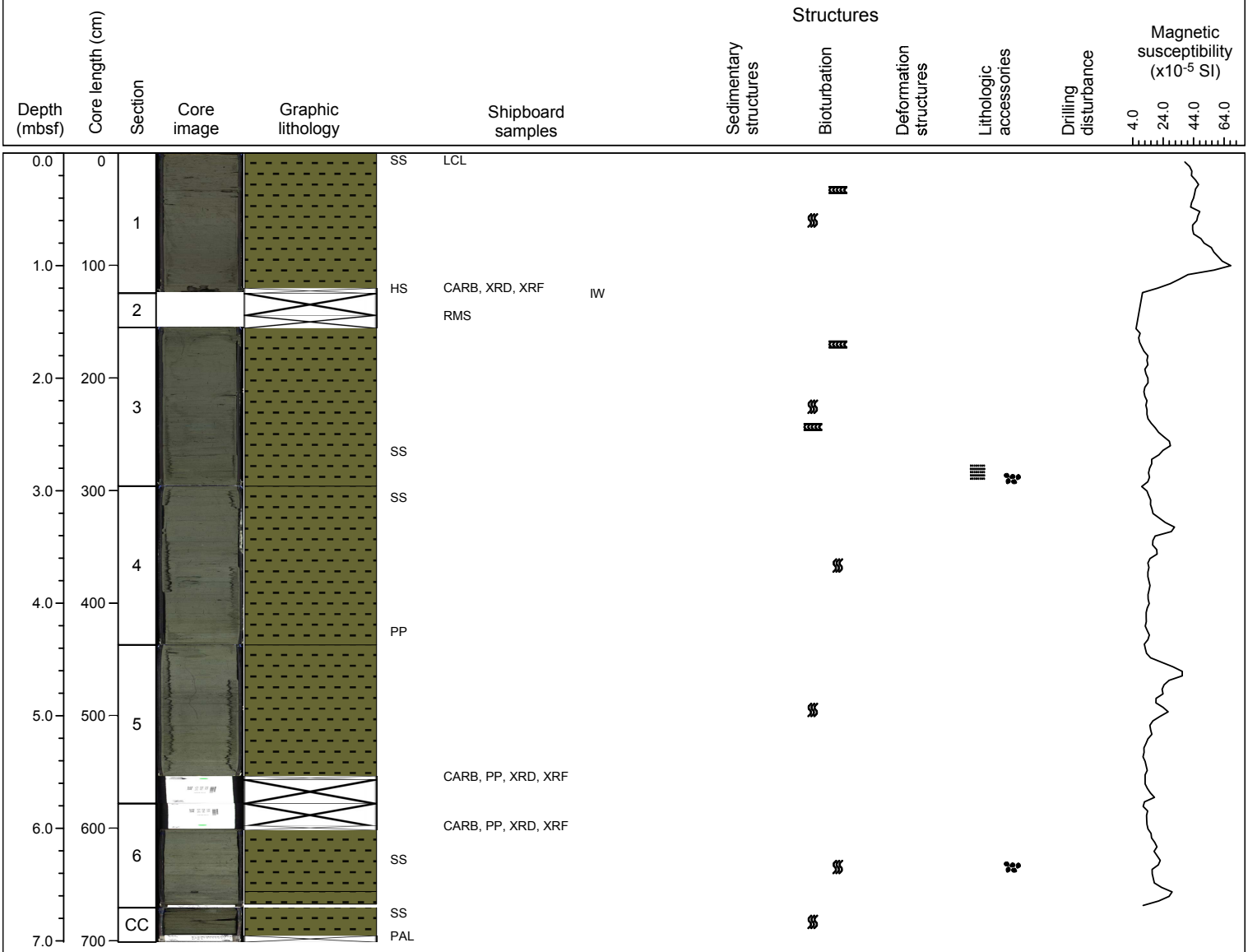
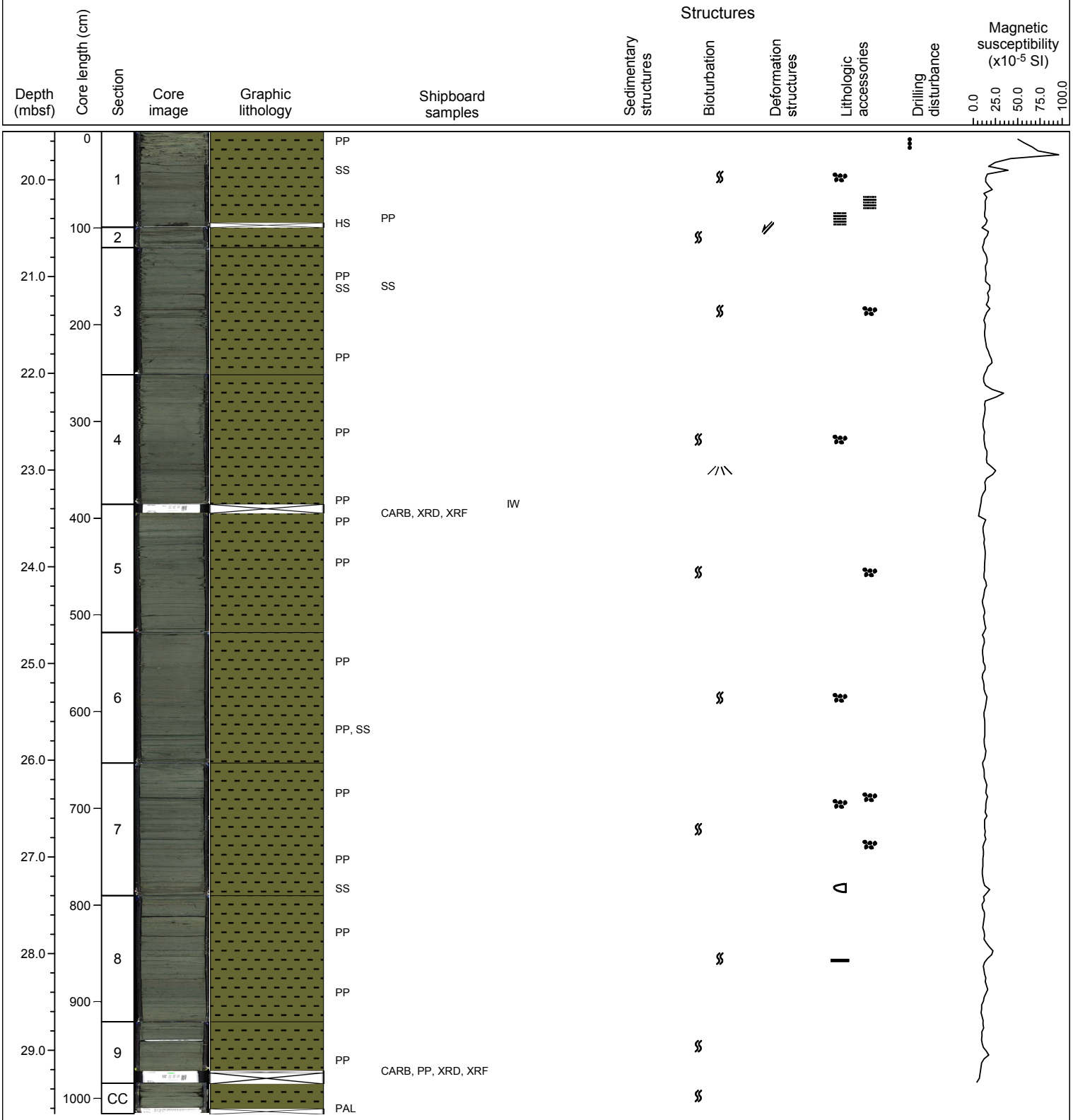
Hole C0022B Core 1H, interval 0-7.01 m (core depth below seafloor)

Silty clay with intense bioturbation. Sections 1, 2 and 3 were not split and therefore were described based solely on the CT image.



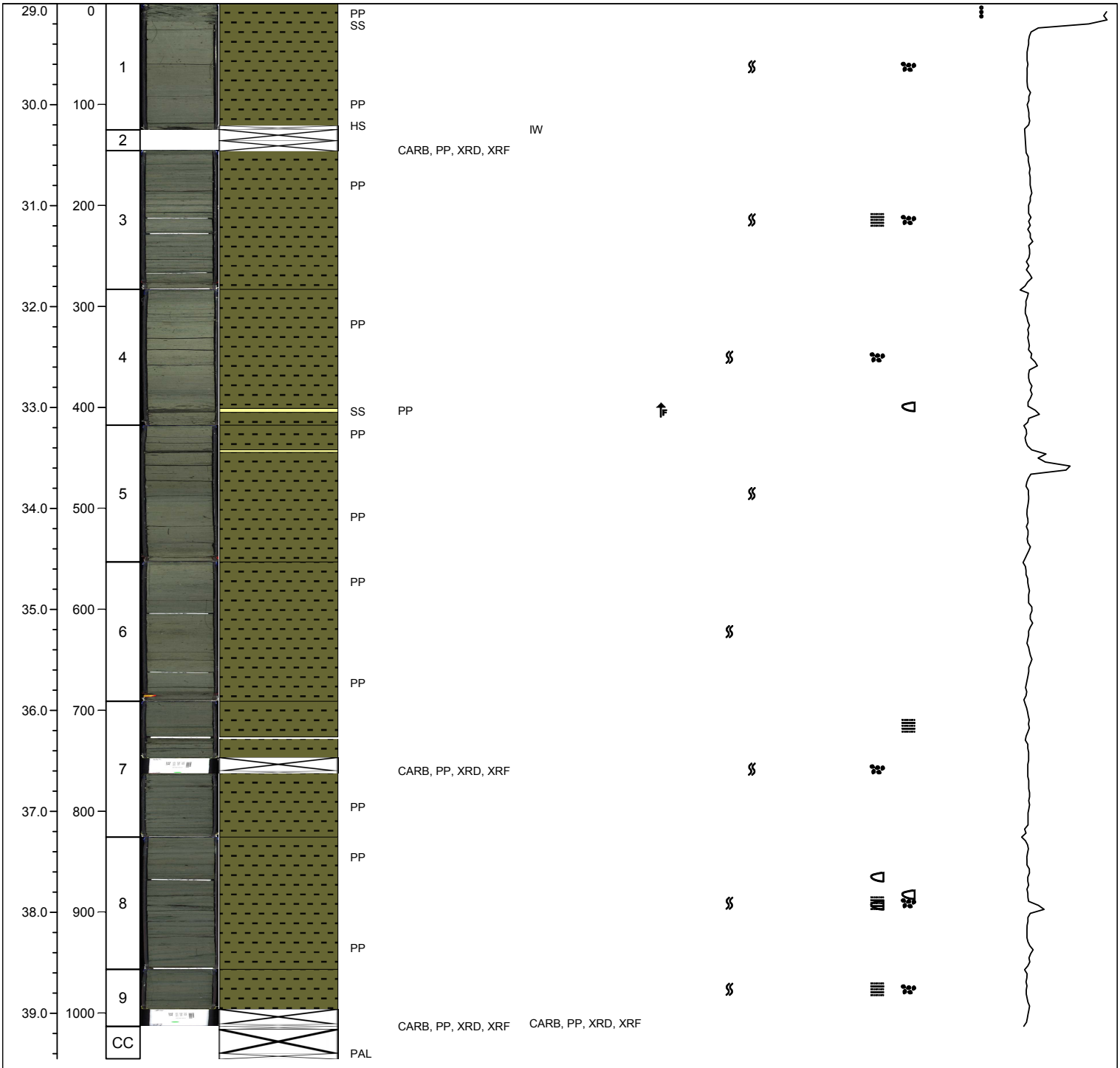
Hole C0022B Core 2H, interval 19.5-29.655 m (core depth below seafloor)

Dark greenish gray silty clay with bioturbation and greenish mottling and banding.



