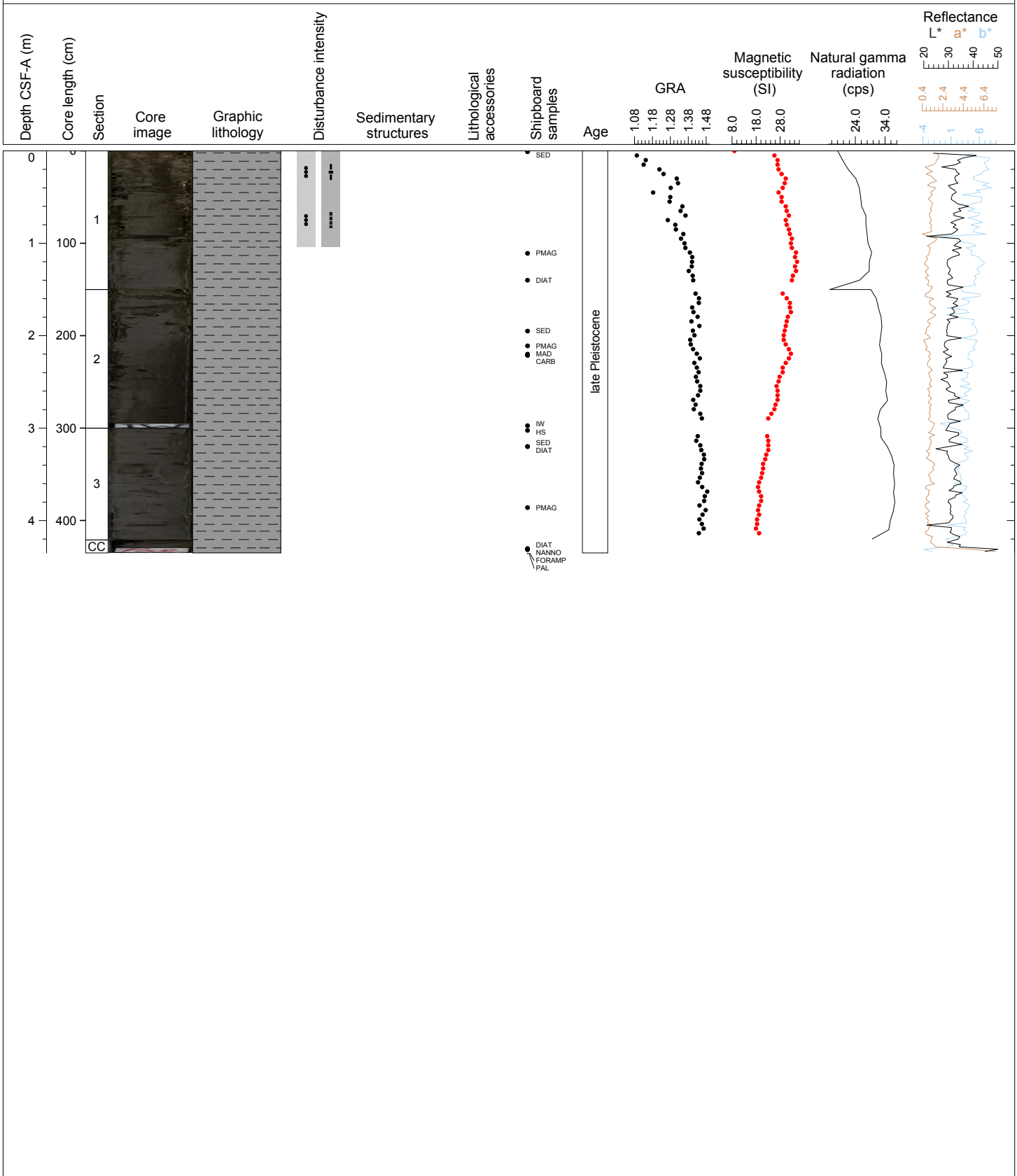


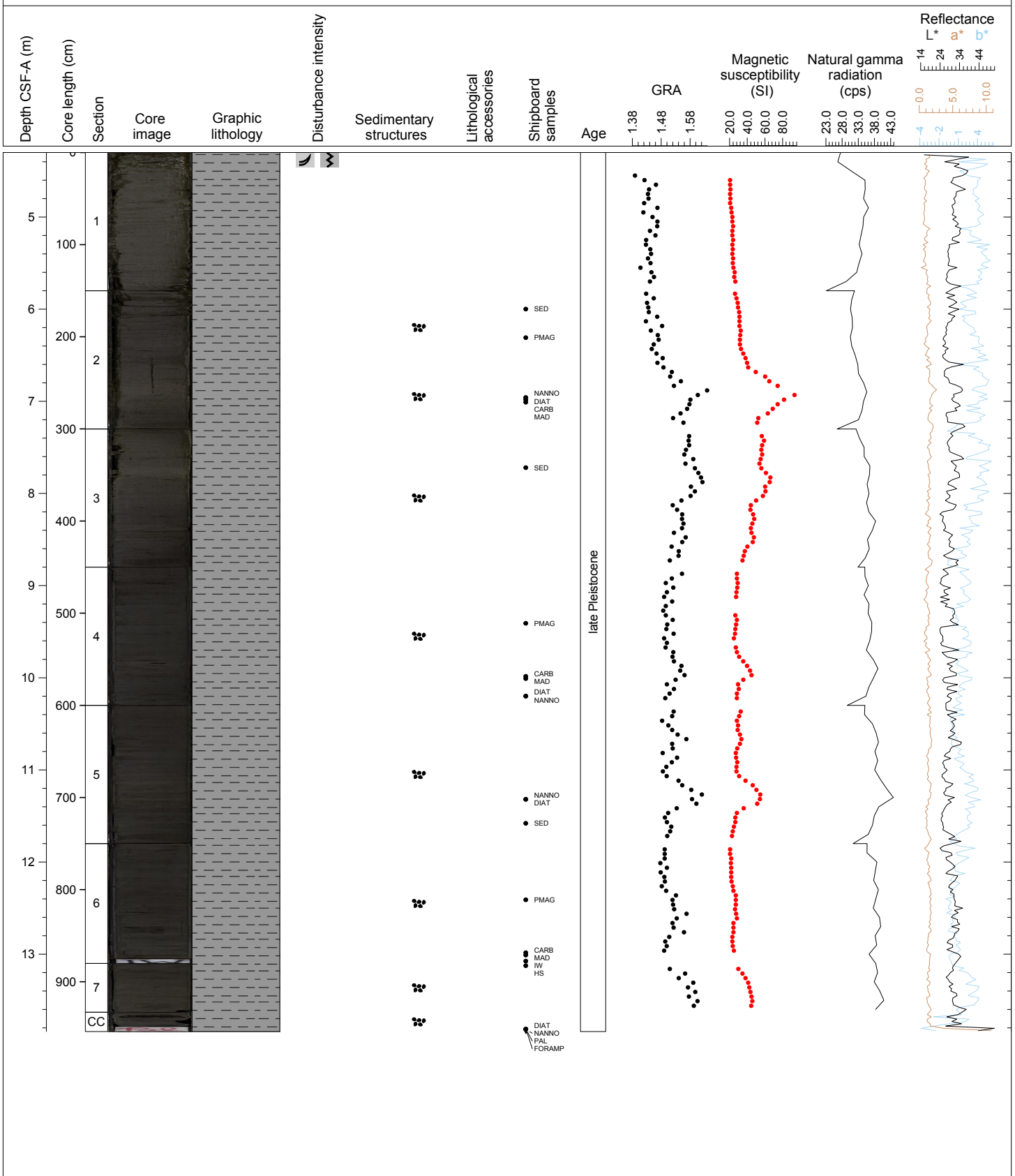
Hole 353-U1446A Core 1H, Interval 0.0-4.35 m (CSF-A)

Major Lithology: Olive brown (5Y 4/2) CLAY with SILT to darker (5Y 5/2) CLAY with NANNOFOSSILS. General Comments: Oxidized sediments in Section 1. Gradational color change from brownish (5Y 4/2) to greenish (5Y 5/2) olive gray started from near the bottom of Section 1.



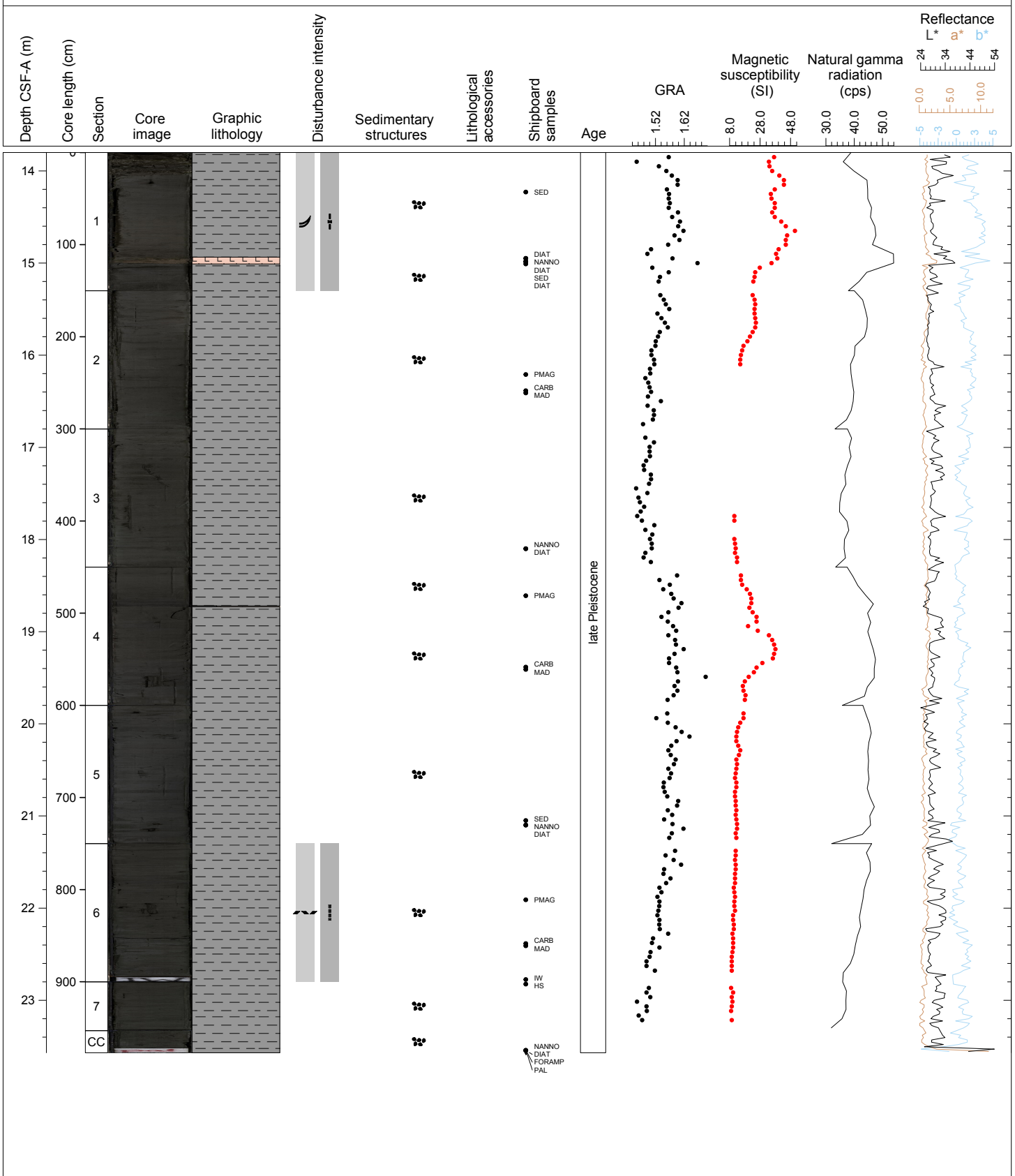
Hole 353-U1446A Core 2H, Interval 4.3-13.84 m (CSF-A)

Major Lithology: Gray (5Y 5/1) to grayish brown (2.5Y 5/2) CLAY with FORAMINIFERS. General Comments: The sediment is homogeneous. Faint color variations from dark gray (5Y 4/1) to grayish brown (2.5Y 5/2) with mottling from Section 2. Some nodules and foraminifer rich sandy blebs are present.



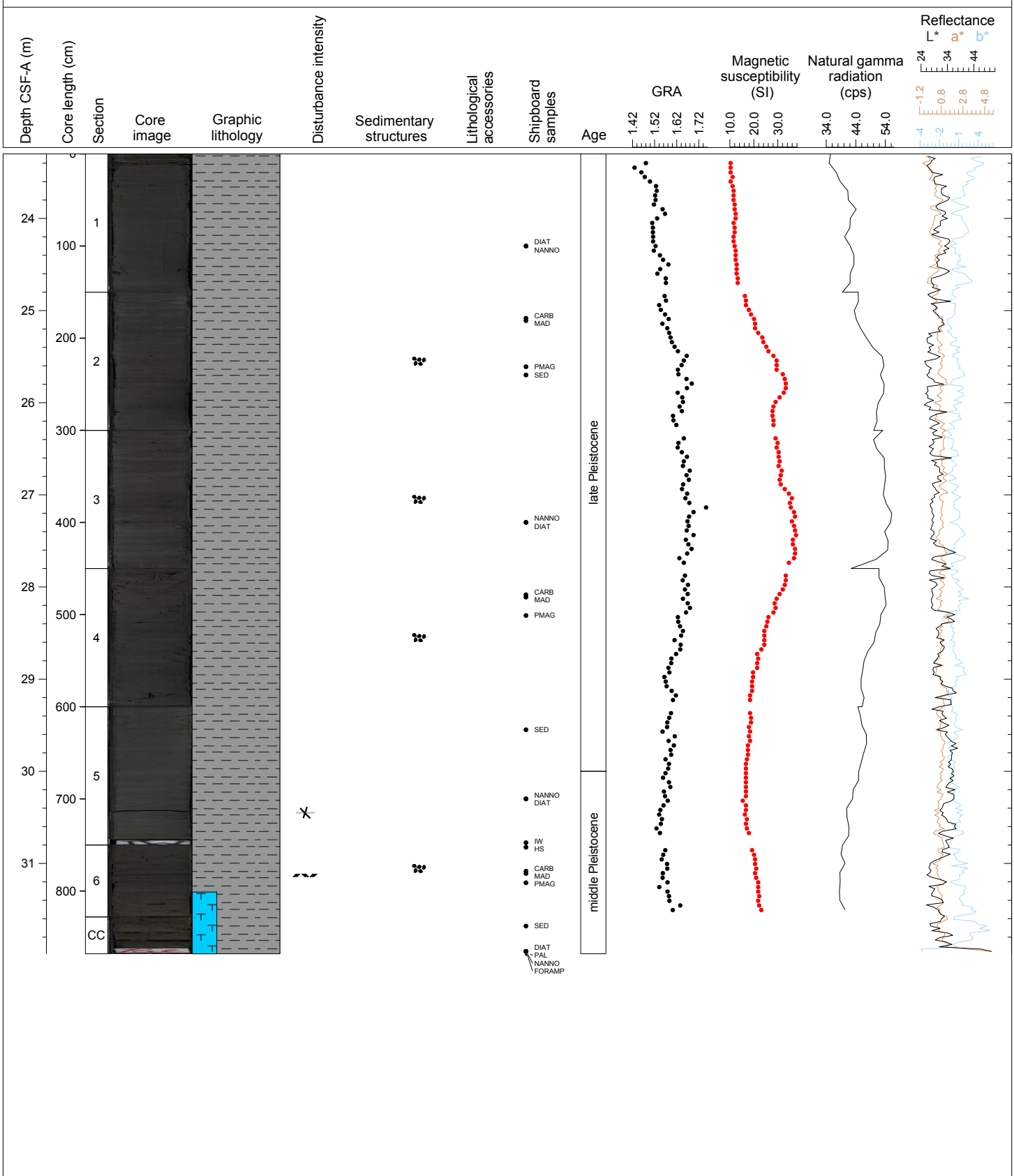
Hole 353-U1446A Core 3H, Interval 13.8-23.57 m (CSF-A)

Major Lithology: Dark greenish gray (GLE 1 4/10Y) CLAY with FORAMINIFERS and Dark greenish gray (GLE 1 4/10Y) CLAY with NANNOFOSSILS. Minor Lithology: Light gray (2.5Y 7/2) VOLCANIC ASH. General Comments: The sediment is homogeneous. Faint color variations from dark gray (5Y 4/1) to greenish gray (GLE 1 4/10Y) with mottling. One silt-to-clay turbidites composed of CLAYEY SILT in Section 4. Many nodules are present, particularly from Section 4 to 6. Long thin pyritized burrow in Section 2 from 39 to 63 cm.



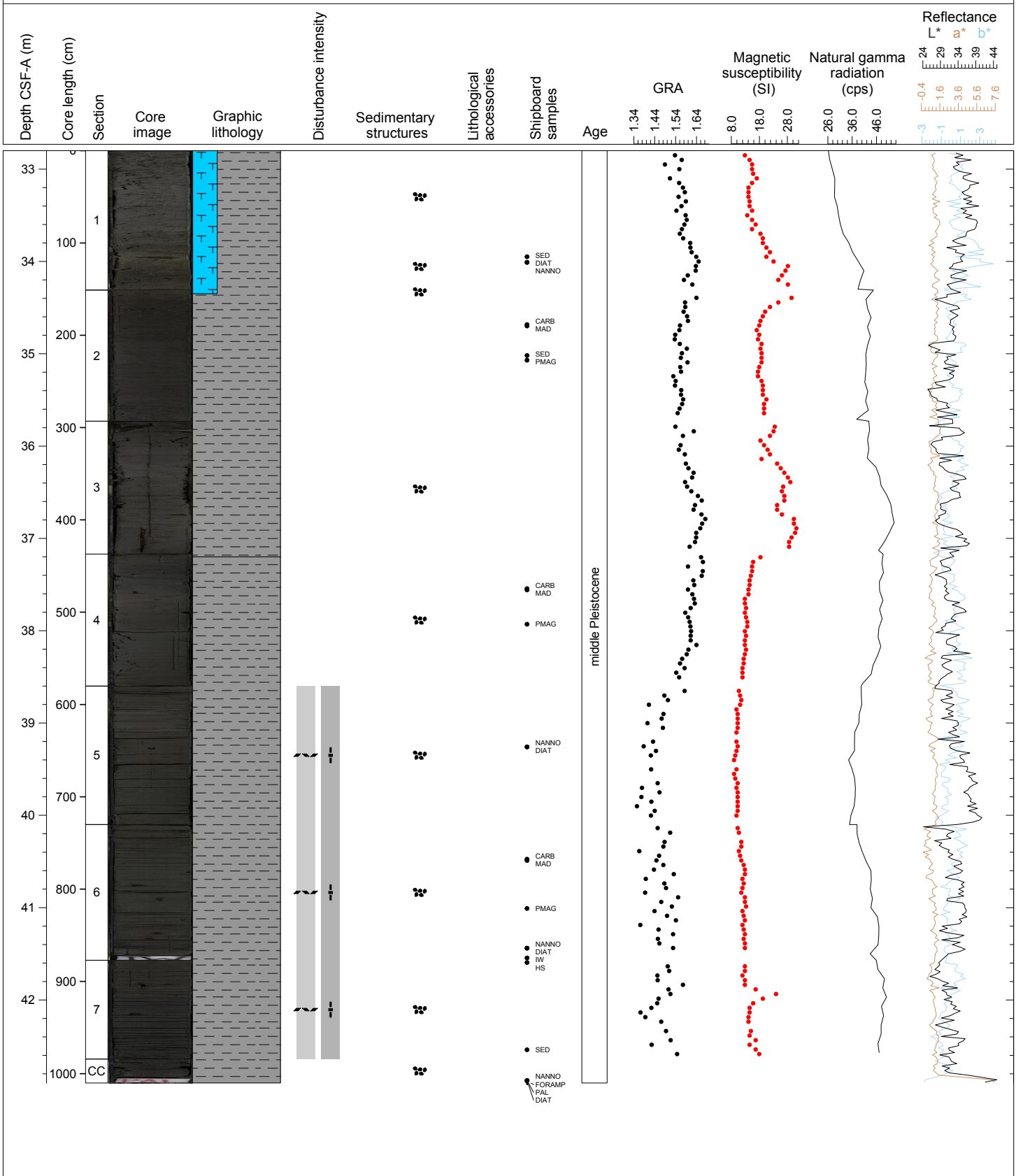
Hole 353-U1446A Core 4H, Interval 23.3-31.98 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y, 4/5GY) FORAMINIFERAL rich CLAY with NANNOFOSSILS, CLAY with SILT and CLAY with FORAMINIFERS to olive gray (5Y 5/2) FORAMINIFERS rich CLAY with NANNOFOSSILS. General Comments: The sediment is homogeneous. Faint color variations from dark gray (5Y 4/1) to greenish gray (GLEY 1 4/10Y) with mottling, many nodules in Section 2, 3, 4 and 6.



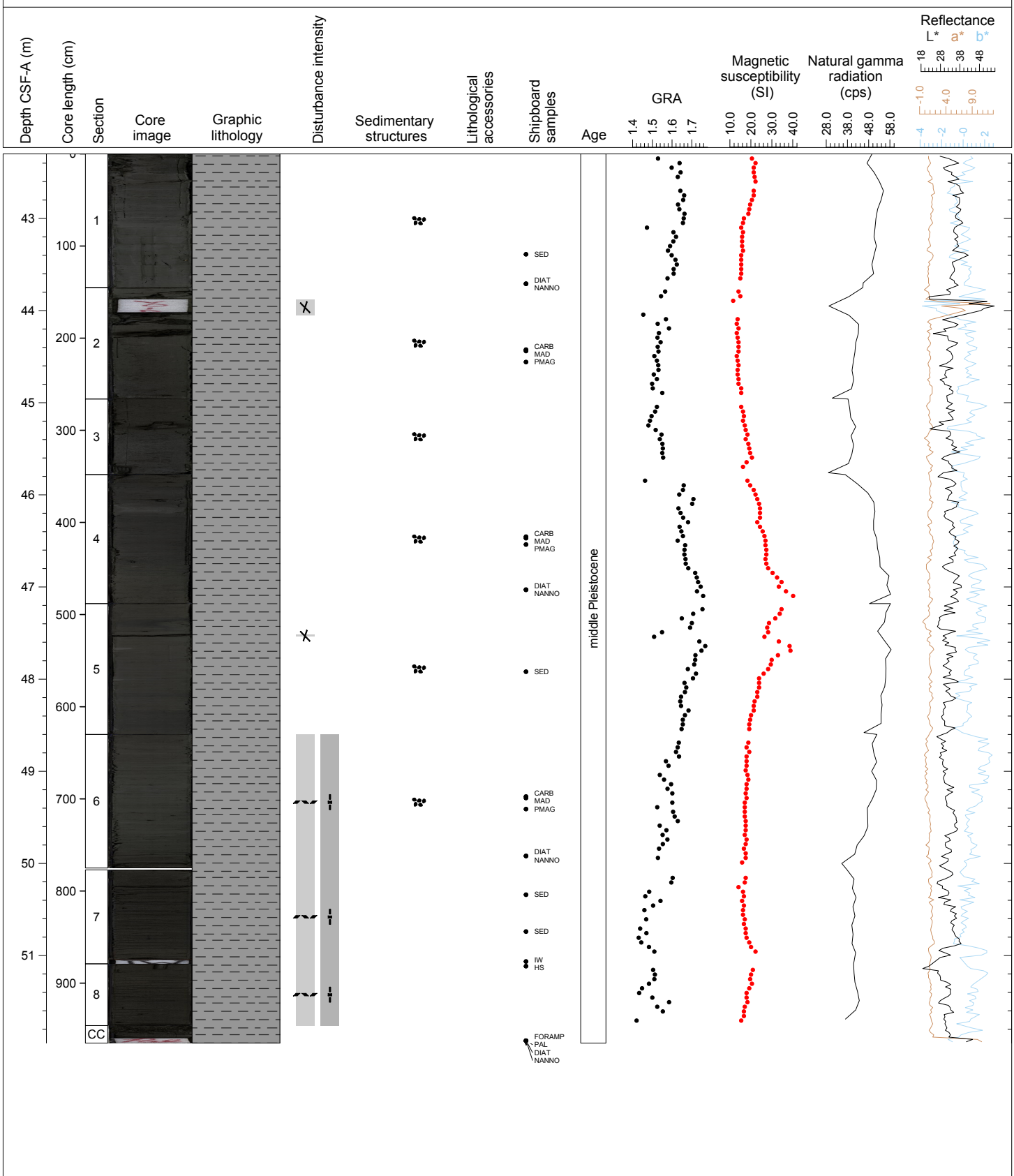
Hole 353-U1446A Core 5H, Interval 32.8-42.9 m (CSF-A)

Major Lithology: Olive gray (5Y 5/2) FORAMINIFER rich CLAY with NANNOFOSSILS to dark greenish gray (GLEY 1 3/10Y to 5/10Y) CLAY with NANNOFOSSILS and CLAY with FORAMINIFERS. General Comments: The sediment is homogeneous. Faint color variations from dark gray (5Y 4/1) to greenish gray (GLEY 1 4/10Y) with mottling from Section 3 to CC. Some nodules are present. Same sandy pyrite, foraminifer and shell fragments rich blebs in Section 1. A lot of horizontal cracks due to gas expansion from Section 5 to CC.



