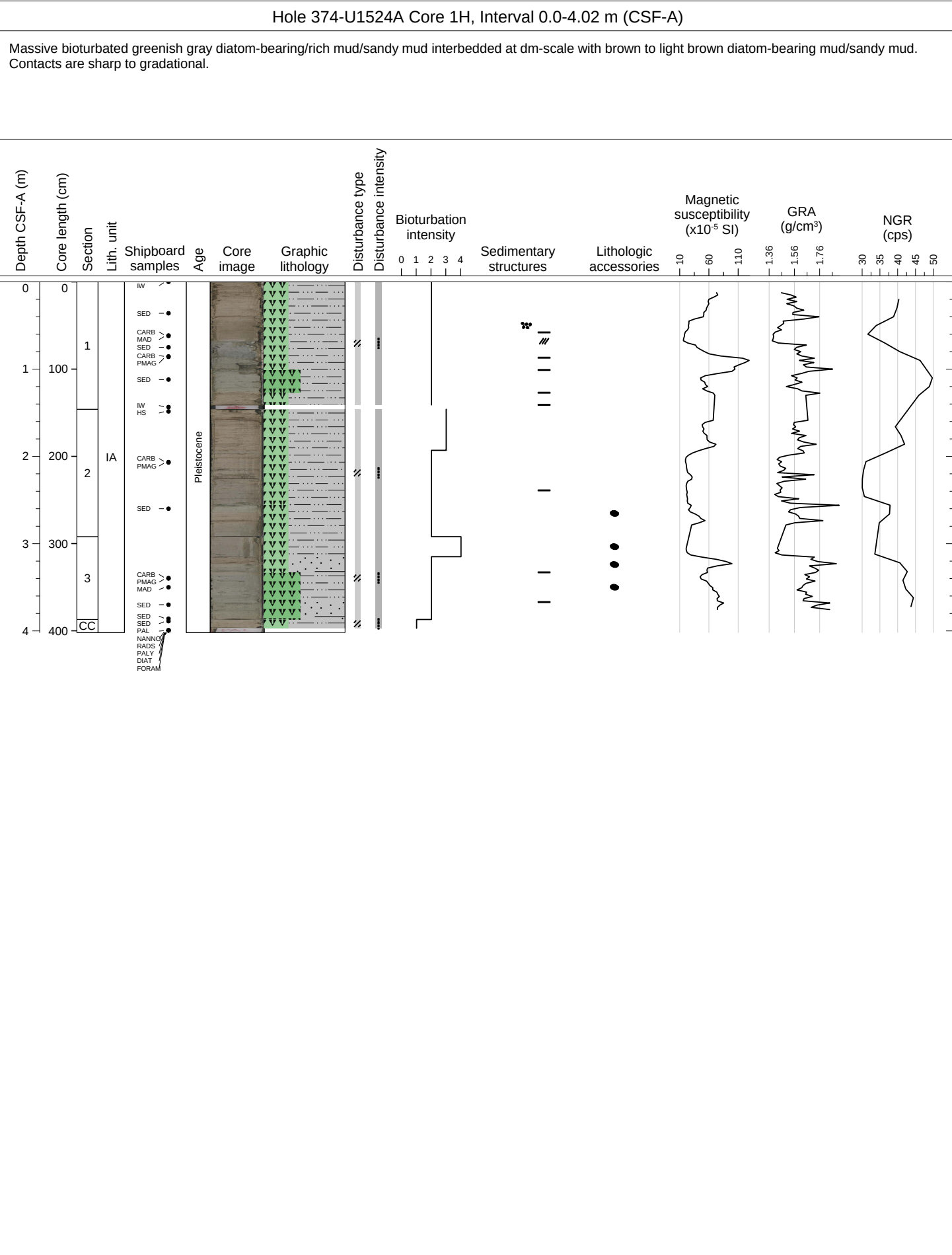
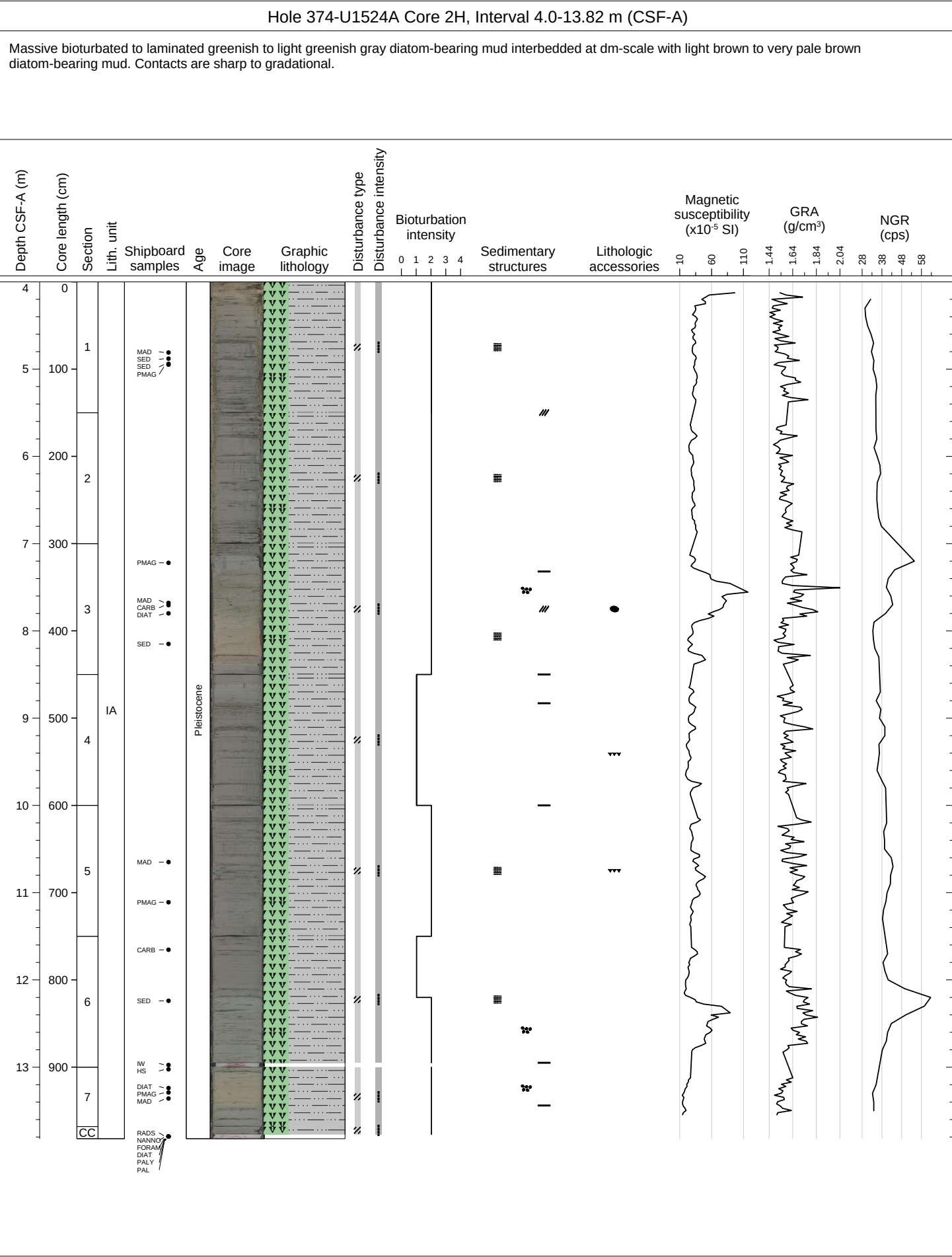






Massive bioturbated to laminated greenish gray diatom-bearing/rich mud interbedded at dm-scale with olive gray diatom-bearing/rich mud. Laminations are color-based but distinct laminae occur as packages of coarser grains including mud clasts. Mud clasts also appear within the massive mud matrix. Mottling occurs throughout and is often distinct by color.