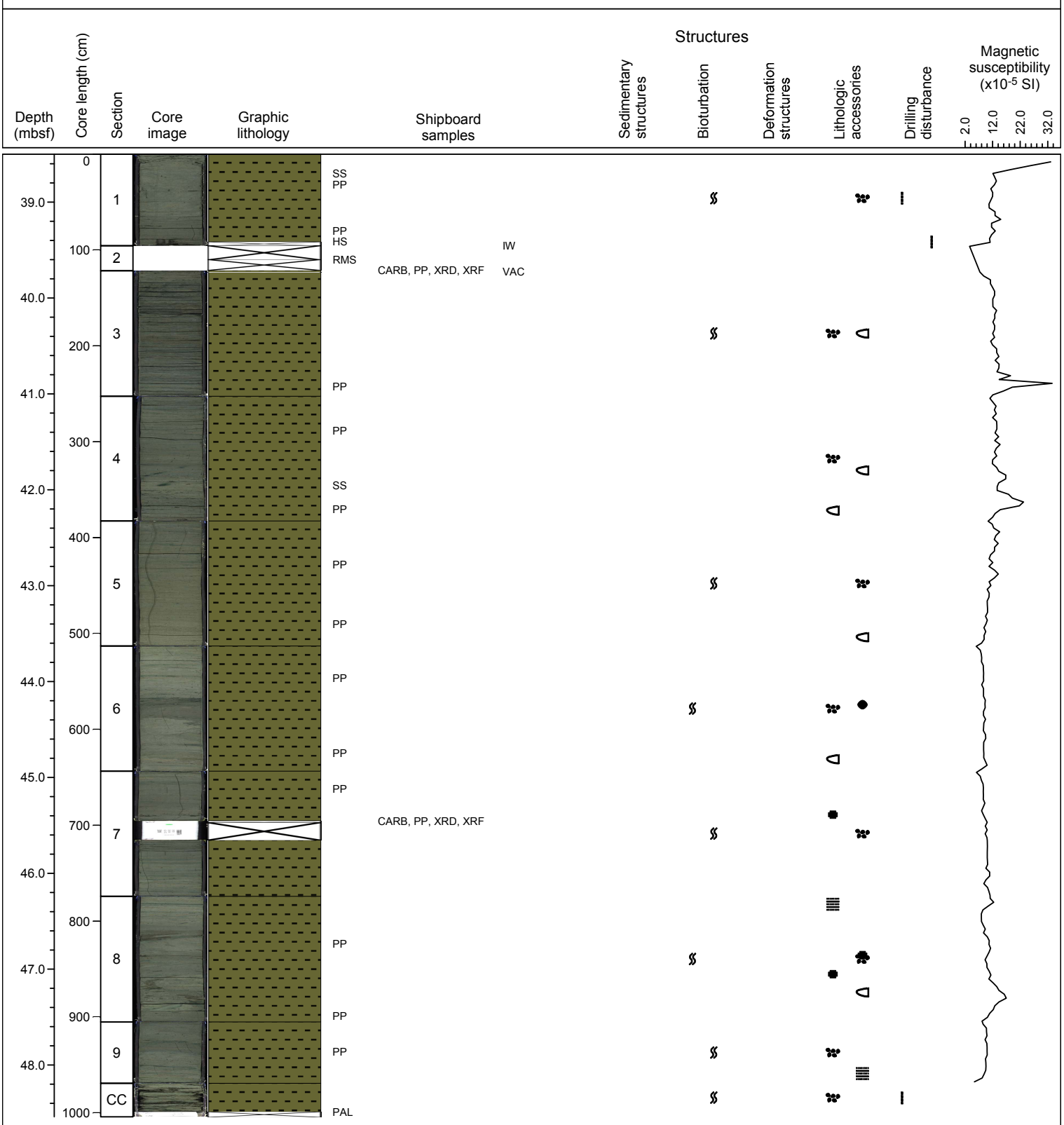
Hole C0022B Core 3H, interval 29-39.45 m (core depth below seafloor)

Olive gray silty clay with bioturbation, greenish mottling and banding. Dark gray fine sand is the minor lithology .
Possible soft sediment deformation is observed in Section 8, where patches of sand seem to have been mixed and greenish bands are not horizontal.



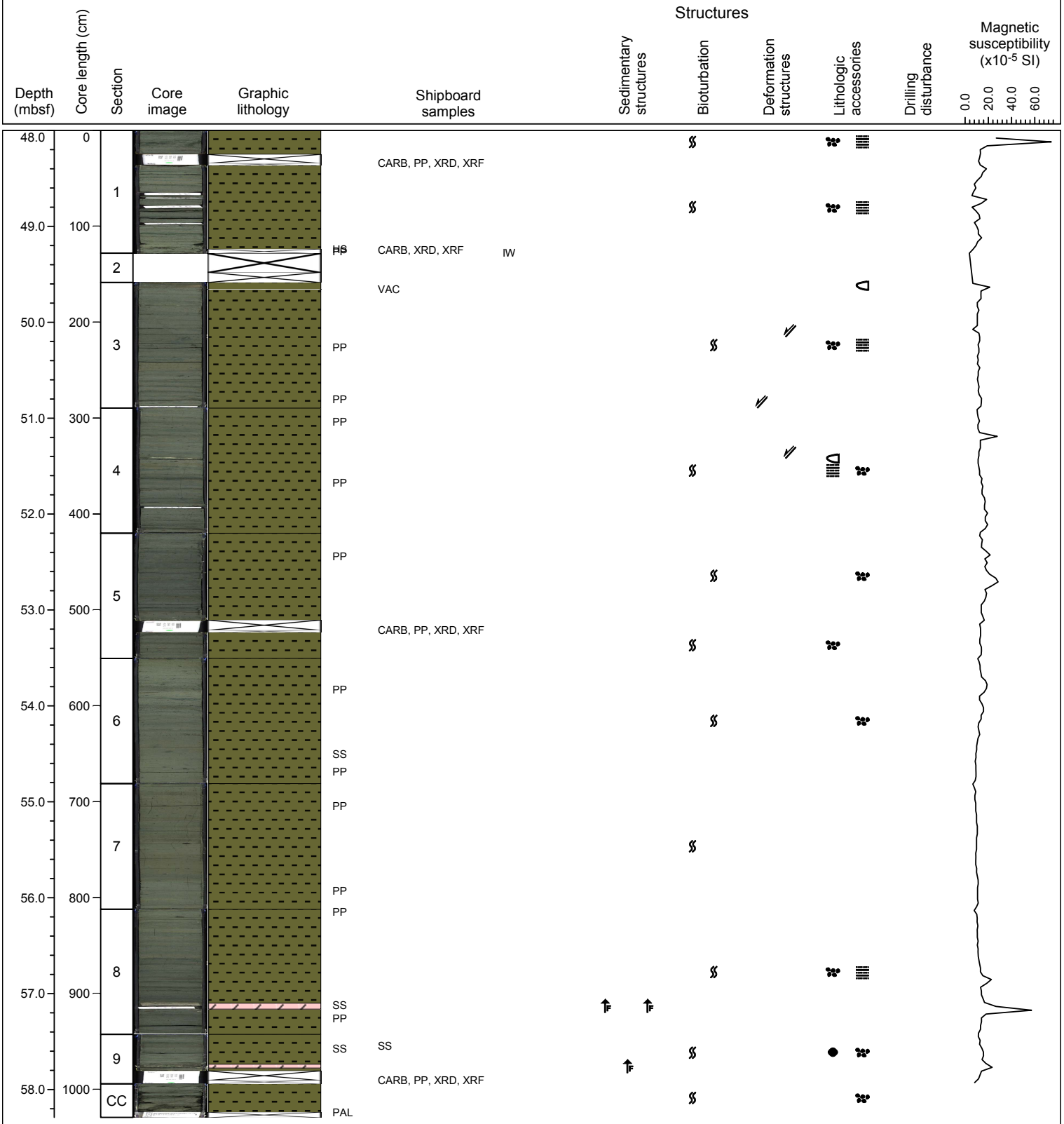
Hole C0022B Core 4H, interval 38.5-48.54 m (core depth below seafloor)

Olive gray silty clay with bioturbation and greenish mottles. Small pyrite-filled burrows appear throughout (seen on CT image).



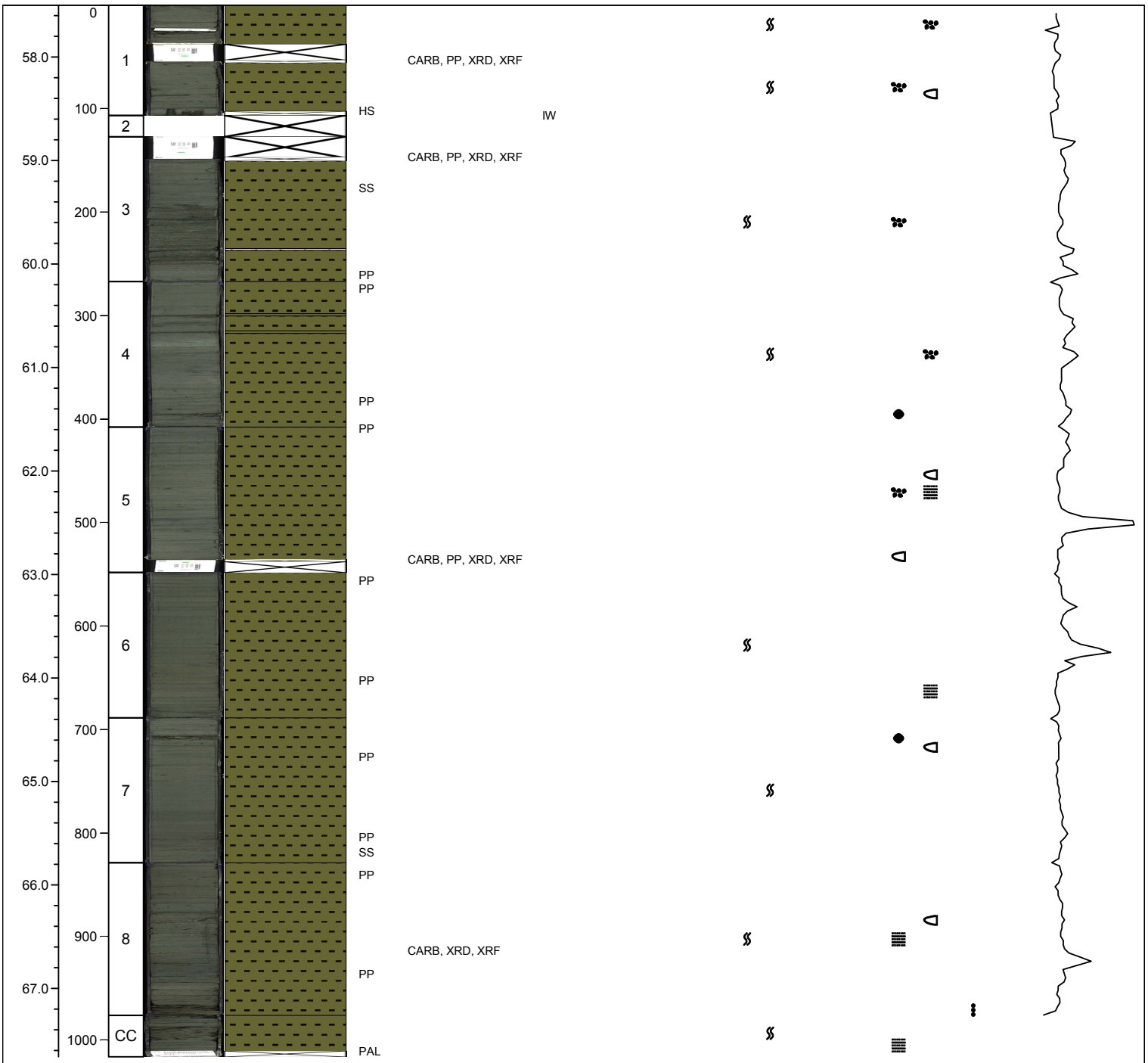
Hole C0022B Core 5H, interval 48-58.29 m (core depth below seafloor)

Dark olive gray silty clay with bioturbation and greenish mottling and banding.