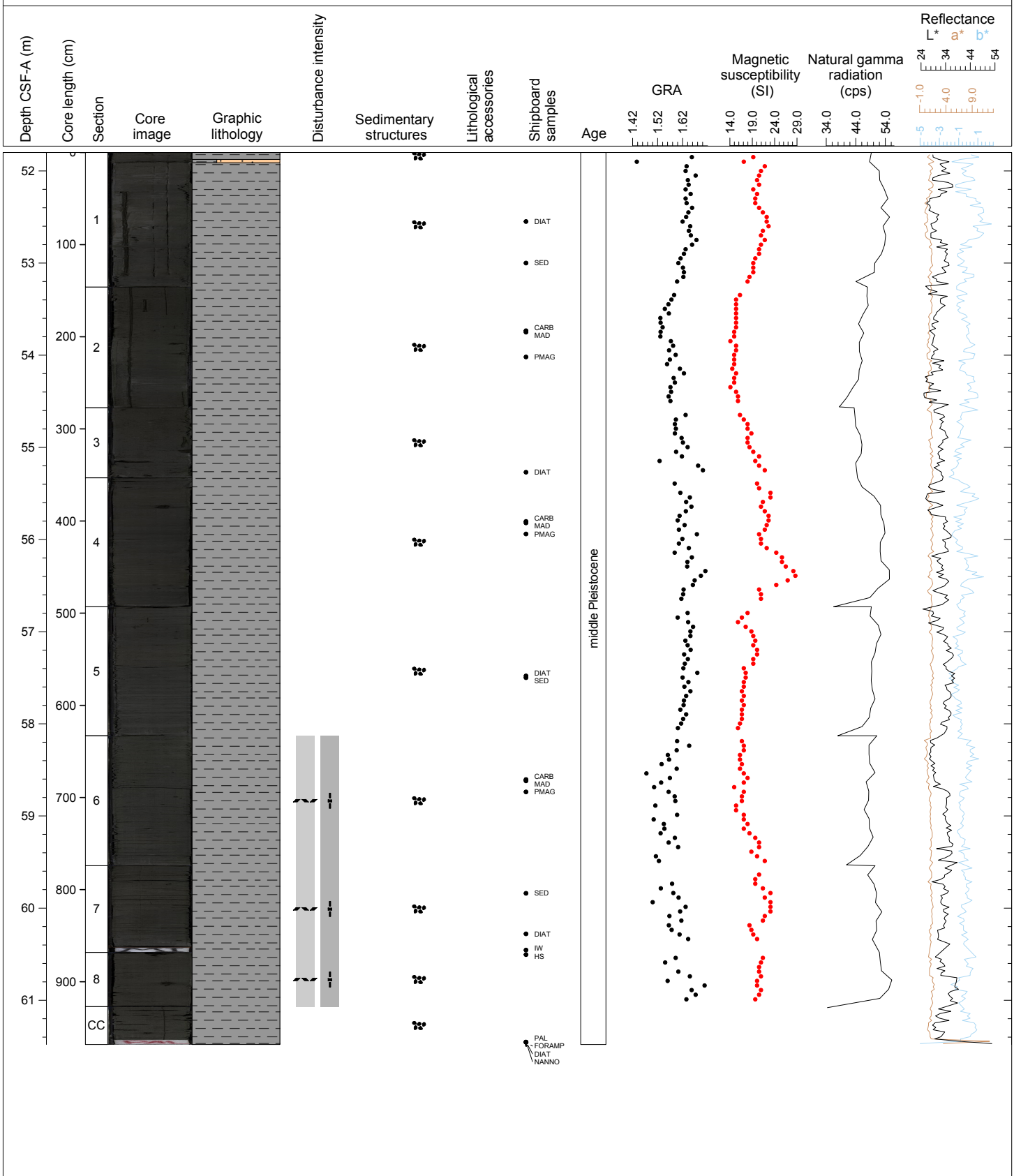
Hole 353-U1446A Core 6H, Interval 42.3-51.95 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 3/10Y to 4/10Y) CLAY with NANNOFOSSILS and CLAY with FORAMINIFERS. General Comments: The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 4/5GY) to more brownish (GLEY 1 4/10Y) with mottling from Section 1 to 6. Some nodules are present. A lot of horizontal cracks due to gas expansion from Section 6 to CC.



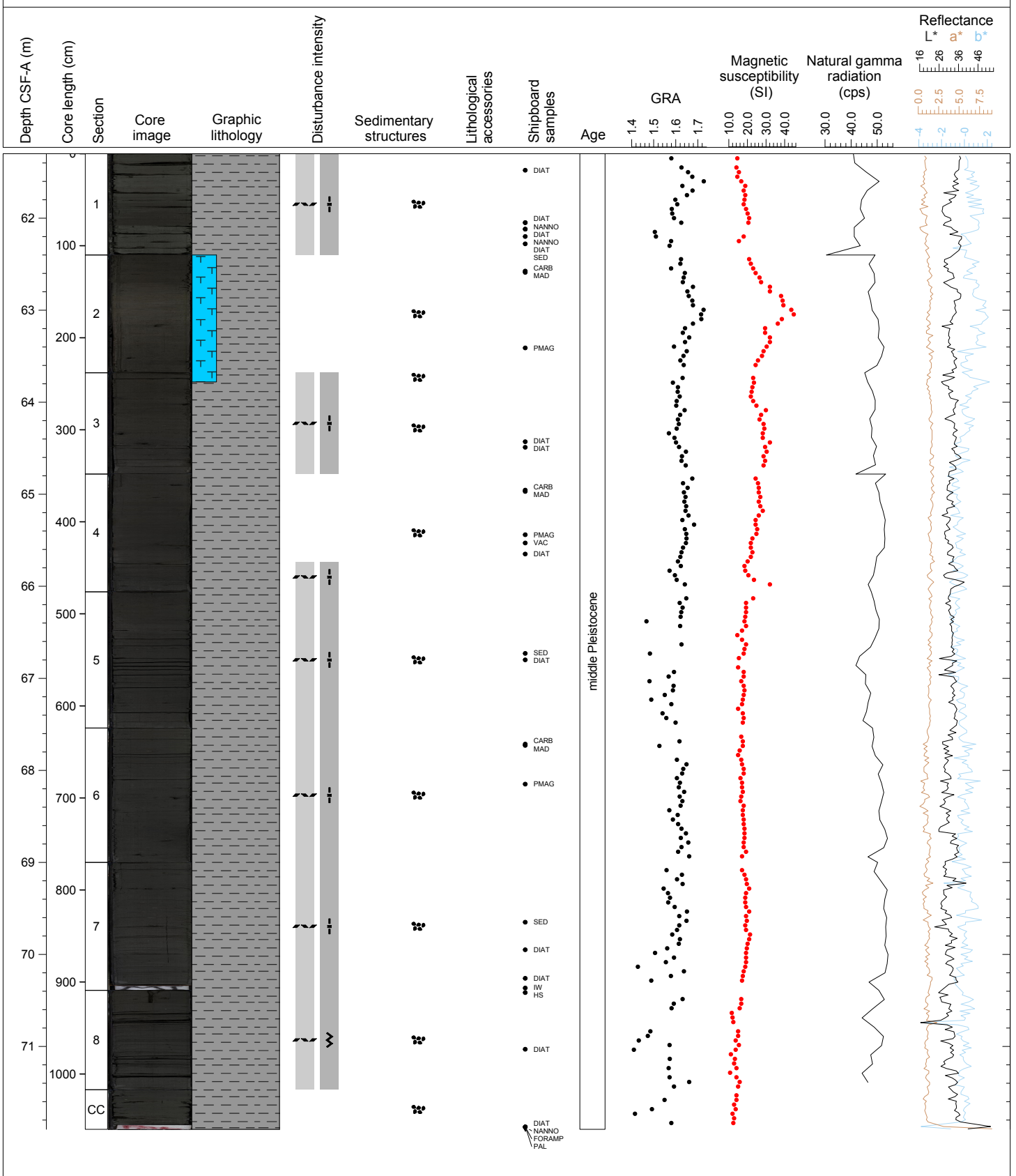
Hole 353-U1446A Core 7H, Interval 51.8-61.48 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with NANNOFOSSILS. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/5GY) to more brownish (GLEY 1 4/10Y) with mottling. One silt-to-clay turbidites composed of CLAYEY SILT in Section 1. Some nodules are present. A lot of horizontal cracks due to gas expansion from Section 6 to CC. Small, white flecks of well-sorted quartz observed throughout the core.



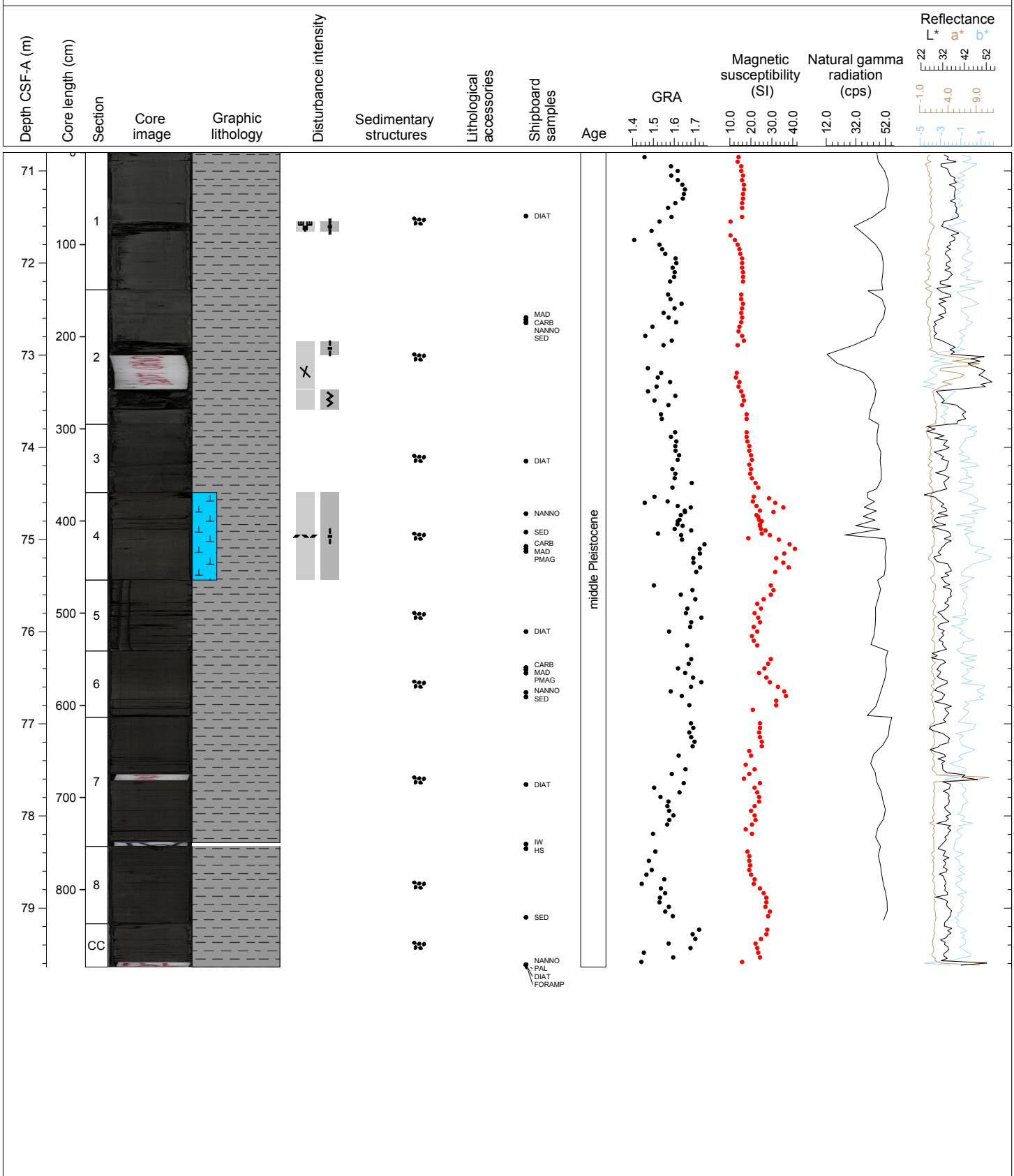
Hole 353-U1446A Core 8H, Interval 61.3-71.9 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with SILT, gray (2.5Y 6/1) FORAMINIFER rich CLAY with SILT in Section 2, dark greenish gray (GLEY 1 4/10Y) CLAY with NANNOFOSSILS and dark greenish gray (GLEY 1 4/10Y) CLAY. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/5GY) to more brownish (GLEY 1 4/10Y) with mottling from Section 3 to CC. Some nodules are present. A lot of horizontal cracks due to gas expansion from Section 1 and 3 to CC. Small, white flecks of well-sorted quartz observed throughout the core.



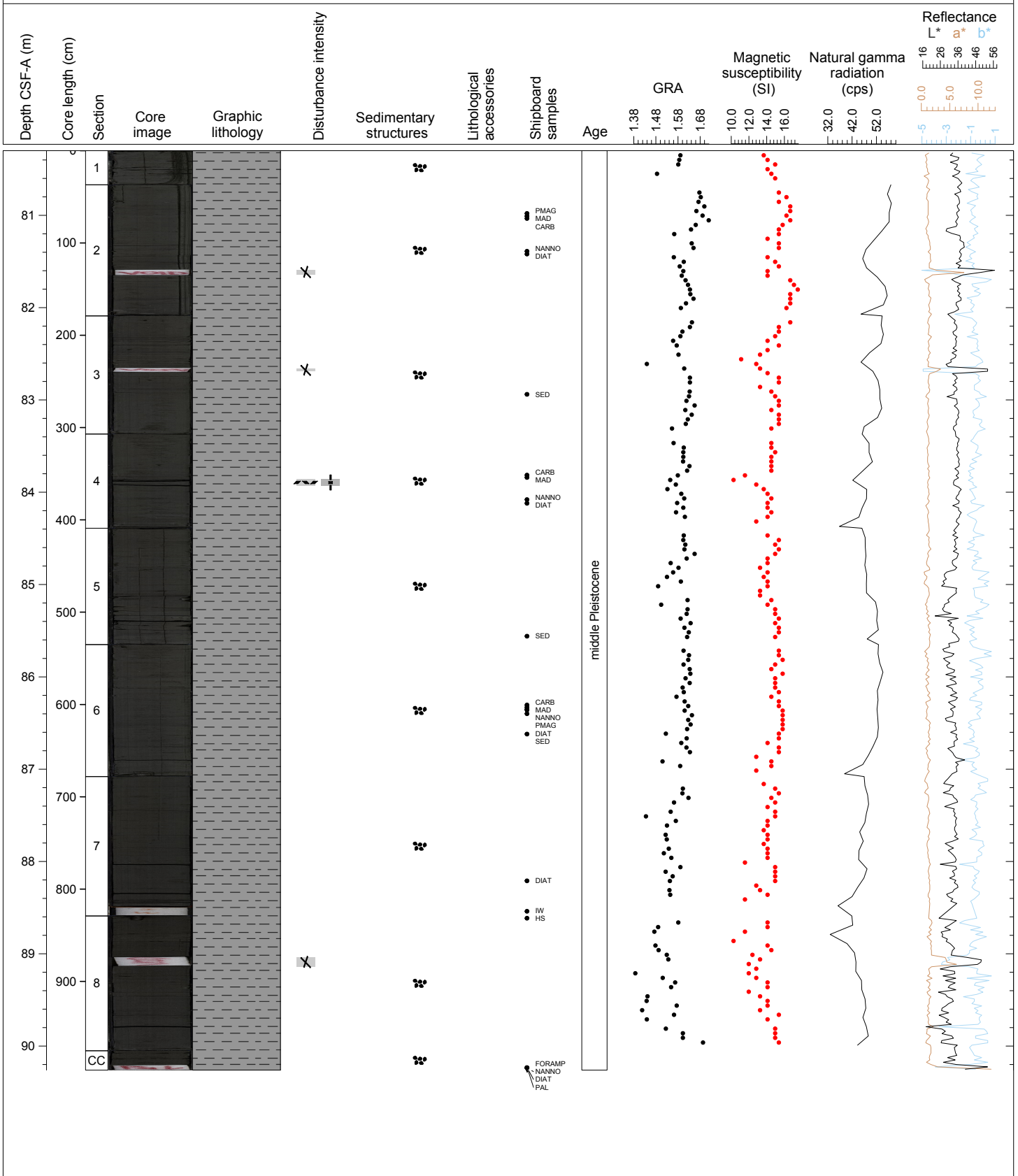
Hole 353-U1446A Core 9H, Interval 70.8-79.64 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY and dark greenish gray (GLEY 1 4/10Y) CLAY with NANNOFOSSILS. Minor Lithology: Gray (5Y 5/1) NANNOFOSSIL rich CLAY with FORAMINIFERS, General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) with mottling. Small, white flecks of well-sorted quartz observed throughout the core.



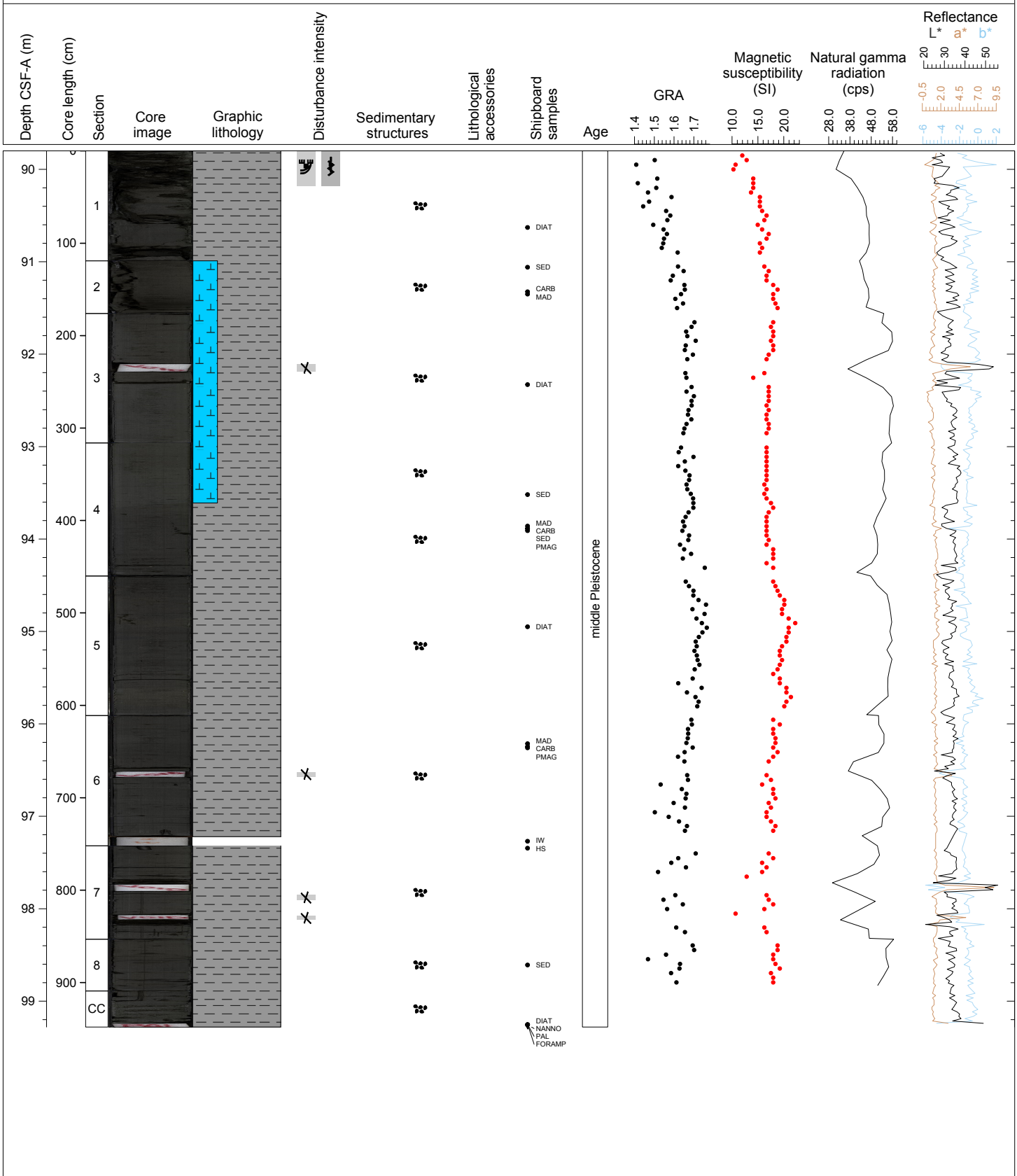
Hole 353-U1446A Core 10H, Interval 80.3-90.26 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY and dark greenish gray (GLEY 1 4/10Y) CLAY with NANNOFOSSILS. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) with mottling. Small, white flecks of well-sorted quartz observed throughout the core.



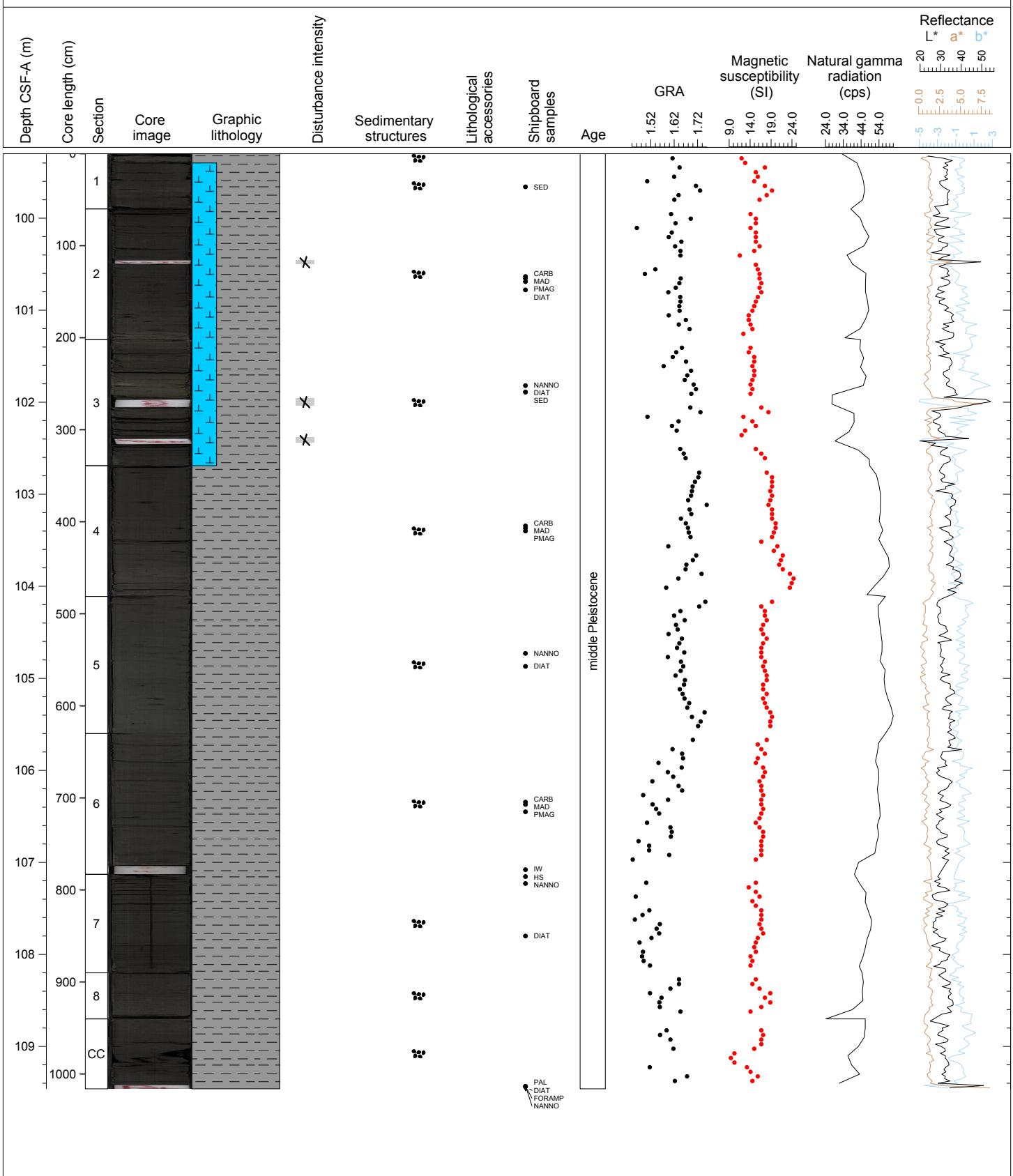
Hole 353-U1446A Core 11H, Interval 89.8-99.28 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY, dark greenish gray (GLEY 1 4/10Y) NANNOFOSSIL rich CLAY with FORAMINIFERS and very dark greenish gray (GLEY 1 3/10Y) CLAY. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) with mottling. Small, white flecks of well-sorted quartz observed throughout the core.



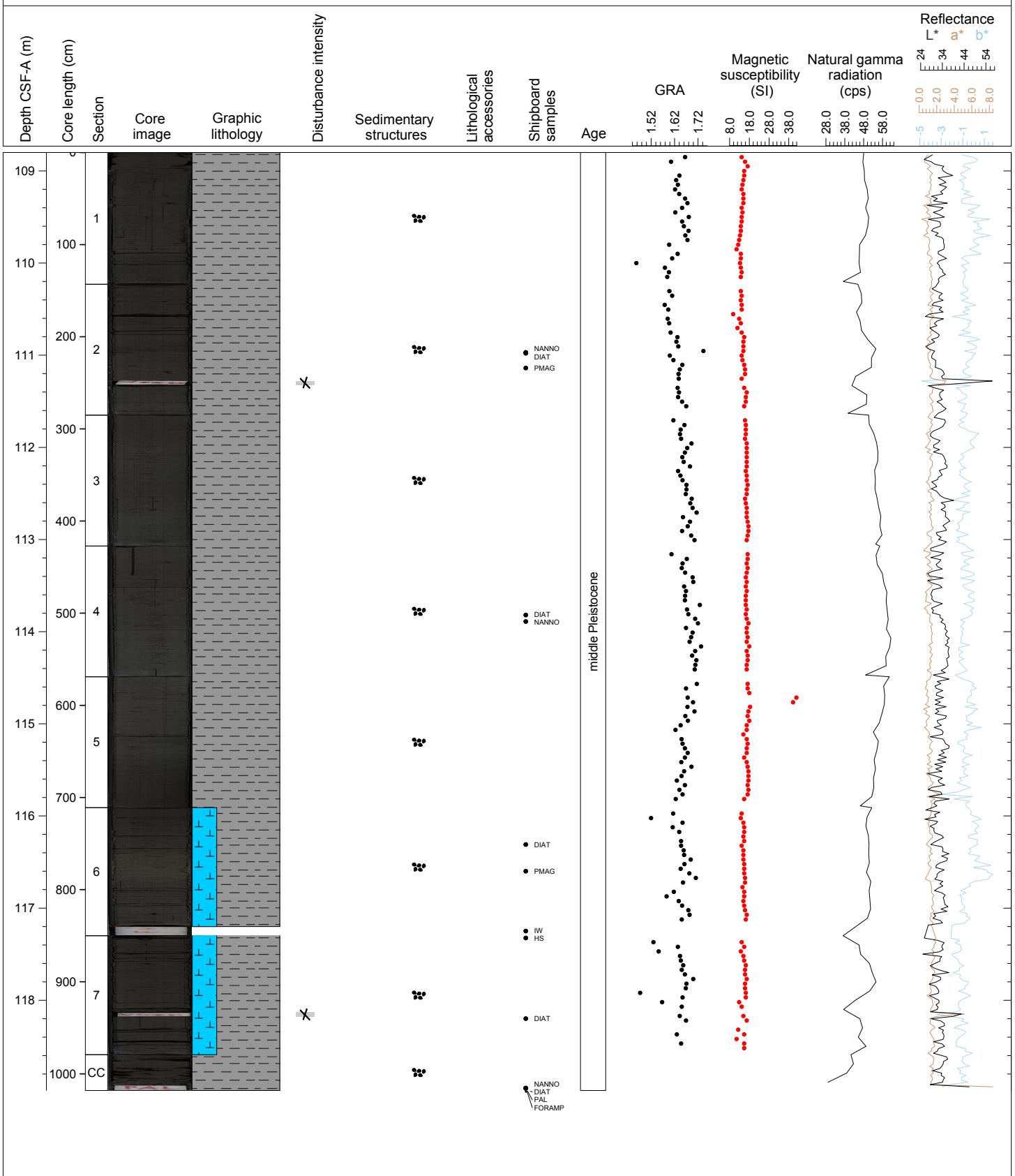
Hole 353-U1446A Core 12H, Interval 99.3-109.46 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) NANNOFOSSIL rich CLAY. Minor Lithology: Dark greenish gray (GLEY 1 4/10Y) NANNOFOSSIL rich CLAY with FORAMINIFERS and very dark greenish gray (GLEY 1 3/10Y) CLAY with NANNOFOSSILS. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) and very dark greenish gray (GLEY 1 3/10Y) with mottling. Small, white flecks of well-sorted quartz observed throughout the core.



