				Tr [A85]		D [A85]							
346-U1429A-20H-2-A 55/55-SED	158.15	158.15					10	80	10	100	R [A85]		R [A85]			R [A85]	R [A85]	R [A85]	D [A85]		R [A85]			R [A85]
346-U1429A-20H-5-A 75/75-SED	162.83	162.83					5	95		100	R [A85]		Tr [A85]			Tr [A85]	Tr [A85]	Tr [A85]	D [A85]		Tr [A85]			Tr [A85]
346-U1429A-21H-2-A 75/75-SED	167.85	167.85				10		90		100							C [A85]	Tr [A85]	D [A85]					Tr [A85]
346-U1429A-21H-6-A 75/75-SED	173.95	173.95				90	10			100						R [A85]	R [A85]		D [A85]					
346-U1429A-22H-3-A 110/110-SED	179.19	179.19				5		95		100	R [A85]		Tr [A85]			R [A85]	Tr [A85]		D [A85]					
346-U1429A-22H-3-A 75/75-SED	178.84	178.84				5	10	80	5	100	R [A85]		R [A85]			R [A85]	R [A85]		D [A85]		R [A85]			

Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliclastic [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Quartz abundance (name)	Clay minerals abundance (name)	Pyrite, authigenic abundance (name)	Opagues abundance (name)	Calcite, authigenic abundance (name)	Dolomite, authigenic abundance (name)	Vitric grain abundance (name)	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Planktonic foraminifers abundance (name)	
346-U1429B-16H-1-A 40/40-SED	122.4	122.4					10	80	10	100	R [A85]		R [A85]			R [A85]			D [A85]		R [A85]			R [A85]	
346-U1429B-18H-4-A 75/75-SED	146.25	146.25				5		90	5	100	R [A85]		R [A85]			R [A85]	R [A85]			D [A85]		R [A85]			

Sample	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Ash [%]	Siliciclastic [%]	Biogenic carbonate [%]	Biogenic silica [%]	Total composition [%]	Quartz abundance (name)	Clay minerals abundance (name)	Pyrite, authigenic abundance (name)	Opagues abundance (name)	Calcite, authigenic abundance (name)	Dolomite, authigenic abundance (name)	Vitric grain abundance (name)	Foraminifers abundance (name)	Calcareous nannofossils abundance (name)	Radiolarians abundance (name)	Diatoms abundance (name)	Silicoflagellate, ebridian, actiniscidian abundance (name)	Siliceous sponge spicule fragments abundance (name)	Planktonic foraminifers abundance (name)
346-U1429C-2H-5-A 75/75-SED	10.85	10.85				10	10	80		100	R [A85]					C [A85]	C [A85]		D [A85]		R [A85]			
346-U1429C-3H-5-A 75/75-SED	20.35	20.35				10	20	70		100	R [A85]		C [A85]			R [A85]	C [A85]		D [A85]		R [A85]			
346-U1429C-4H-5-A 75/75-SED	29.85	29.85				10	10	80		100	R [A85]		R [A85]			R [A85]	R [A85]	R [A85]	D [A85]		R [A85]		R [A85]	R [A85]
346-U1429C-5H-2-A 75/75-SED	34.85	34.85					10	90		100	R [A85]		R [A85]				Tr [A85]		D [A85]		Tr [A85]		Tr [A85]	
346-U1429C-5H-7-A 4/4-SED	41.54	41.54		80	20		80	20		100	C [A85]		A [A85]			C [A85]			C [A85]					