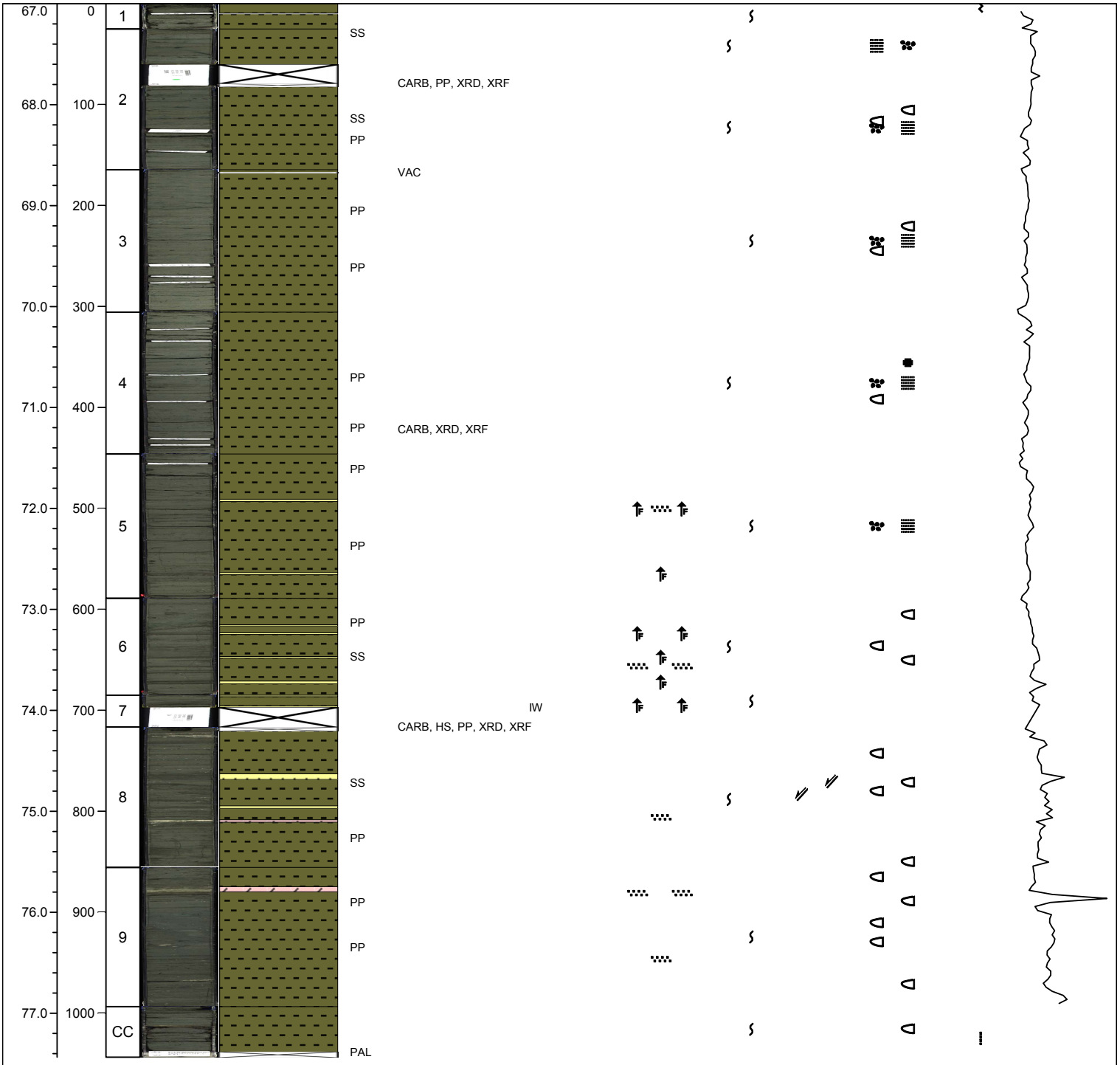
Hole C0022B Core 6H, interval 57.5-67.66 m (core depth below seafloor)

Dark olive gray silty clay with bioturbation and greenish mottling.



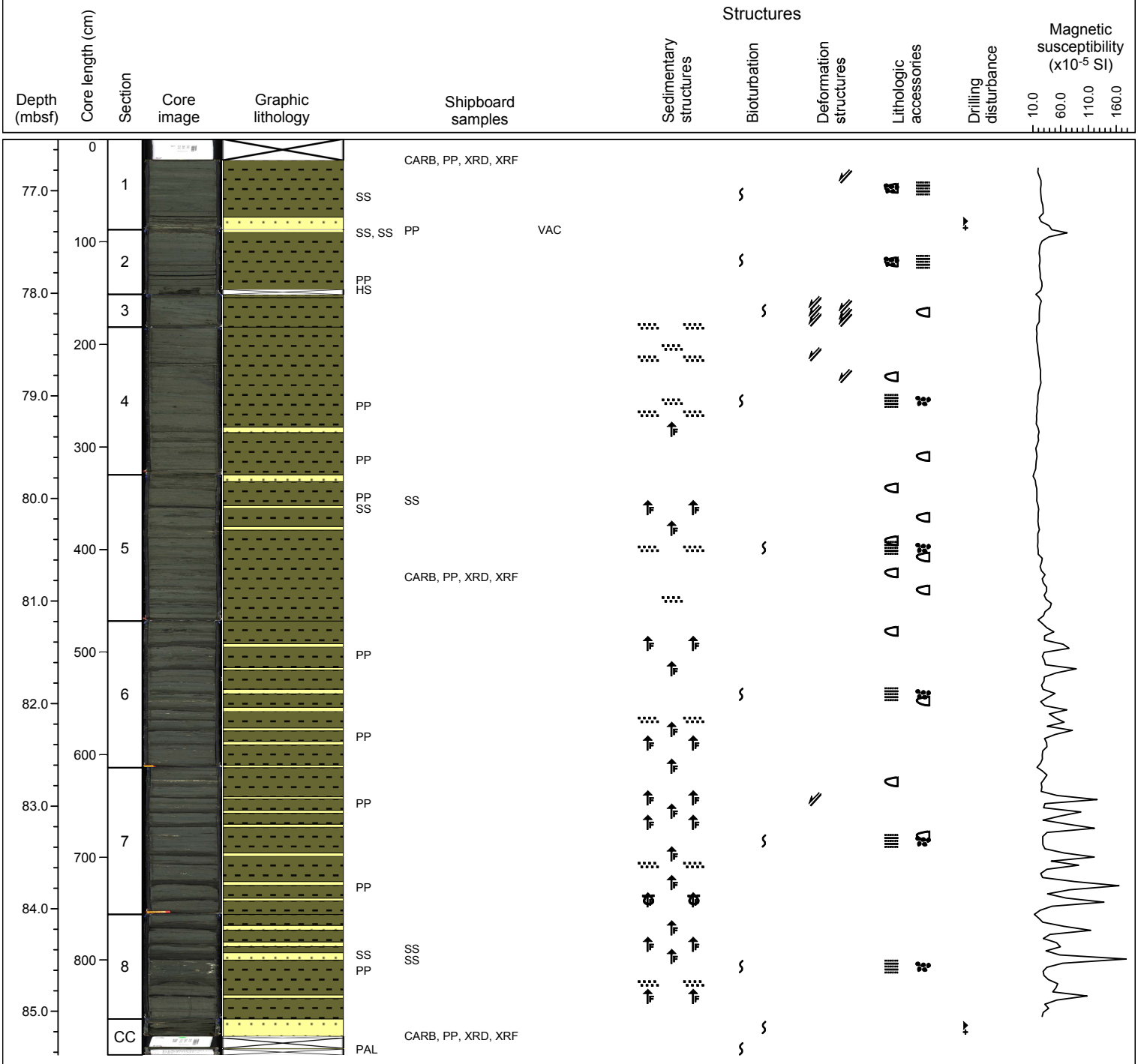
Hole C0022B Core 7H, interval 67-77.435 m (core depth below seafloor)

Olive gray silty clay with scattered blobs of ash, thin ash layers and thin layers of silty sand.
CT image shows that the degree of bioturbation is lower than in previous cores.



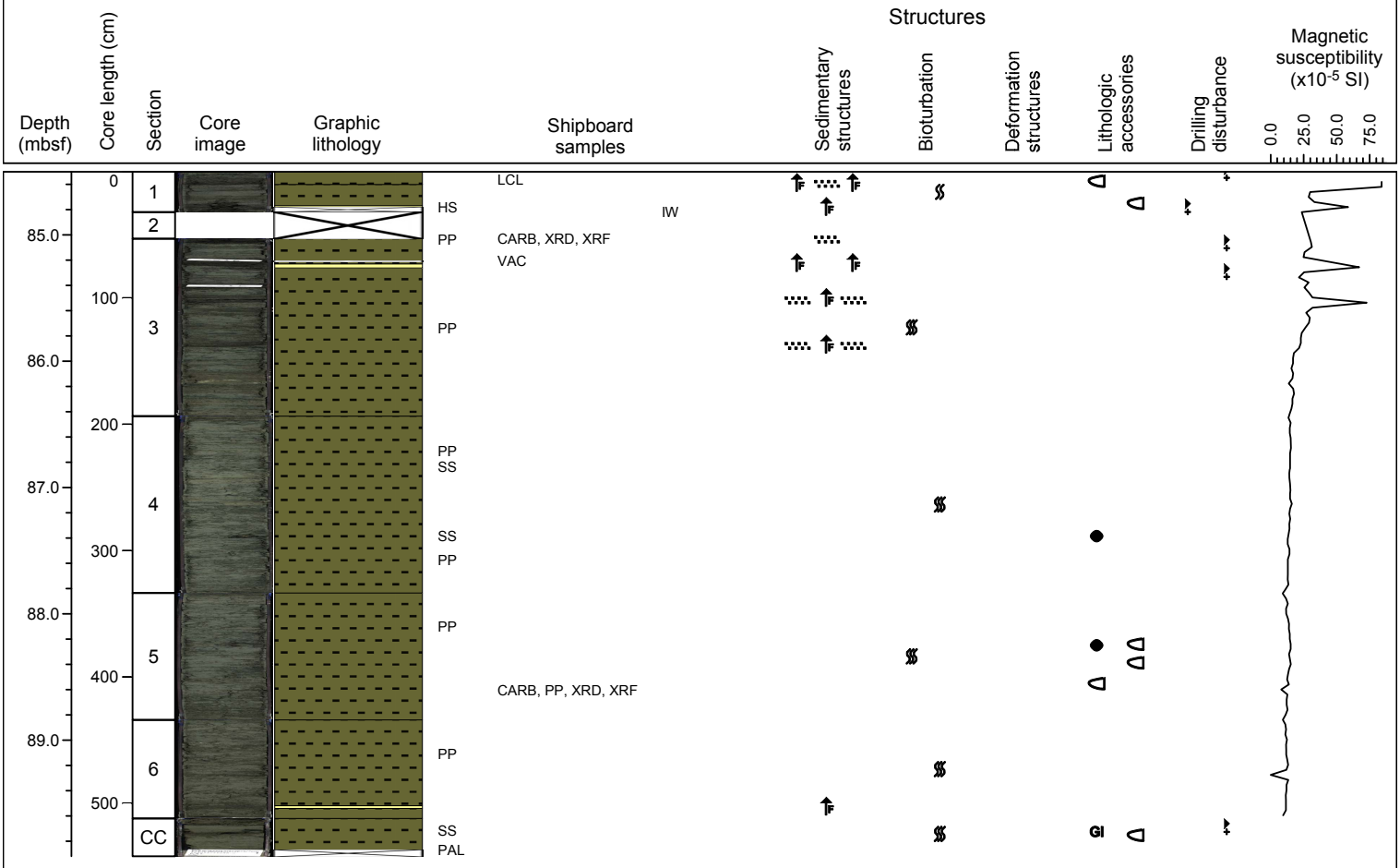
Hole C0022B Core 8H, interval 76.5-85.425 m (core depth below seafloor)

Olive gray silty clay with bioturbation and greenish bands and mottles.
The first observed structures in this site appear in this core (deformation bands and small normal faults).



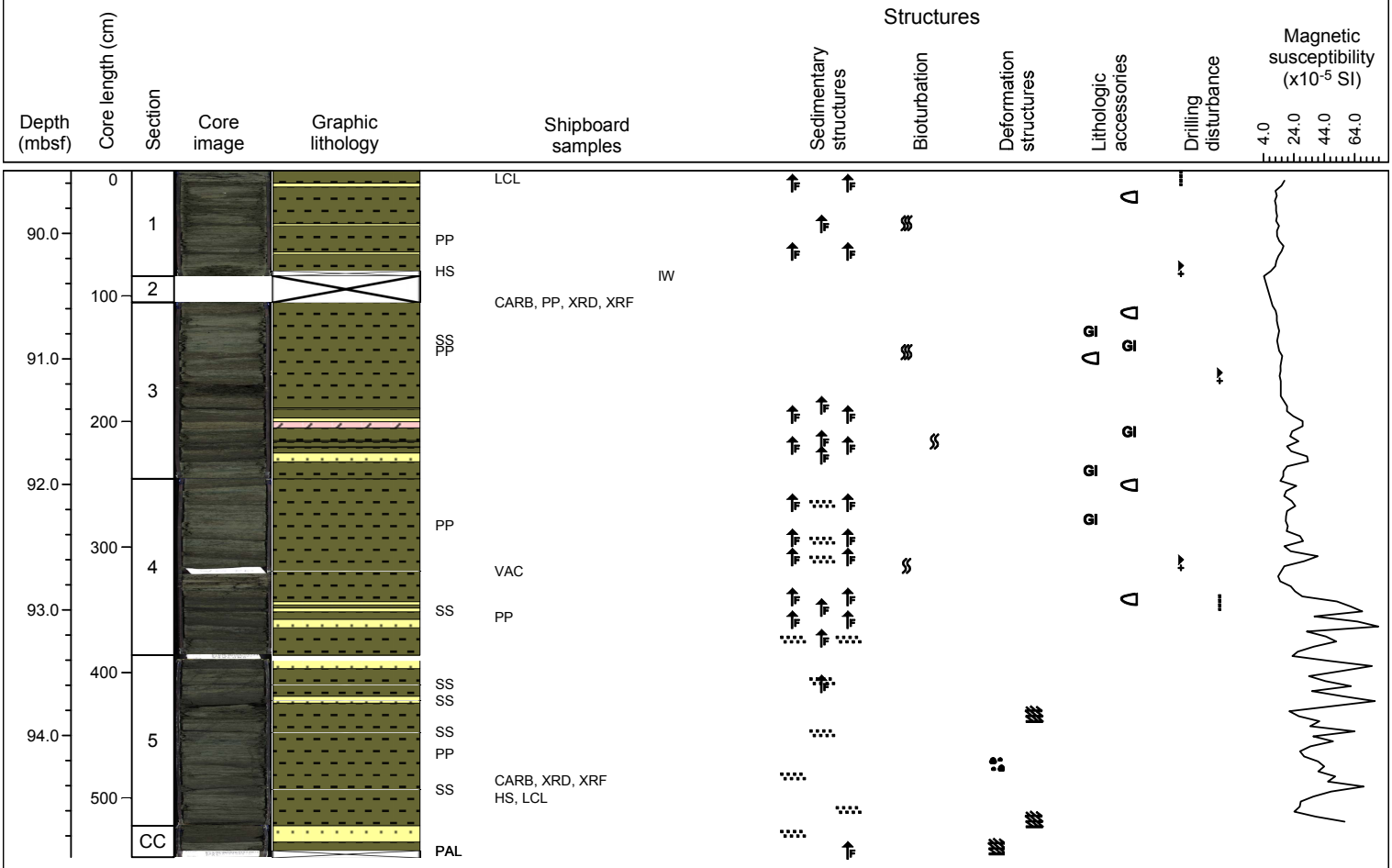
Hole C0022B Core 9T, interval 84.5-89.92 m (core depth below seafloor)

Heavily bioturbated silty clay with some thin fining upward sequences (fine sand to silty clay). Some pumice scattering.