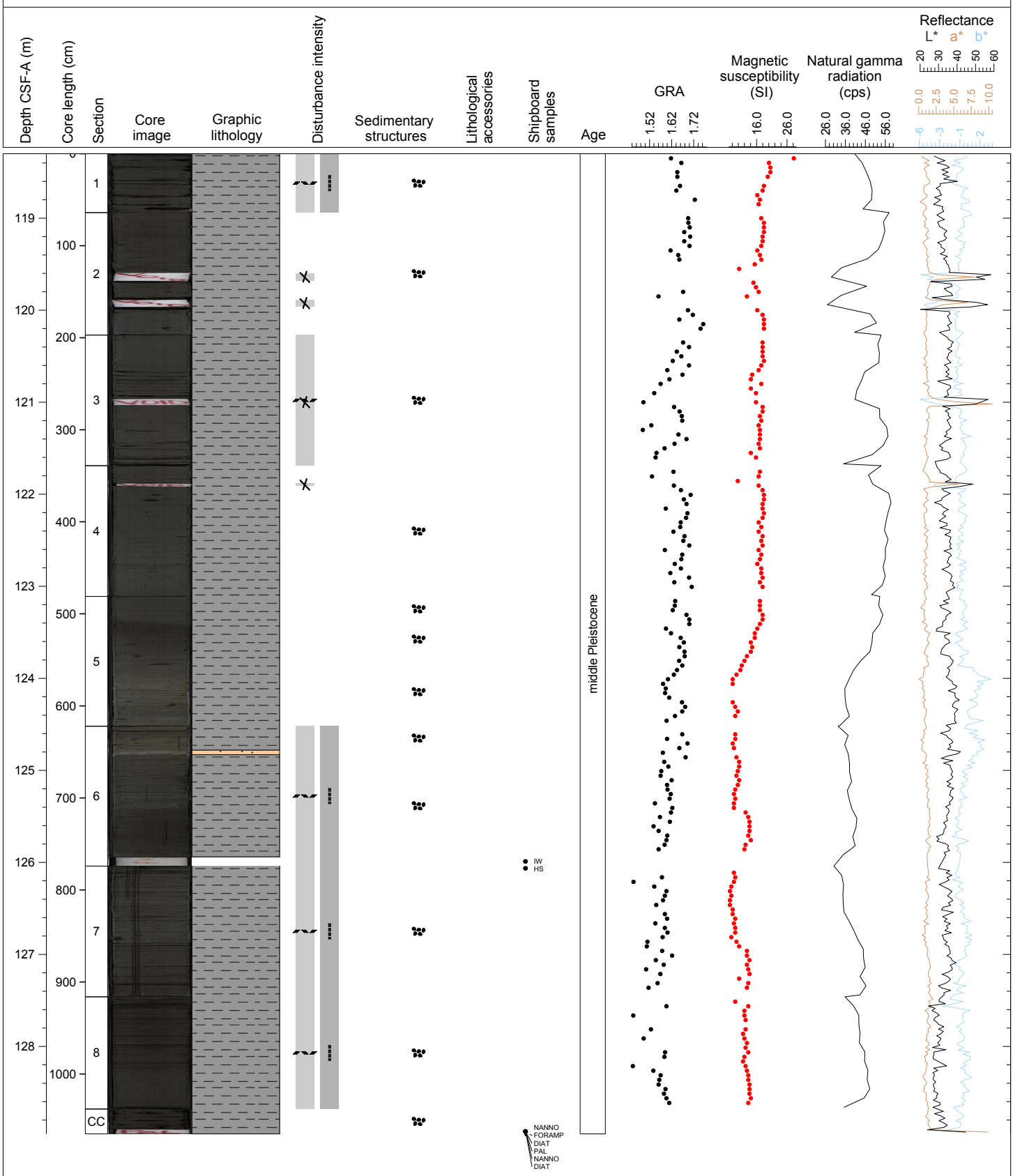
Hole 353-U1446A Core 13H, Interval 108.8-118.98 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) CLAY with NANNOFOSSILS. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) and very dark greenish gray (GLEY 1 3/10Y) with mottling. Small, white flecks of well-sorted quartz are present throughout the core. Darker portions of the core (Section 7) contains more plant matter.



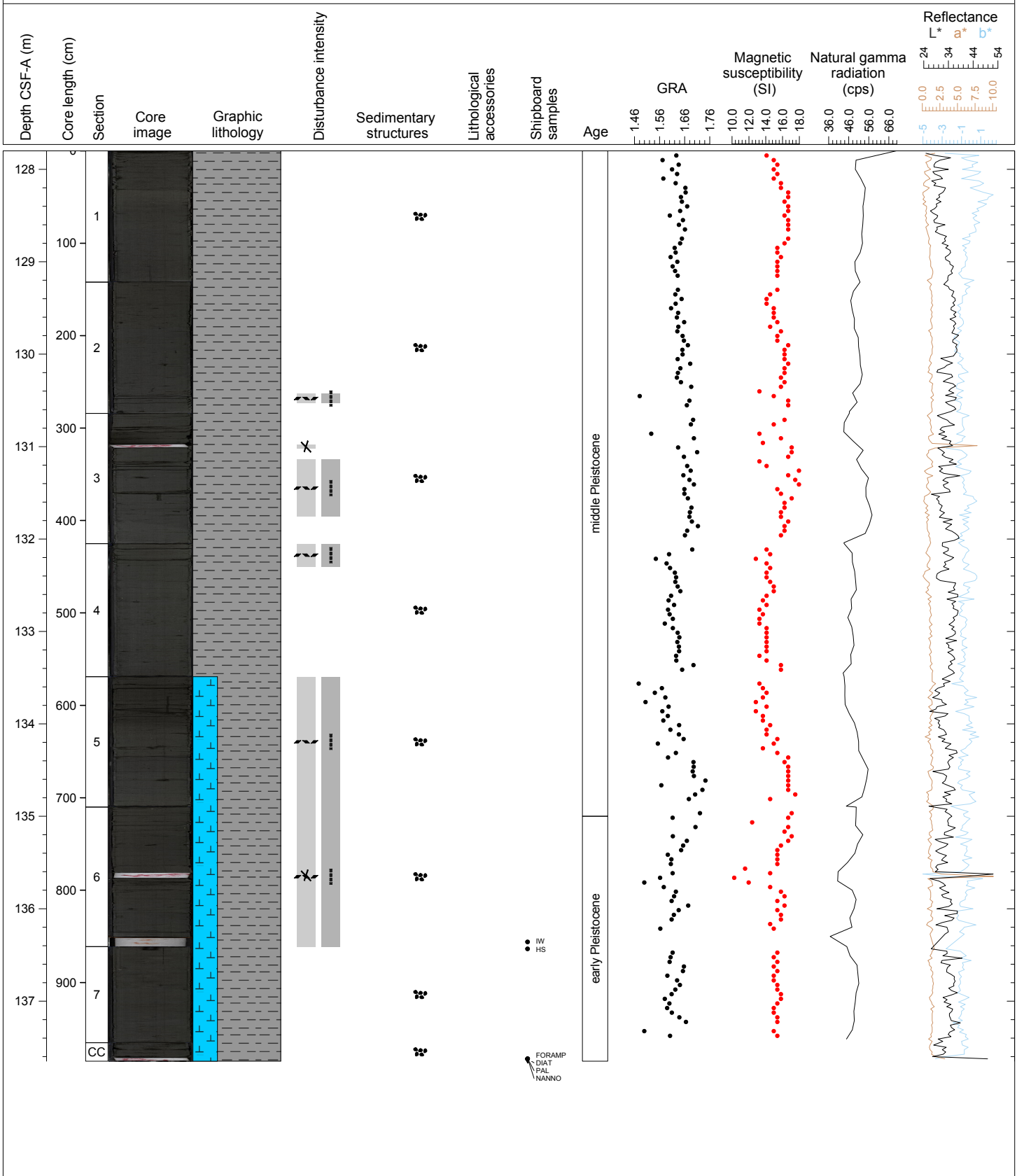
Hole 353-U1446A Core 14H, Interval 118.3-128.95 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) to dark greenish gray (GLEY 1 4/10Y) CLAY and CLAY with NANNOFOSSILS. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) and very dark greenish gray (GLEY 1 3/10Y) with mottling. Small, white flecks of well-sorted quartz are present throughout the core. One turbidite present in section 6 that contains PELOID rich SILT with higher content of sulphides.



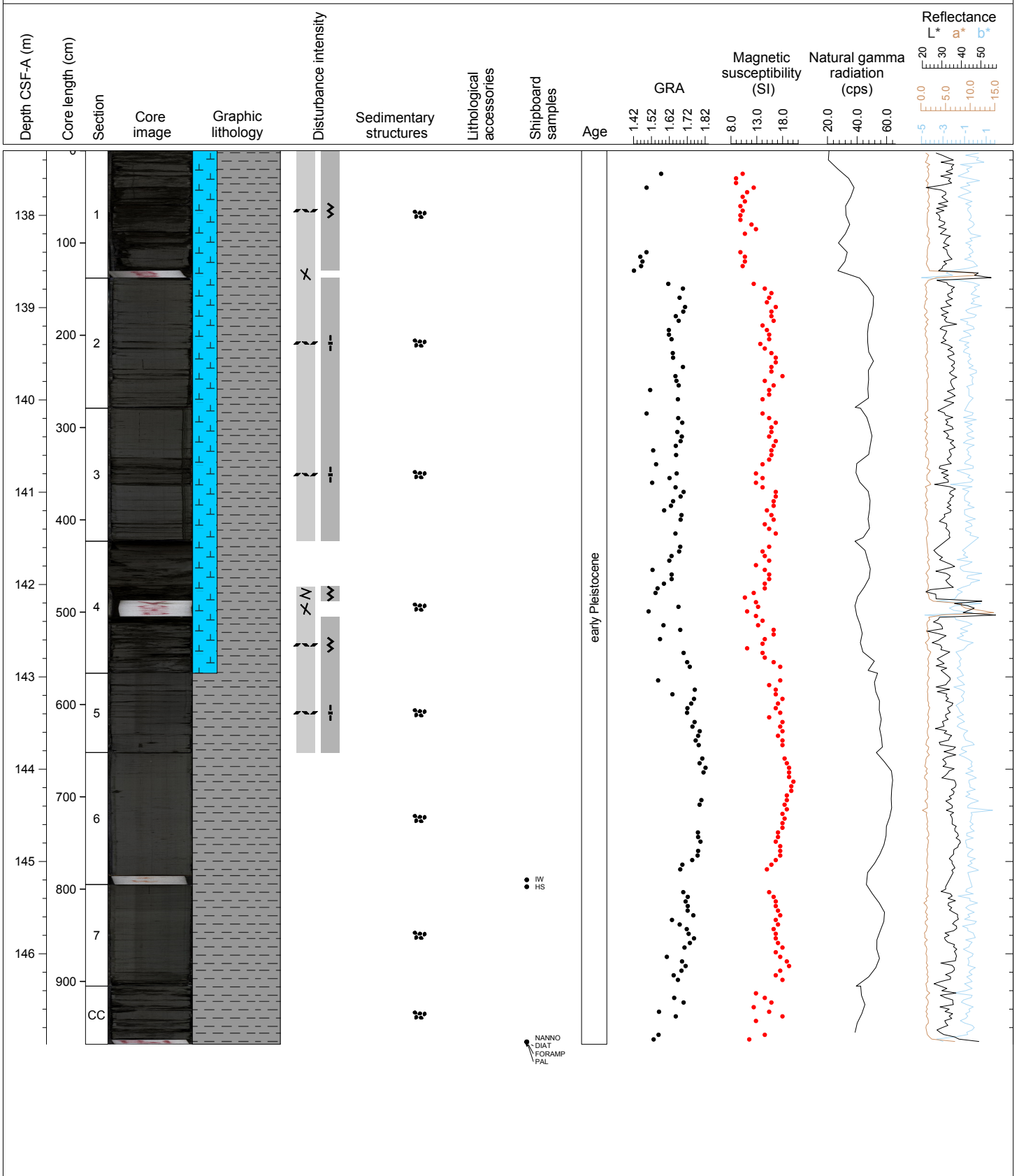
Hole 353-U1446A Core 15H, Interval 127.8-137.65 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with NANNOFOSSILS to very dark greenish gray (GLEY 1 3/10Y) NANNOFOSSIL rich CLAY with FORAMINIFERS. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) and very dark greenish gray (GLEY 1 3/10Y) with mottling. Small, white flecks of well-sorted quartz are present throughout the core. Few nodules are present.



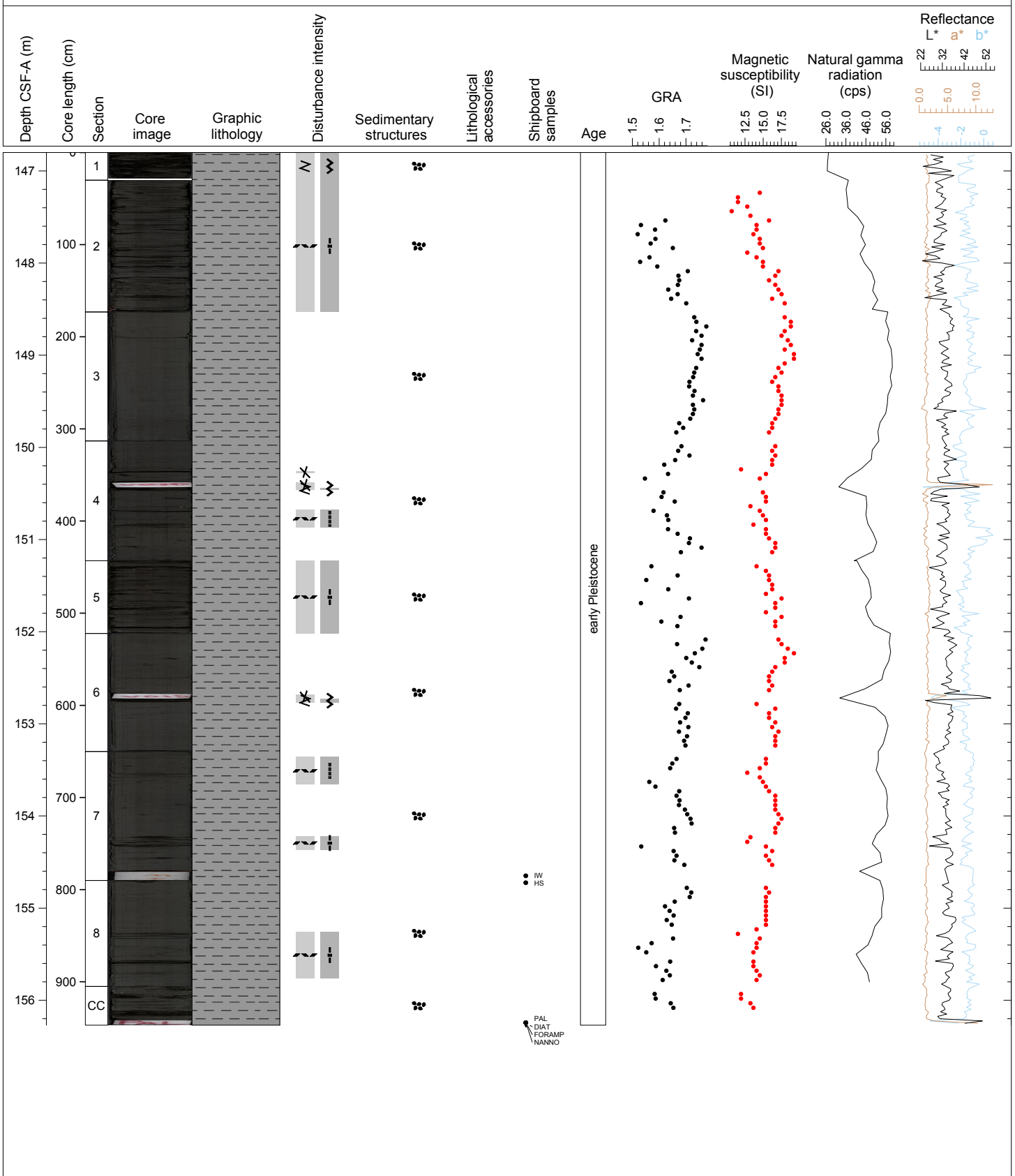
Hole 353-U1446A Core 16H, Interval 137.3-146.98 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) to dark greenish gray (GLEY 1 4/10Y) CLAY or NANNOFOSSIL rich CLAY. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) and very dark greenish gray (GLEY 1 3/10Y) with mottling. Small, white flecks of well-sorted quartz are present throughout the core. A lot of horizontal cracks (due to gas expansion?) along the core, except Section 6 and 7. Few nodules are present.



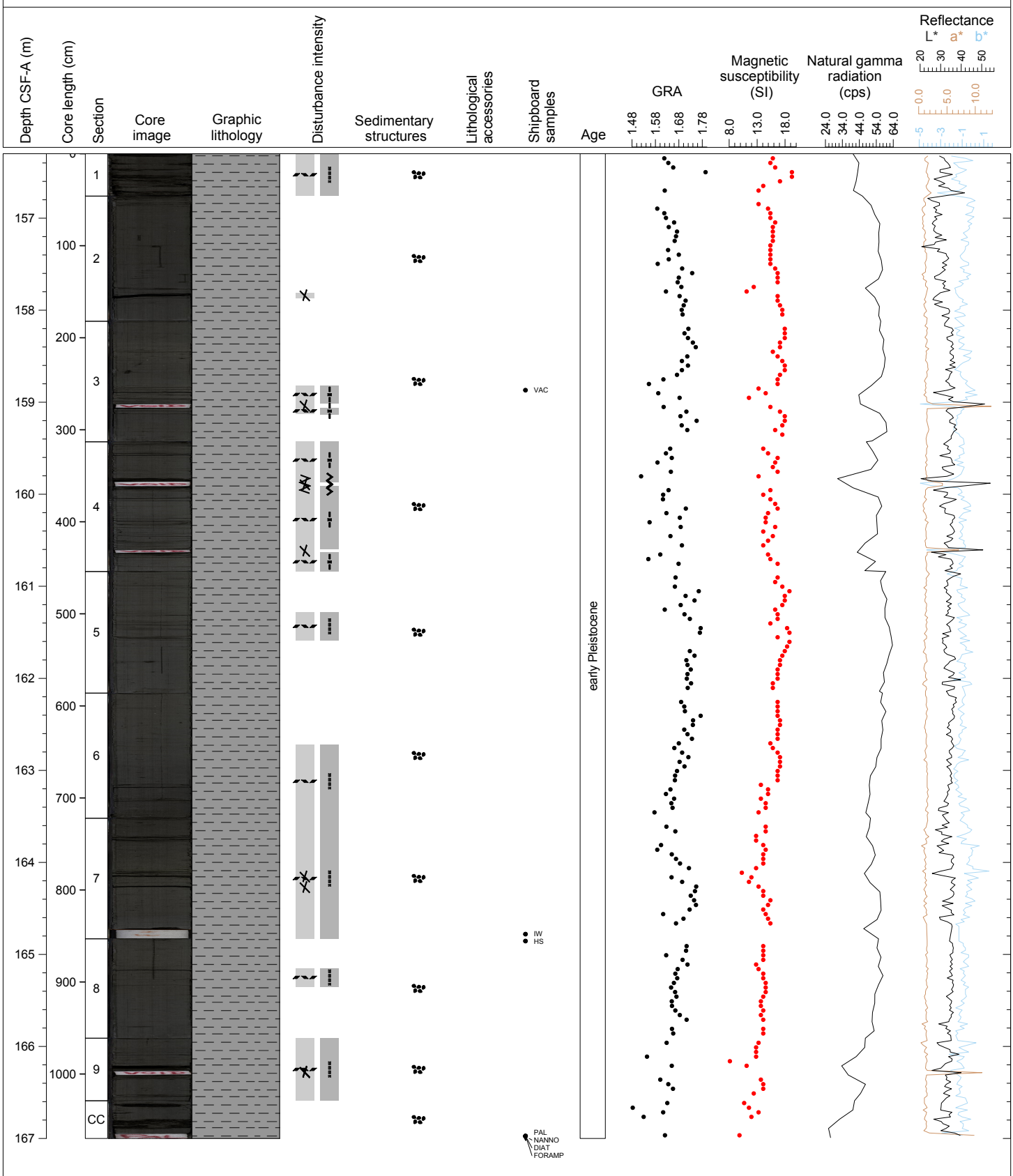
Hole 353-U1446A Core 17H, Interval 146.8-156.27 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) to dark greenish gray (GLEY 1 4/10Y) CLAY or CLAY with NANNOFOSSILS. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) and very dark greenish gray (GLEY 1 3/10Y) with mottling. Small, white flecks of well-sorted quartz are present throughout the core. A lot of horizontal cracks (due to gas expansion?) along the core. Few nodules are present.



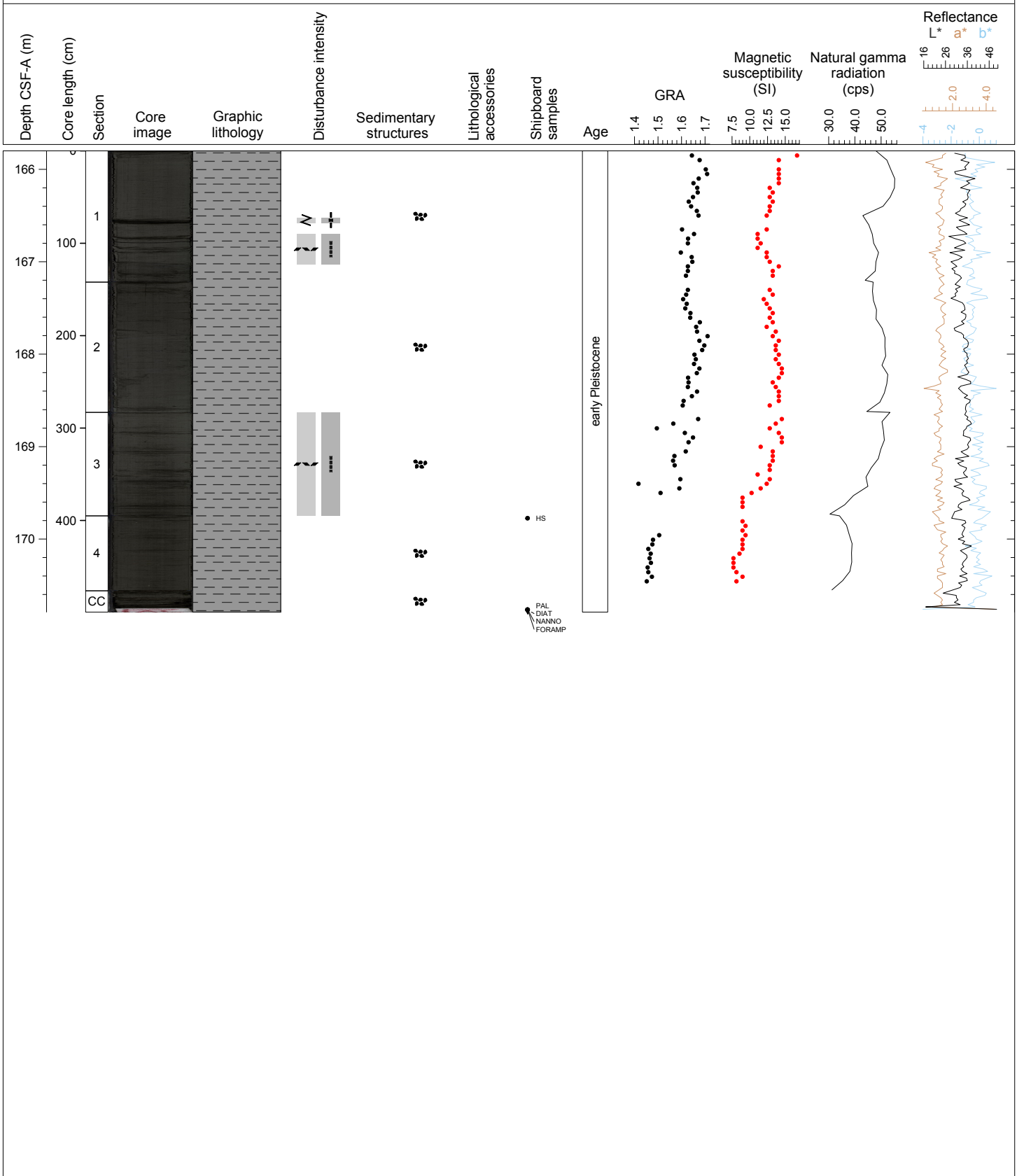
Hole 353-U1446A Core 18H, Interval 156.3-167.0 m (CSF-A)

Major Lithology: Very dark greenish gray (GLEY 1 3/10Y) to dark greenish gray (GLEY 1 4/10Y) CLAY or CLAY with FORAMINIFERS. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) and very dark greenish gray (GLEY 1 3/10Y) with mottling. Small, white flecks of well-sorted quartz are present throughout the core. A lot of horizontal cracks (due to gas expansion?) along the core. Few nodules are present.