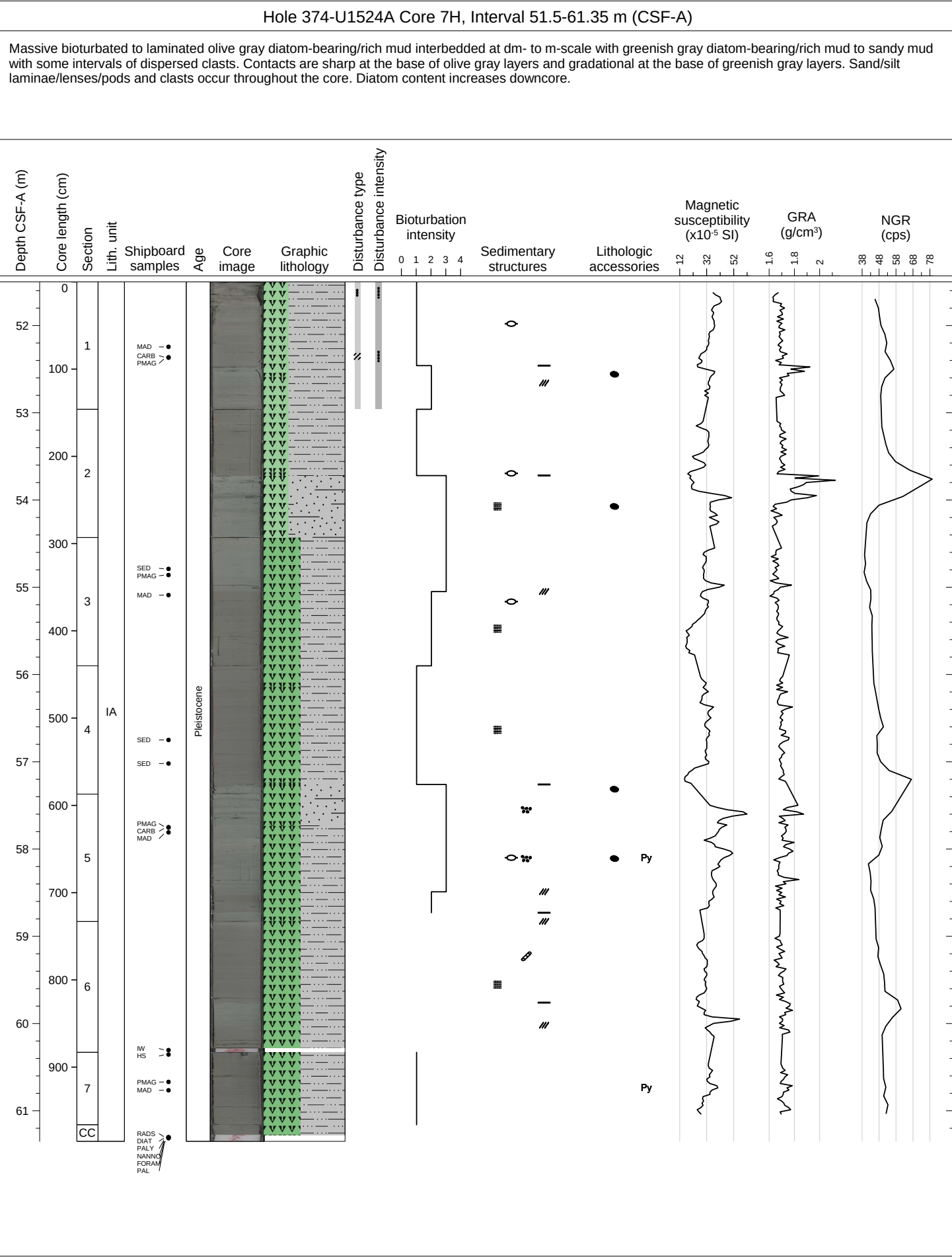




Massive bioturbated to laminated greenish gray diatom-bearing mud interbedded at dm- to m-scale with pale green diatom-bearing mud/sandy mud with dispersed clasts. Sand/silt laminae/lenses/pods and clasts occur throughout the core.







Massive bioturbated to laminated olive gray diatom-rich mud to sandy mud interbedded at dm- to m-scale with greenish gray diatom-rich mud to sandy mud. Contacts are sharp at the base of olive gray layers and gradational at the base of greenish gray layers. Sand/silt laminae/lenses/pods and clasts occur throughout the core.



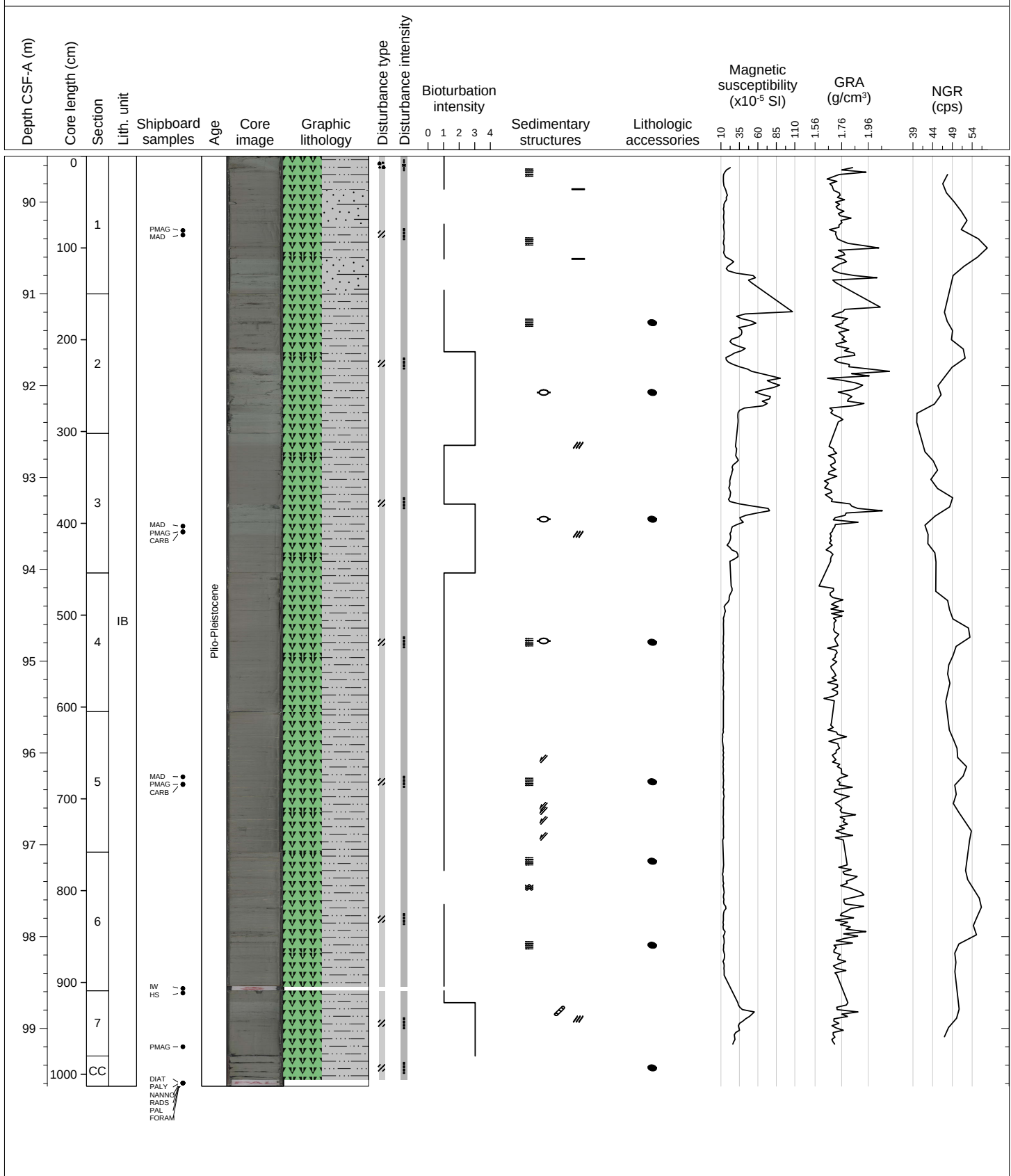


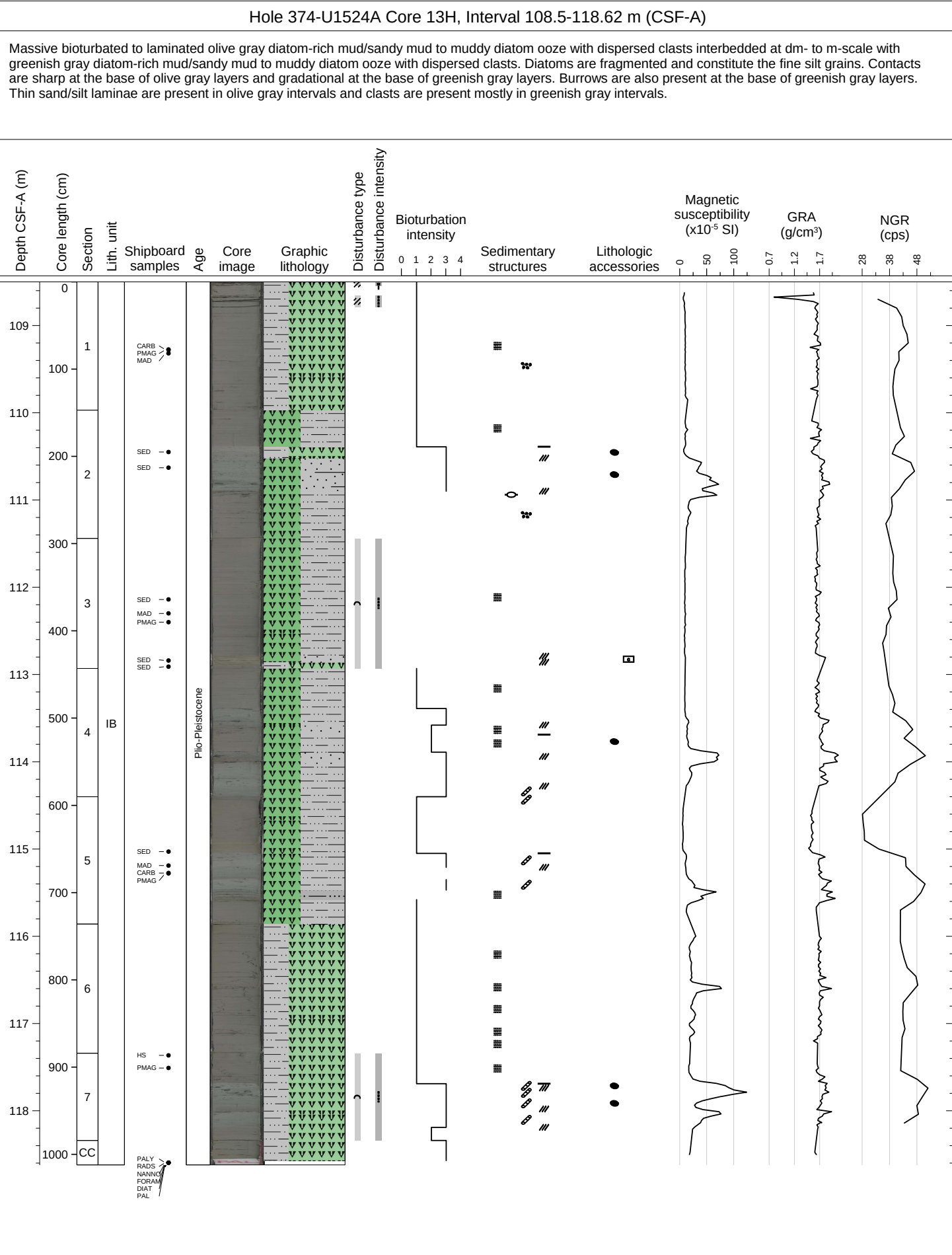
Massive bioturbated to laminated olive gray diatom-rich mud/sandy mud with dispersed to abundant clasts to muddy diatom ooze interbedded at dm- to m-scale with greenish gray diatom-rich mud/sandy mud with dispersed to abundant clasts. Contacts are sharp at the base of olive gray layers and gradational at the base of greenish gray layers. Sand/silt laminae/lenses/pods and clasts occur throughout the core.