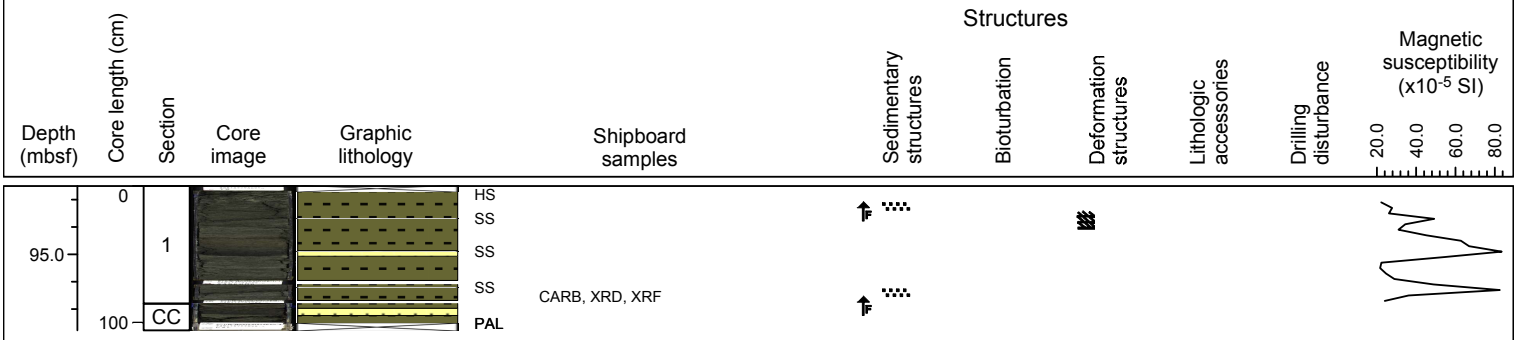
Hole C0022B Core 10T, interval 89.5-94.97 m (core depth below seafloor)

Medium to heavily bioturbated silty clay. Several small fining upward sequences (fine sand to silty clay) are present.
There is also one ash layer.



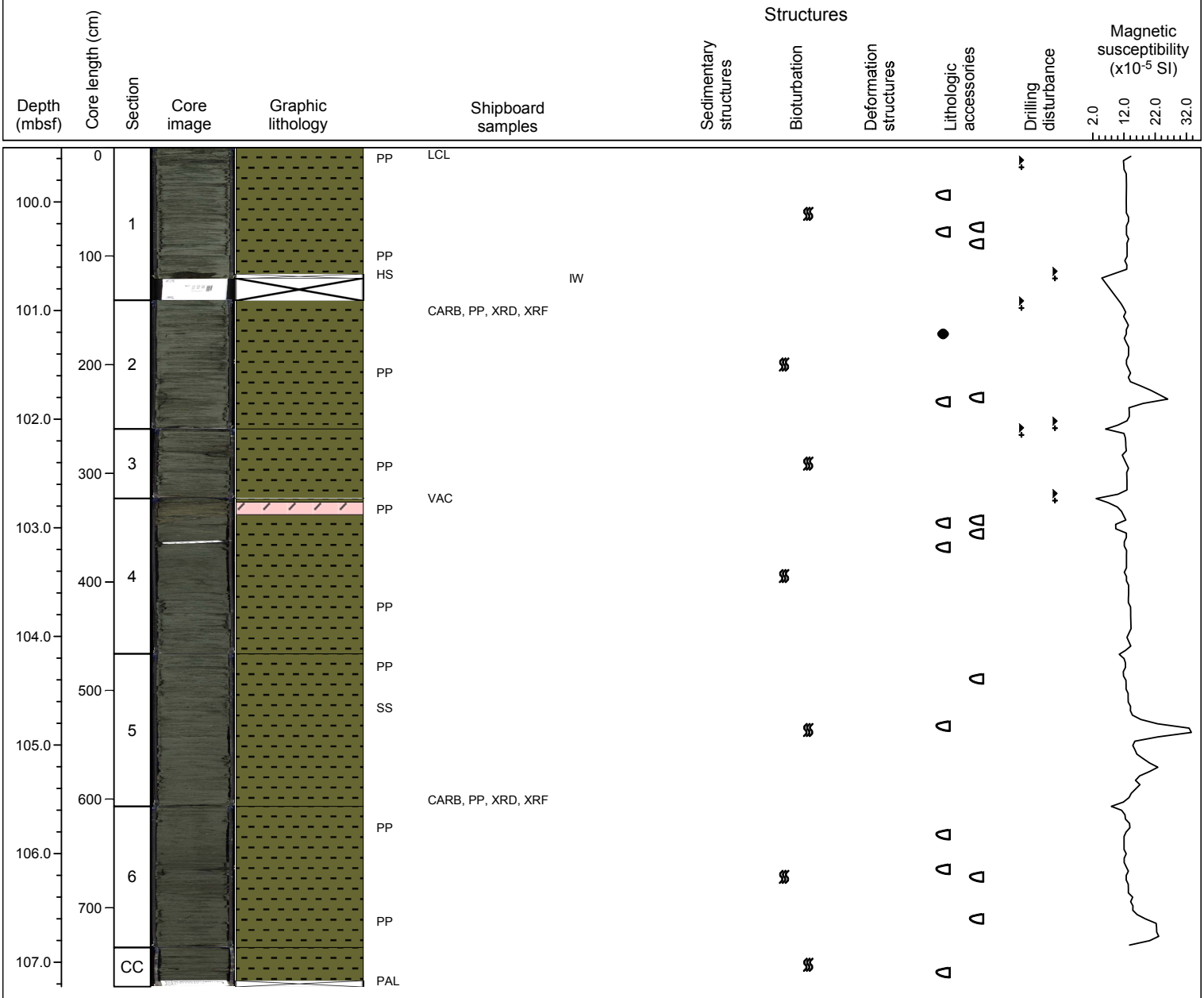
Hole C0022B Core 11T, interval 94.5-95.555 m (core depth below seafloor)

Dark olive gray sitly clay with dark gray fine sand as the minor lithology.



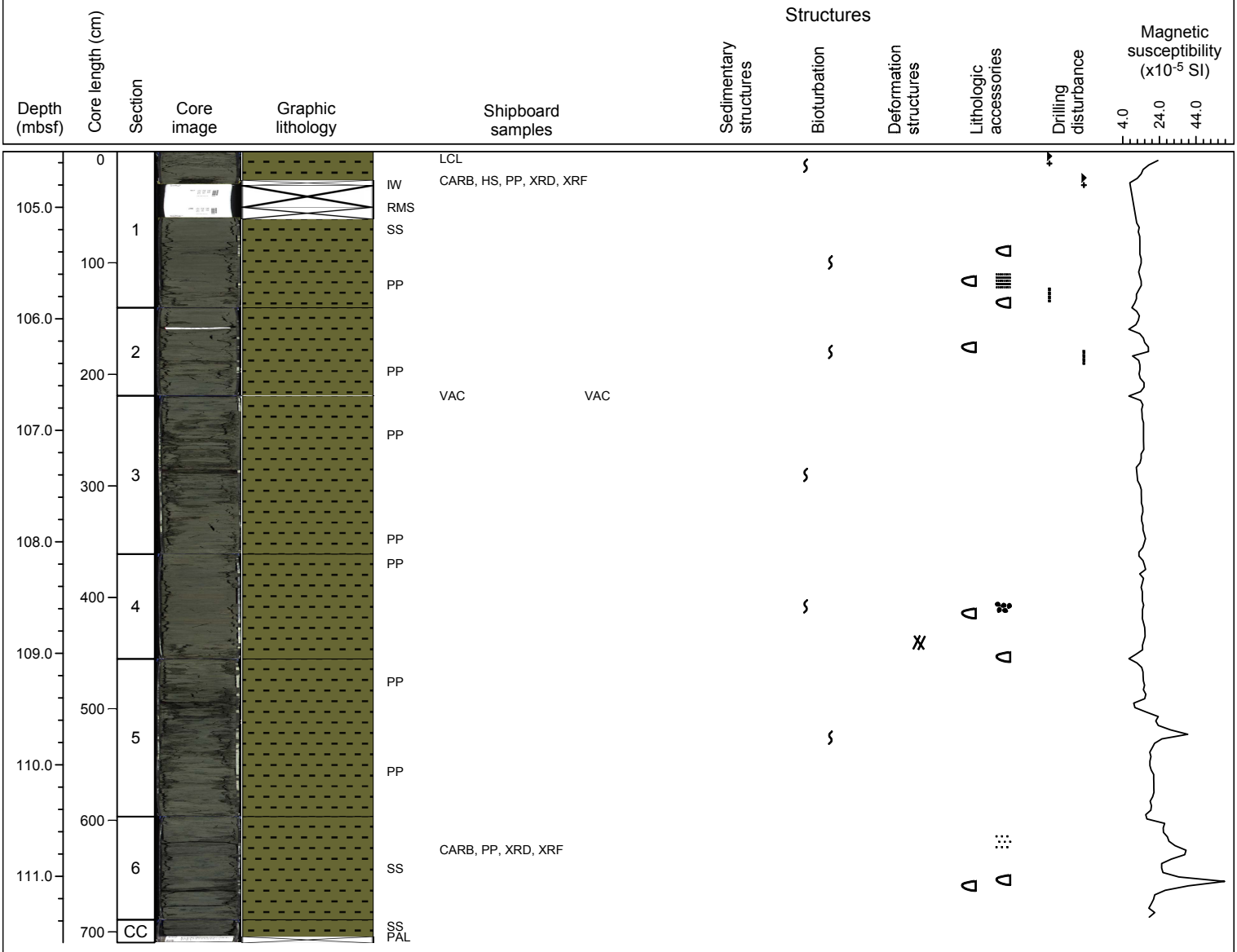
Hole C0022B Core 12X, interval 99.5-107.225 m (core depth below seafloor)

Greenish gray silty clay. There are no structures visible, the sediment is very homogenous due to intense bioturbation.
There are some very rare small ash patches or black, fine sand patches.