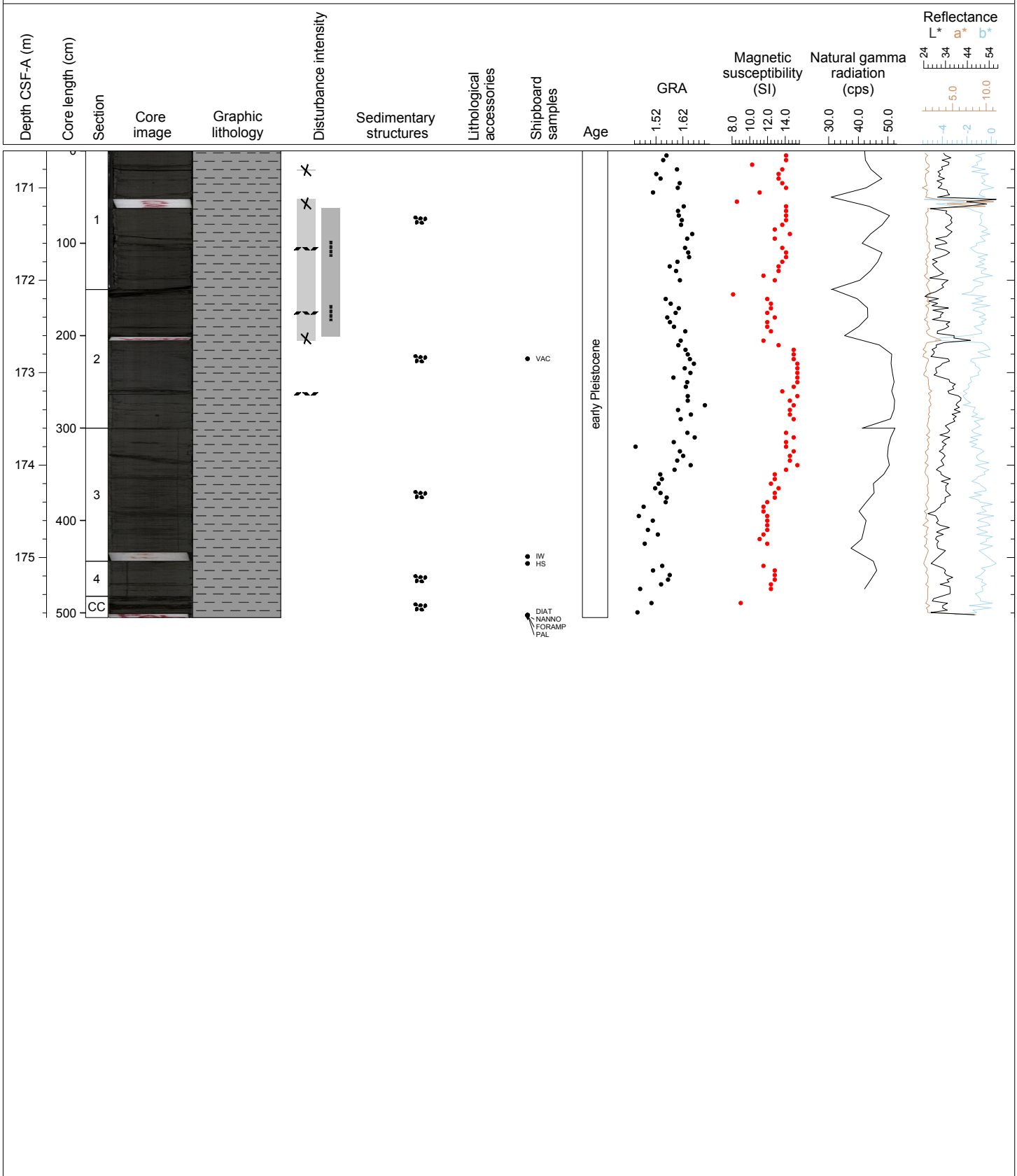
Hole 353-U1446A Core 19F, Interval 165.8-170.79 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with BIOSILICA. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) and very dark greenish gray (GLEY 1 3/10Y) with mottling. Small, white flecks of well-sorted quartz are present throughout the core.



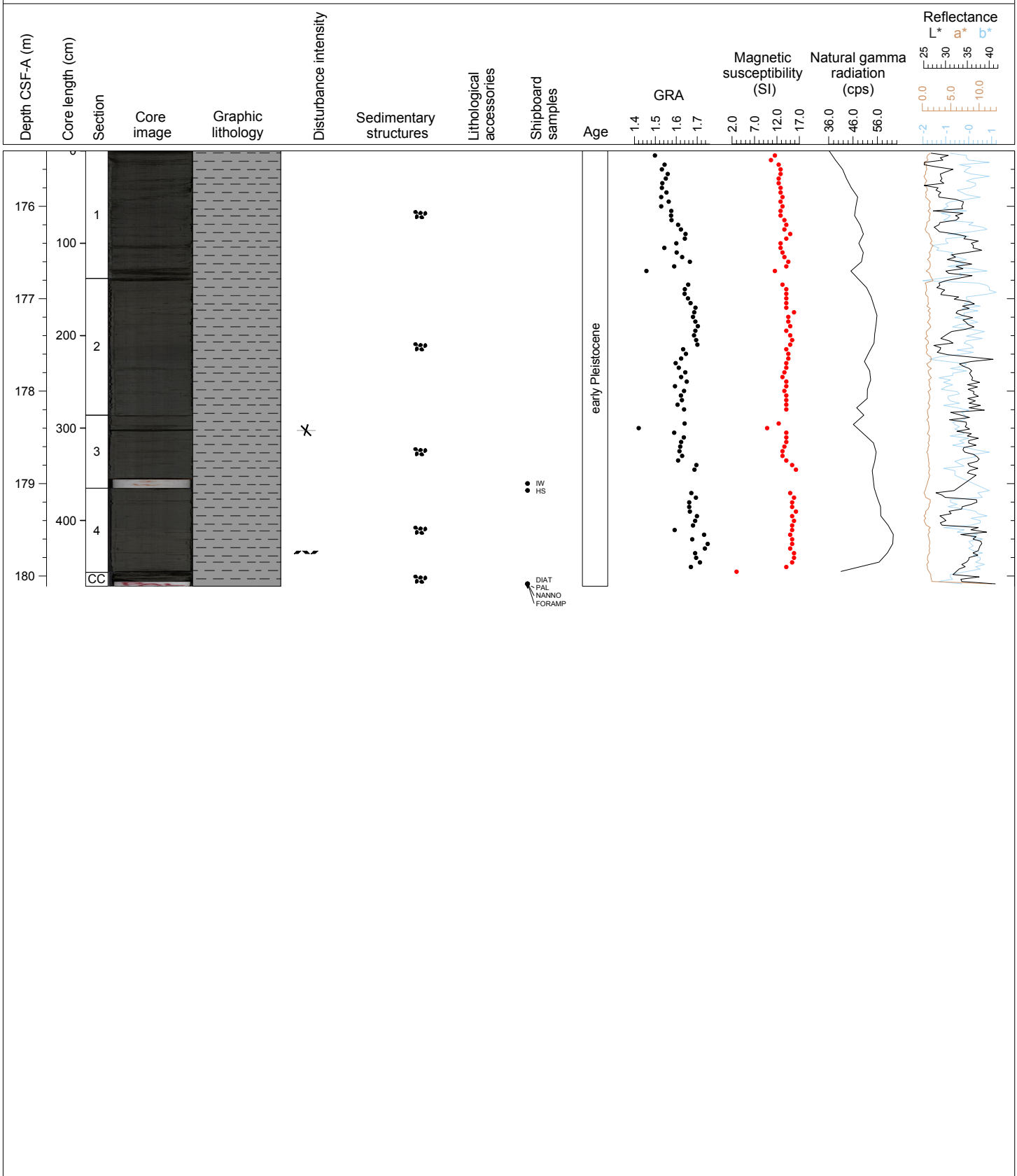
Hole 353-U1446A Core 20F, Interval 170.6-175.65 m (CSF-A)

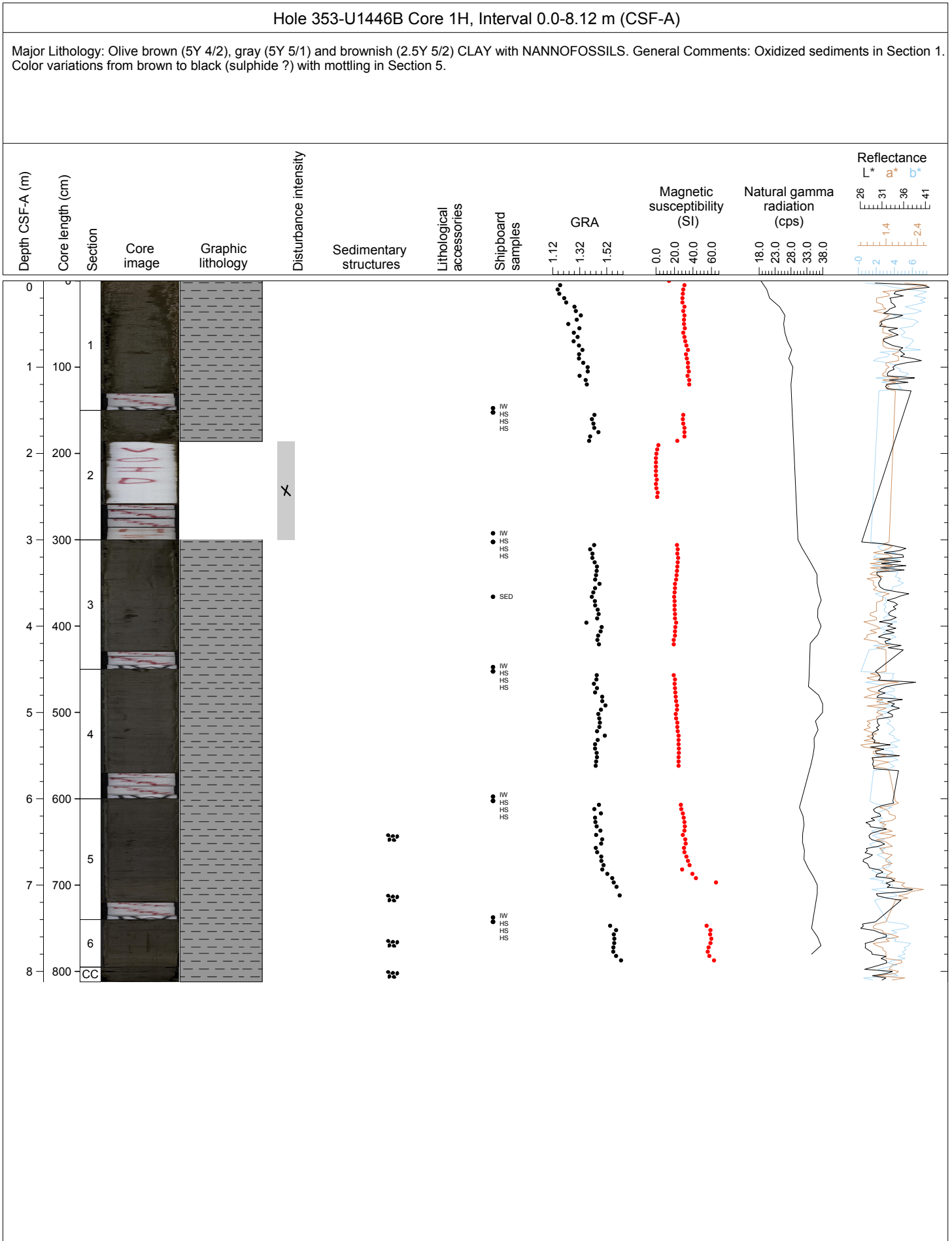
Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with BIOSILICA. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) and very dark greenish gray (GLEY 1 3/10Y) with mottling. Small, white flecks of well-sorted quartz are present throughout the core.



Hole 353-U1446A Core 21F, Interval 175.4-180.11 m (CSF-A)

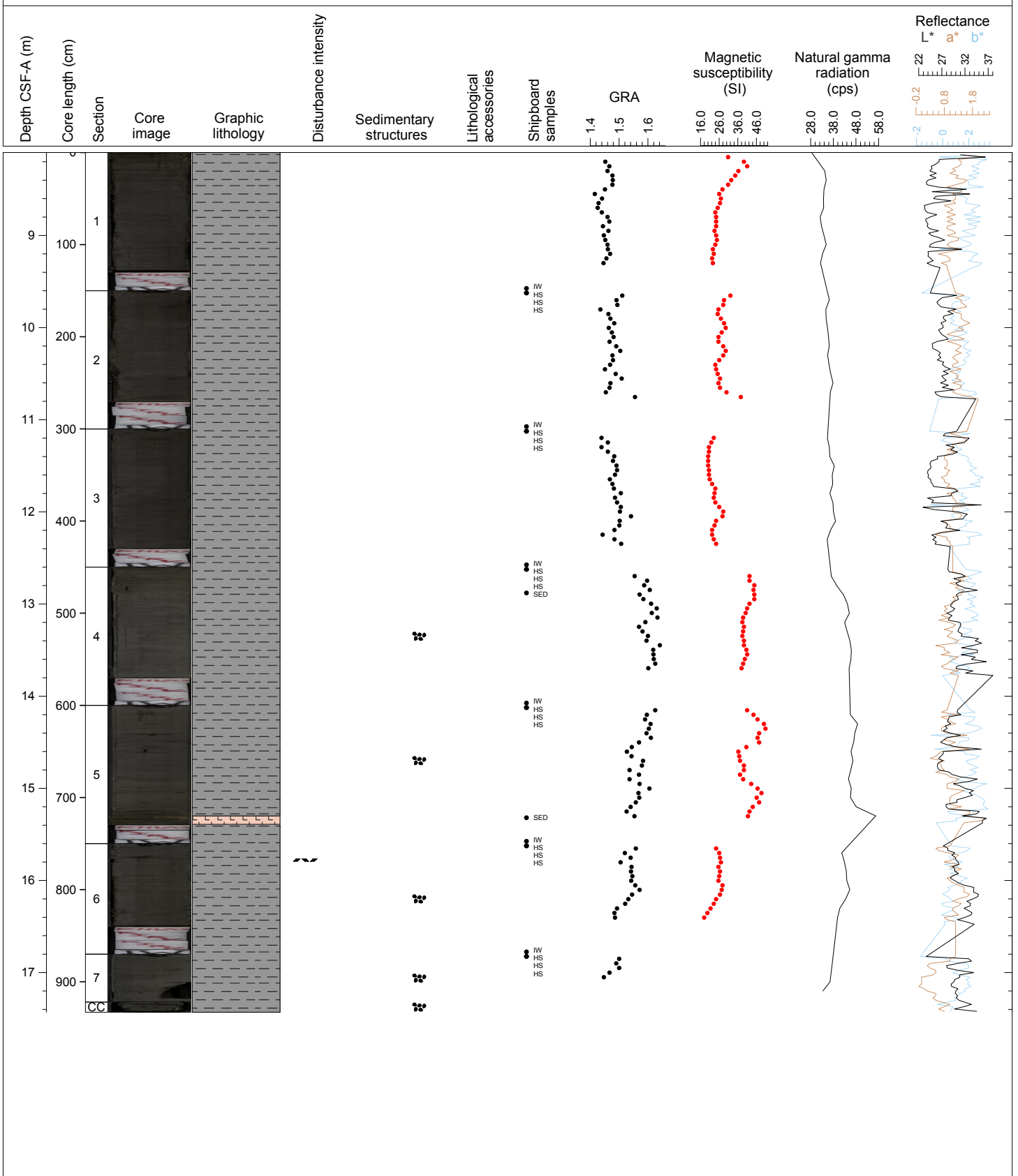
Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with NANNOFOSSILS and CLAY with BIOSILICA. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to paler gray (GLEY 1 5/10Y) and very dark greenish gray (GLEY 1 3/10Y) with mottling. Small, white flecks of well-sorted quartz are present throughout the core.





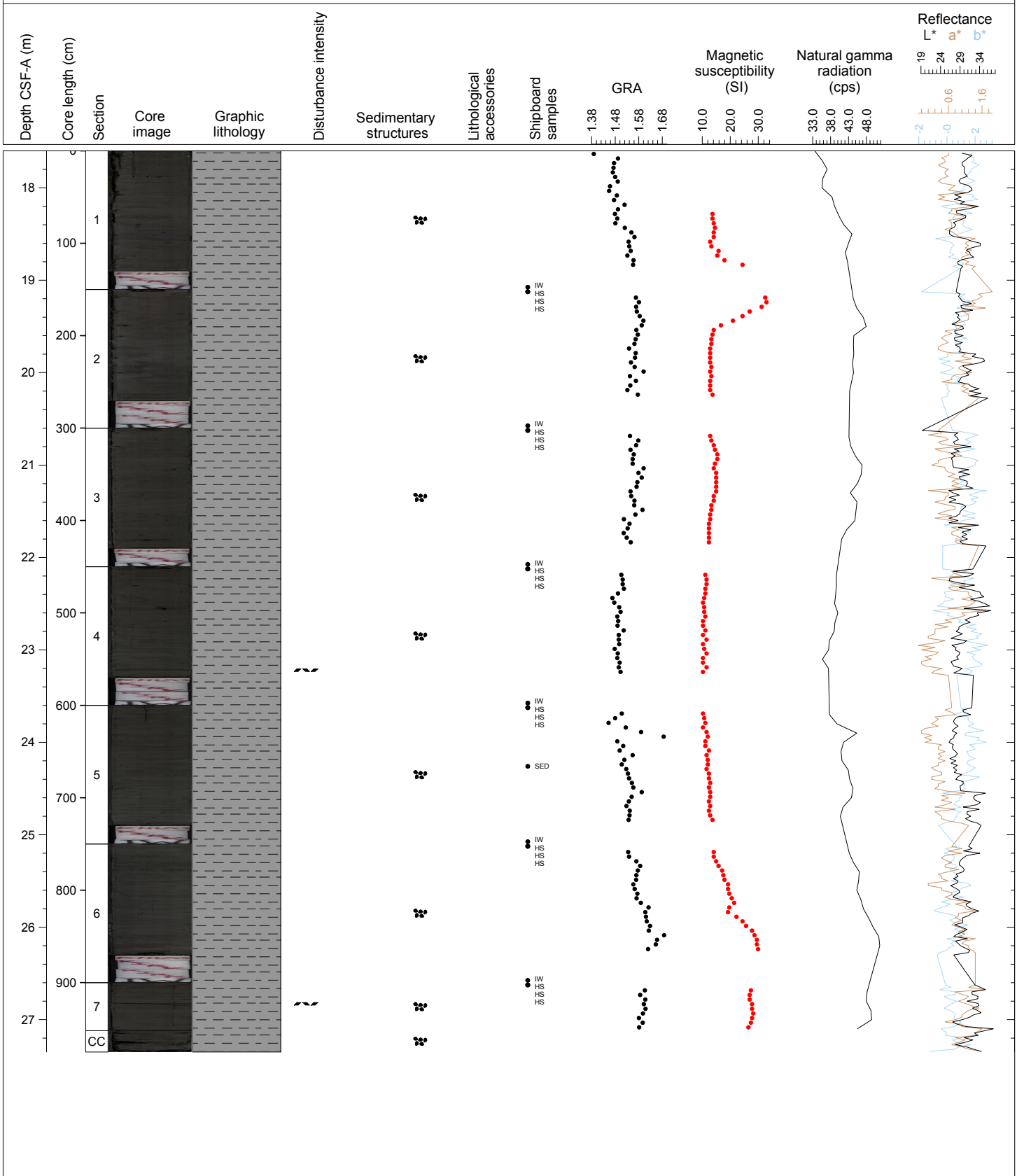
Hole 353-U1446B Core 2H, Interval 8.1-17.43 m (CSF-A)

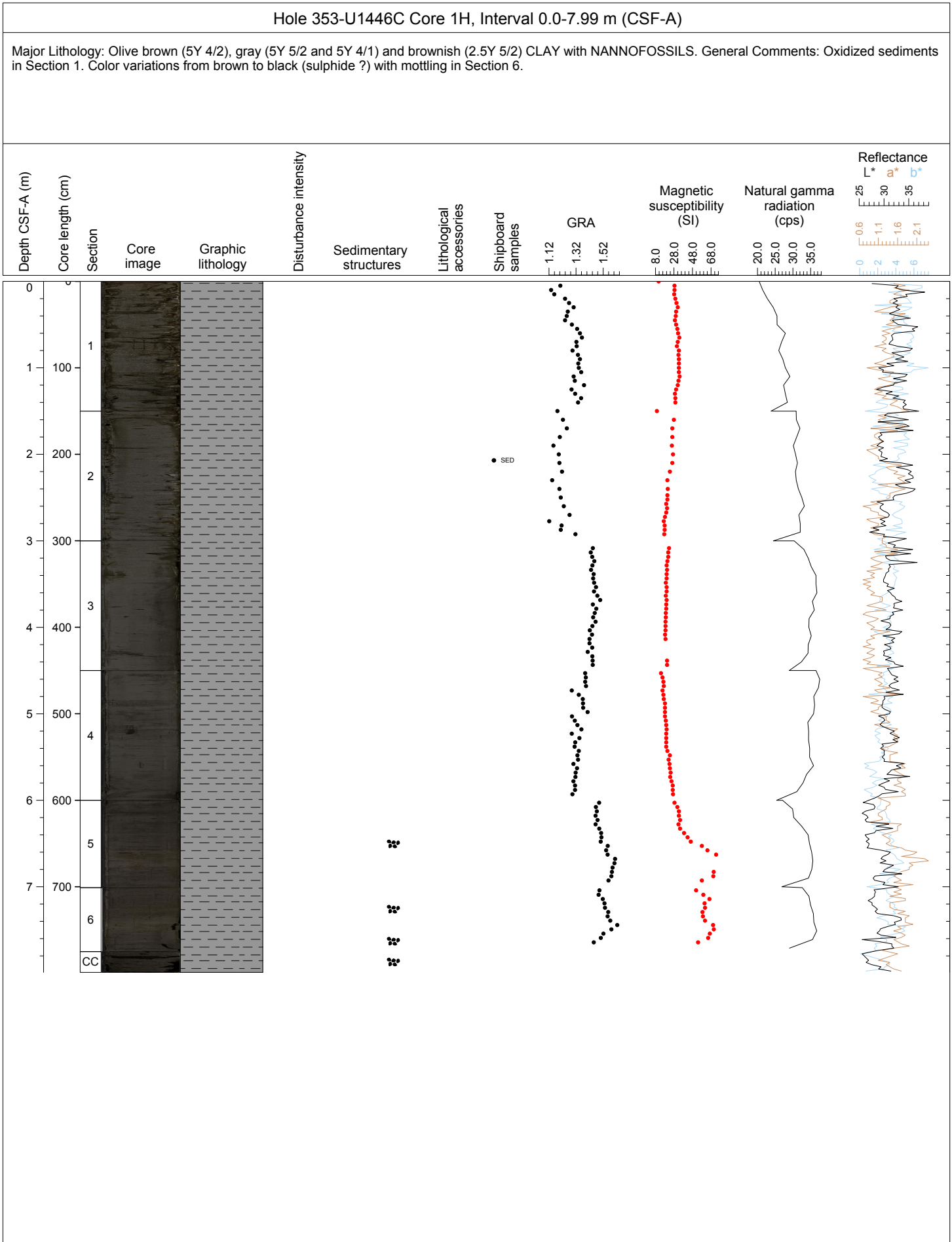
Major Lithology: Dark gray (5Y 4/1) CLAY with NANNOFOSSILS to dark greenish gray (GLEY 1 4/10Y) CLAY with FORAMINIFERS. Minor Lithology: Light gray (2.5Y 7/2) VOLCANIC ASH. General Comments: The sediment is homogeneous. Faint color variations from dark gray (5Y 4/1) to greenish gray (GLEY 1 4/10Y) with mottling. Some nodules are present, particularly from Section 4 to 7.