Hole 374-U1524A Core 11H, Interval 89.5-99.63 m (CSF-A)

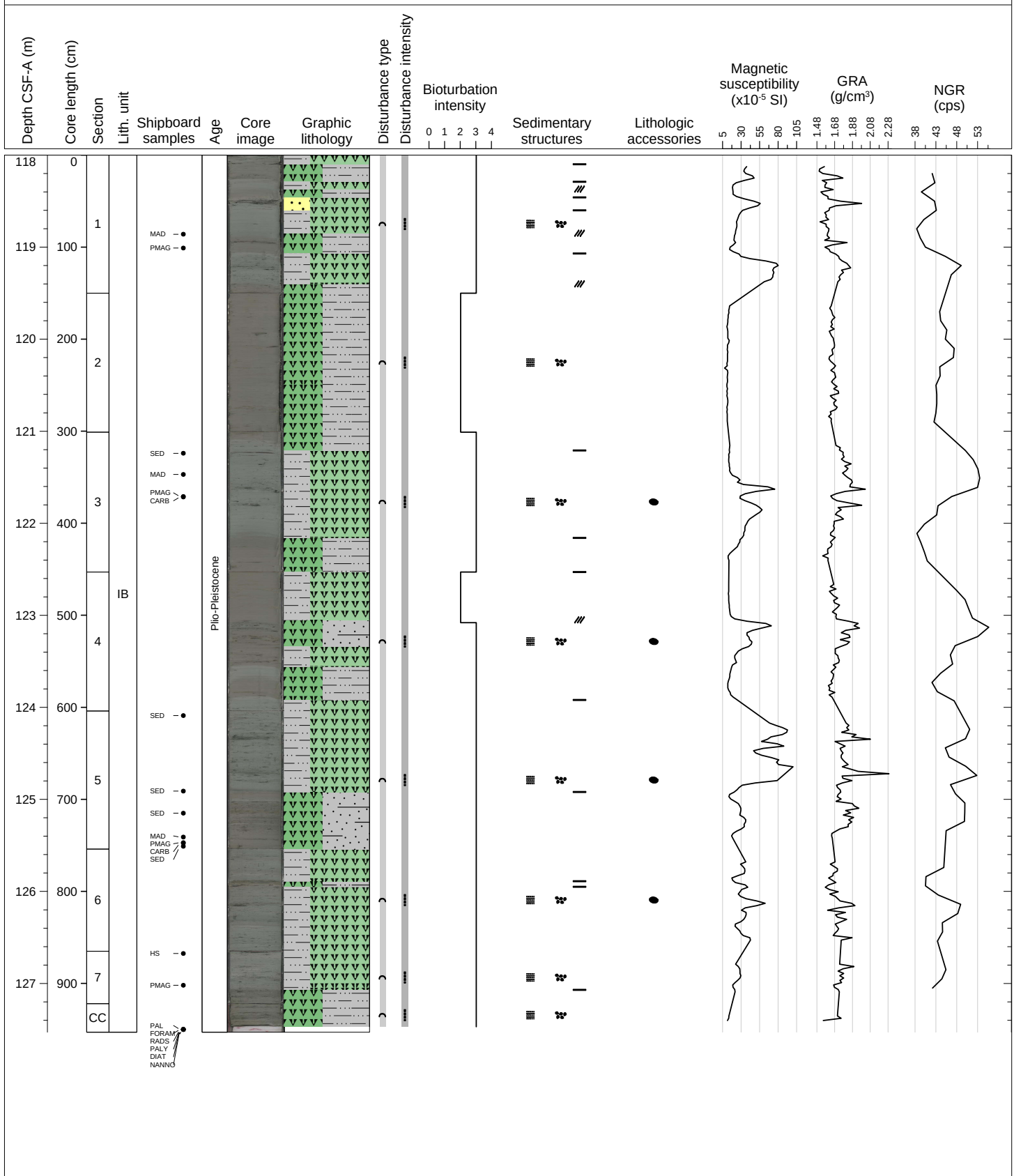
Massive bioturbated to laminated olive gray diatom-rich mud to sandy mud interbedded at dm- to m-scale with greenish gray diatom-rich mud to sandy mud. Contacts are sharp at the base of olive gray layers and gradational and bioturbated (with visible burrows) at the base of greenish gray layers. Thin sand/silt laminae are present in olive gray intervals and clasts are present mostly in greenish gray intervals. Normal microfaults (<1 cm) are found in Section 5. Dispersed clasts occur in Section 1.

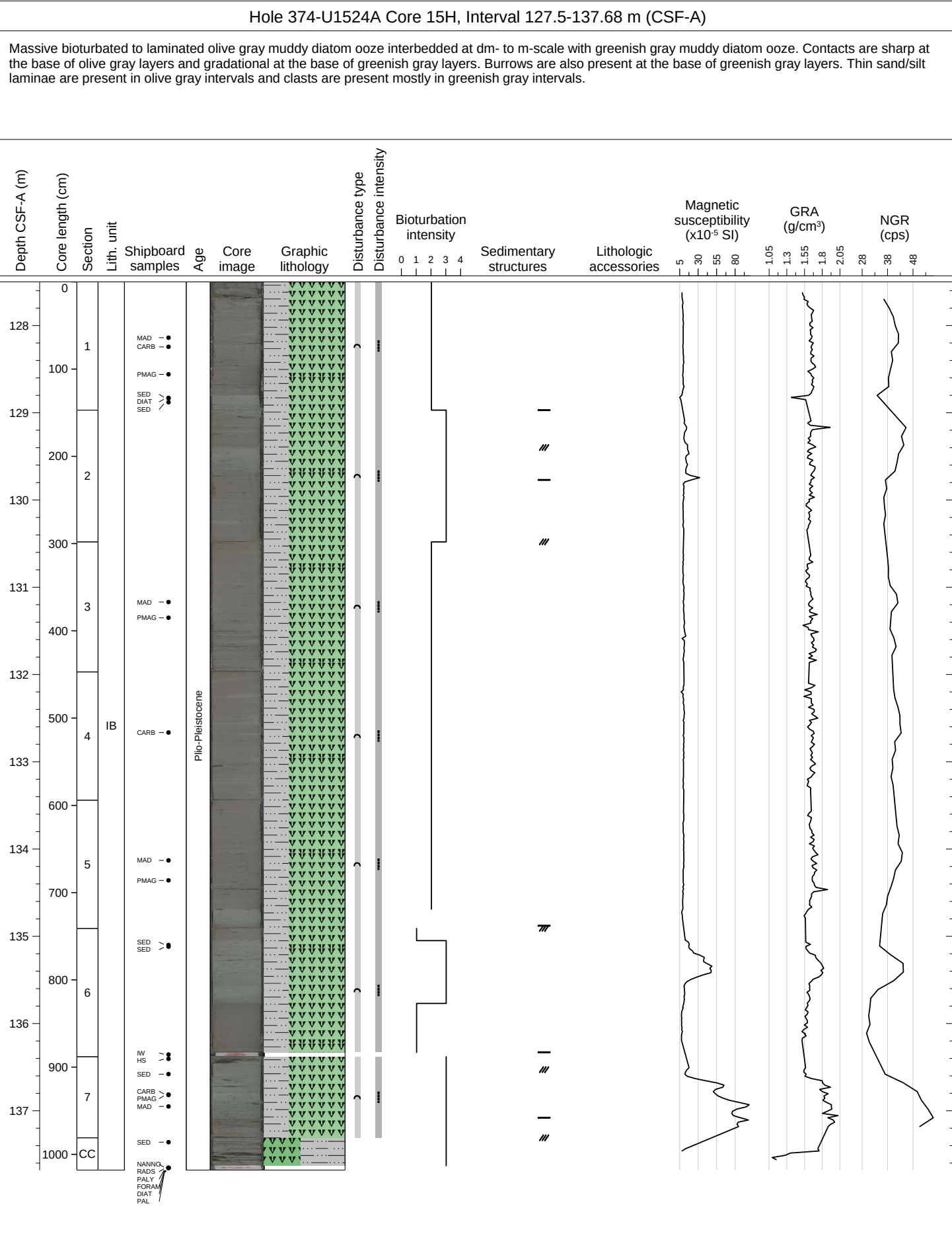




Hole 374-U1524A Core 14H, Interval 118.0-127.53 m (CSF-A)

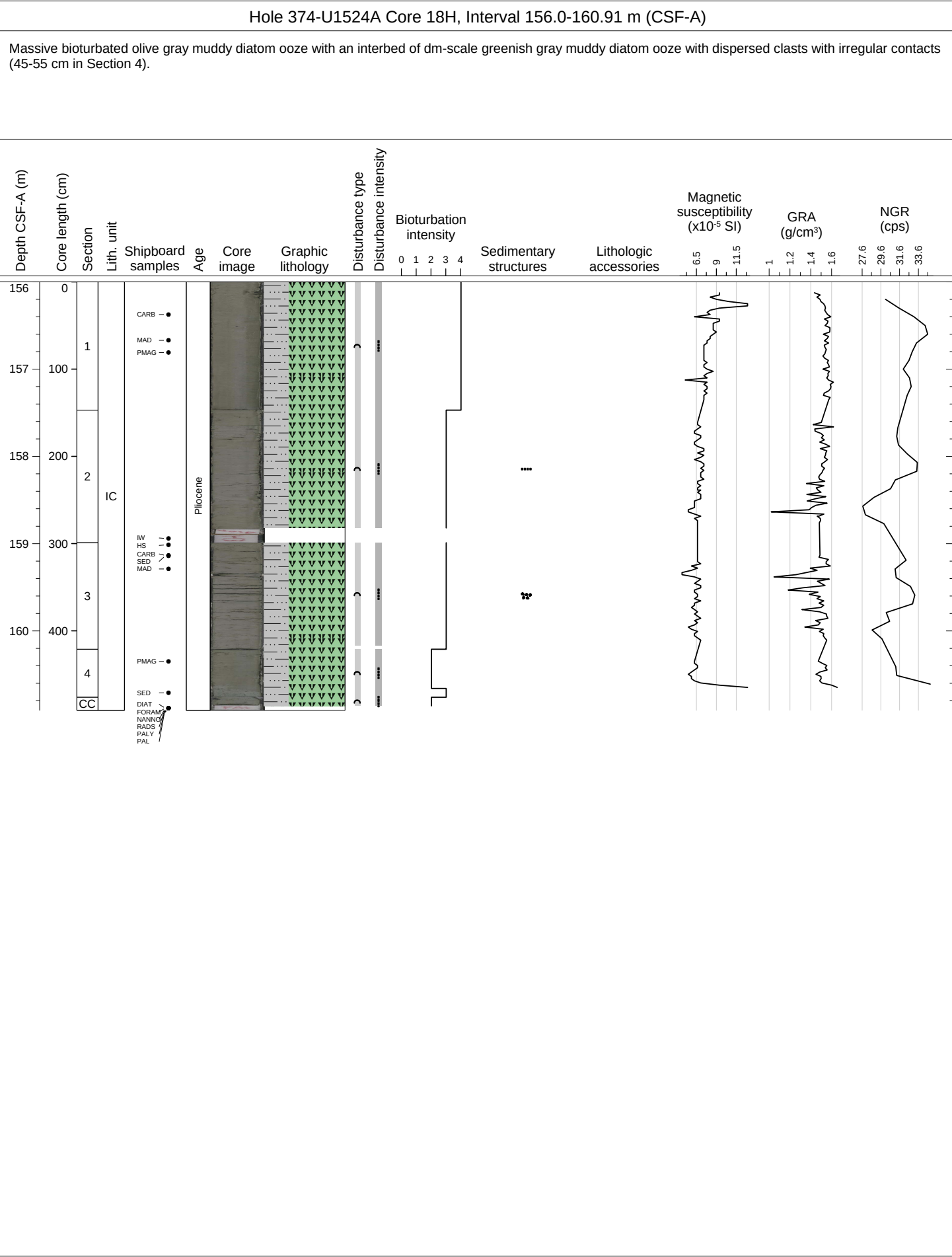
Massive bioturbated to laminated olive gray diatom-rich mud interbedded at dm- to m-scale with greenish gray diatom-rich mud to muddy diatom ooze. Smear slides show diatoms are mostly fragmented and constitute the fine silt grains. Contacts are sharp at the base of olive gray layers and gradational at the base of greenish gray layers. Burrows are also present at the base of greenish gray layers. Thin sand/silt laminae are present in olive gray intervals and clasts are present mostly in greenish gray intervals.