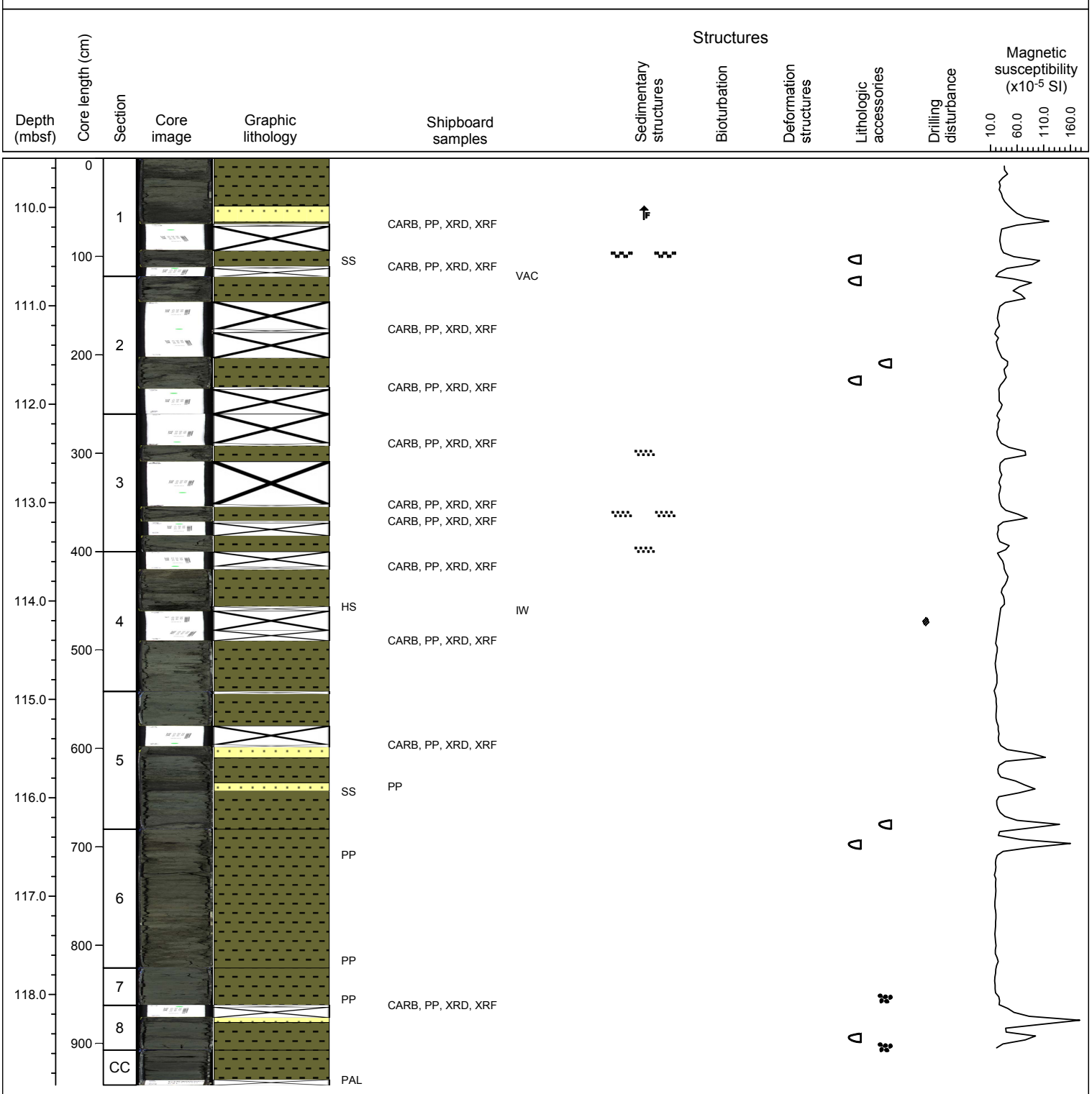
Hole C0022B Core 13X, interval 104.5-111.595 m (core depth below seafloor)

Dark olive gray silty clay. Structureless. Bioturbation seems to diminish in the lower sections of the core.



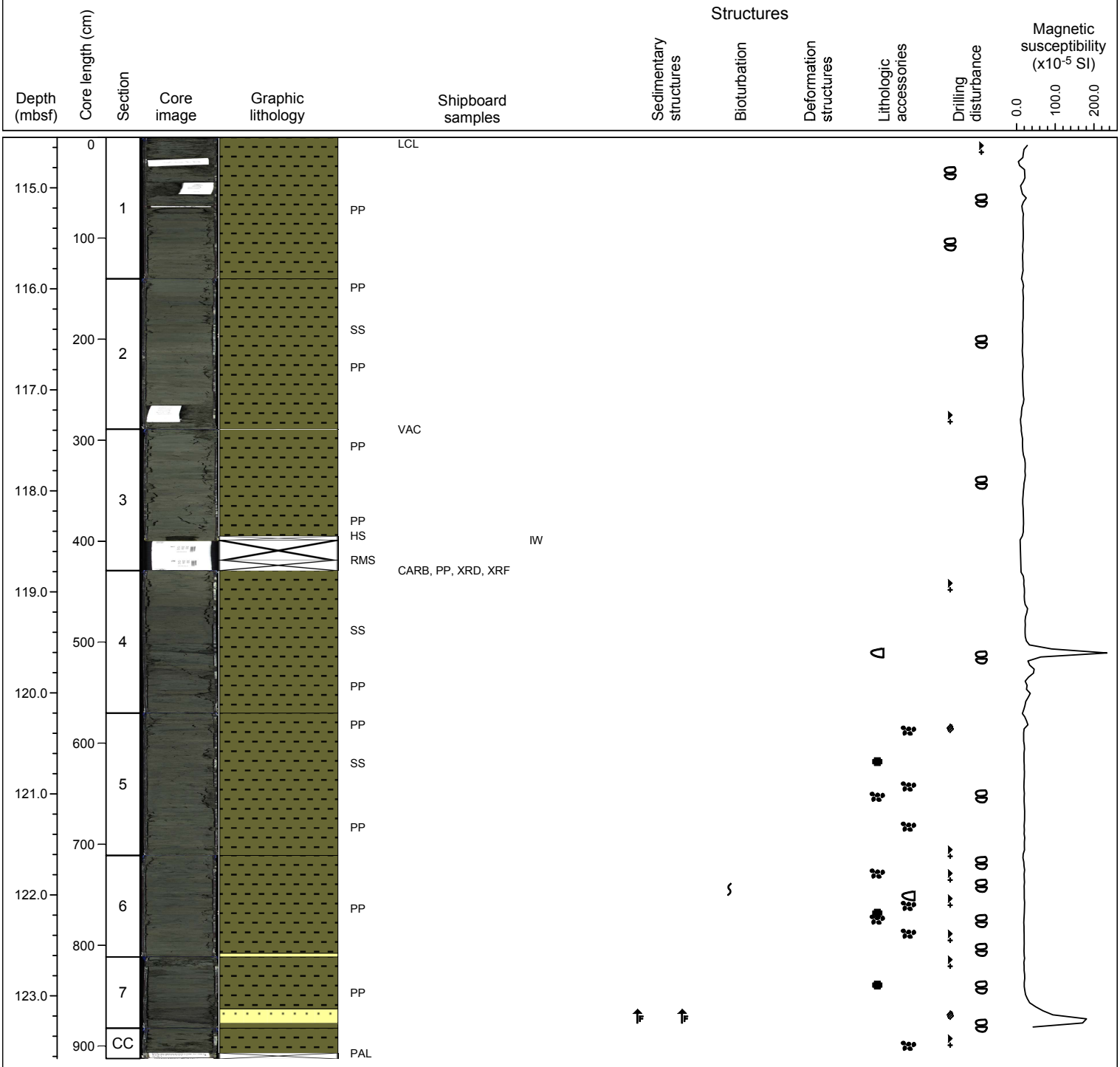
Hole C0022B Core 14X, interval 109.5-118.92 m (core depth below seafloor)

Dark olive gray silty clay. Core drilliing disturbance (spiraled) is very intense through the core.



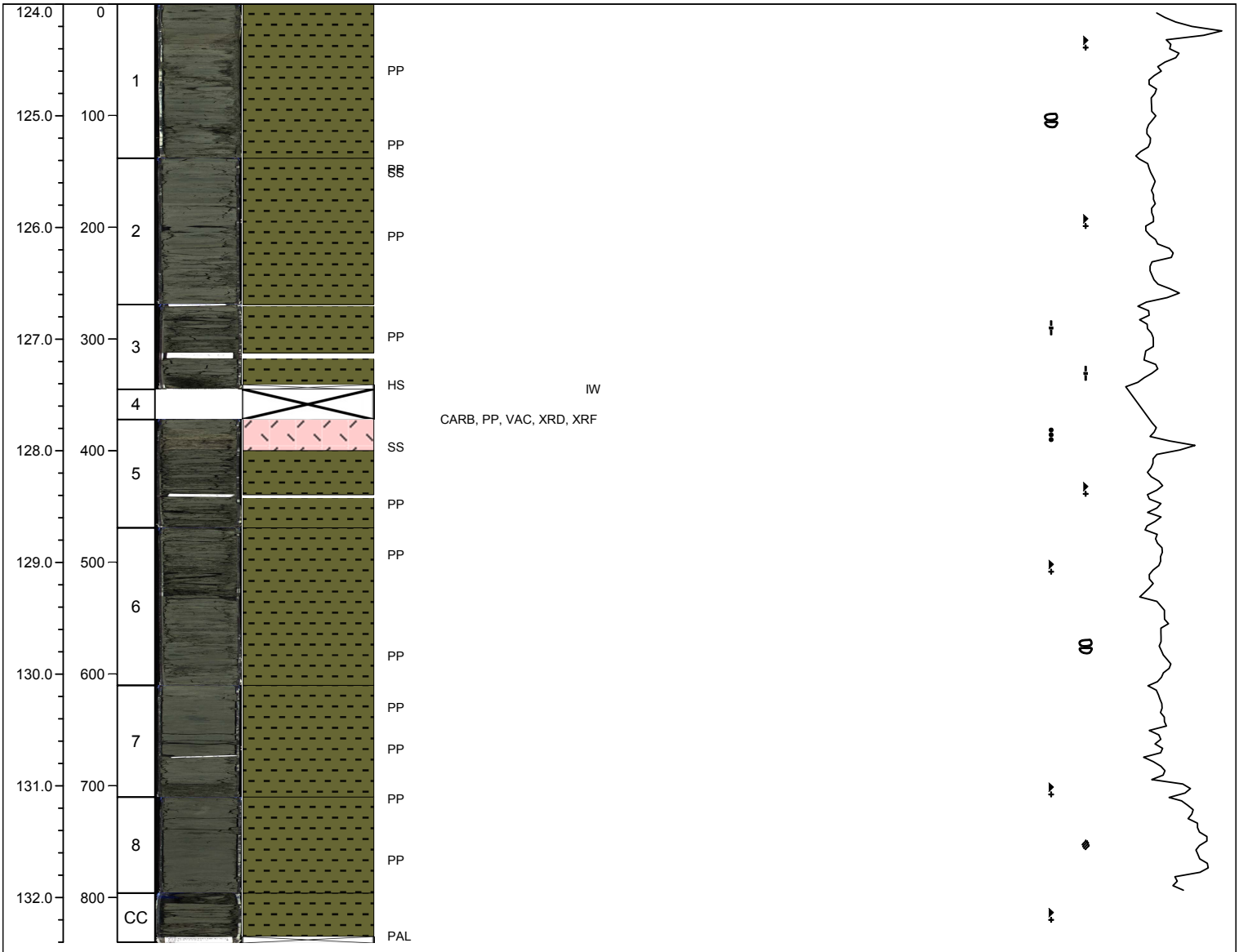
Hole C0022B Core 15X, interval 114.5-123.62 m (core depth below seafloor)

Heavily drilling-disturbed dark olive gray silty clay. Greenish mottling appears in Section 5 and below.



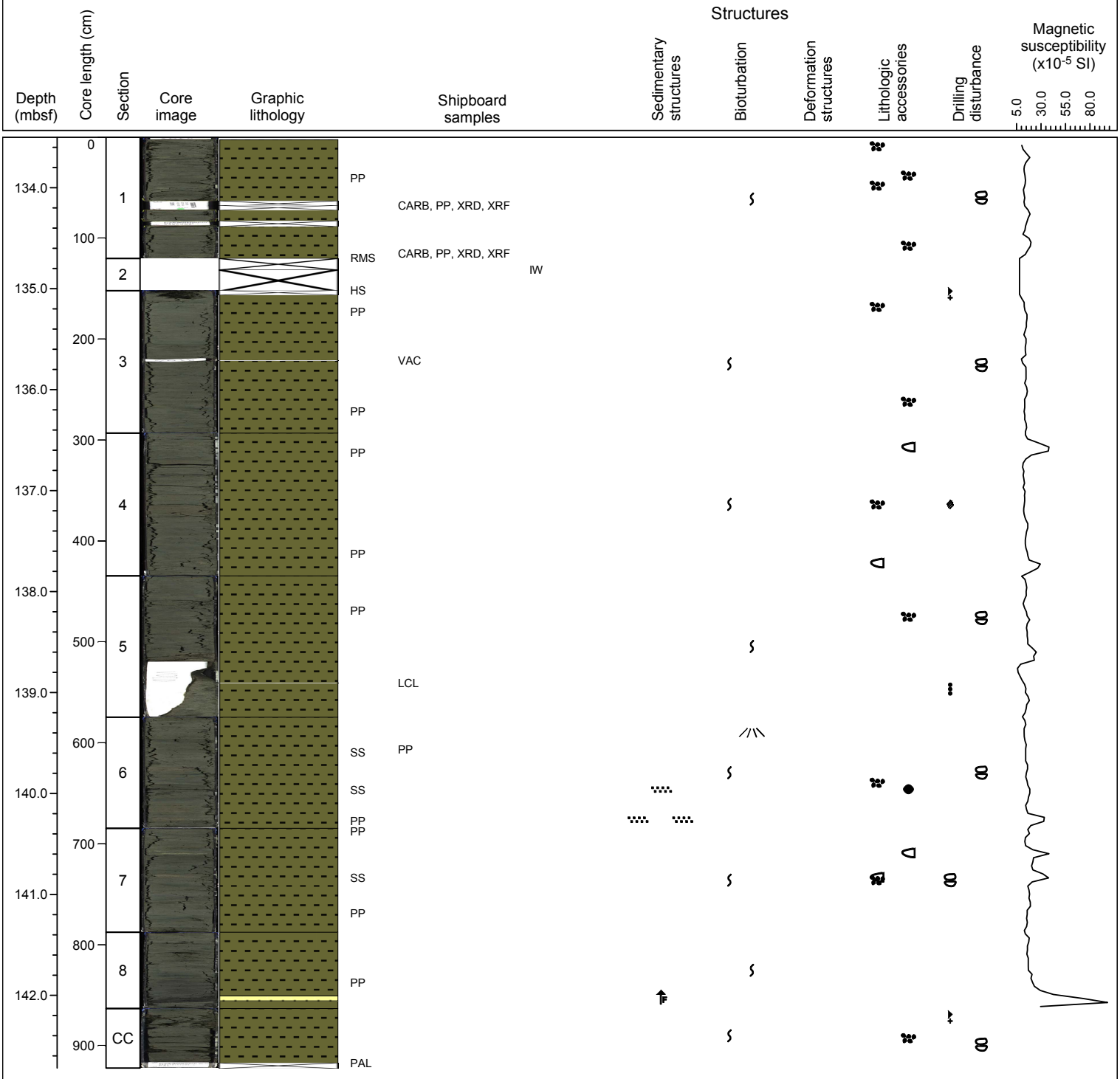
Hole C0022B Core 16X, interval 124-132.4 m (core depth below seafloor)

Dark olive gray silty clay. Heavy drilling disturbance throughout. An ash layer appears at the top of Section 5.