Hole 353-U1446B Core 3H, Interval 17.6-27.35 m (CSF-A)

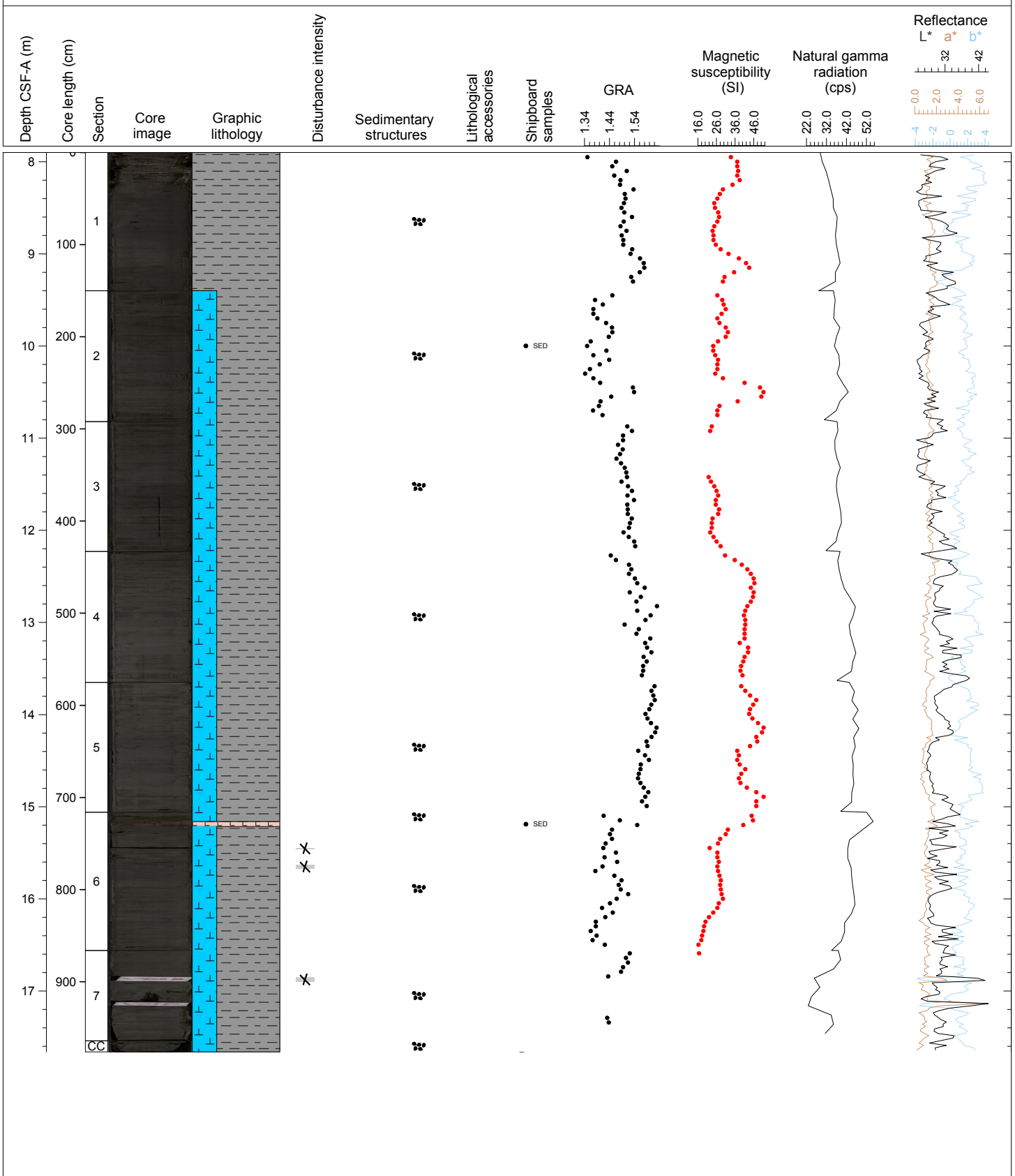
Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with FORAMINIFERS and CLAY with NANNOFOSSILS. General Comments: The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 4/5GY) to more brownish (GLEY 1 4/10Y) with mottling. Some nodules are present.

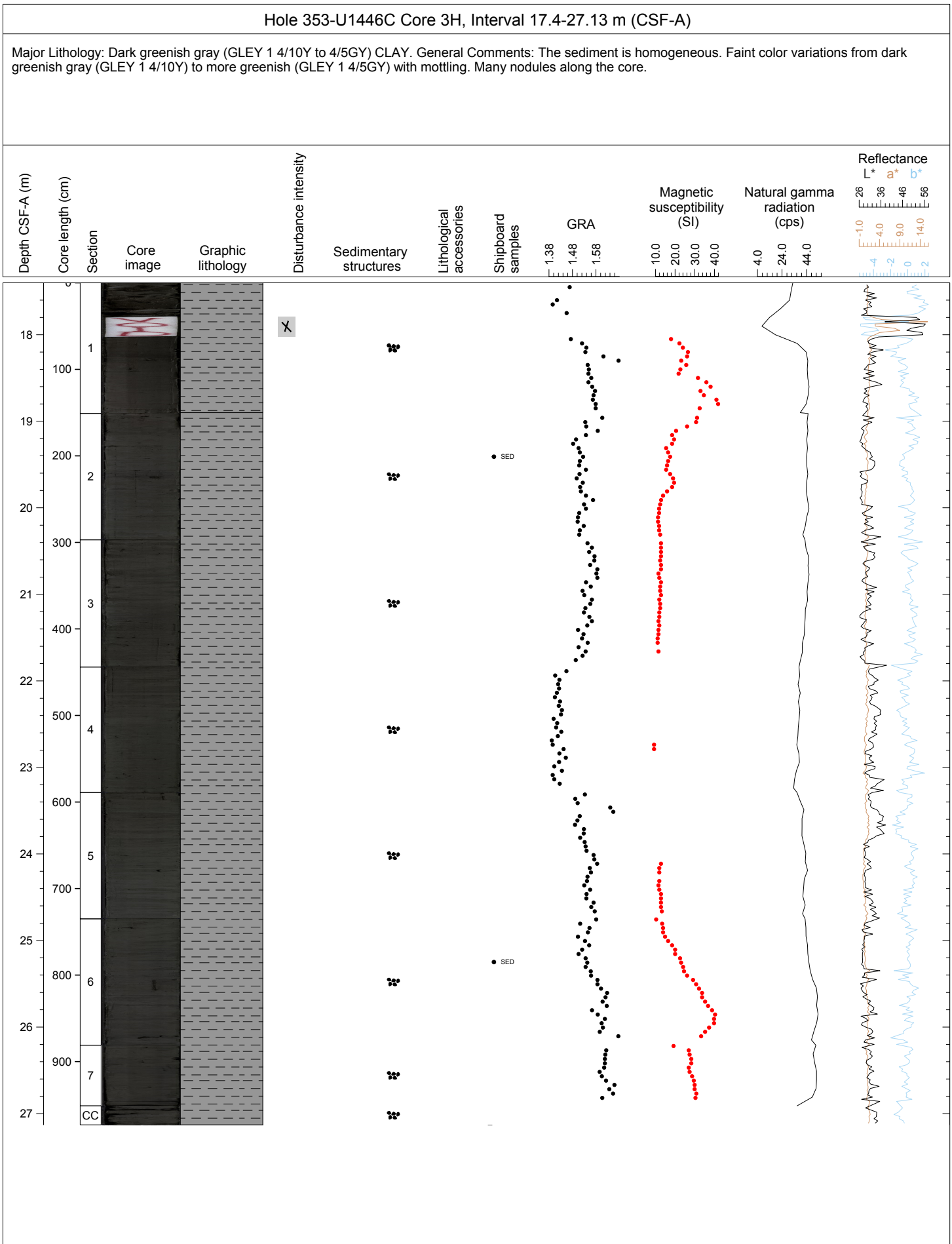


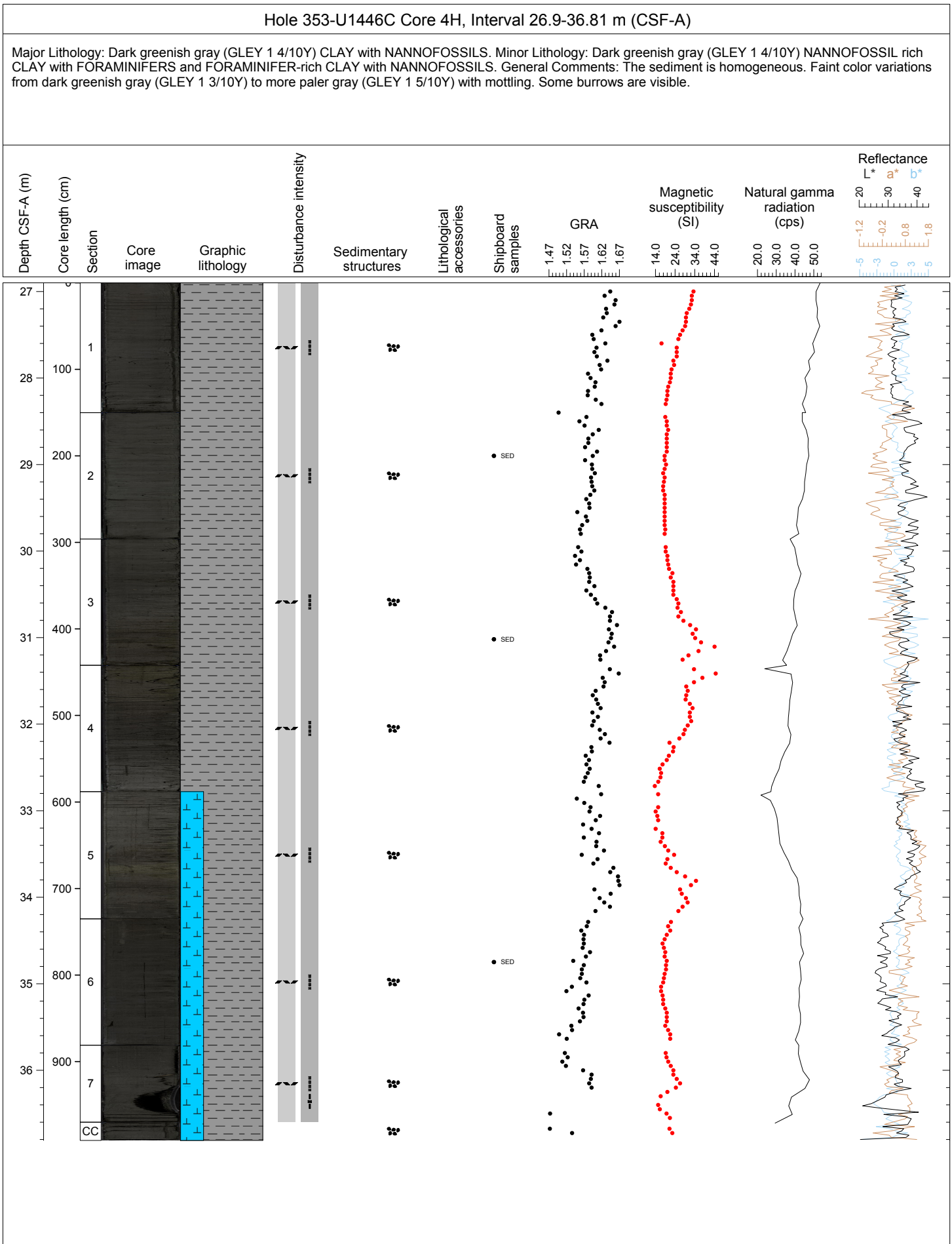


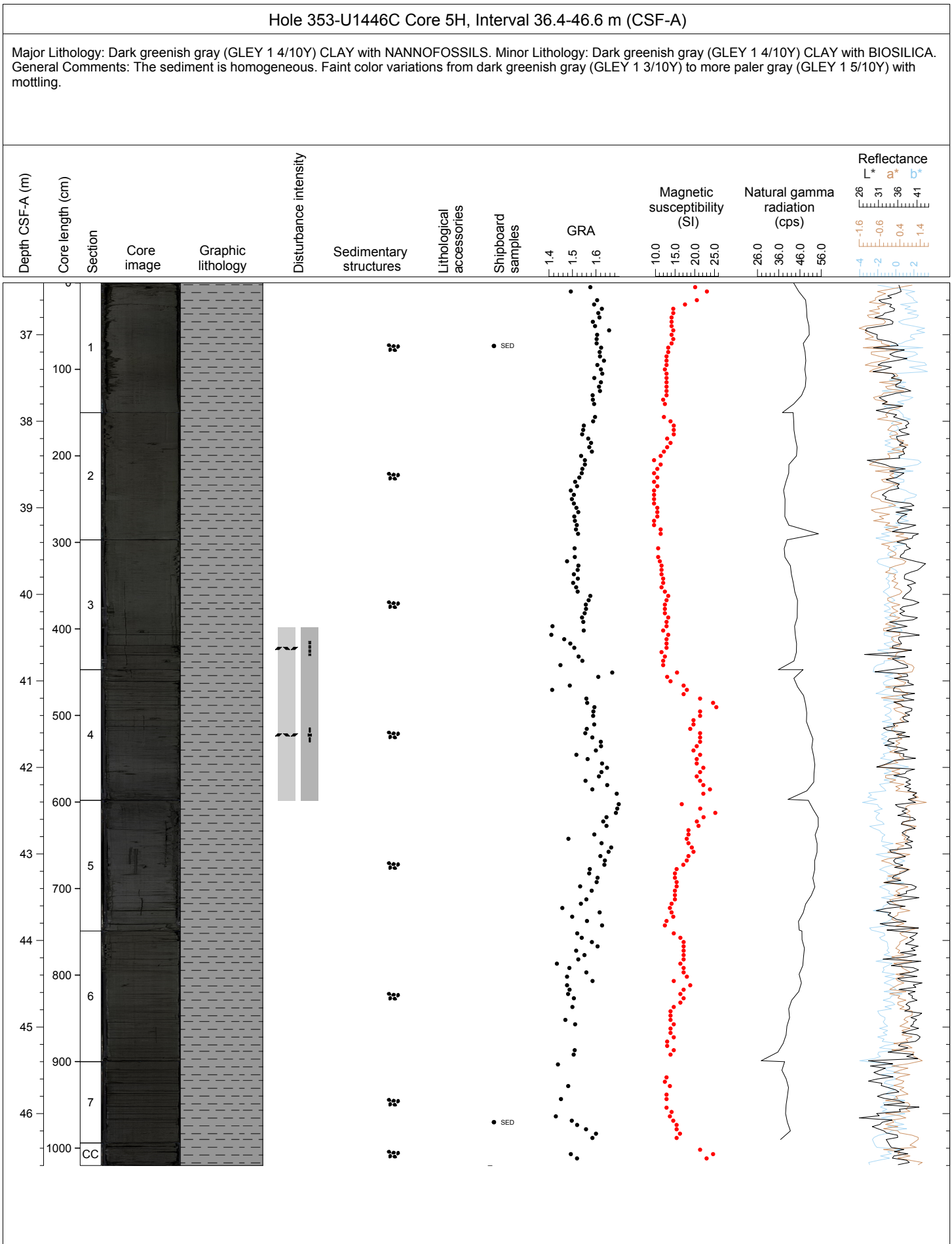
Hole 353-U1446C Core 2H, Interval 7.9-17.66 m (CSF-A)

Major Lithology: Dark gray (5Y 4/1) to greenish gray (GLEY 1 4/10Y) CLAY with NANNOFOSSILS and NANNOFOSSIL rich CLAY with FORAMINIFERS. Minor Lithology: Light gray (2.5Y 7/2) VOLCANIC ASH. General Comments: The sediment is homogeneous. Faint color variations from dark gray (5Y 4/1) to greenish gray (GLEY 1 4/10Y) in Section 1 to 4 and from dark greenish gray (GLEY 1 4/10Y) to more greenish (GLEY 1 4/5GY) in Section 5 to CC, with mottling. Some nodules and shell fragments are present.



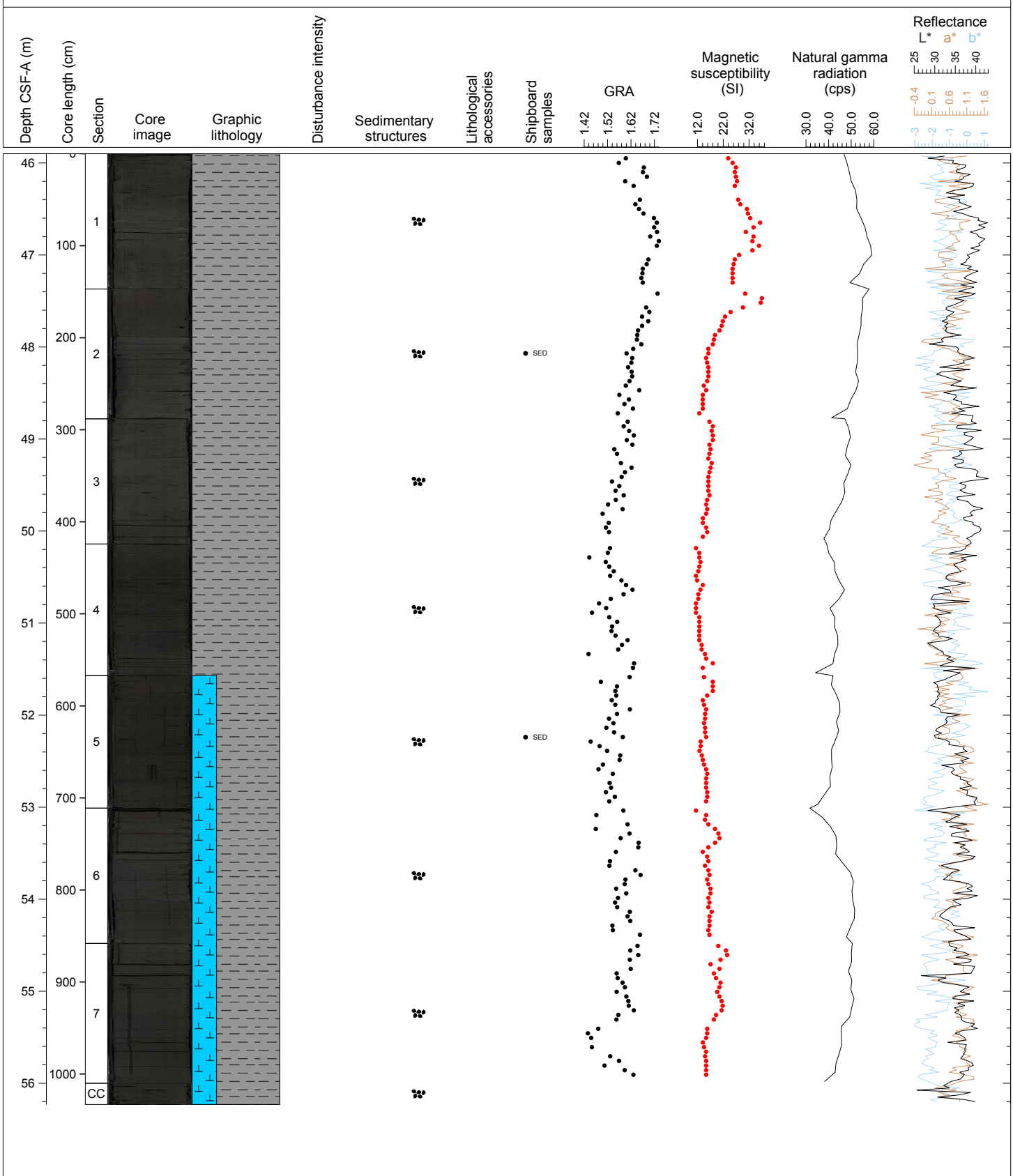


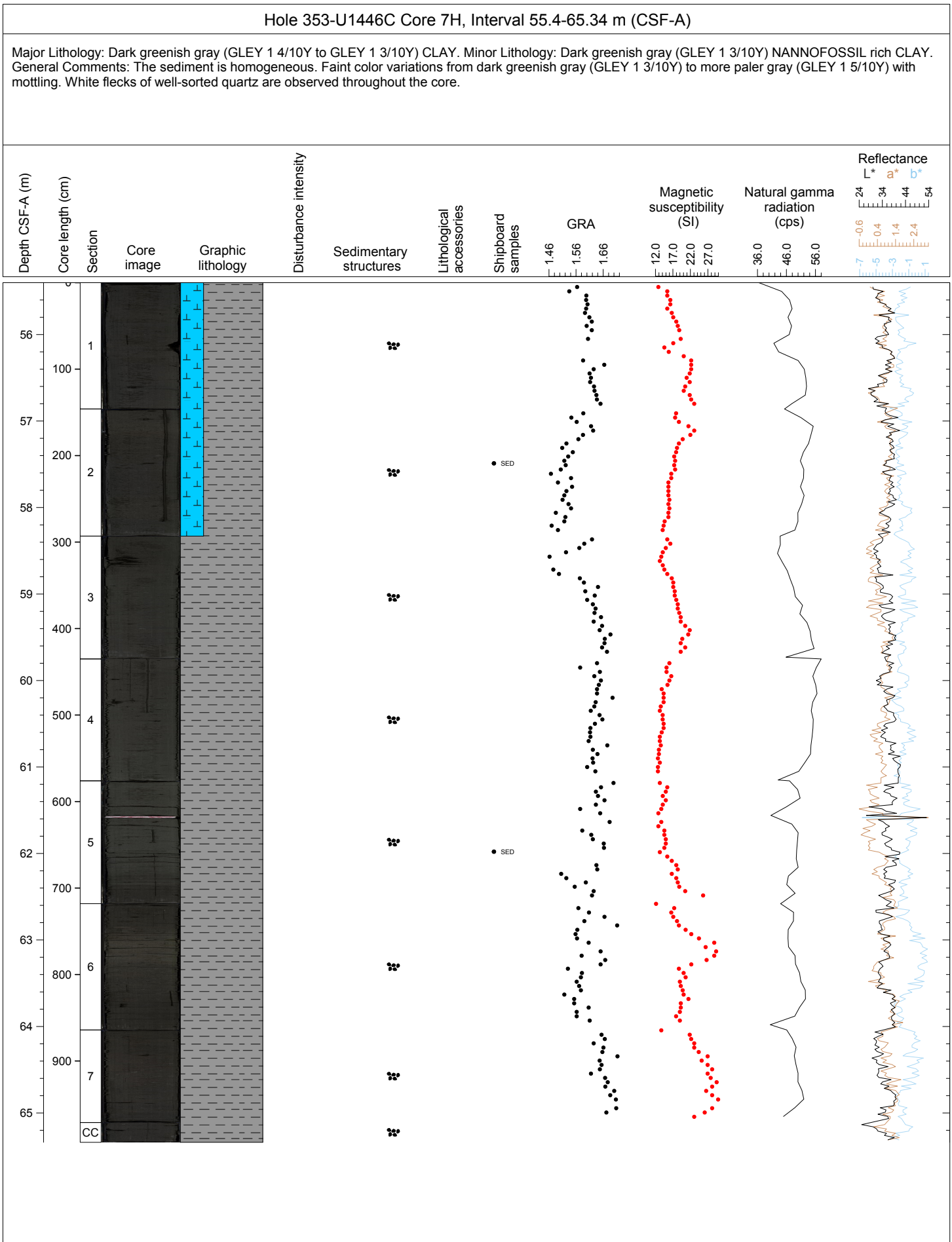


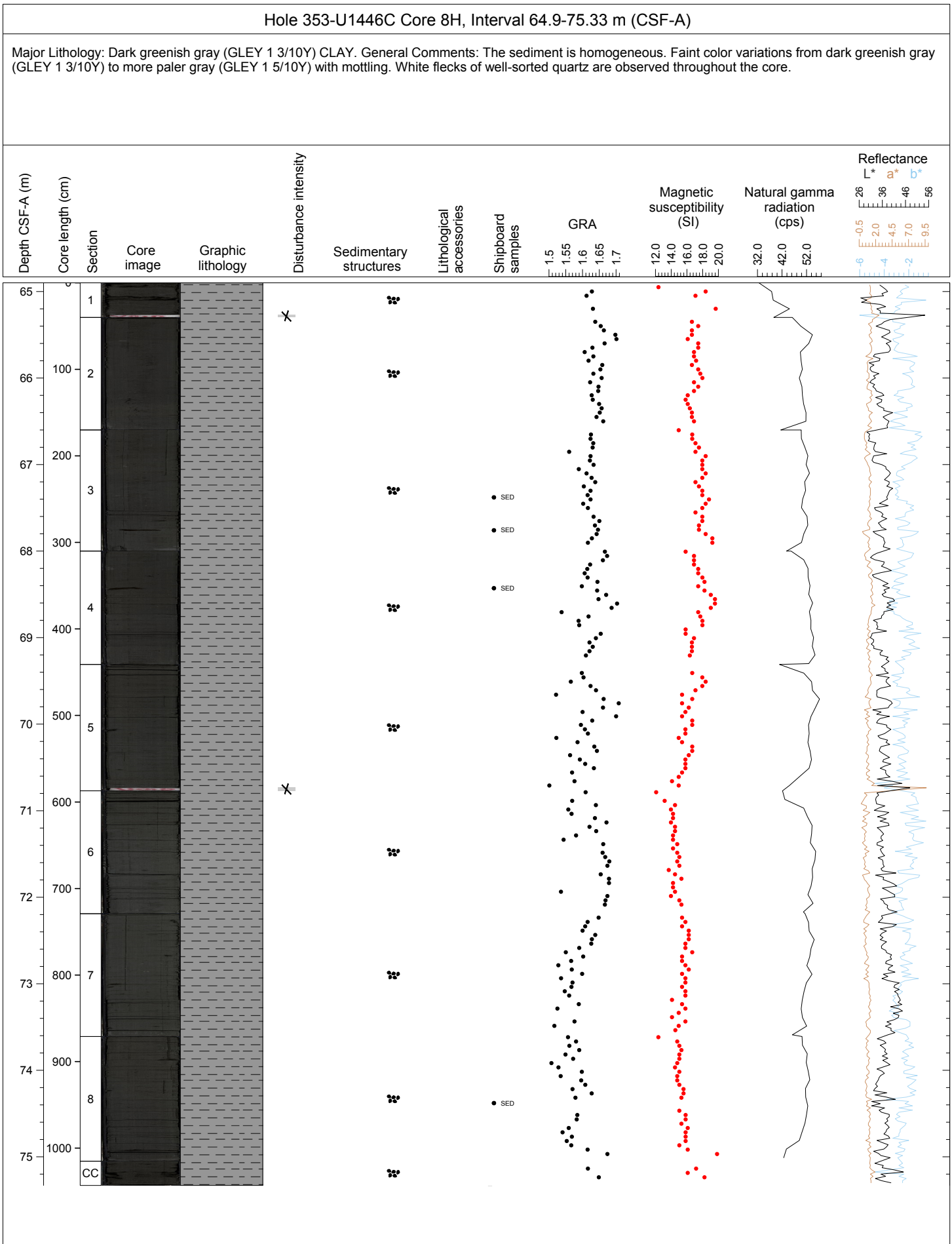


Hole 353-U1446C Core 6H, Interval 45.9-56.23 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with NANNOFOSSILS. Minor Lithology: Dark greenish gray (GLEY 1 4/10Y to GLEY 1 3/10Y) NANNOFOSSIL rich CLAY [Leg210] with FORAMINIFERS. General Comments: The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 3/10Y) to more paler gray (GLEY 1 5/10Y) with mottling. White flecks of well sorted quartz start to appear in the latter half of Section 1 through the entire core.