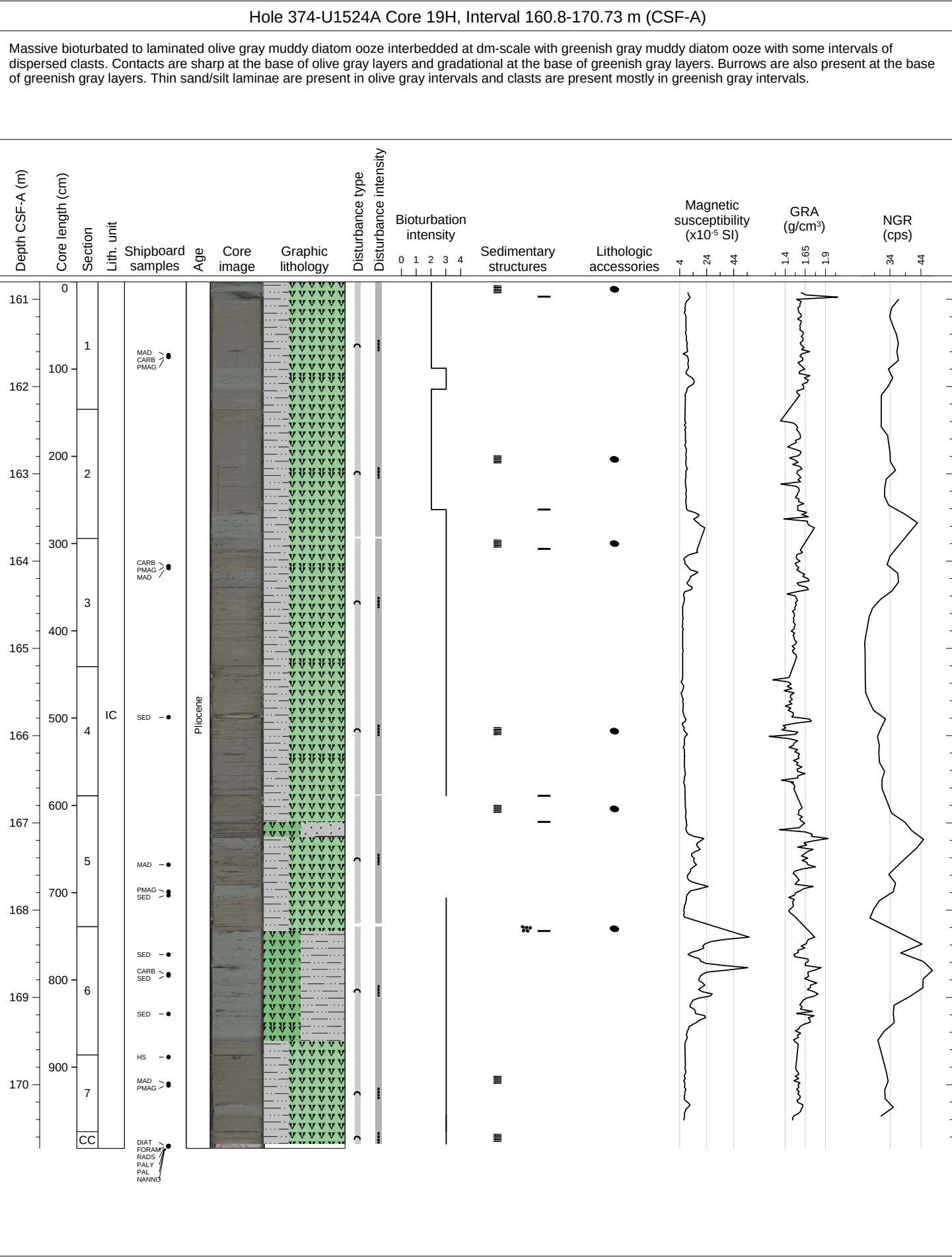




Massive bioturbated to laminated olive gray muddy diatom ooze interbedded at dm- to m-scale with greenish gray diatom-rich sandy mud to muddy diatom ooze with dispersed clasts. Contacts are sharp at the base of olive gray layers and gradational at the base of greenish gray layers. Burrows are also present at the base of greenish gray layers. Thin sand/silt laminae are present in olive gray intervals and clasts are present mostly in greenish gray intervals.







Massive to laminated olive gray muddy diatom ooze with pyrite staining interbedded at dm-scale with greenish gray diatom ooze to diatom-rich sandy mud. Contacts are sharp at the base of olive gray layers and gradational at the base of greenish gray layers. Burrows are also present at the base of greenish gray layers. Thin sand/silt laminae are present in olive gray intervals and clasts are present mostly in greenish gray intervals. A microfault is present at 95 cm in Section 1.



Massive bioturbated to laminated olive gray muddy diatom ooze with pyrite staining interbedded at dm- to m-scale with greenish gray diatom ooze. Contacts are sharp at the base of olive gray layers and gradational at the base of greenish gray layers. Burrows are also present at the base of greenish gray layers. Thin sand/silt laminae are present in olive gray intervals and clasts are present mostly in greenish gray intervals.

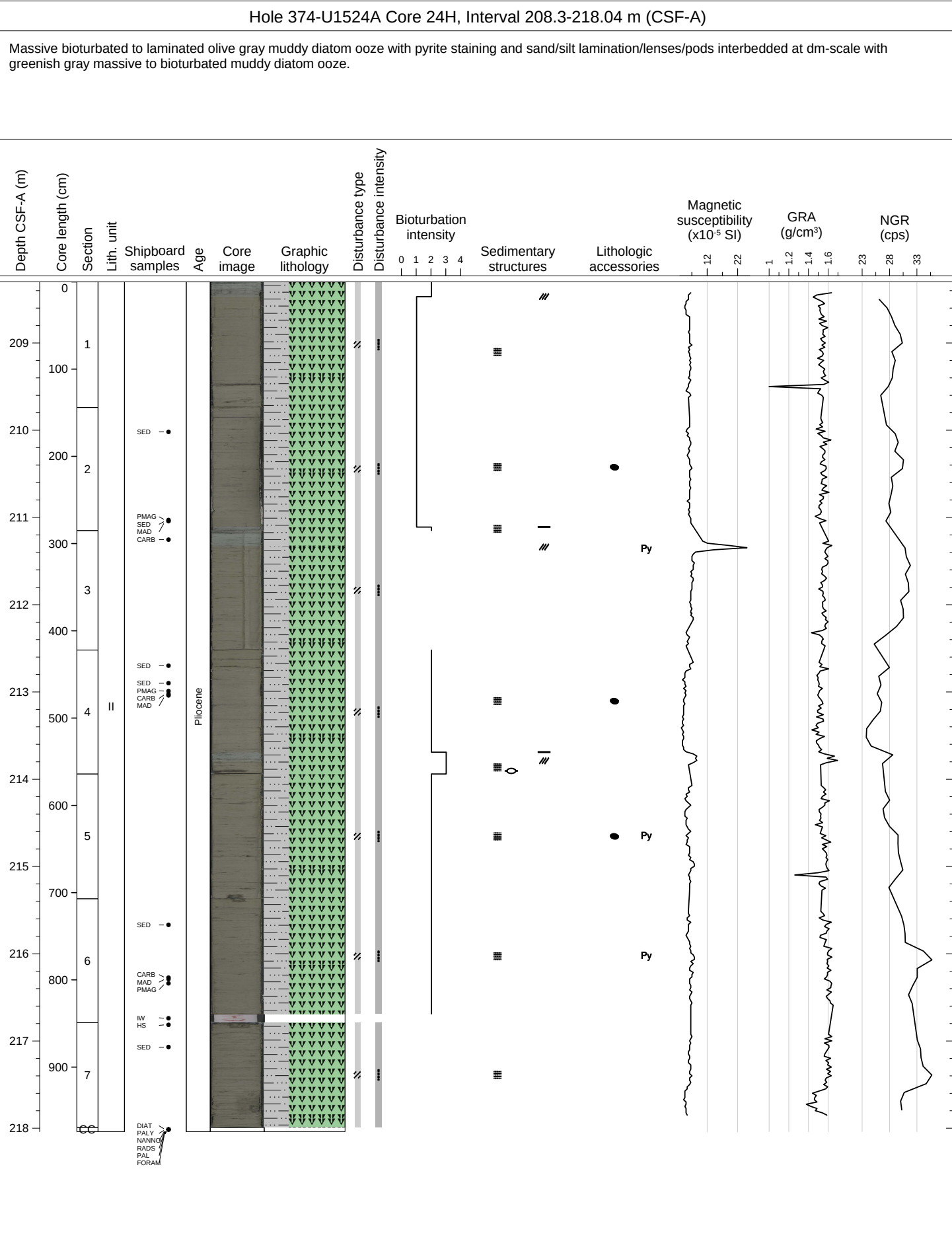


Massive bioturbated to laminated olive gray muddy diatom ooze with pyrite staining interbedded at dm- to m-scale with greenish gray diatom-rich mud to muddy diatom ooze. Contacts are sharp at the base of olive gray layers and gradational at the base of greenish gray layers. Burrows are also present at the base of greenish gray layers. Thin sand/silt laminae are present in olive gray intervals and clasts are present mostly in greenish gray intervals.