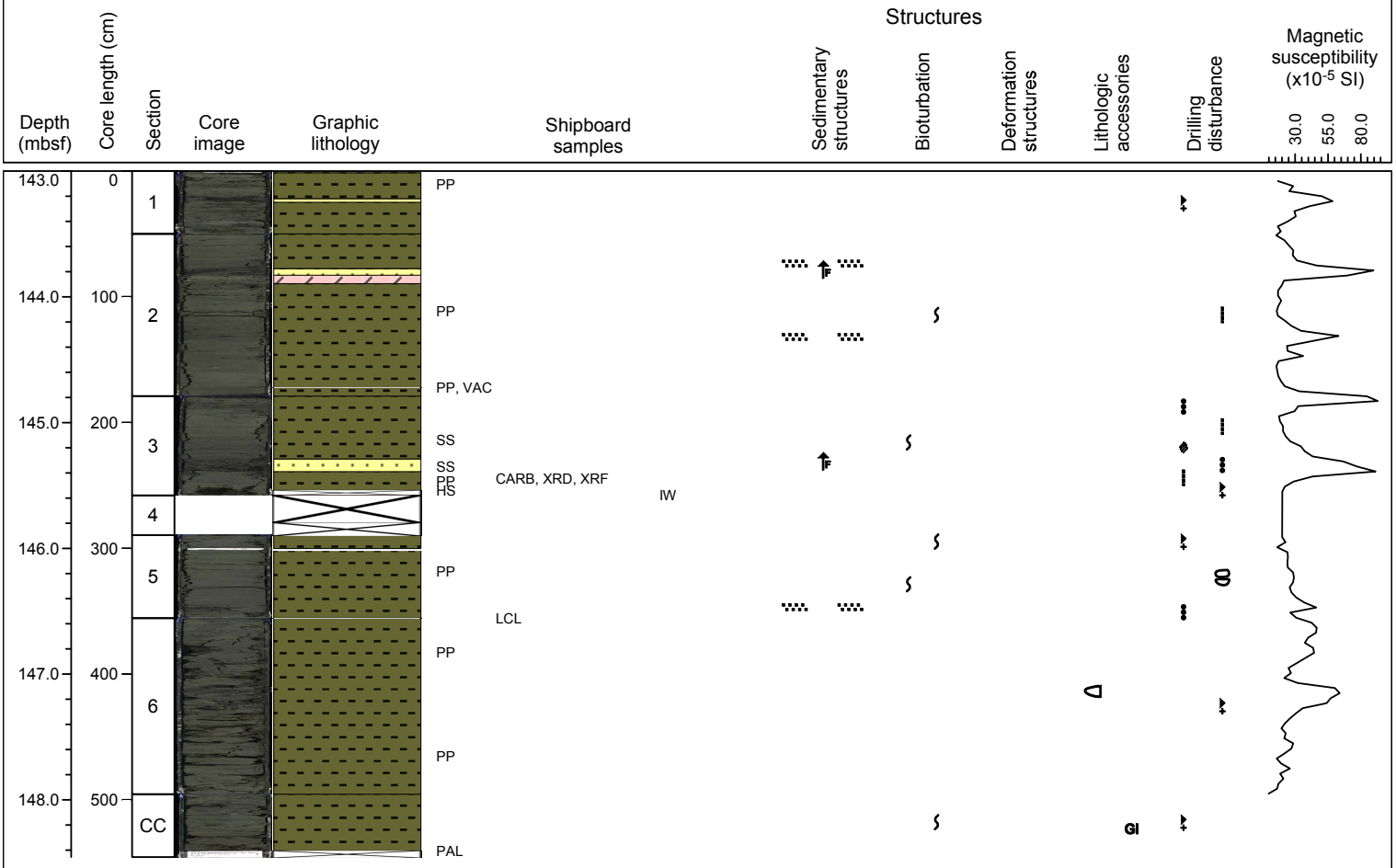
Hole C0022B Core 17X, interval 133.5-142.72 m (core depth below seafloor)

Olive gray silty clay with bioturbation and greenish mottling. Drilling disturbance (mostly biscuiting) is intense throughout the whole core.



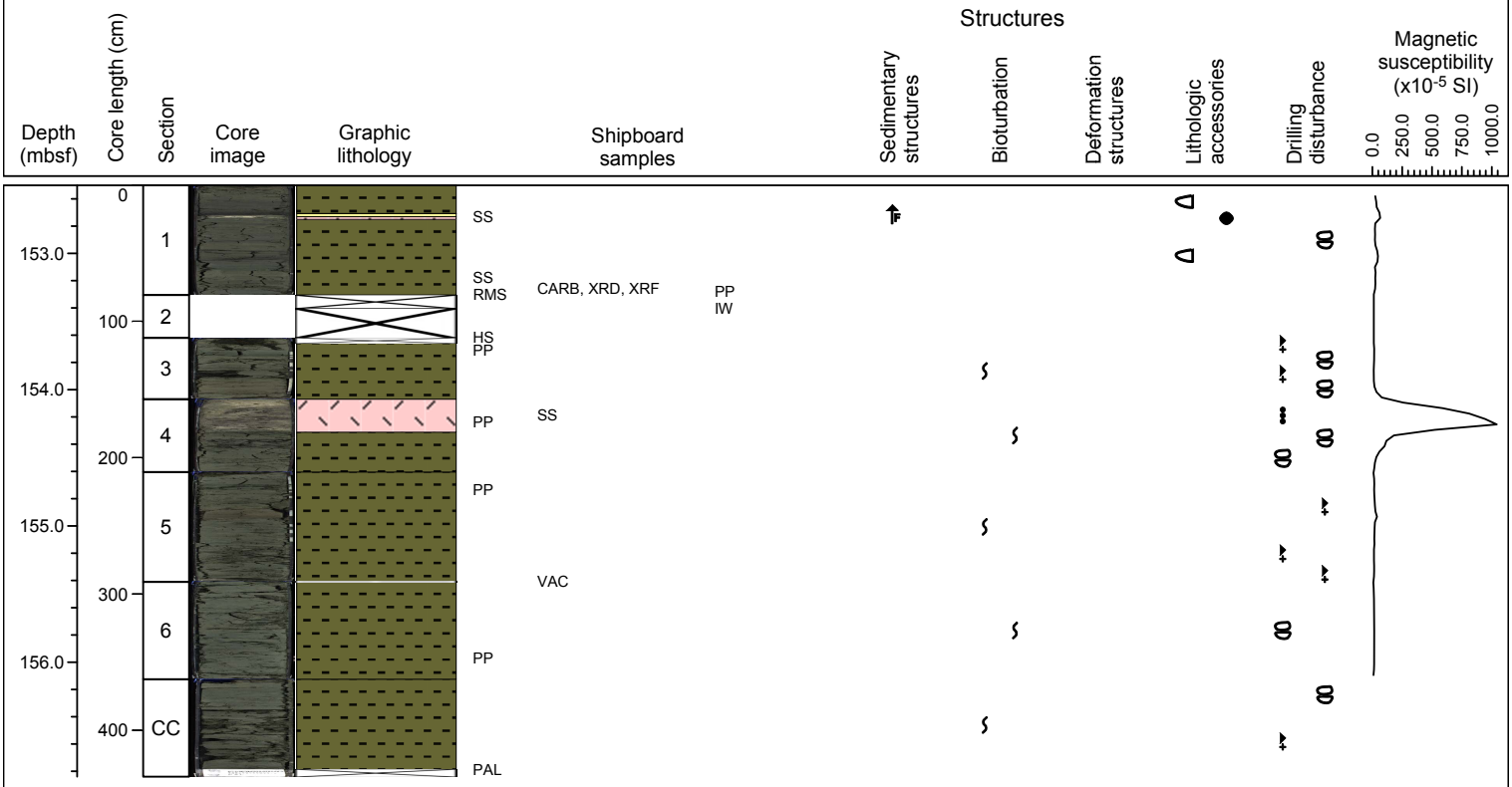
Hole C0022B Core 18X, interval 143-148.455 m (core depth below seafloor)

Dark olive gray silty clay with bioturbation. Drilling disturbance is intense. An ash layer is recognized in section 2.



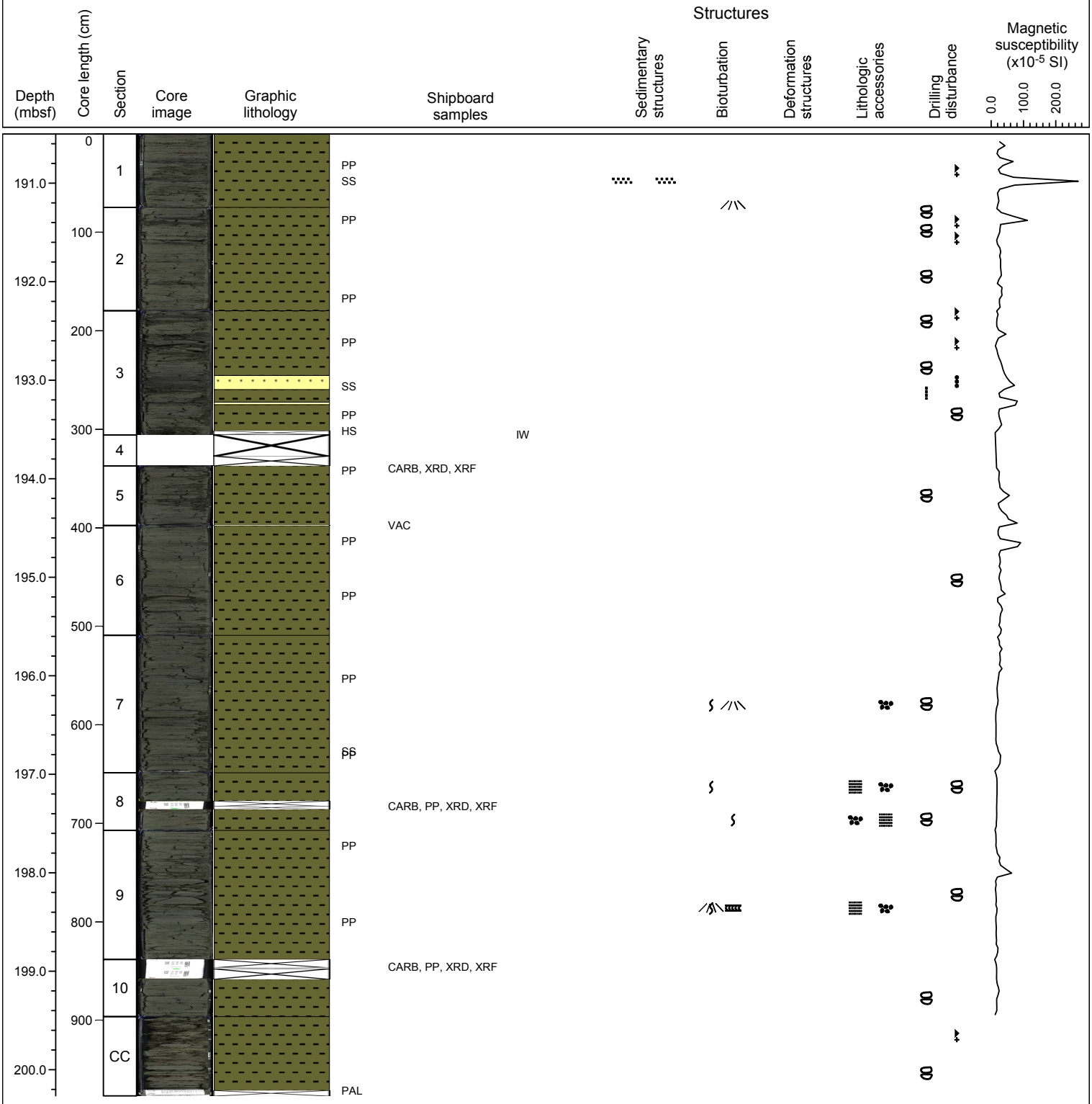
Hole C0022B Core 19X, interval 152.5-156.84 m (core depth below seafloor)

Dark olive gray slightly bioturbated (most clearly seen in CT images) silty clay.
A thick ash layer appears in section 4. Drilling disturbance, mostly in the form of biscuits, is present throughout the core.