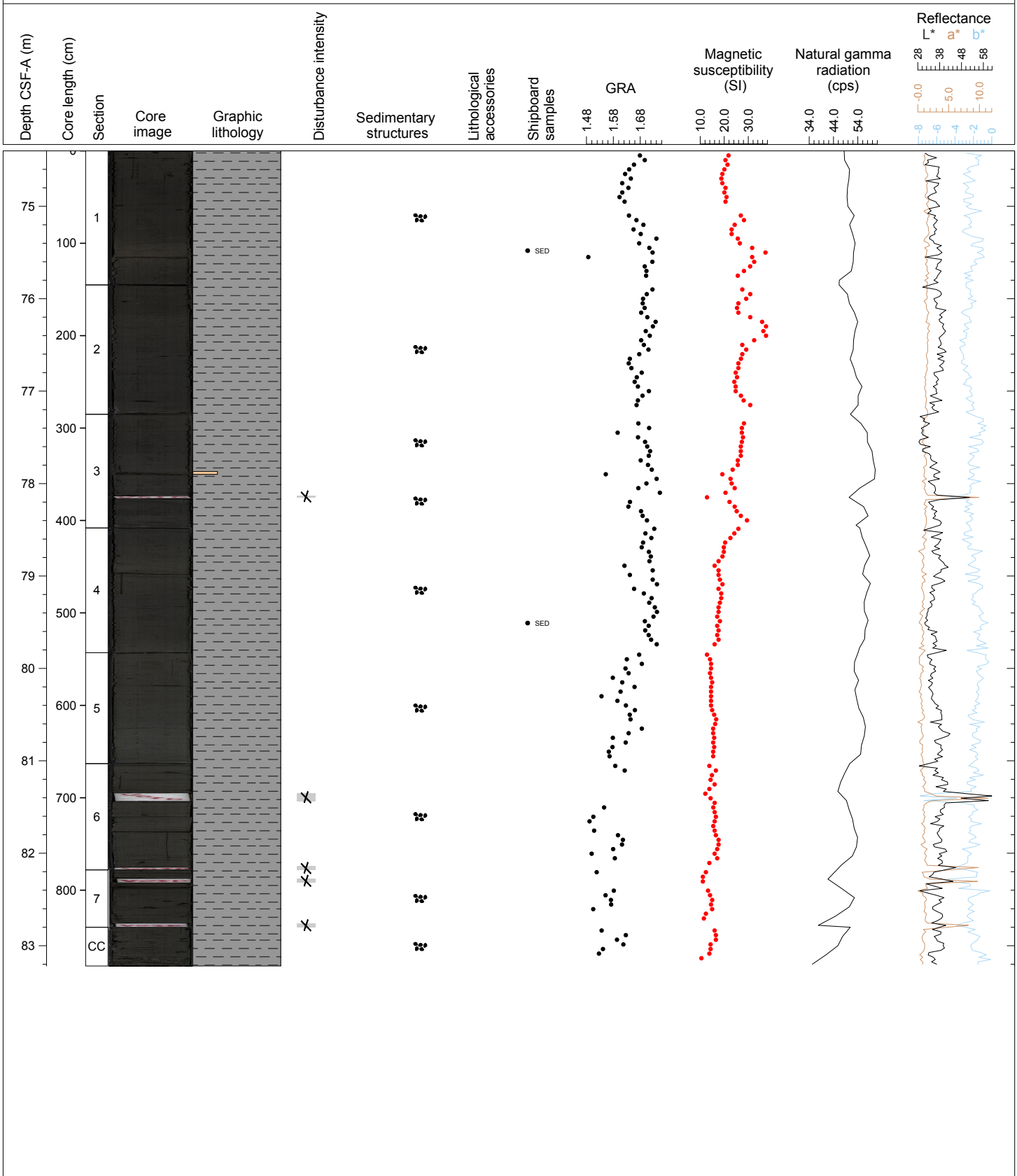






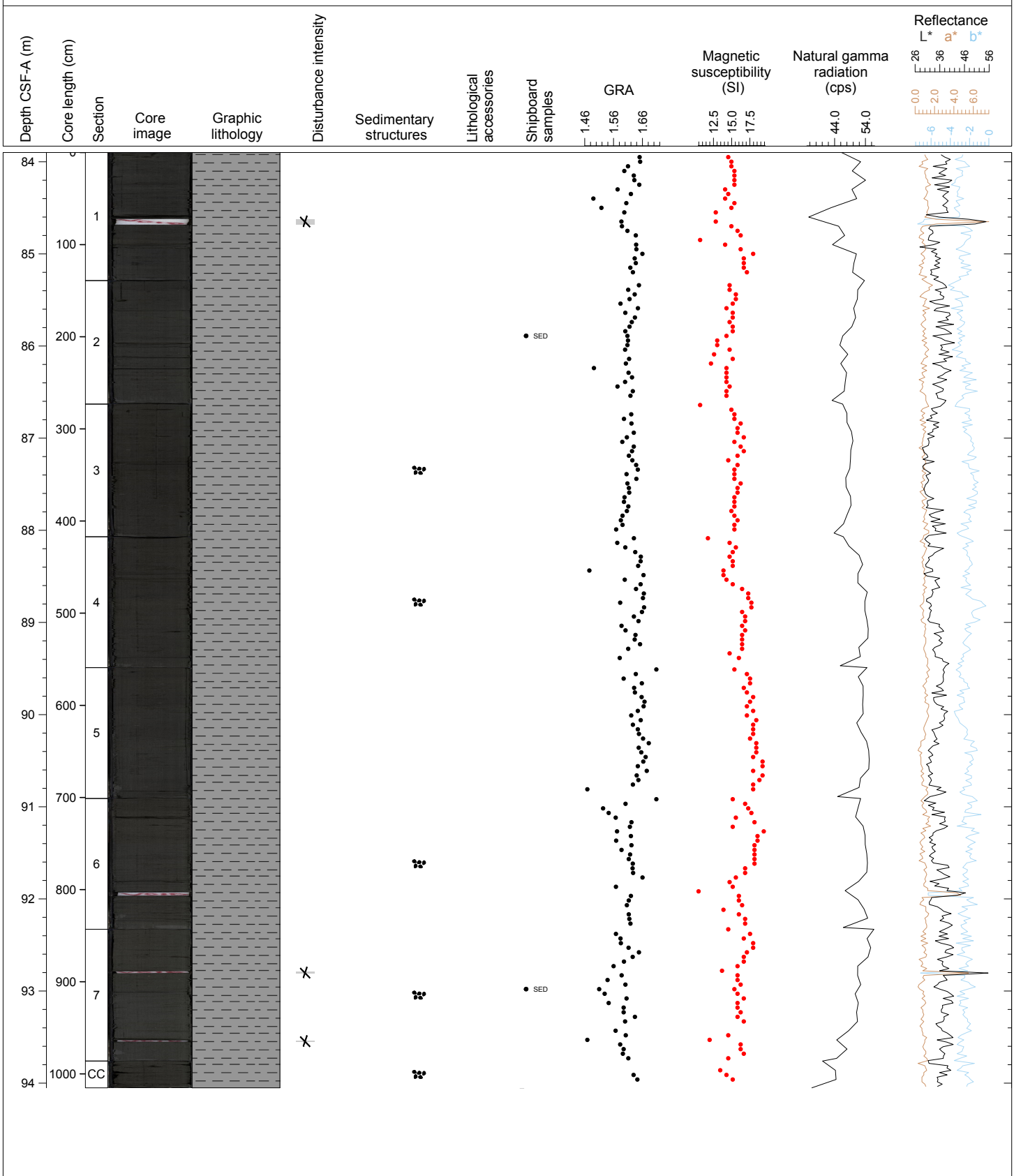
Hole 353-U1446C Core 9H, Interval 74.4-83.22 m (CSF-A)

Major Lithology: Dark gray (2.5Y 3/1 to GLEY 1 3/N) CLAY. MINOR LITHOLOGY: Dark gray (2.5Y 3/1) CLAY with NANNOFOSSILS. General Comments: The sediment is homogeneous. Faint color variations from dark gray (2.5Y 3/1) to more brownish gray (2.5Y 4/2) and from dark greenish gray (GLEY 1 3/10Y) to more paler gray (GLEY 1 5/10Y) with mottling prevalent throughout. White flecks of well-sorted quartz are observed throughout the core.



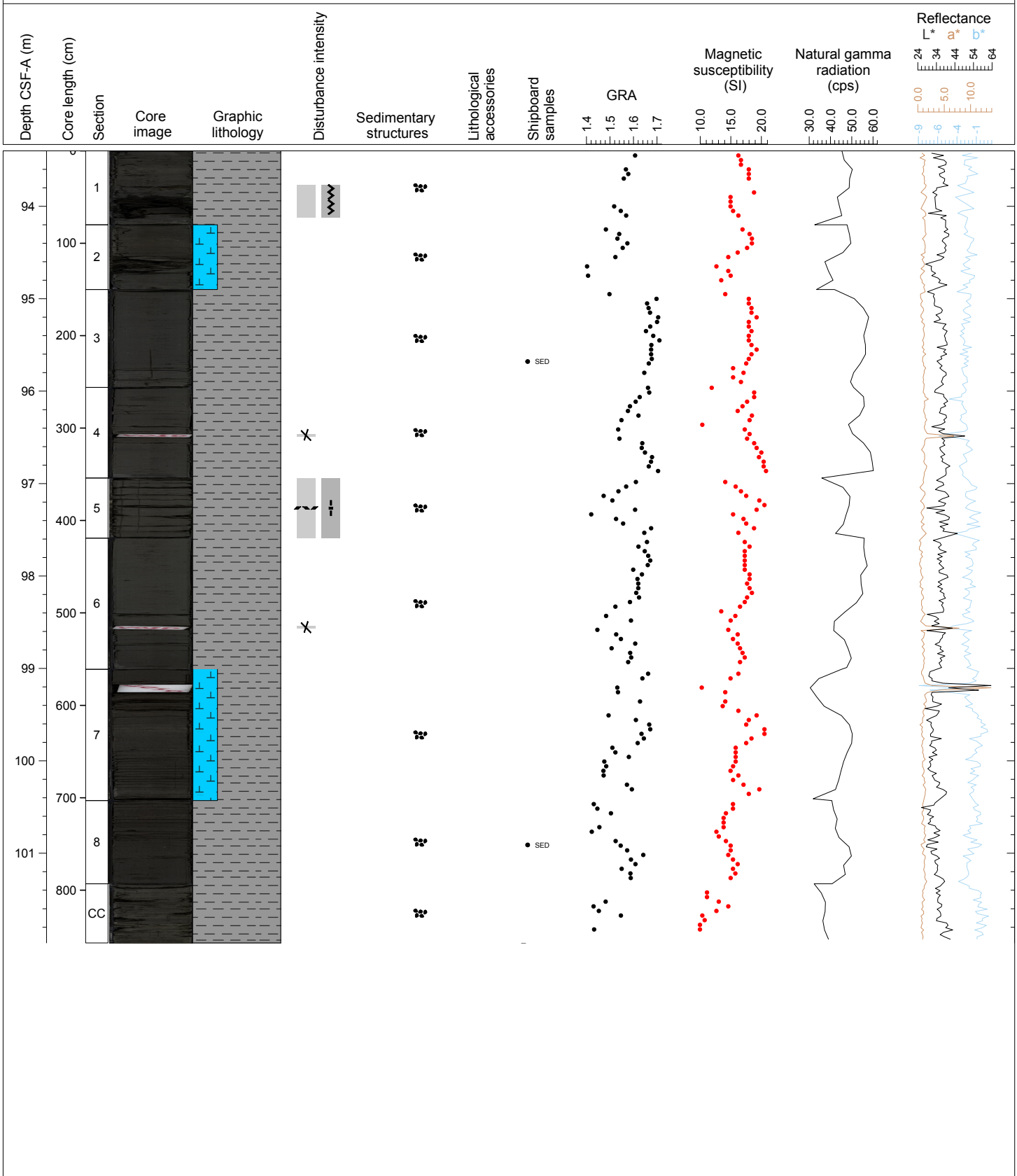
Hole 353-U1446C Core 10H, Interval 83.9-94.05 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY. General Comments: The sediment is highly homogeneous (in composition and color). White flecks of well-sorted quartz are observed throughout the core.



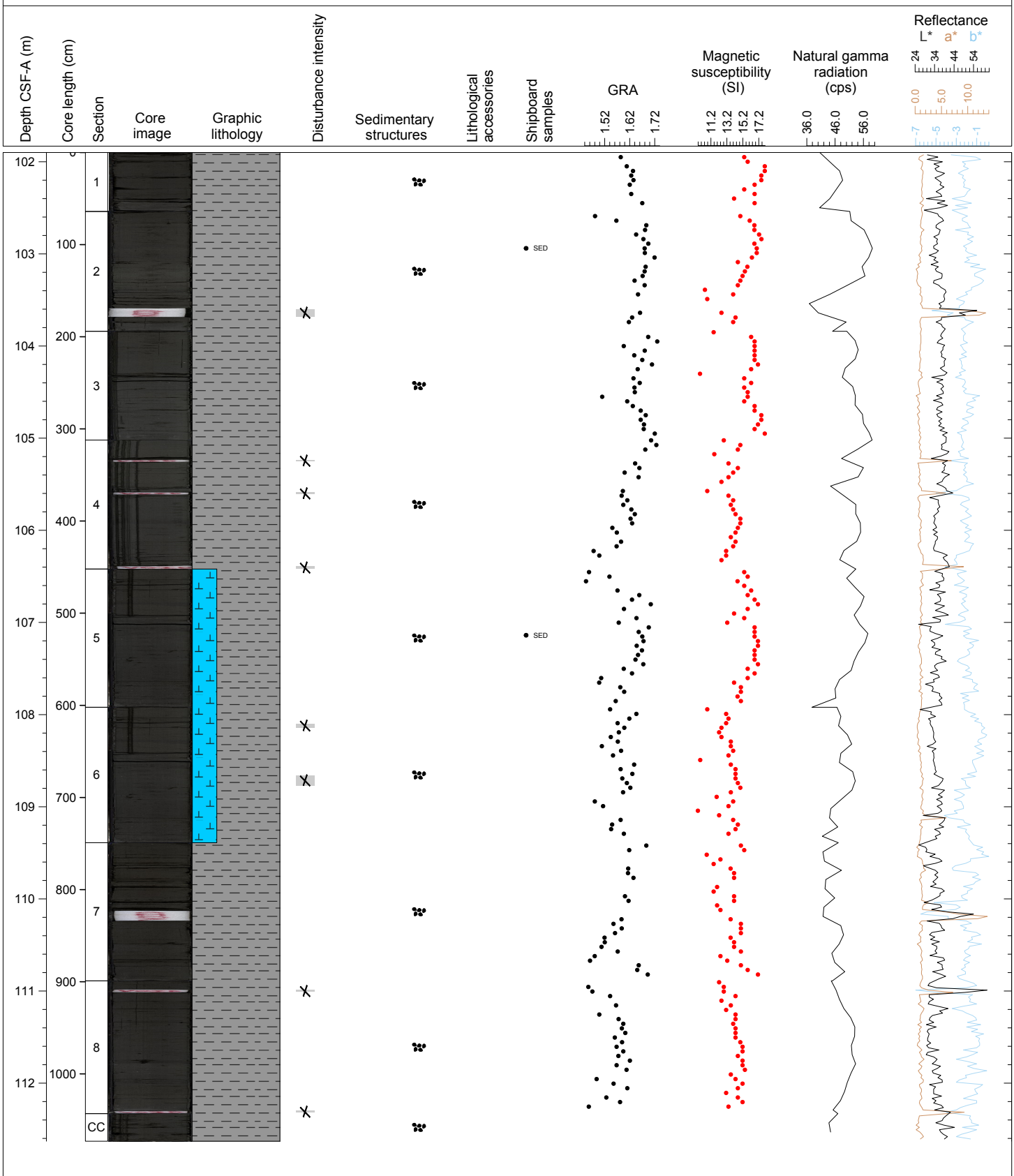
Hole 353-U1446C Core 11H, Interval 93.4-101.97 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY. Minor Lithology: Dark greenish gray (GLEY 1 4/10Y) NANNOFOSSIL rich CLAY. General Comments: The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 3/10Y) to more paler gray (GLEY 1 5/10Y) with mottling. White flecks of well-sorted quartz are observed throughout.



Hole 353-U1446C Core 12H, Interval 101.9-112.63 m (CSF-A)

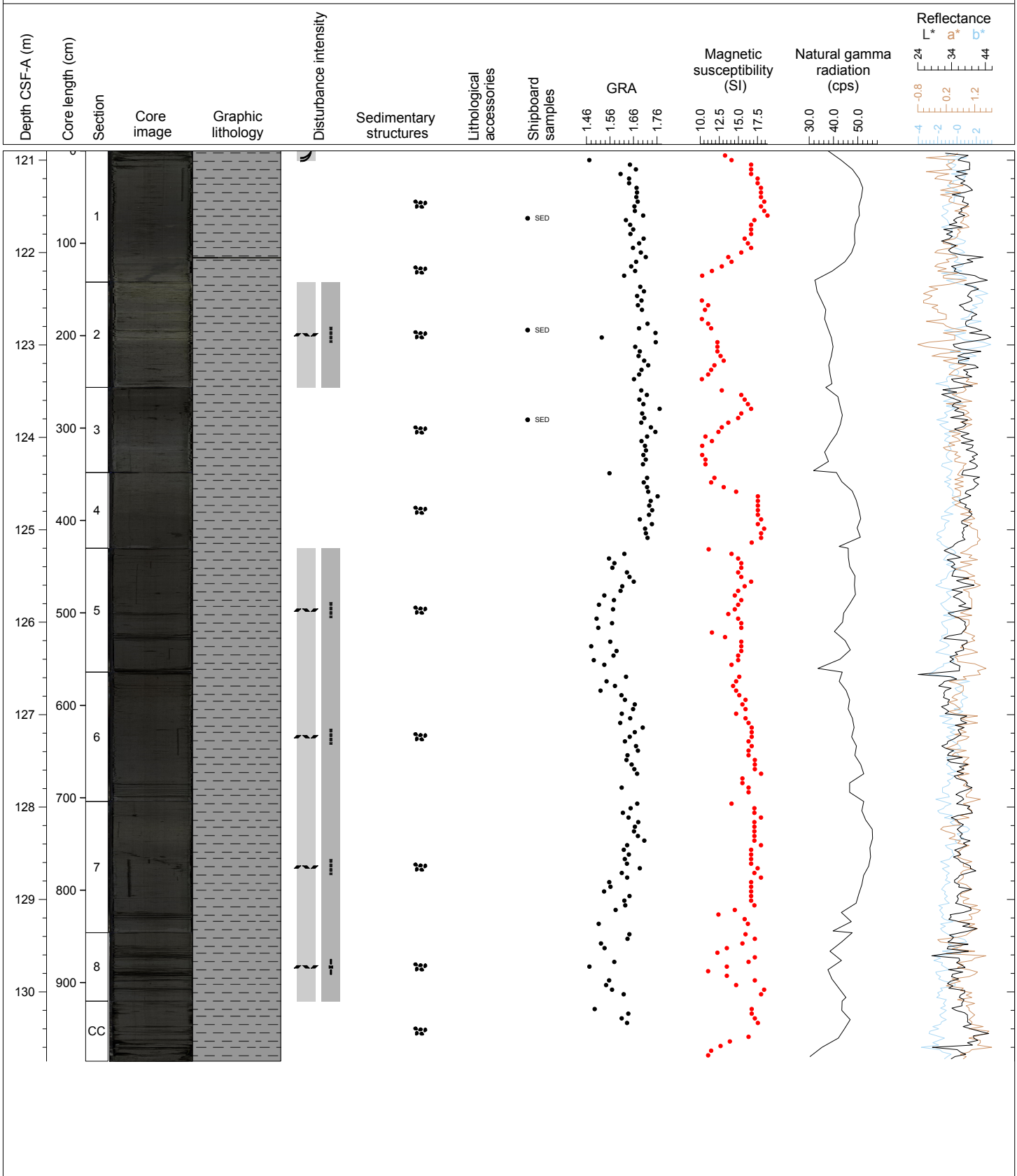
Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY. Minor Lithology: Dark greenish gray (GLEY 1 4/10Y) NANNOFOSSIL rich CLAY. General Comments: The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 3/10Y) to more paler gray (GLEY 1 5/10Y) with mottling. White flecks of well-sorted quartz are observed throughout.



U1444C-13H NO RECOVERY

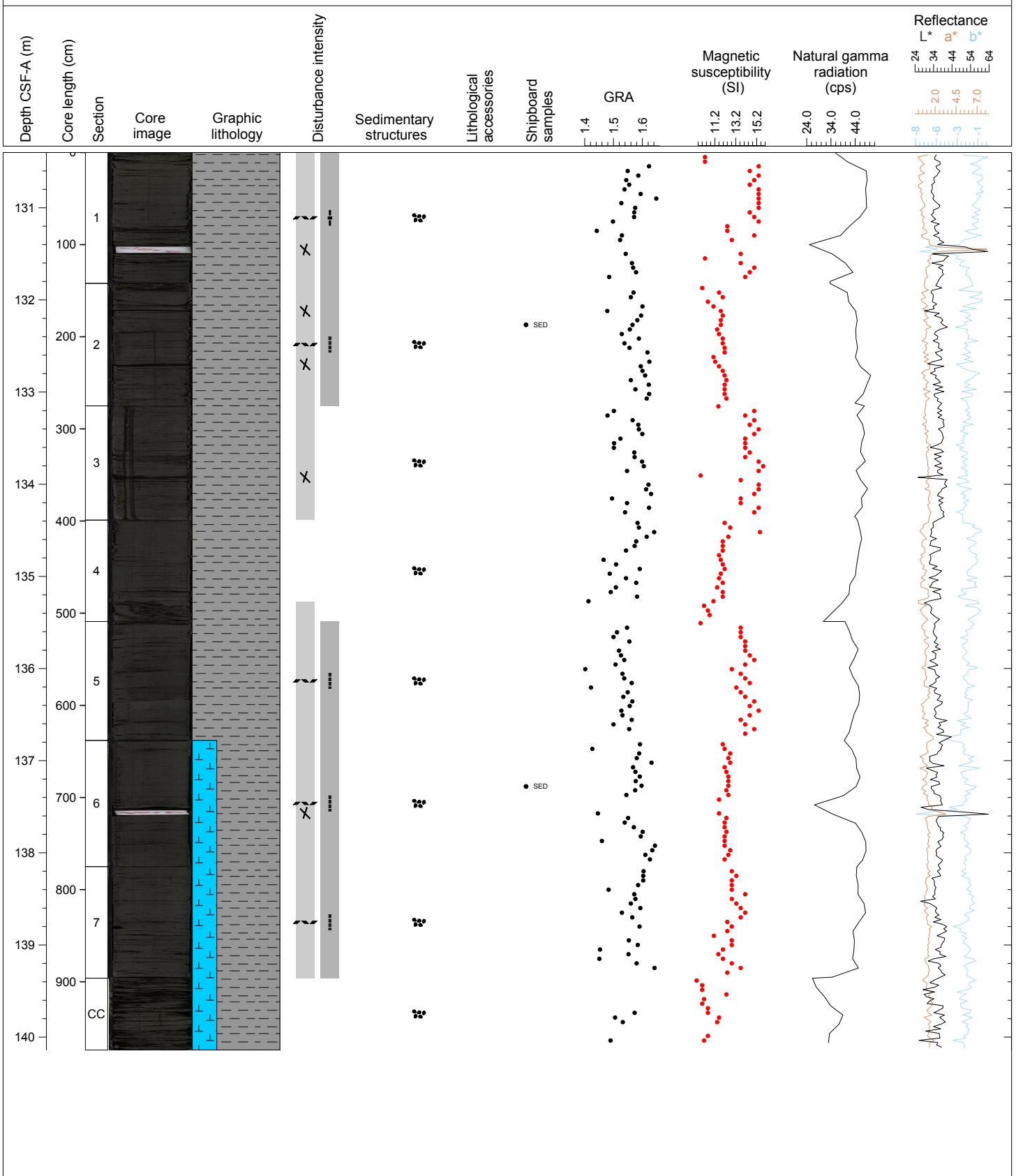
Hole 353-U1446C Core 14H, Interval 120.9-130.75 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY. General Comments: The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 3/10Y) to more paler gray (GLEY 1 6/10Y) with mottling. One sand-to-clay very thin turbidite composed of SILTY SAND in Section 1. White flecks of well-sorted quartz and light gray nodules are observed throughout. Dark gray long burrow indicating above sediments in Section 1 (from 120 to 142 cm) and long thin pyritized burrows in Section 7 (from 54 to 76 cm).