Massive bioturbated to laminated gray muddy diatom ooze with pyrite staining and sand/silt lamination/lenses/pods interbedded at dm-scale with greenish gray massive to bioturbated diatom-rich mud to muddy diatom ooze with clasts.

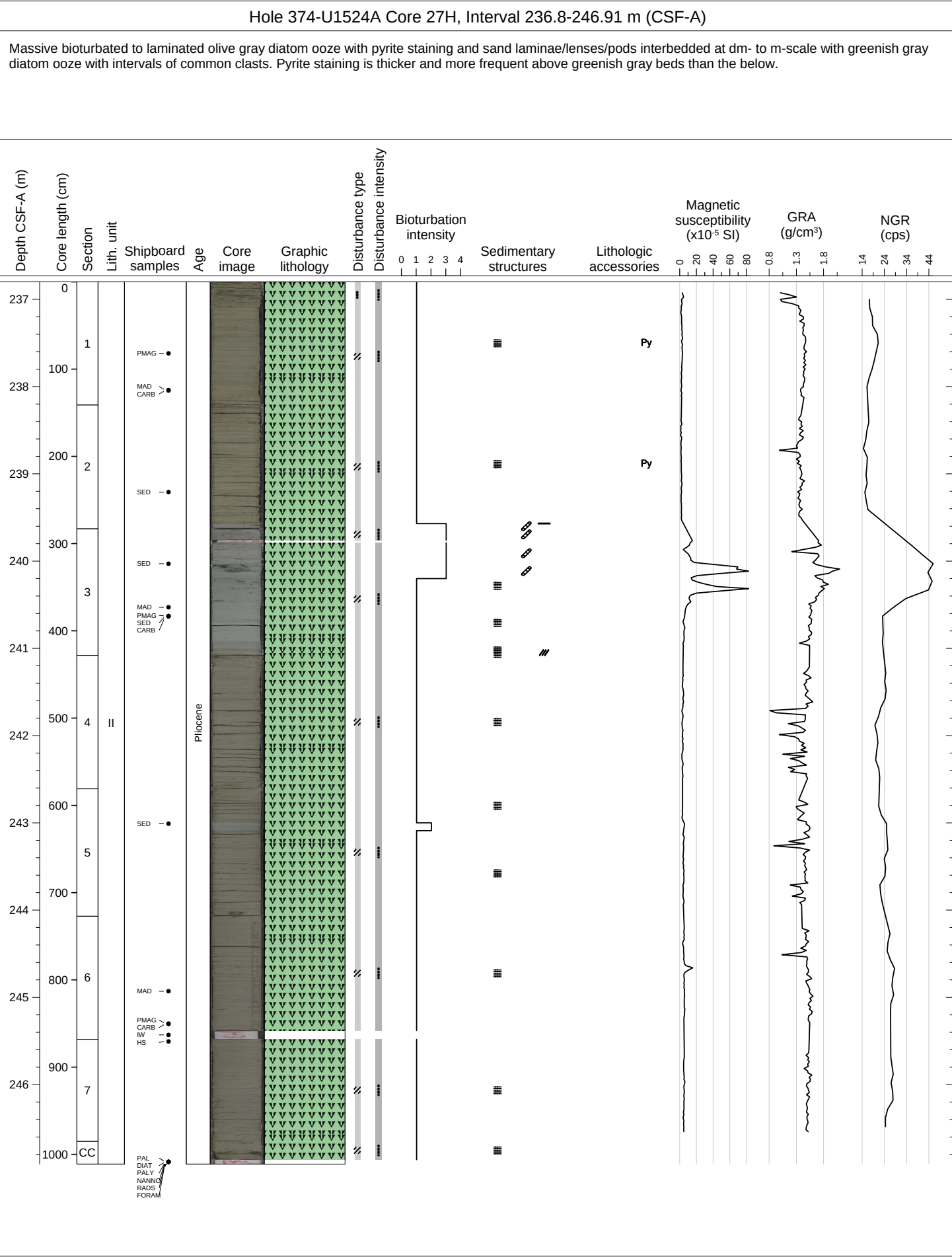




Massive bioturbated to laminated olive gray muddy diatom ooze to diatom ooze with pyrite staining and sand/silt lamination/lenses/pods interbedded at dm-scale with greenish gray massive to bioturbated muddy diatom ooze. Chondrites burrows are present a few centimeters to decimeters below greenish gray mud beds.







Massive bioturbated to laminated olive gray diatom-rich sandy mud to diatom ooze with pyrite staining and sand laminae/lenses/pods interbedded at dm-scale with greenish gray diatom ooze. Greenish gray beds have sharp upper and gradational lower contacts. Bioturbation often occurs around lower contacts.





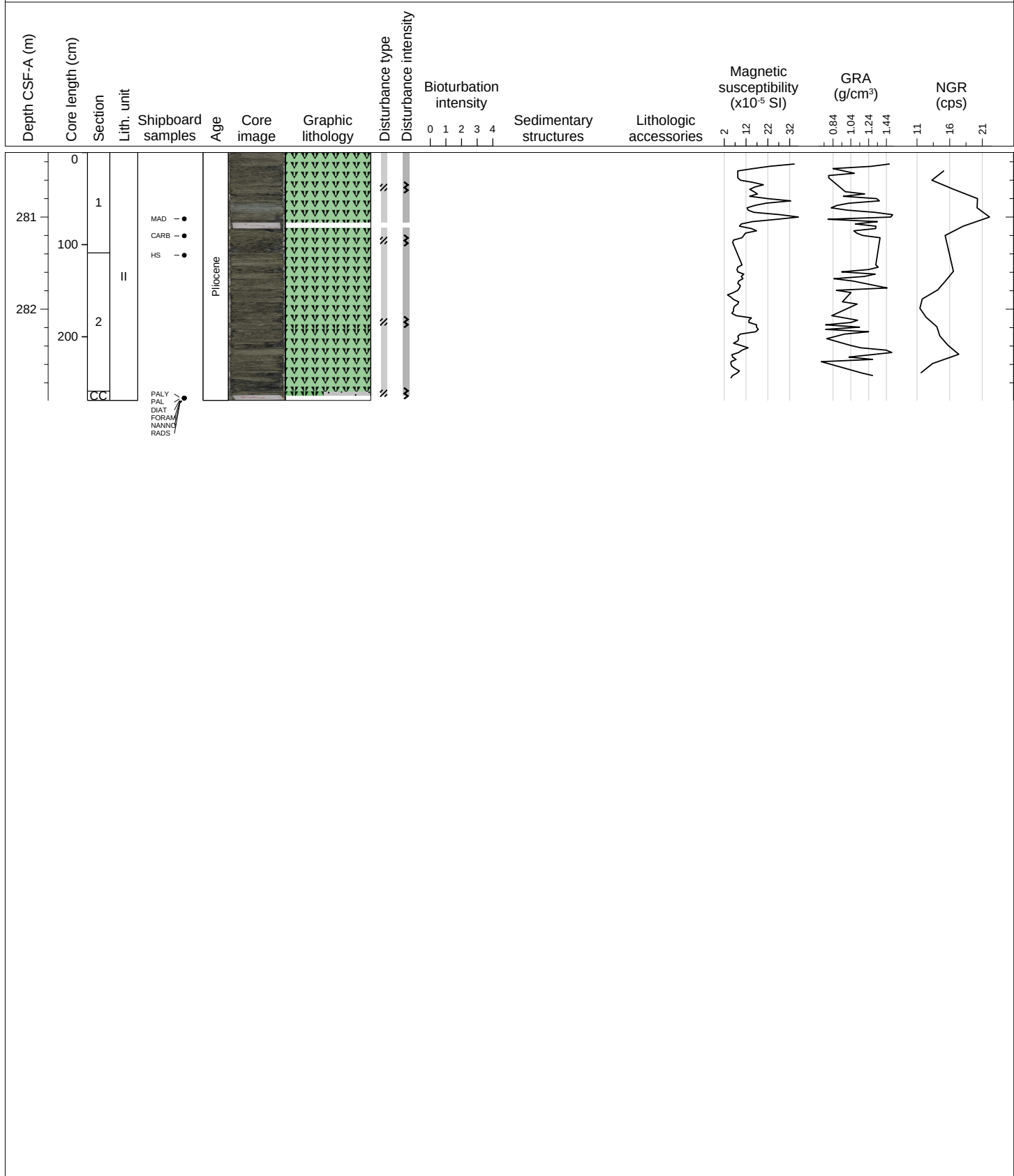
Massive bioturbated to laminated olive gray diatom ooze with pyrite staining and sand laminae/lenses/pods with an interbed of dm-scale bioturbated greenish gray diatom-rich sandy mud.