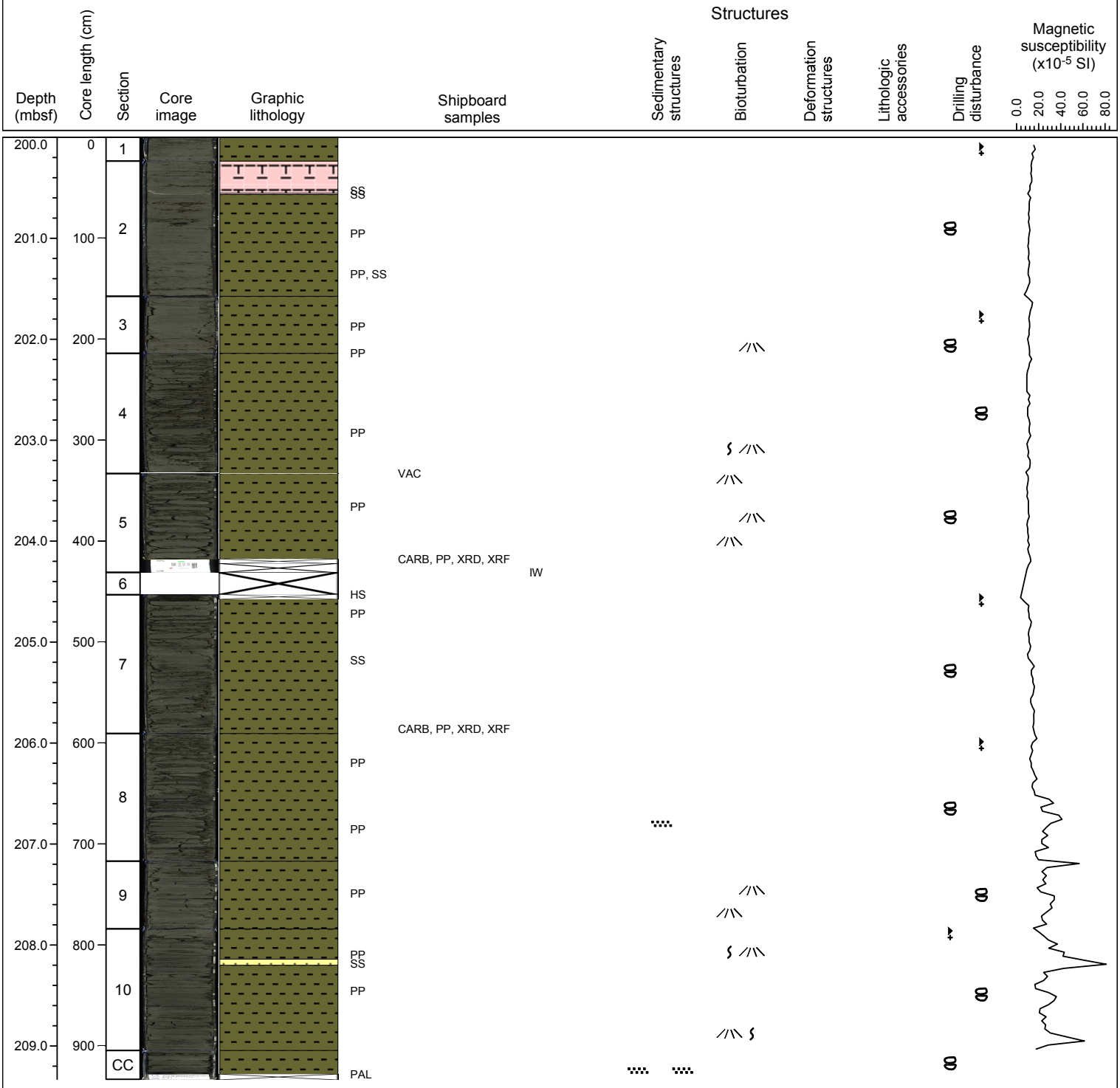
Hole C0022B Core 20X, interval 190.5-200.265 m (core depth below seafloor)

Olive gray silty clay. Drilling disturbance in the form of biscuiting is observed throughout the whole core.
The intact rock fragments in Sections 7, 8 and 9 show greenish banding and mottling, and evidence of bioturbation (the inchnotaxa Chondrites was identified).



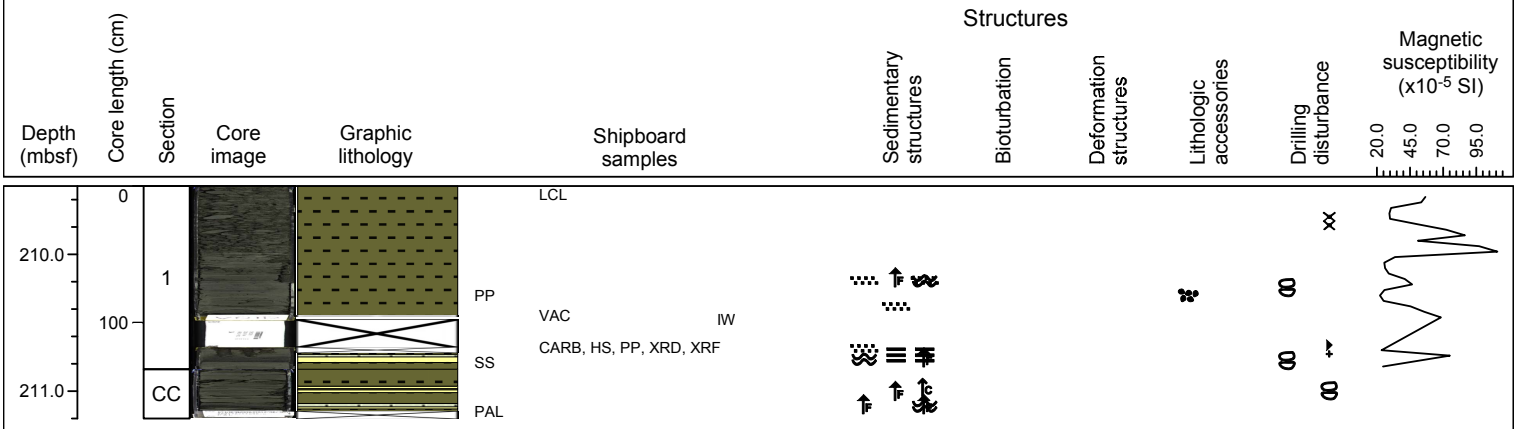
Hole C0022B Core 21X, interval 200-209.33 m (core depth below seafloor)

Olive gray silty clay, which has suffers from severe drilling disturbance (many biscuits and infiltration of drilling slurry).
On the larger biscuits some burrowing and chondrites can be observed. In section 2 there is an ash layer with a tuffaceous mud above it.



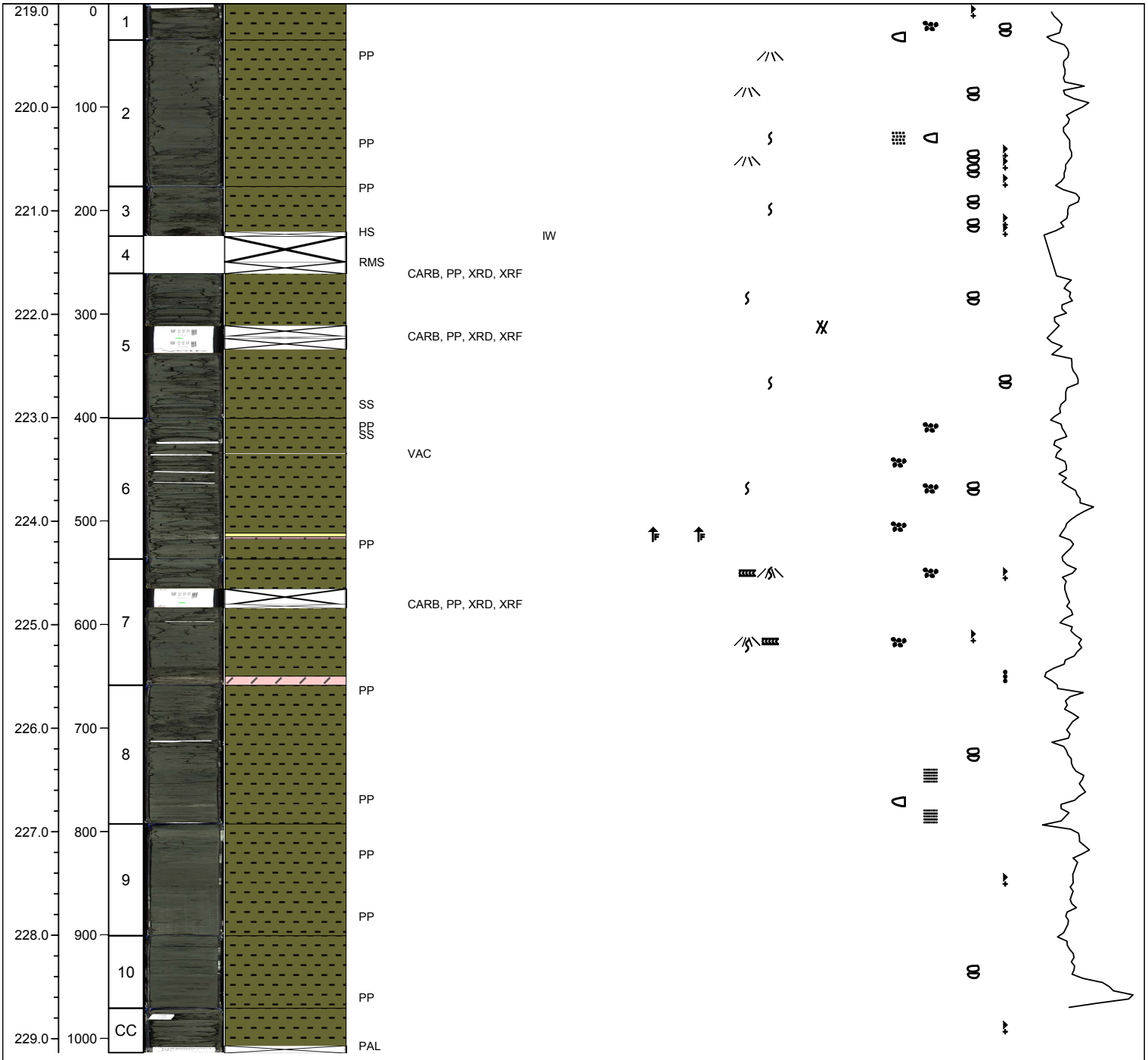
Hole C0022B Core 22X, interval 209.5-211.2 m (core depth below seafloor)

Olive gray silty clay, strongly disturbed by drilling (mostly biscuiting).
Four small fining upward sequences were observed.