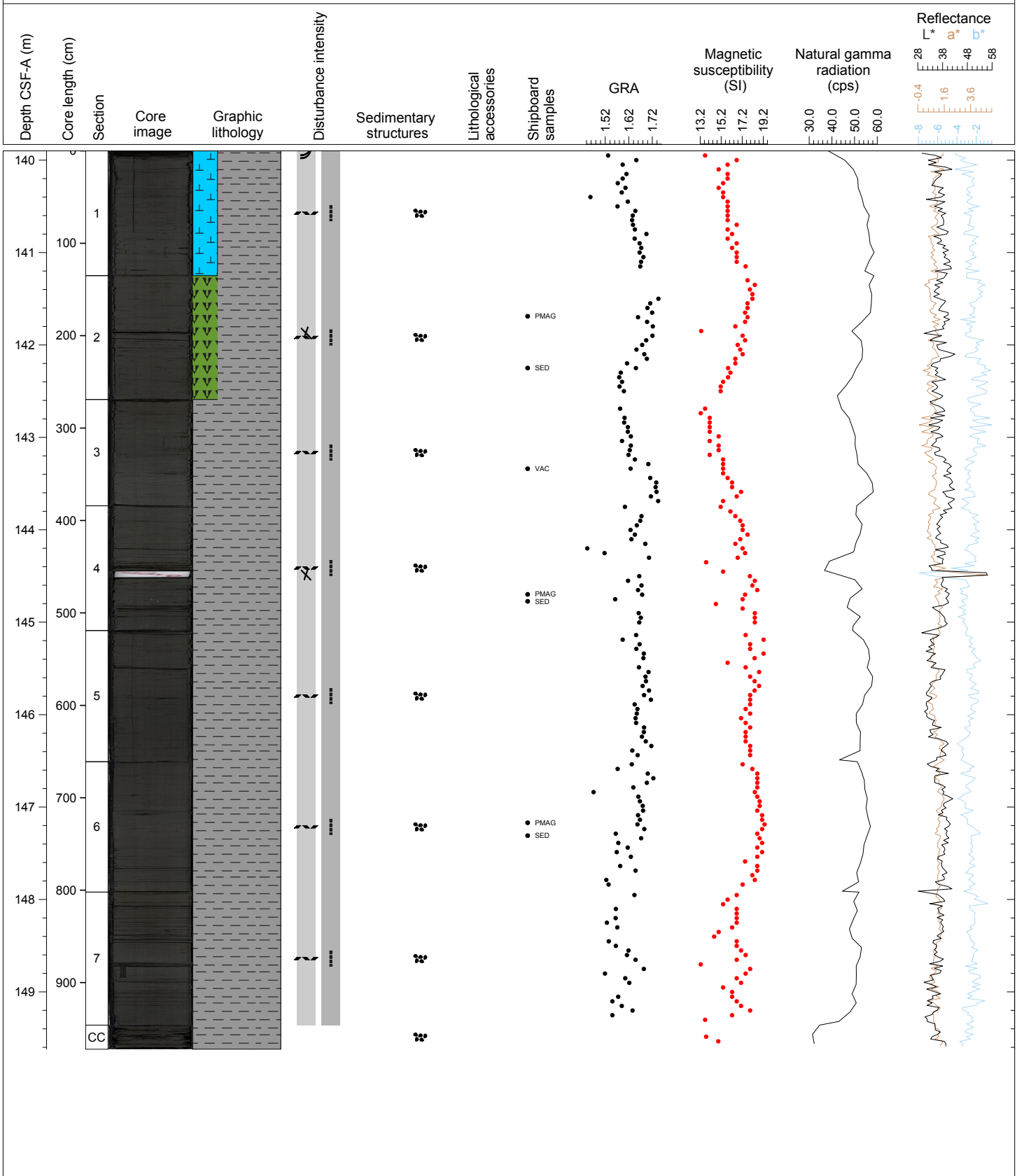
Hole 353-U1446C Core 15H, Interval 130.4-140.14 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY or NANNOFOSSIL rich CLAY. Minor Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with BIOSILICA (Section 2). General Comments: Mud and water flow-in along the edges of the liner (about 1 cm thickness) due to drilling disturbance. The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 3/10Y) to more paler gray (GLEY 1 5/10Y) with mottling. White flecks of well-sorted quartz and light gray nodules are observed throughout.



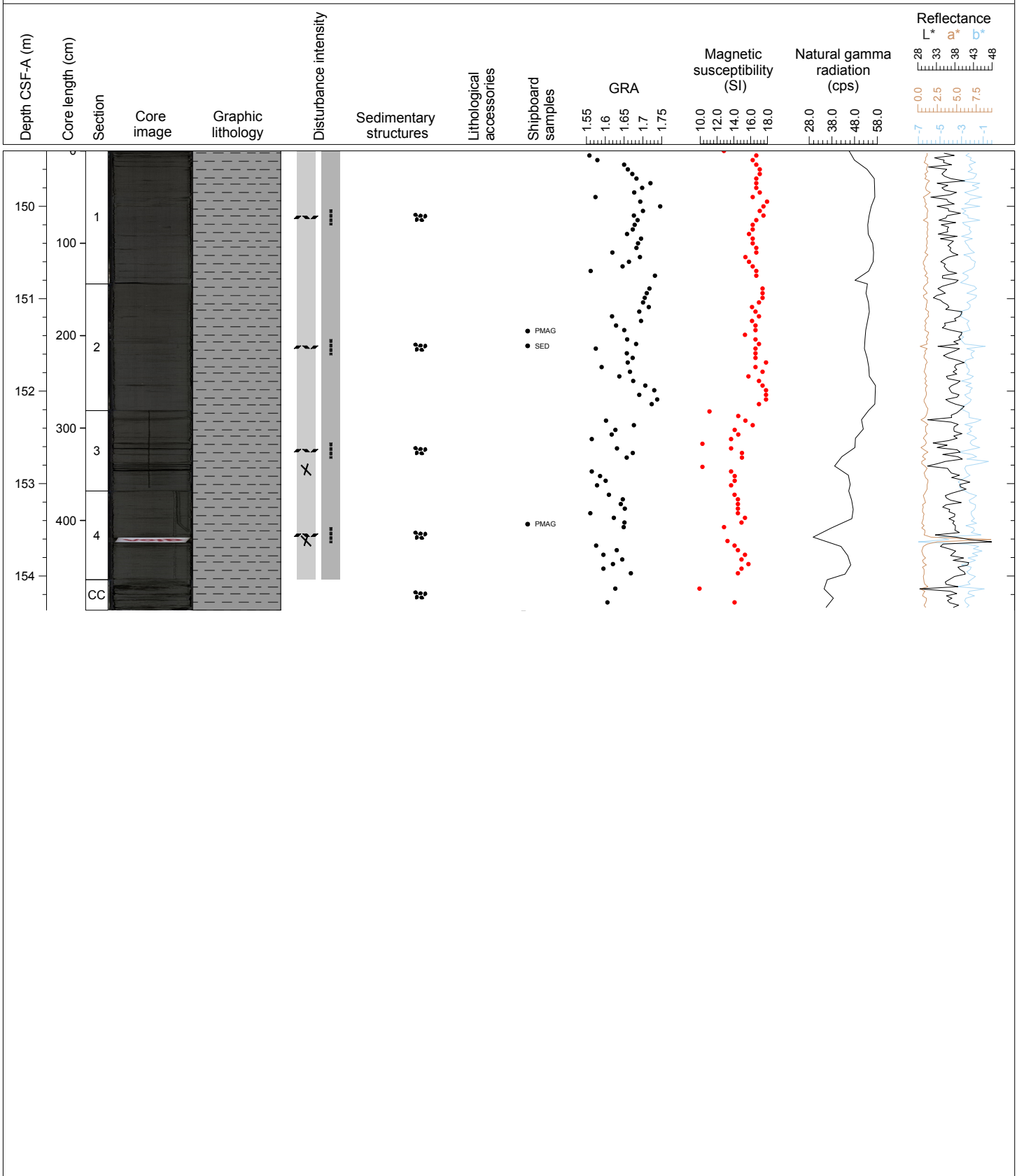
Hole 353-U1446C Core 16H, Interval 139.9-149.62 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) NANNOFOSSIL rich CLAY to CLAY with NANNOFOSSILS. Minor Lithology: Dark greenish gray (GLEY 1 4/10Y) DIATOM rich CLAY (Section 2). General Comments: The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 3/10Y) to greenish gray (GLEY 1 5/10Y) with mottling. White flecks of well-sorted quartz and light gray nodules are observed throughout.



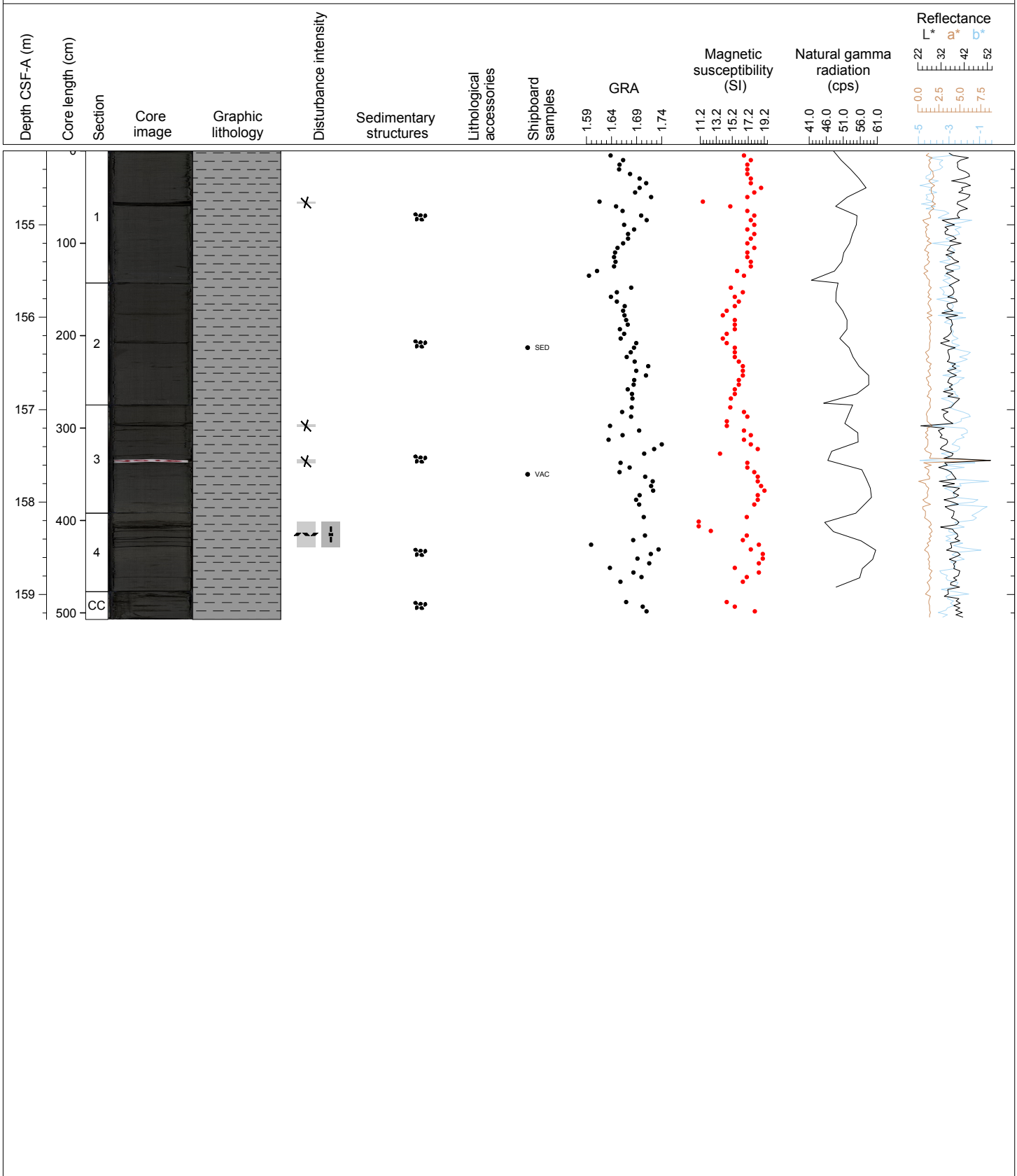
Hole 353-U1446C Core 17F, Interval 149.4-154.37 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY or CLAY with NANNOFOSSILS. General Comments: The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 4/10Y) to greenish gray (GLEY 1 5/10Y) with mottling. White flecks of well-sorted quartz and light gray nodules are observed throughout.



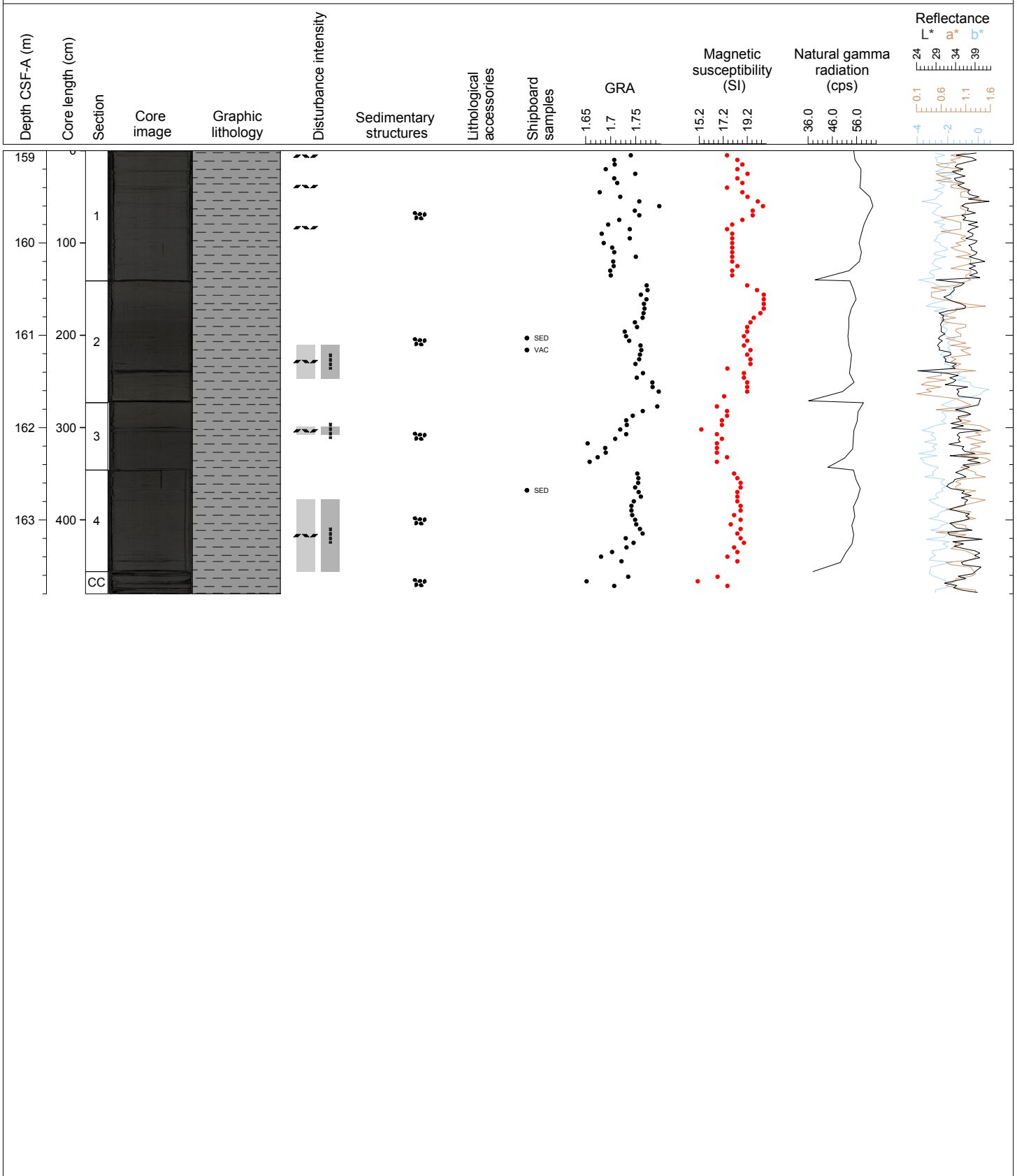
Hole 353-U1446C Core 18F, Interval 154.2-159.27 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY or CLAY with FORAMINIFERS. General Comments: The sediment is homogeneous. Faint color variations from very dark greenish gray (GLEY 1 3/10Y) to dark greenish gray (GLEY 1 4/10Y) with mottling. White flecks of well-sorted quartz and light gray nodules are observed throughout.



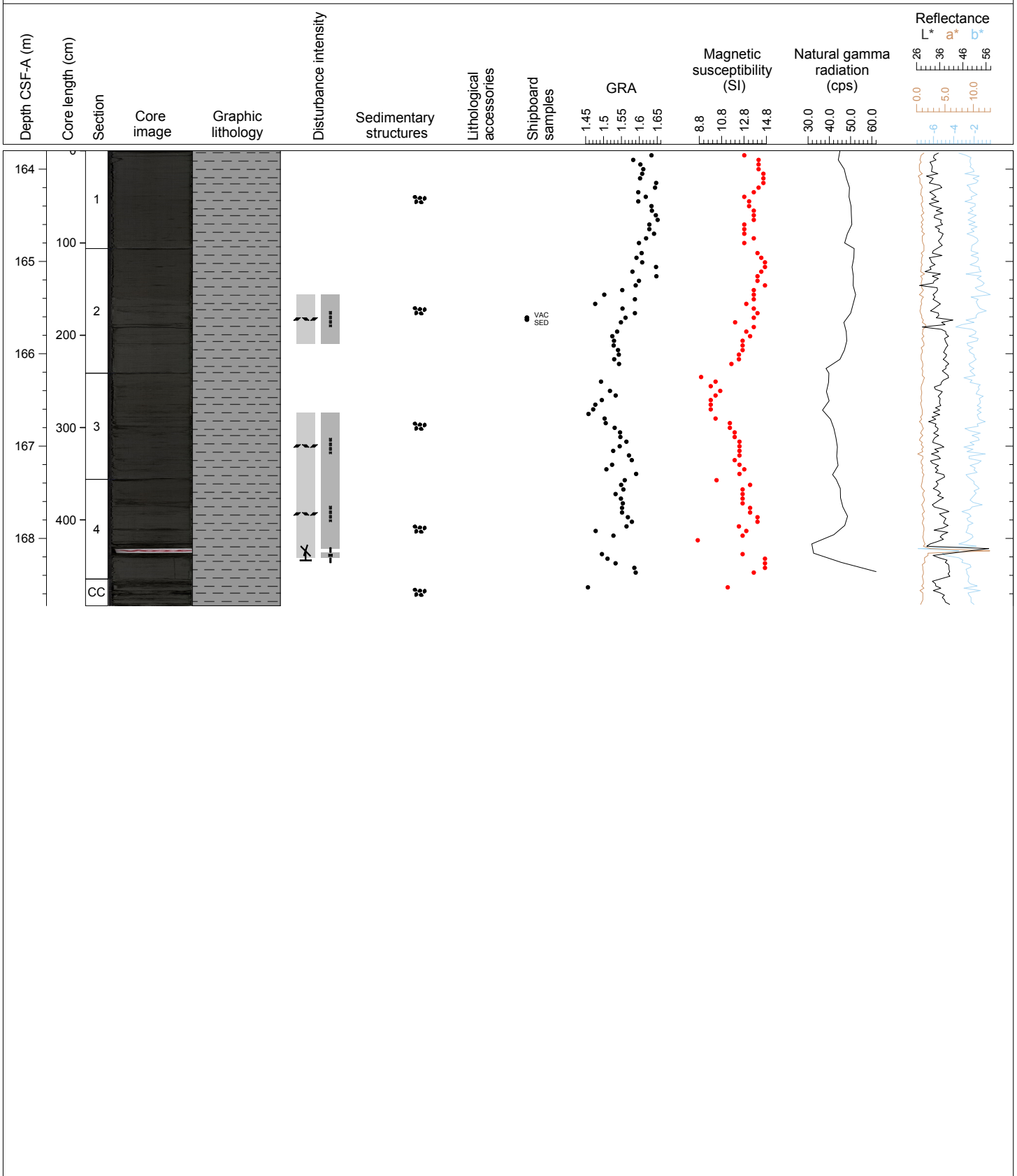
Hole 353-U1446C Core 19F, Interval 159.0-163.8 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with FORAMINIFERS. General Comments: The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 4/10Y) to very dark greenish gray (GLEY 1 3/10Y) or more greenish (GLEY 1 4/5GY) with mottling. White flecks of well-sorted quartz and few light gray nodules are observed throughout.



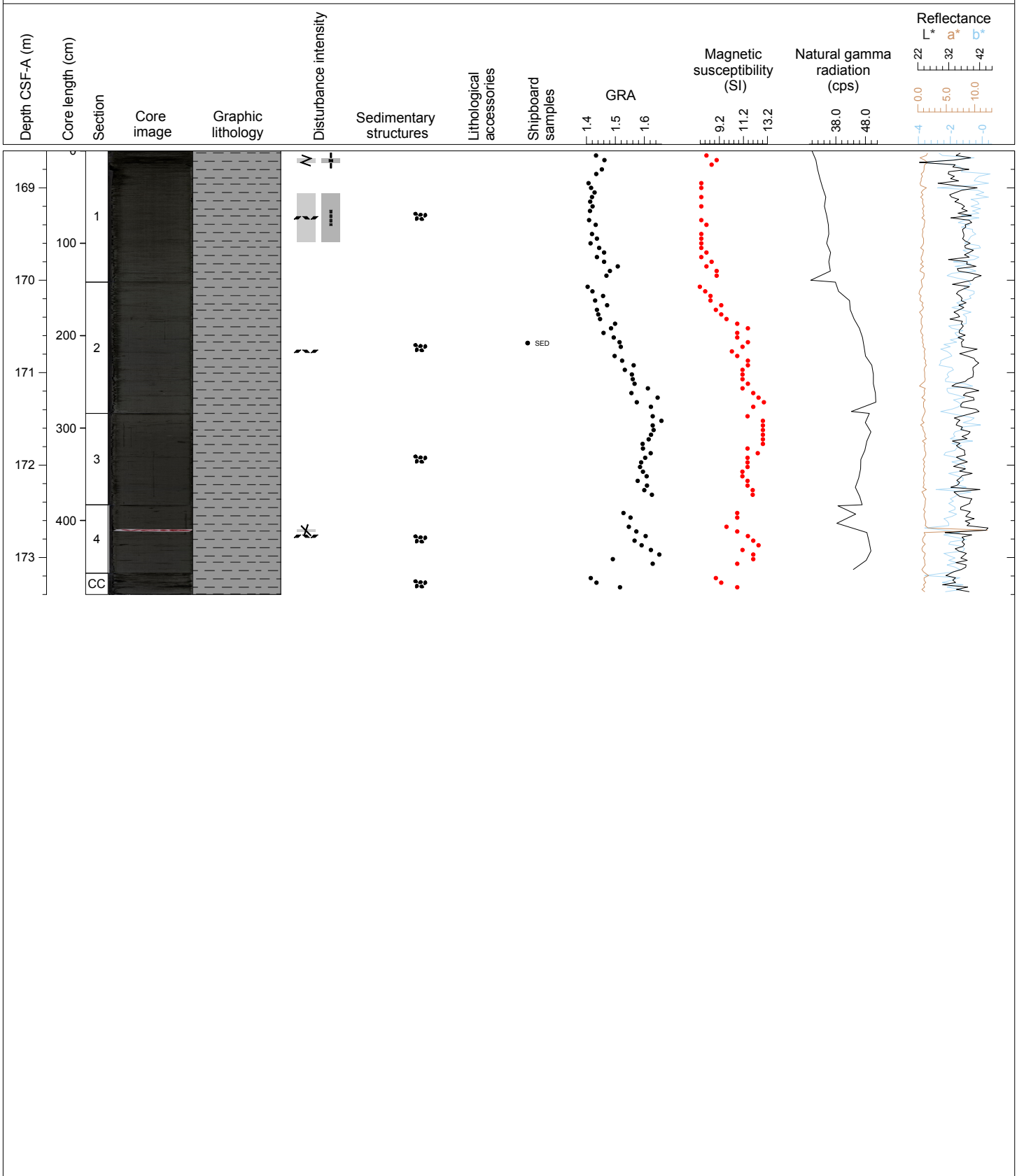
Hole 353-U1446C Core 20F, Interval 163.8-168.73 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with FORAMINIFERS. General Comments: The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 4/10Y) to very dark greenish gray (GLEY 1 3/10Y) or more greenish (GLEY 1 4/5GY) with mottling. White flecks of well-sorted quartz and few light gray nodules are observed throughout.



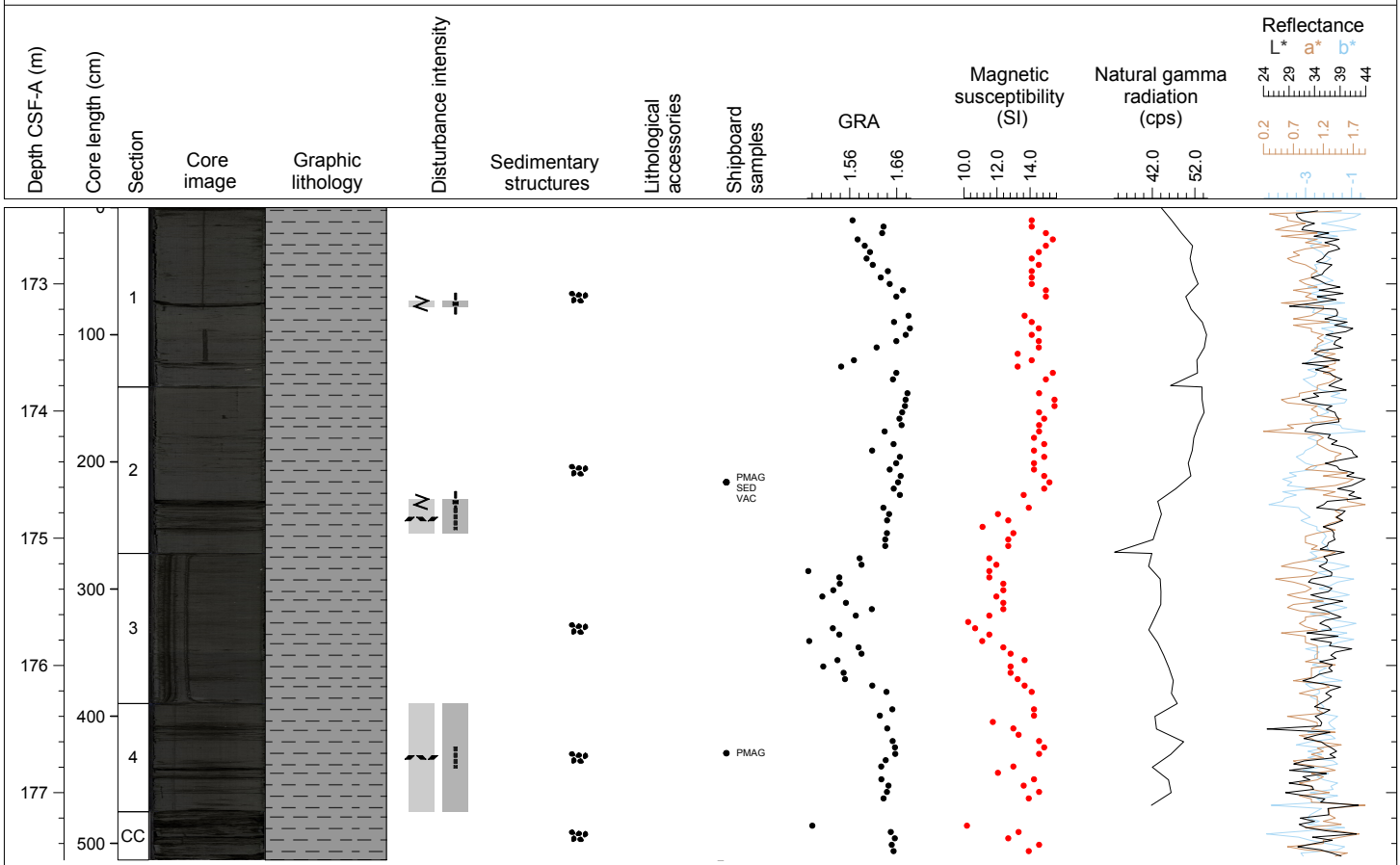
Hole 353-U1446C Core 21F, Interval 168.6-173.4 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with BIOSILICA. General Comments: The sediment is homogeneous. Faint color variations from dark greenish gray (GLEY 1 4/10Y) to very dark greenish gray (GLEY 1 3/10Y) or more greenish (GLEY 1 4/5GY) with mottling. White flecks of well-sorted quartz are observed throughout.