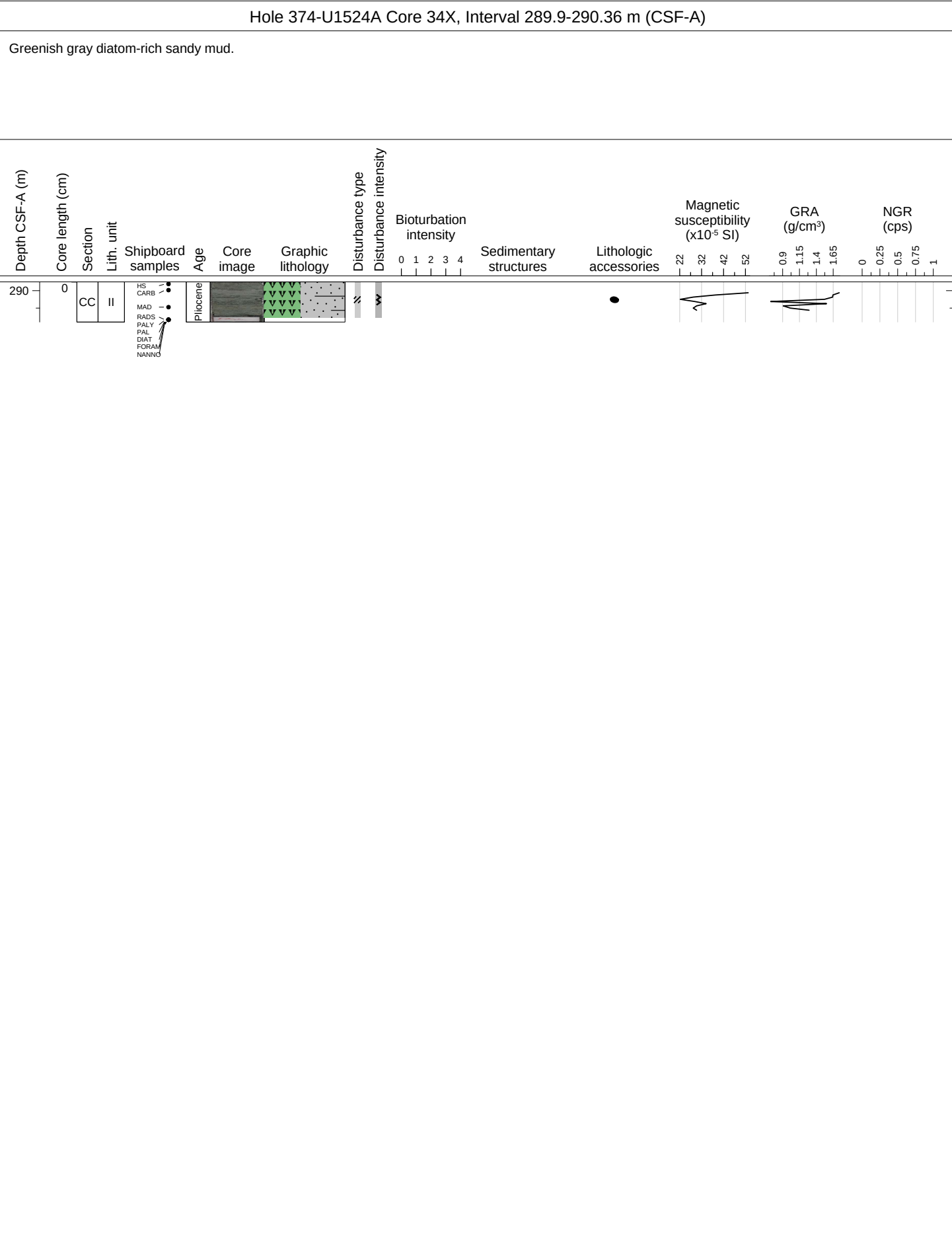






Olive gray diatom ooze with an interbed of greenish gray diatom ooze (56–64 cm in Section 1).



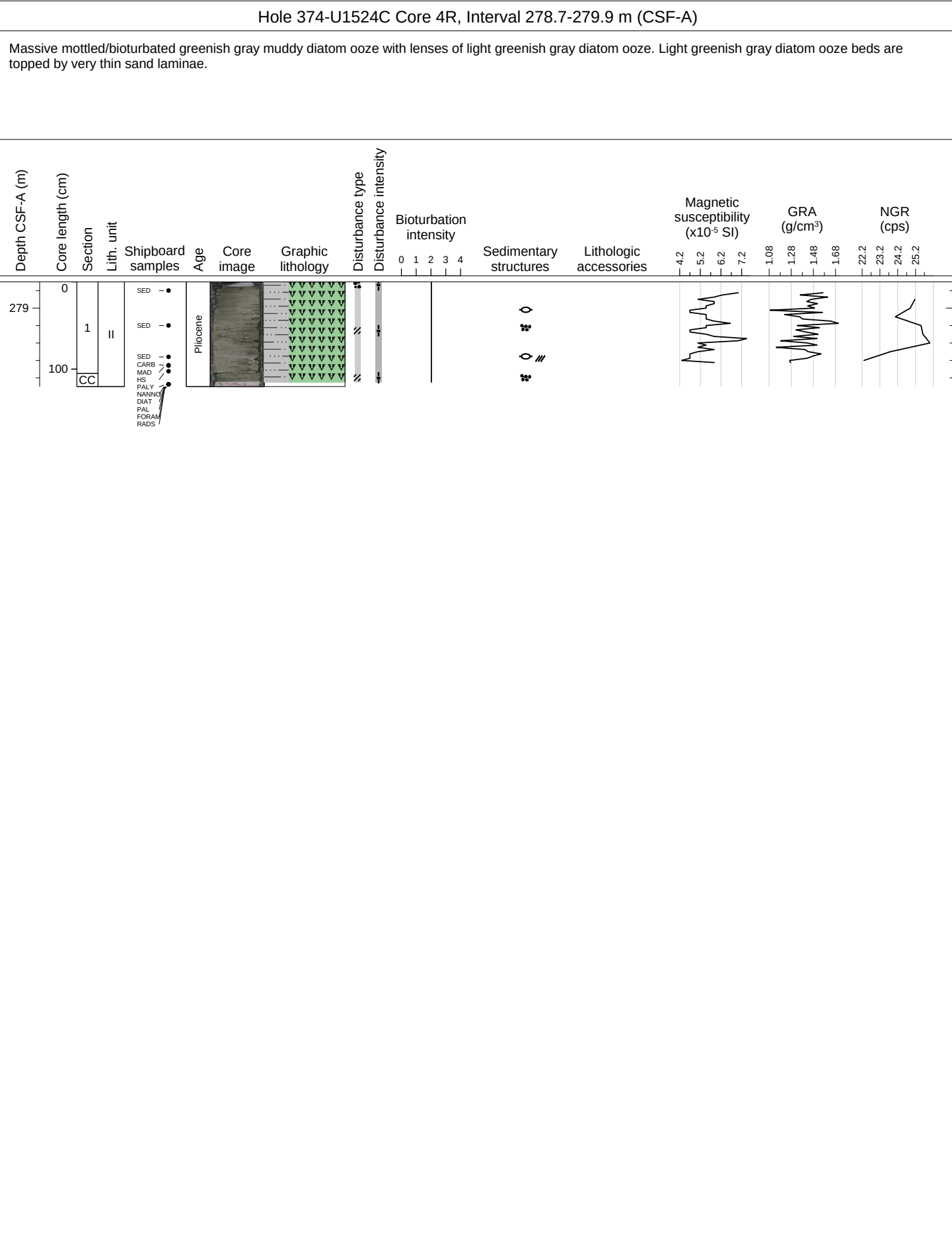


35

Hole 374-U1524C Core 11, Interval 0.0-260.5 m (CSF-A)																															
DRILLED INTERVAL																															
Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Shipboard samples	Age	Core image	Graphic lithology	Disturbance type	Disturbance intensity	Bioturbation intensity				Sedimentary structures	Lithologic accessories	Magnetic susceptibility (x10 ⁻⁵ SI)				GRA (g/cm ³)				NGR (cps)							
										0	1	2	3			4	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1
257																															
258																															
259																															
260																															

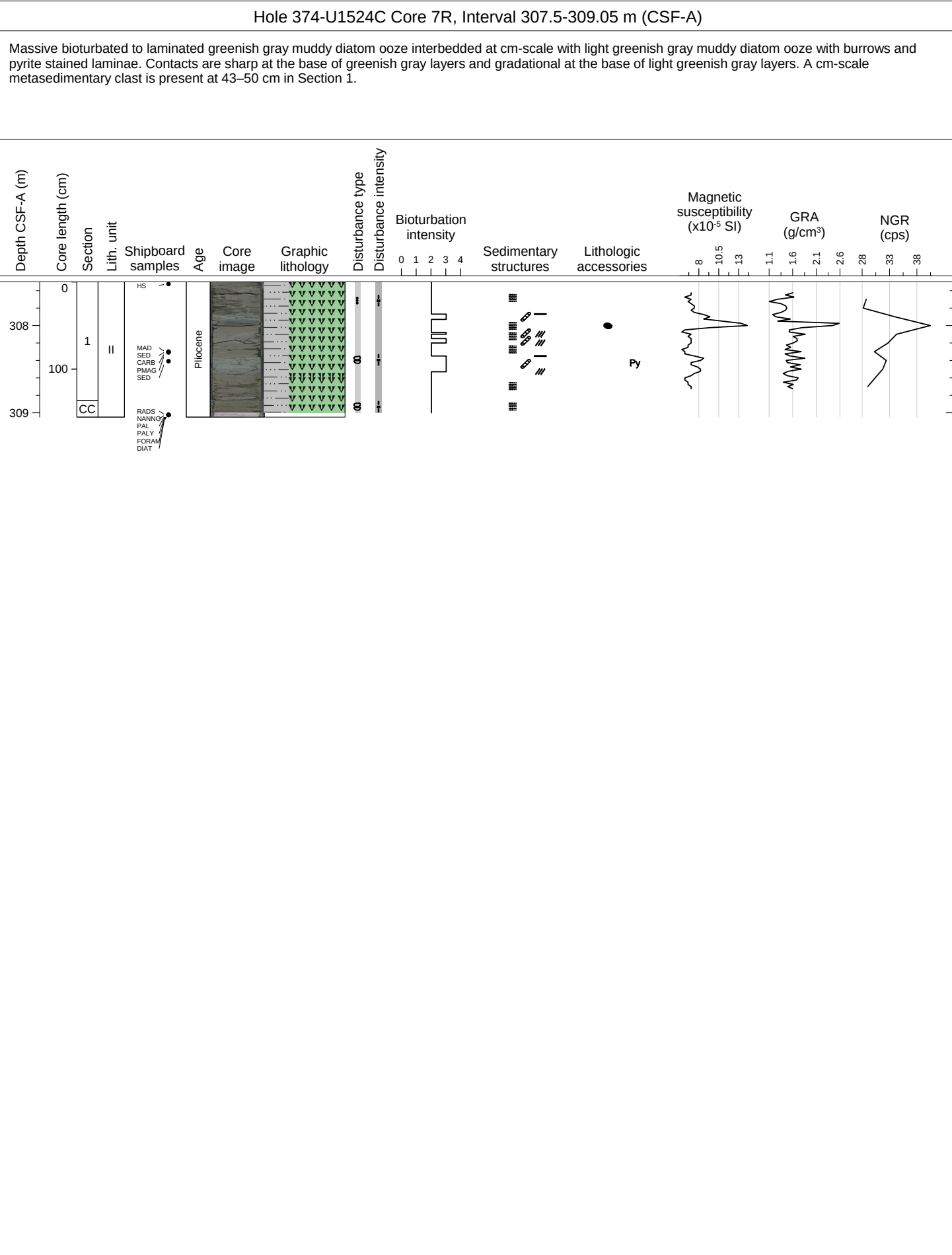
Hole 374-U1524C Core 2R, Interval 260.5-269.1 m (CSF-A)																															
NO RECOVERY																															
Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Shipboard samples	Age	Core image	Graphic lithology	Disturbance type	Disturbance intensity	Bioturbation intensity				Sedimentary structures	Lithologic accessories	Magnetic susceptibility (x10 ⁻⁵ SI)				GRA (g/cm ³)				NGR (cps)							
										0	1	2	3			4	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1
261	0																														
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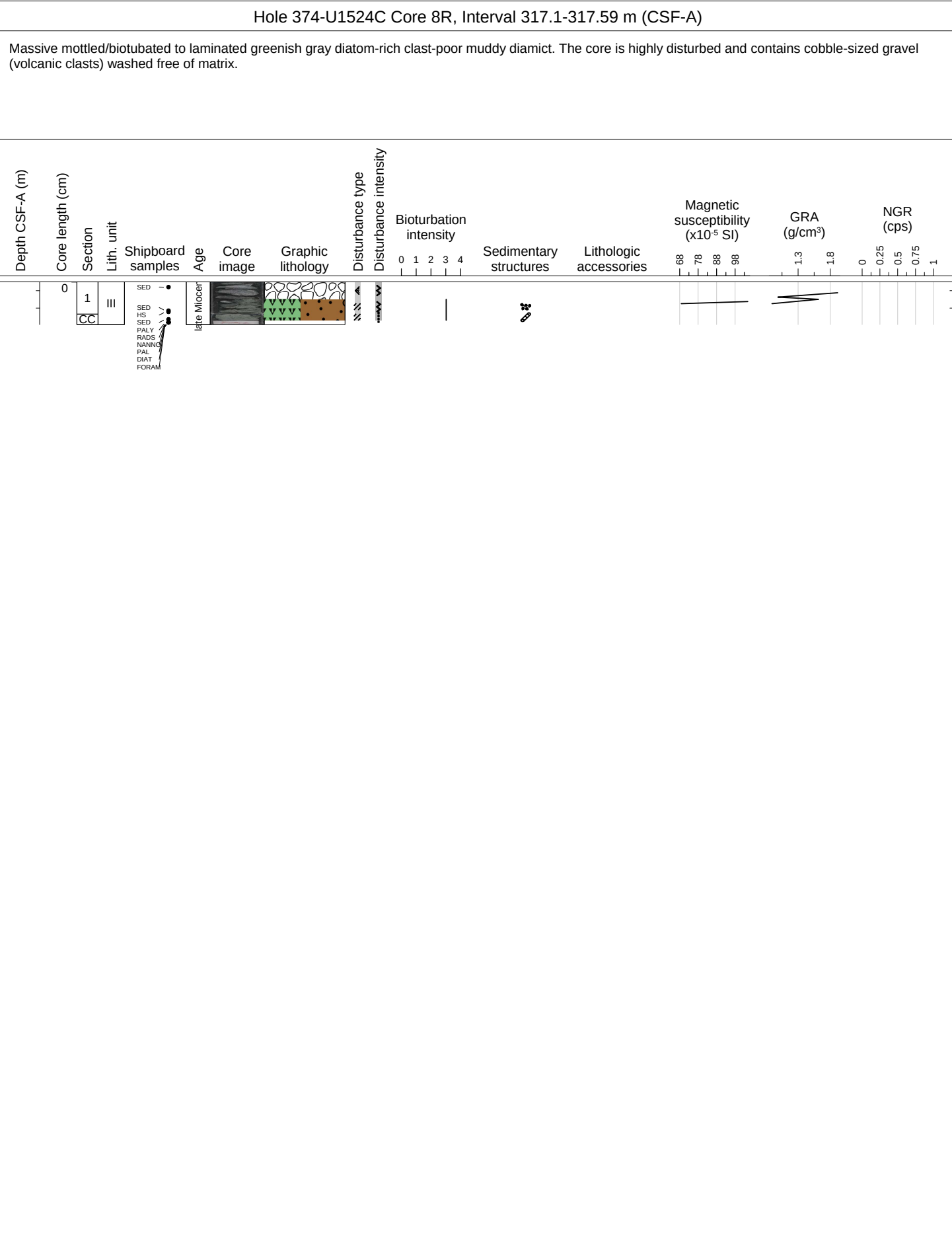
Hole 374-U1524C Core 3R, Interval 269.1-278.7 m (CSF-A)																															
NO RECOVERY																															
Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Shipboard samples	Age	Core image	Graphic lithology	Disturbance type	Disturbance intensity	Bioturbation intensity				Sedimentary structures	Lithologic accessories	Magnetic susceptibility (x10 ⁻⁵ SI)				GRA (g/cm ³)				NGR (cps)							
										0	1	2	3			4	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1
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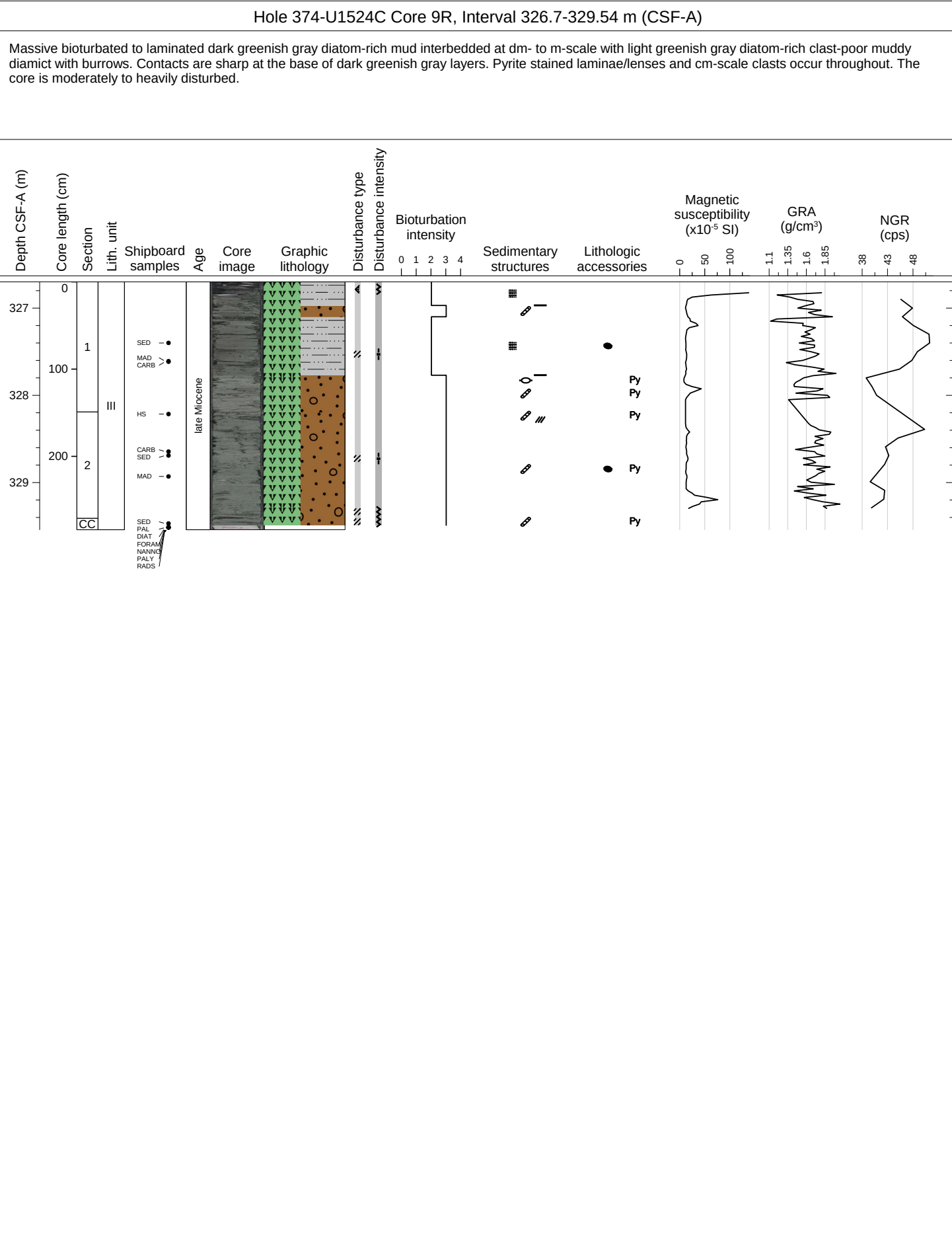


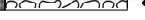
Hole 374-U1524C Core 5R, Interval 288.3-288.41 m (CSF-A)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Hole 374-U1524C Core 6R, Interval 297.9-297.95 m (CSF-A)																															
Cobble-sized gravel.																															
Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Shipboard samples	Age	Core image	Graphic lithology	Disturbance type	Disturbance intensity	Bioturbation intensity				Sedimentary structures	Lithologic accessories	Magnetic susceptibility (x10 ⁻⁵ SI)				GRA (g/cm ³)				NGR (cps)							
										0	1	2	3			4	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1
	0	10	20	30	40	50	60	70	80	90	100																				