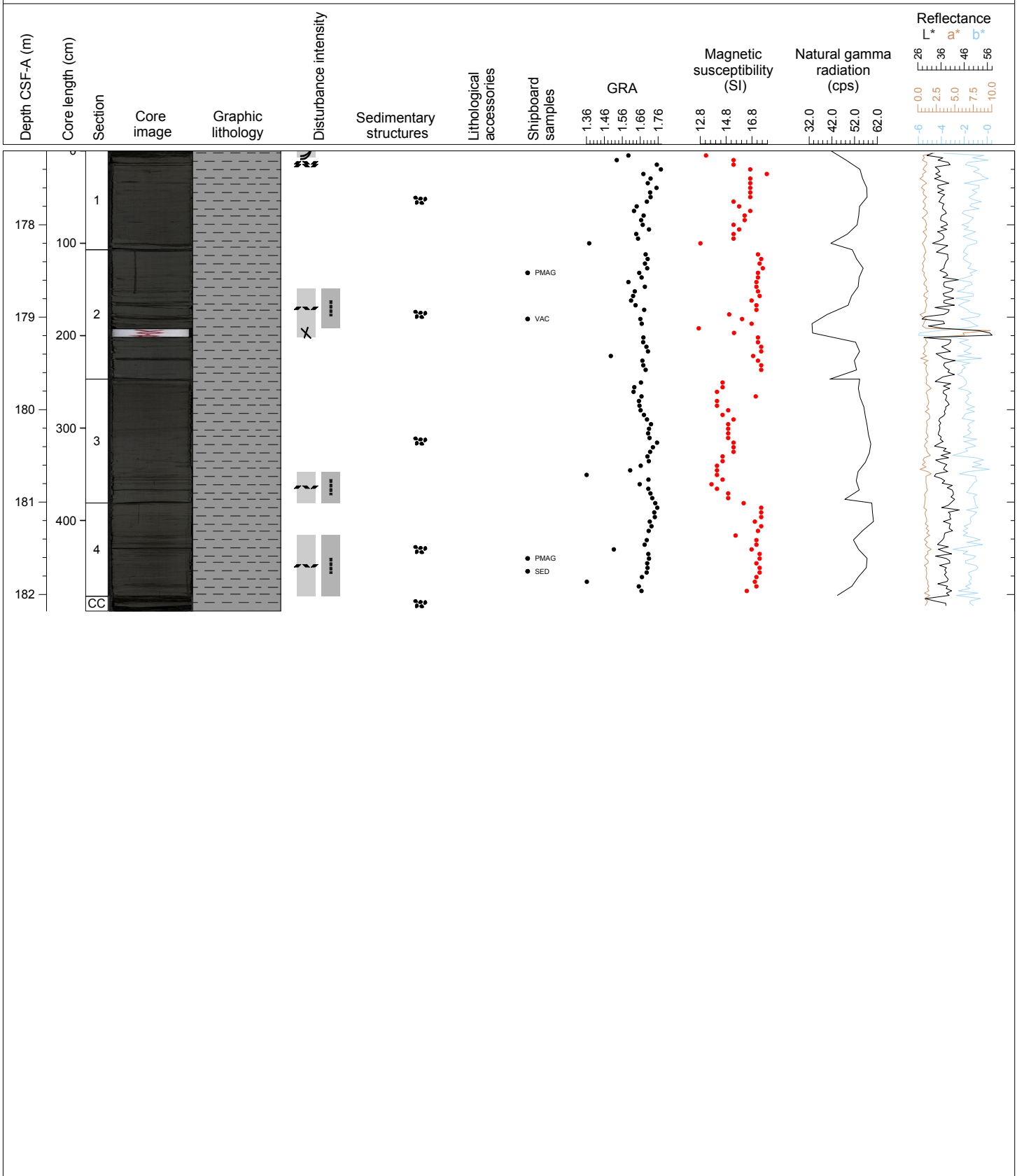
Hole 353-U1446C Core 22F, Interval 172.4-177.53 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY with BIOSILICA. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to very dark greenish gray (GLEY 1 3/10Y) or more greenish (GLEY 1 4/5GY) with mottling. White flecks of well-sorted quartz and few light gray nodules are observed throughout.



Hole 353-U1446C Core 23F, Interval 177.2-182.18 m (CSF-A)

Major Lithology: Dark greenish gray (GLEY 1 4/10Y) CLAY or CLAY with BIOSILICA. General Comments: The sediment is homogeneous. Very faint color variations from dark greenish gray (GLEY 1 4/10Y) to very dark greenish gray (GLEY 1 3/10Y) or more greenish (GLEY 1 4/5GY) with mottling. White flecks of well-sorted quartz and few light gray nodules are observed throughout.



Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Clay minerals [%]	Lithic grains [%]	Glauconite [%]	Fe sulfides (opaques) [%]	Vitric grains [%]	Fe-oxides [%]	Carbonate, authigenic [%]	Foraminifers [%]	Calcareous nannofossils [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other biosiliceous fossil fragments [%]	Fish debris [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment	
353-U1446A-1H-1-A 1/1-SED	0	0	0.01	0.01	3	53	45	8		4	56		3			4								1	10	1	4	100		clay [Leg210]	with silt [2014]	major lithology		
353-U1446A-1H-2-A 45/45-SED	0	0	1.95	1.95	7	53	40	5		3	50		1			2		8	10	5			5			7		4	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1446A-1H-3-A 20/20-SED	0	0	3.2	3.2	1	39	60	4		1	62		1			2		5	15	2	1	2			3		2	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-2H-2-A 20/20-SED	0	0	6	6	7	48	45	7		2	44		2	1		3		10	17	2		1			8		3	100		clay [Leg210]	with foraminifers [2014]	major lithology	with forams and nannofossils	
353-U1446A-2H-3-A 42/42-SED	0	0	7.72	7.72	8	47	45	8		5	41			1		2		15	22						2		4	100		clay [Leg210]	with foraminifers [2014]	minor lithology	from light layer. Clay with forams, nannos, and silt	
353-U1446A-2H-5-A 128/128-SED	0	0	11.58	11.58	5	40	65	3		1	61			1		1	1	18	10						1		3	100		clay [Leg210]	with foraminifers [2014]	major lithology	clay with biosilica and forams	
353-U1446A-3H-1-A 119/119-SED	0	0	14.99	14.99	75	25	0	5	1	7					87														100		volcanic ash [MMK88]		minor lithology	possible Toba ash
353-U1446A-3H-1-A 43/43-SED	0	0	14.23	14.23	5	35	60	4		2	65		2	1	2	2	1	10	5						1		5	100		clay [Leg210]	with foraminifers [2014]	major lithology		
353-U1446A-3H-5-A 125/125-SED	0	0	21.05	21.05	3	37	60	3		2	54		2	1		1		12	15	3			2				5	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-4H-2-A 90/90-SED	0	0	25.7	25.7	3	27	70	7		4	66		1			2	1	3	7	8							1	100		clay [Leg210]	with silt [2014]	major lithology		
353-U1446A-4H-5-A 25/25-SED	0	0	29.55	29.55	3	48	50	8	1	4	51		3	2		3		12	5			1	6		1		3	100		clay [Leg210]	with silt [2014]	major lithology		
353-U1446A-4H-CC-A 10/10-SED	0	0	31.68	31.68	15	45	40	5		4	36			1	2	2		25	15	6			1				3	100	foraminifer rich	clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-5H-1-A 115/115-SED	0	0	33.95	33.95	40	45	15	1		1	11			25			2	15	3	35						5	2	100				minor lithology	shell/iron sulfide patch	
353-U1446A-5H-2-A 71/71-SED	0	0	35.02	35.02	8	32	60	3		2	62		1		5	1		12	8	3							3	100		clay [Leg210]	with foraminifers [2014]	major lithology		
353-U1446A-5H-7-A 97/97-SED	0	0	42.54	42.54	10	30	60	7		3	61			4		2	1	10	4	3							5	100		clay [Leg210]	with foraminifers [2014]	major lithology		
353-U1446A-6H-1-A 109/109-SED	0	0	43.39	43.39	5	40	55	3		1	57			3	4	1	2	7	10	1	1	1				5	4	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-6H-5-A 74/74-SED	0	0	47.92	47.92	2	38	60	5		3	77			2		1	1	3	1	1							6	100		clay [Leg210]	with biosilica [2014]	major lithology		
353-U1446A-6H-7-A 27/27-SED	0	0	50.34	50.34							10			10				30									50	100					minor lithology	wood fragment
353-U1446A-6H-7-A 67/67-SED	0	0	50.74	50.74	5	35	60	3		2	59			1		1	1	20	6	5							2	100		clay [Leg210]	with foraminifers [2014]	major lithology		
353-U1446A-7H-1-A 120/120-SED	0	0	53	53	1	29	70	3		1	73		1	1				6	10	1					1		3	100		clay [Leg210]	with biosilica [2014]	major lithology		
353-U1446A-7H-5-A 77/77-SED	0	0	57.5	57.5	1	20	79	5	1	1	66			2				2	12	1			1			5	4	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-7H-7-A 30/30-SED	0	0	59.84	59.84	1	10	89	8	1		62					1		1	18	1						5	3	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-8H-1-A 98/98-SED	0	0	62.28	62.28	1	40	59	10		1	71			1		2		1	3	1						8	2	100		clay [Leg210]	with silt [2014]	major lithology		
353-U1446A-8H-5-A 67/67-SED	0	0	66.73	66.73	1	10	89	5		1	72			1		1		10	1							4	5	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-8H-7-A 65/65-SED	0	0	69.65	69.65	1	10	89	5	1	1	80		1			1		2	1							5	3	100		clay [Leg210]		major lithology		
353-U1446A-9H-2-A 36/36-SED	0	0	72.65	72.65	1	10	89	7		2	79			1		2			1	1						5	2	100						
353-U1446A-9H-4-A 43/43-SED	0	0	74.92	74.92	1	25	74	5		3	45			1		2		7	25	3						5	4	100	nannofossil rich	clay [Leg210]		major lithology	with more forams	
353-U1446A-9H-6-A 50/50-SED-paler	0	0	76.71	76.71	1	15	84	5	1	2	57			1		2	1	2	20	2						5	2	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-9H-8-A 77/77-SED	0	0	79.1	79.1	1	20	79	6		3	64			2			1	2	12	2						4	4	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-10H-3-A 85/85-SED	0	0	82.94	82.94	1	10	89	4		2	76			1		2		1	1	2						7	4	100		clay [Leg210]		major lithology		
353-U1446A-10H-5-A 117/117-SED-white bleb	0	0	85.56	85.56	1	79	20	84	3	2	5			5		1												100		siltstone [Leg210]		minor lithology	Quartz silt with pyrite	
353-U1446A-10H-6-A 97/97-SED	0	0	86.62	86.62	1	8	91	4		2	78		1	1		2		1	2	1	1	1				4	2	100		clay [Leg210]		major lithology		
353-U1446A-11H-2-A 7/7-SED	0	0	91.06	91.06	1	15	84	6		2	48			1		2		7	25	1						4	4	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology		
353-U1446A-11H-4-A 56/56-SED-lighter	0	0	93.52	93.52	1	25	74	7		1	77			1		2		2			1	1			1	5	2	100		clay [Leg210]		major lithology	Slightly more biosilica frags	
353-U1446A-11H-4-A 93/93-SED-darker	0	0	93.89	93.89	1	15	84	3		2	50			1		1		10	25	2						3	3	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology		
353-U1446A-11H-8-A 28/28-SED-darker	0	0	98.61	98.61	1	15	84	7		3	71		1			2		10	1							2	3	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-12H-1-A 36/36-SED	0	0	99.66	99.66	1	20	79	5	1	2	43			1		2	1	12	22	3						3	5	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology		
353-U1446A-12H-3-A 57/57-SED-paler	0	0	101.89	101.89	1	15	84	6		5	41		1			2	1	10	25	4						3	2	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology		

Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Clay minerals [%]	Lithic grains [%]	Glauconite [%]	Fe sulfides (opaques) [%]	Vitric grains [%]	Fe-oxides [%]	Carbonate, authigenic [%]	Foraminifers [%]	Calcareous nannofossils [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other biogenic fossil fragments [%]	Fish debris [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment	
353-U1446A-12H-6-A 80/80-SED	0	0	106.4	106.4	1	25	74	5		3	59			1		2	1	6	15	2					3		3	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-13H-3-A 62/62-SED	0	0	112.27	112.27	0	20	80	4		2	74		1	1		2		2	7	2					2		3	100		clay [Leg210]		major lithology		
353-U1446A-13H-6-A 71/71-SED-paler	0	0	116.62	116.62	3	40	57	6	1		38		1	1		2		13	27	4					4		3	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology		
353-U1446A-13H-7-A 43/43-SED	0	0	117.73	117.73	2	35	63	5		3	44			1		2		5	30	2					3		5	100	nannofossil rich	clay [Leg210]		major lithology		
353-U1446A-14H-2-A 40/40-SED	0	0	119.34	119.34	1	20	79	4		3	72			1		1		1	8	2	1				4		3	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-14H-4-A 76/76-SED	0	0	122.45	122.45	0	3	97	2		2	85			1		2		1	3	2							2	100		clay [Leg210]		major lithology		
353-U1446A-14H-6-A 30/30-SED-turbidite	0	0	124.82	124.82	10	80	10	2					10	2		1			1	83							1	100				minor lithology	calcareous silt	
353-U1446A-14H-7-A 21/21-SED	0	0	126.25	126.25	10	45	45	6		4	37			4		1	1	3	10	2	2	8		2	15		5	100	biosilica rich	clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-14H-8-A 110/110-SED	0	0	128.56	128.56	1	35	64	6		2	57		2	3		5		10	8						2		5	100		clay [Leg210]	with foraminifers [2014]	major lithology		
353-U1446A-15H-2-A 82/82-SED	0	0	130.04	130.04	2	33	65	5		3	63			2		2		3	8	4	2	1			3		4	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-15H-5-A 2/2-SED	0	0	133.51	133.51	30	42	55	3		1	55			3		3		5	20	2	1				3		4	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology		
353-U1446A-16H-1-A 82/82-SED	0	0	138.12	138.12	1	29	70	3		1	42			3				6	35	5					1		4	100	nannofossil rich	clay [Leg210]		major lithology		
353-U1446A-16H-5-A 2/2-SED	0	0	142.98	142.98	3	27	70	2		1	64			1		1	1	6	7	3	1	1			6		6	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-16H-7-A 33/33-SED	0	0	145.58	145.58	2	28	70	6		1	61					3			8	7	2	3			6		3	100		clay [Leg210]		major lithology		
353-U1446A-17H-2-A 4/4-SED	0	0	147.14	147.14	3	37	60	1		1	59					2	10	3	12			1			5		6	100		clay [Leg210]	with nannofossils [2014]	major lithology		
353-U1446A-17H-8-A 50/50-SED	0	0	155.2	155.2	2	28	70	2		1	68			1		2	2	4	5	3	2	3			4		3	100		clay [Leg210]		major lithology		
353-U1446A-18H-1-A 15/15-SED	0	0	156.45	156.45	1	29	70	2		1	69					1	3	5	5			1	2			7		4	100		clay [Leg210]		major lithology	
353-U1446A-18H-5-A 89/89-SED	0	0	161.73	161.73	1	19	80	2		2	81			1		1	4	1	3						3		2	100		clay [Leg210]		major lithology		
353-U1446A-18H-7-A 68/68-SED	0	0	164.2	164.2	4	31	65	4		2	63			1		1	1	12	8	5					2		1	100		clay [Leg210]	with foraminifers [2014]	major lithology		
353-U1446A-19F-1-A 50/50-SED	0	0	166.3	166.3	1	29	70	2		1	71			2		1	1	3	3	1					12		3	100		clay [Leg210]	with biosilica [2014]	major lithology		
353-U1446A-19F-3-A 50/50-SED	0	0	169.13	169.13	3	41	55	1		1	55			8		2	1	3	1	1	2	1			20		4	100		clay [Leg210]	with biosilica [2014]	major lithology		
353-U1446A-20F-1-A 127/127-SED	0	0	171.87	171.87	3	37	60	2		2	57		3	4		1	1	5	3	1			2		15		4	100		clay [Leg210]	with biosilica [2014]	major lithology		
353-U1446A-20F-3-A 76/76-SED	0	0	174.36	174.36	7	33	60	3		1	57		12	3		1	1	3	1				2		12		4	100		clay [Leg210]	with biosilica [2014]	major lithology		
353-U1446A-21F-1-A 64/64-SED	0	0	176.04	176.04	2	23	75	5		2	62		10	5		3	1	1	3						5		3	100		clay [Leg210]	with glauconite [2014]	major lithology		
353-U1446A-21F-3-A 64/64-SED	0	0	178.9	178.9	5	25	70	2		1	64		7	4		2	1	5	7						5		2	100		clay [Leg210]	with nannofossils [2014]	major lithology		

Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Clay minerals [%]	Lithic grains [%]	Glauconite [%]	Fe sulfides (opaques) [%]	Vitric grains [%]	Fe-oxides [%]	Carbonate, authigenic [%]	Foraminifers [%]	Calcareous nanofossils [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other biosiliceous fossil fragments [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment
353-U1446B-1H-3-A 66/66-SED	0	0	3.66	3.66	1	19	80	3		1	66					3		3	15	1					5	3	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1446B-2H-4-A 28/28-SED	0	0	12.88	12.88	5	15	80	2		1	67					2		15	5	2					3	3	100		clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1446B-2H-5-A 122/122-SED	0	0	15.32	15.32	75	25	0	2		5					93												100		volcanic ash [MMK88]		minor lithology	possible Toba ash
353-U1446B-3H-5-A 66/66-SED	0	0	24.26	24.26	3	17	80	2		1	67			1		1		8	10	3					5	2	100		clay [Leg210]	with nannofossils [2014]	major lithology	

Sample	Top [cm]	Bottom [cm]	Top Depth [m]	Bottom Depth [m]	Sand texture [%]	Silt texture [%]	Clay texture [%]	Quartz [%]	Feldspar [%]	Mica [%]	Clay minerals [%]	Lithic grains [%]	Glauconite [%]	Fe sulfides (opaques) [%]	Vitric grains [%]	Fe-oxides [%]	Carbonate, authigenic [%]	Foraminifers [%]	Calcareous nannofossils [%]	Other calcareous bioclasts [%]	Radiolarians [%]	Diatoms [%]	Silicoflagellates [%]	Sponge spicule fragments [%]	Other biossilaceous fossil fragments [%]	Plant debris [%]	Total of group estimates [%]	Lithology prefix	Principal lithology	Lithology suffix	Lithology major or minor	Lithology comment
353-U1446C-1H-2-A 57/57-SED	0	0	2.07	2.07	1	24	75	3		1	67							5	10		2	3			5	2	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1446C-2H-2-A 60/60-SED	0	0	10	10	3	17	80	2		2	53					1		10	25	1		1			2	3	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1446C-2H-6-A 13/13-SED	0	0	15.19	15.19	80	20	0	2		4					94												100		volcanic ash [MMK88]		minor lithology	from possible Toba ash
353-U1446C-3H-2-A 50/50-SED	0	0	19.41	19.41	1	11	89	4		2	79			1		2		1	3	1					2	5	100		clay [Leg210]		major lithology	
353-U1446C-3H-6-A 50/50-SED	0	0	25.25	25.25	1	15	84	6	1	2	75		1	1		2		1	2	1	1				2	5	100		clay [Leg210]		major lithology	
353-U1446C-4H-2-A 50/50-SED	0	0	28.9	28.9	0	6	94	4		2	79			1				1	6	2	1	1			2	1	100		clay [Leg210]		major lithology	
353-U1446C-4H-3-A 116/116-SED	0	0	31.02	31.02	2	63	35	5	1	5	28			2		2		25	20	8					1	3	100	foraminifer rich	clay [Leg210]	with nannofossils [2014]	minor lithology	contains peloids
353-U1446C-4H-6-A 50/50-SED	0	0	34.75	34.75	10	20	70	4		2	49			1		2	1	12	20	3					1	5	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1446C-5H-1-A 73/73-SED	0	0	37.13	37.13	1	15	84	4	1	2	63		1	1		2		5	15	1					1	4	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1446C-5H-7-A 70/70-SED	0	0	46.1	46.1	1	15	84	4		2	72			1		2		2	7		1	2		1	4	2	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1446C-6H-2-A 70/70-SED	0	0	48.07	48.07	0	10	90	4	1	2	68			1				1	15	1	1	1		1	2	2	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1446C-6H-5-A 67/67-SED	0	0	52.24	52.24	0	15	85	5		3	46			1		3		10	22	3					1	6	100	nannofossil rich	clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1446C-7H-2-A 63/63-SED	0	0	57.49	57.49	1	20	79	5		3	57			1		2		1	25	1					1	4	100	nannofossil rich	clay [Leg210]		major lithology	
353-U1446C-7H-5-A 82/82-SED	0	0	61.98	61.98	0	5	95	4		2	82			1		1			6	1					1	2	100		clay [Leg210]		major lithology	
353-U1446C-8H-3-A 116/116-SED	0	0	67.76	67.76	50	35	15	4		2	5			15				1	3	1						68	100	pyrite-rich	plant debris		minor lithology	
353-U1446C-8H-3-A 78/78-SED	0	0	67.38	67.38	0	5	95	8		2	78			1		2			5	1					1	2	100		clay [Leg210]		major lithology	
353-U1446C-8H-4-A 43/43-SED-pyrite	0	0	68.43	68.43	30	68	2	1			2			81				1								15	100	Pyrite-rich	plant debris		minor lithology	
353-U1446C-8H-8-A 77/77-SED	0	0	74.38	74.38	1	5	94	6	1	3	75		1	1		4			1	1					1	6	100		clay [Leg210]		major lithology	
353-U1446C-9H-1-A 108/108-SED	0	0	75.48	75.48	1	25	74	8		4	56			1		2		3	20	2					1	3	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1446C-9H-4-A 103/103-SED	0	0	79.51	79.51	0	5	95	6		1	84			1		2		1		1					1	3	100		clay [Leg210]		major lithology	
353-U1446C-10H-2-A 60/60-SED	0	0	85.89	85.89	2	15	83	3		3	69			1		3	1	1	11	1					2	5	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1446C-10H-7-A 65/65-SED	0	0	92.98	92.98	0	8	92	3		2	77			1		3	1	1	5	2		1			2	2	100		clay [Leg210]		major lithology	
353-U1446C-11H-3-A 78/78-SED	0	0	95.68	95.68	1	15	84	6		3	77			2		3		1	3	2					1	2	100		clay [Leg210]		major lithology	
353-U1446C-11H-8-A 48/48-SED	0	0	100.91	100.91	2	25	73	2		3	34		1	1		2	2	15	30	5					1	4	100	nannofossil rich	clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1446C-12H-2-A 40/40-SED	0	0	102.94	102.94	2	58	40	15		3	64			1		2		1	6	2					1	5	100		clay [Leg210]		major lithology	
353-U1446C-12H-5-A 72/72-SED	0	0	107.14	107.14	1	30	69	3		3	62			1		2		1	22	2					1	3	100	nannofossil rich	clay [Leg210]		major lithology	
353-U1446C-14H-1-A 73/73-SED	0	0	121.63	121.63	1	6	93	5		3	68			1		3			12	5						3	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1446C-14H-2-A 52/52-SED	0	0	122.84	122.84				5			47			1				10	20	15					2		100		clay [Leg210]	with nannofossils [2014]	minor lithology	
353-U1446C-14H-3-A 35/35-SED	0	0	123.81	123.81	2	28	70	2			56			4		2		12	15	3					1	5	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1446C-15H-2-A 45/45-SED	0	0	132.27	132.27	3	17	80	3		1	66			1		1		4	10		1	2	1		8	2	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1446C-15H-6-A 50/50-SED	0	0	137.28	137.28	3	27	70	4		2	49			3		1	3	7	22	1					3	5	100	nannofossil rich	clay [Leg210]		major lithology	
353-U1446C-16H-2-A 100/100-SED	0	0	142.25	142.25	1	44	55	2			54			1		1	3		3	2	1	25	2		5	1	100	diatom rich	clay [Leg210]		major lithology	
353-U1446C-16H-6-A 80/80-SED	0	0	147.31	147.31	3	27	70	3		1	61			4		1	3	8	10	3					4	2	100		clay [Leg210]	with nannofossils [2014]	major lithology	
353-U1446C-17F-2-A 67/67-SED	0	0	151.51	151.51	2	23	75	2			74			1		1	3	1	8		1	1			6	2	100		clay [Leg210]		major lithology	
353-U1446C-18F-2-A 70/70-SED	0	0	156.33	156.33	1	29	70	3		1	63			4		2		10	8						3	6	100		clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1446C-19F-2-A 62/62-SED	0	0	161.03	161.03	3	22	75	2		1	69			5		1		10	8						2	2	100		clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1446C-20F-2-A 77/77-SED	0	0	165.63	165.63	5	35	60	4		1	55		9	4		1		10	5						8	3	100		clay [Leg210]	with foraminifers [2014]	major lithology	
353-U1446C-21F-2-A 66/66-SED	0	0	170.68	170.68	8	43	45	4		1	38		15	4			2	7	3		2	6	1		12	5	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1446C-22F-2-A 75/75-SED	0	0	174.56	174.56	3	27	70	3		1	67		7	3		1	1	3	2						10	2	100		clay [Leg210]	with biosilica [2014]	major lithology	
353-U1446C-23F-4-A 74/74-SED	0	0	181.75	181.75	1	24	75	3		2	73		5	3		3	2		3						5	1	100		clay [Leg210]		major lithology	