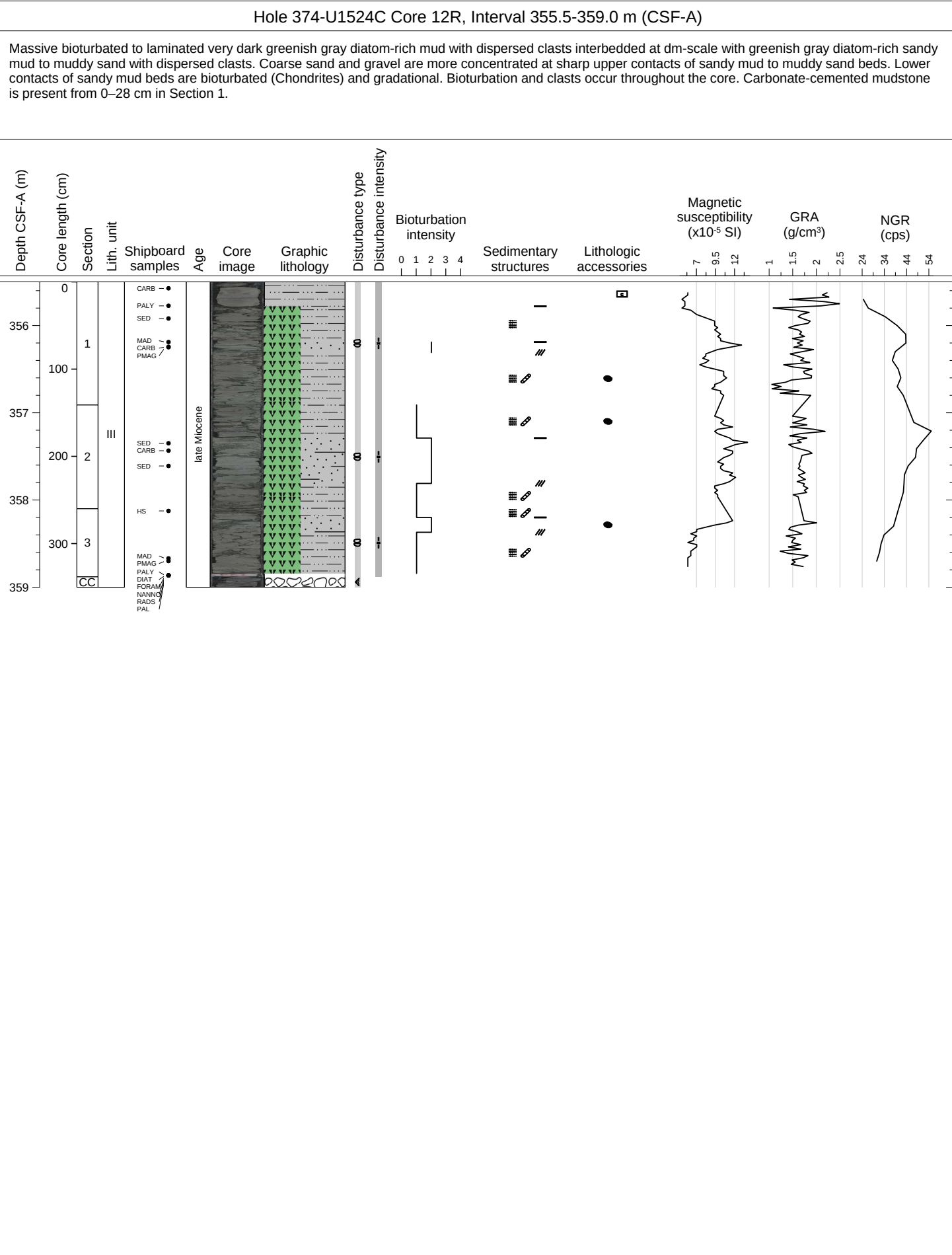




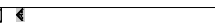


Hole 374-U1524C Core 10R, Interval 336.3-336.38 m (CSF-A)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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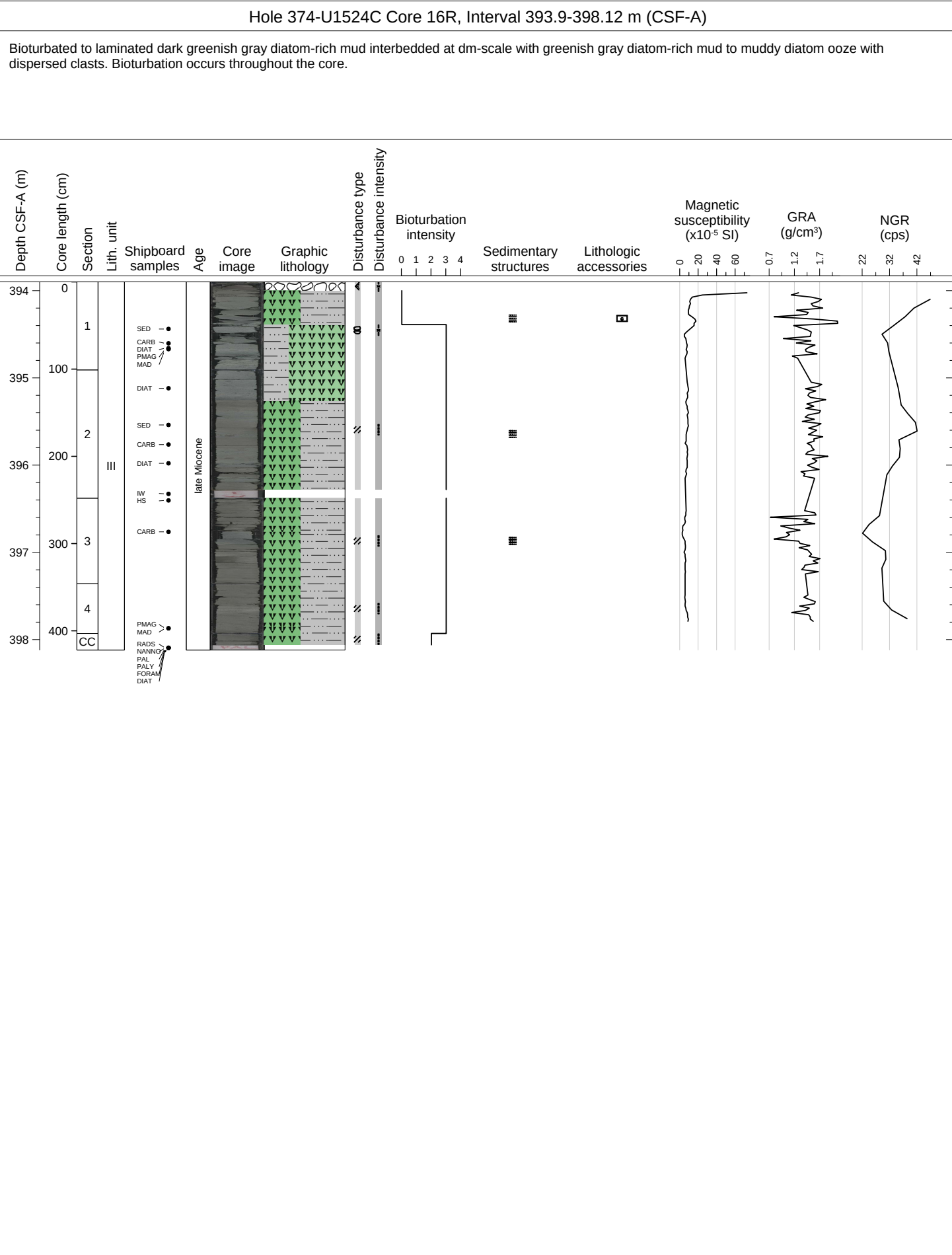
Hole 374-U1524C Core 11R, Interval 345.9-355.5 m (CSF-A)																															
NO RECOVERY																															
Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Shipboard samples	Age	Core image	Graphic lithology	Disturbance type	Disturbance intensity	Bioturbation intensity				Sedimentary structures	Lithologic accessories	Magnetic susceptibility (x10 ⁻⁵ SI)				GRA (g/cm ³)				NGR (cps)							
										0	1	2	3			4	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1
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Hole 374-U1524C Core 13R, Interval 365.1-365.16 m (CSF-A)																													
Cobble-sized gravel.																													
Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Shipboard samples	Age	Core image	Graphic lithology	Disturbance type	Disturbance intensity	Bioturbation intensity				Sedimentary structures	Lithologic accessories	Magnetic susceptibility (x10 ⁻⁵ SI)				GRA (g/cm ³)				NGR (cps)					
										0	1	2	3			4	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1	0	0.25	0.5
	0			PAL RADS FORAM HS NANNING DIAT PILY	late Mi																								

Hole 374-U1524C Core 14R, Interval 374.7-374.81 m (CSF-A)																											
Cobble-sized gravel.																											
Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Shipboard samples	Age	Core image	Graphic lithology	Disturbance type	Disturbance intensity	Bioturbation intensity				Sedimentary structures	Lithologic accessories	Magnetic susceptibility (x10 ⁻⁶ SI)				GRA (g/cm ³)				NGR (cps)			
										0	1	2	3			4	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1	0
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Hole 374-U1524C Core 15R, Interval 384.3-384.42 m (CSF-A)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Shipboard samples	Age	Core image	Graphic lithology	Disturbance type	Disturbance intensity	Bioturbation intensity				Sedimentary structures	Lithologic accessories	Magnetic susceptibility (x10 ⁻⁶ SI)				GRA (g/cm ³)				NGR (cps)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Hole 374-U1524C Core 17R, Interval 403.5-403.59 m (CSF-A)																														
Cobble-sized gravel.																														
Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Shipboard samples	Age	Core image	Graphic lithology	Disturbance type	Disturbance intensity					Sedimentary structures	Lithologic accessories	Magnetic susceptibility (x10 ⁻⁶ SI)					GRA (g/cm ³)					NGR (cps)				
									0	1	2	3	4			0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1
	0	CCC	III			late Miocene																								

Hole 374-U1524C Core 18R, Interval 413.1-413.15 m (CSF-A)																														
Cobble-sized gravel.																														
Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Shipboard samples	Age	Core image	Graphic lithology	Disturbance type	Disturbance intensity	Bioturbation intensity				Sedimentary structures	Lithologic accessories	Magnetic susceptibility (x10 ⁻⁵ SI)				GRA (g/cm ³)				NGR (cps)						
										0	1	2	3			4	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75
	0	0	0	0	late Miocene	HS DIAT																								

Hole 374-U1524C Core 19R, Interval 422.7-432.3 m (CSF-A)																															
NO RECOVERY																															
Depth CSF-A (m)	Core length (cm)	Section	Lith. unit	Shipboard samples	Age	Core image	Graphic lithology	Disturbance type	Disturbance intensity	Bioturbation intensity				Sedimentary structures	Lithologic accessories	Magnetic susceptibility (x10 ⁻⁵ SI)				GRA (g/cm ³)				NGR (cps)							
										0	1	2	3			4	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1	0	0.25	0.5	0.75	1
423	0																														
424																															
425																															
426																															
427																															
428																															
429																															
430																															
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