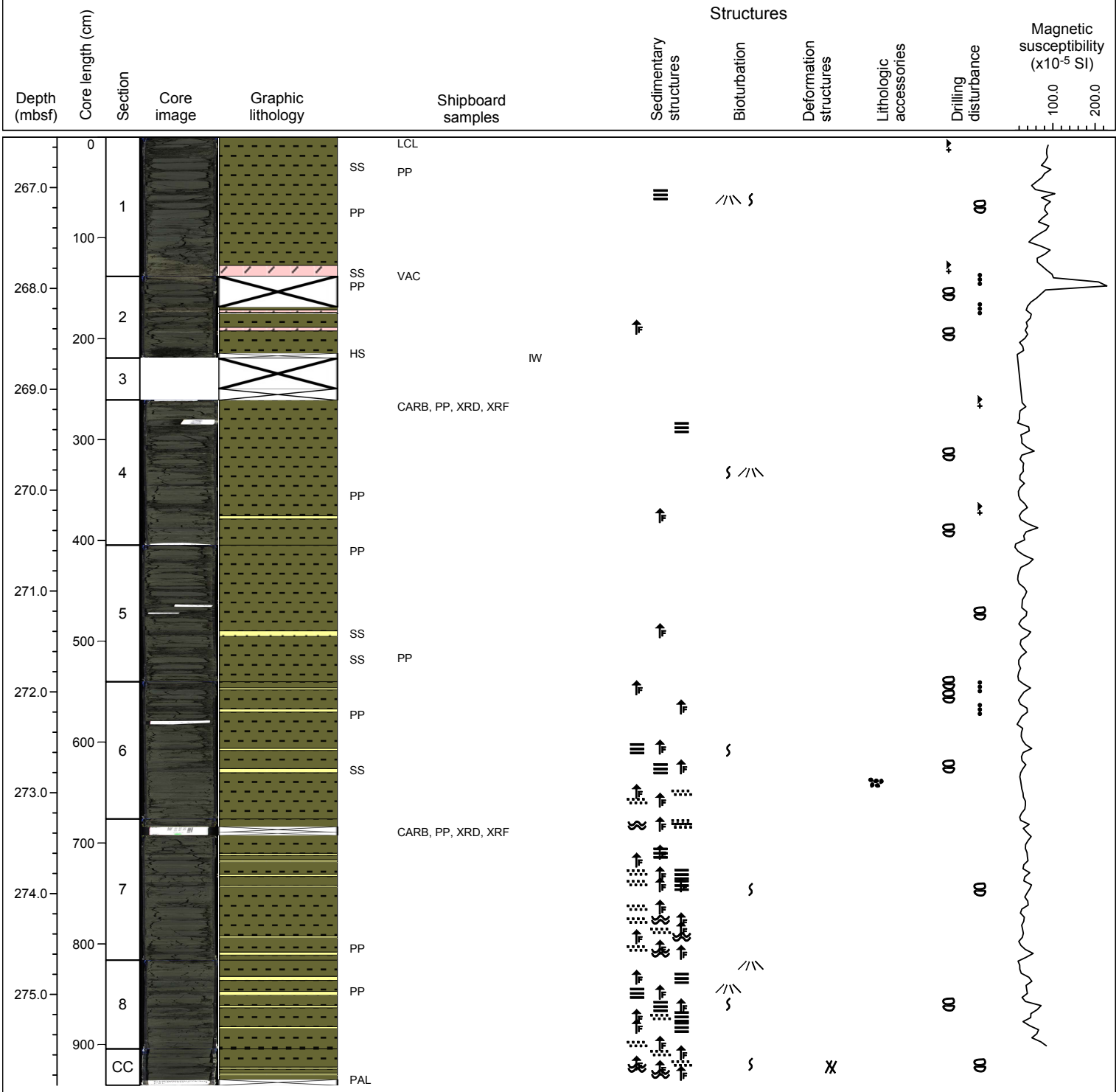
Hole C0022B Core 23X, interval 219-229.135 m (core depth below seafloor)

Olive gray silty clay. Drilling disturbance, mostly in the form of biscuiting and infiltered drilling slurry, is severe throughout the core.



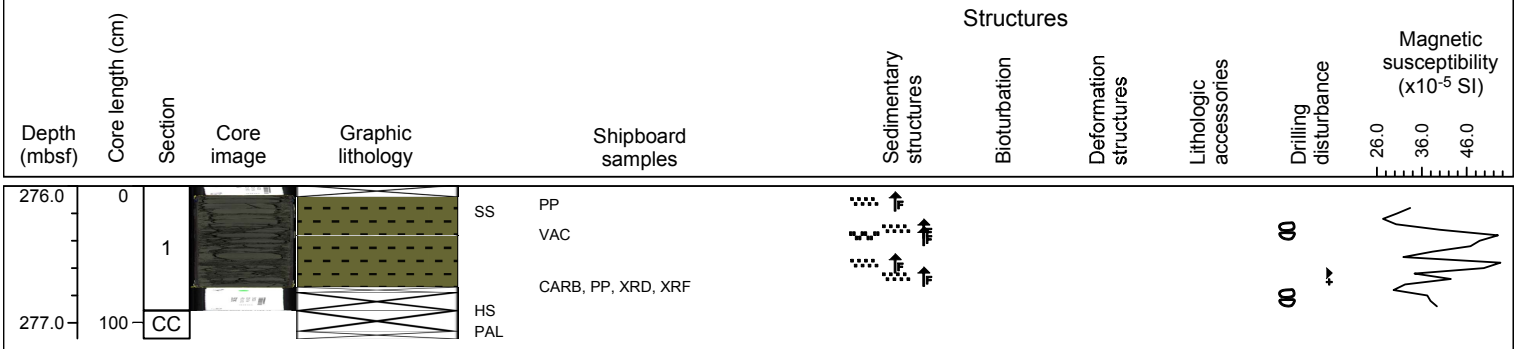
Hole C0022B Core 24X, interval 266.5-275.9 m (core depth below seafloor)

Olive gray silty clay. Still lots of drilling disturbance (mostly biscuiting). There are traces of bioturbation in the shape of burrows and chondrites.
In the bottom halve of the core are lots of thin fining upward sequences, in which the sandy base often has wavy or planar bedding.



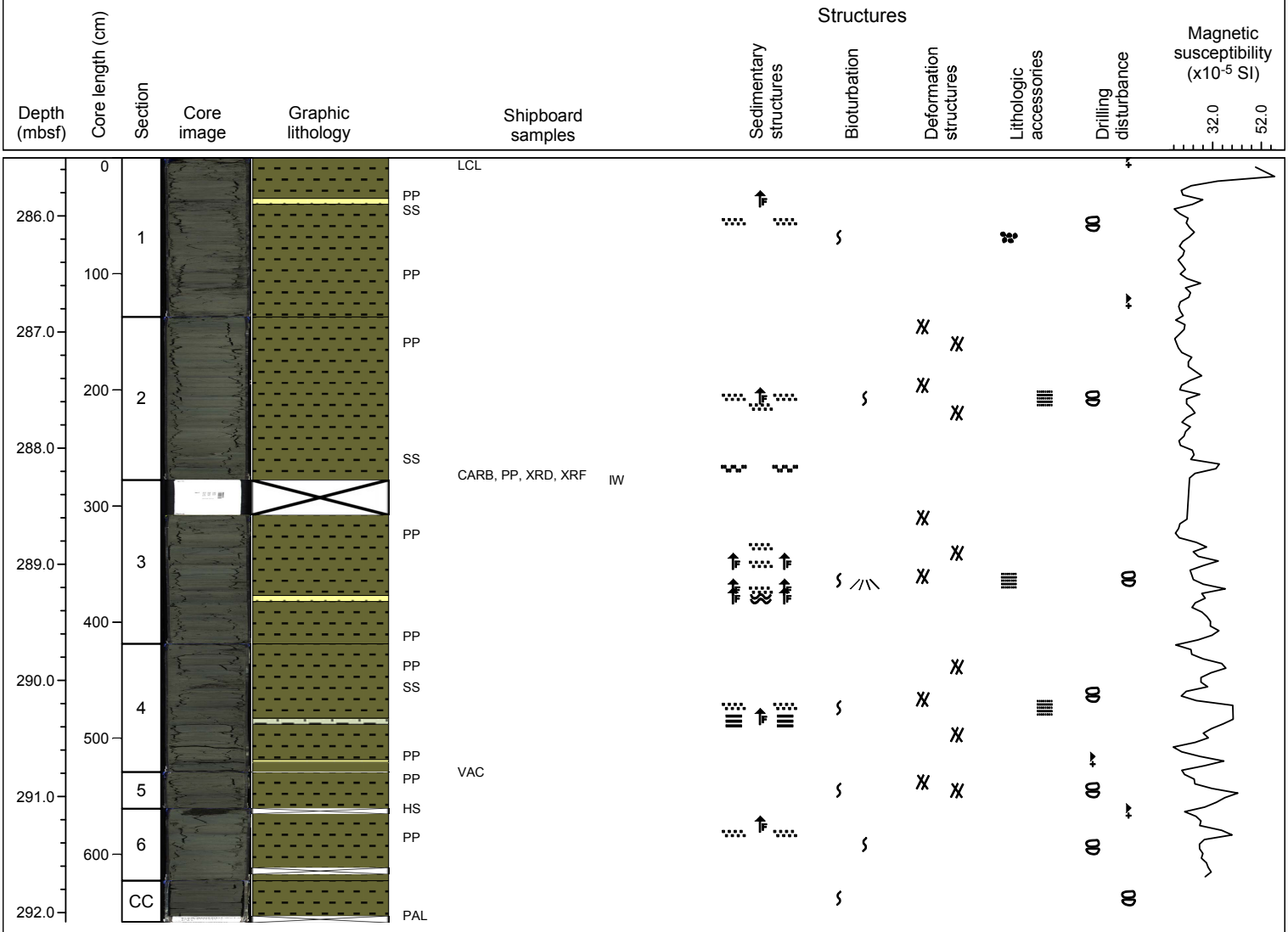
Hole C0022B Core 25X, interval 276-277.115 m (core depth below seafloor)

Dark olive gray silty clay. Heavy drilling disturbance (biscuiting).



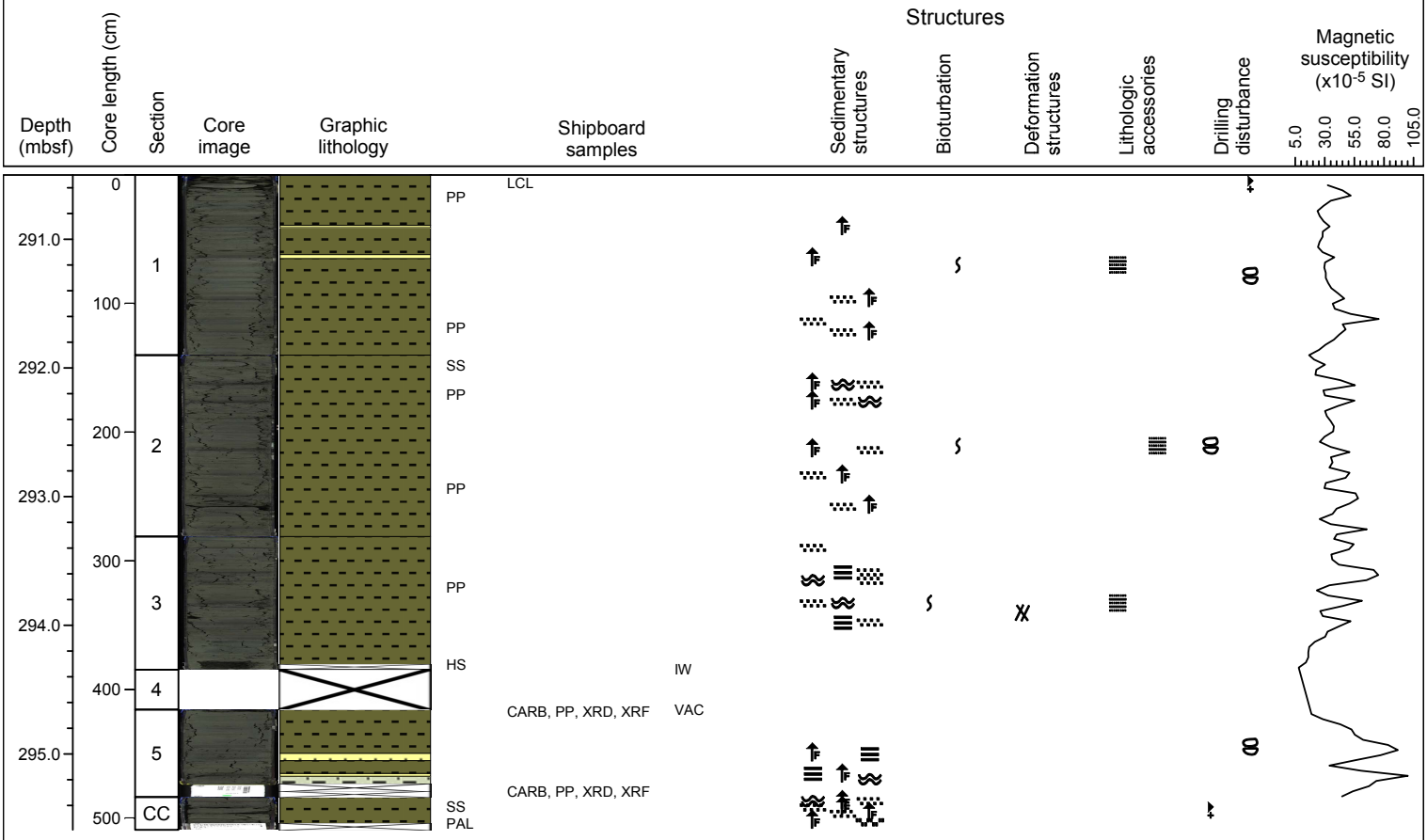
Hole C0022B Core 26X, interval 285.5-292.08 m (core depth below seafloor)

Olive gray silty clay with bioturbation. Drilling disturbance is intense, mostly in the form of biscuits.



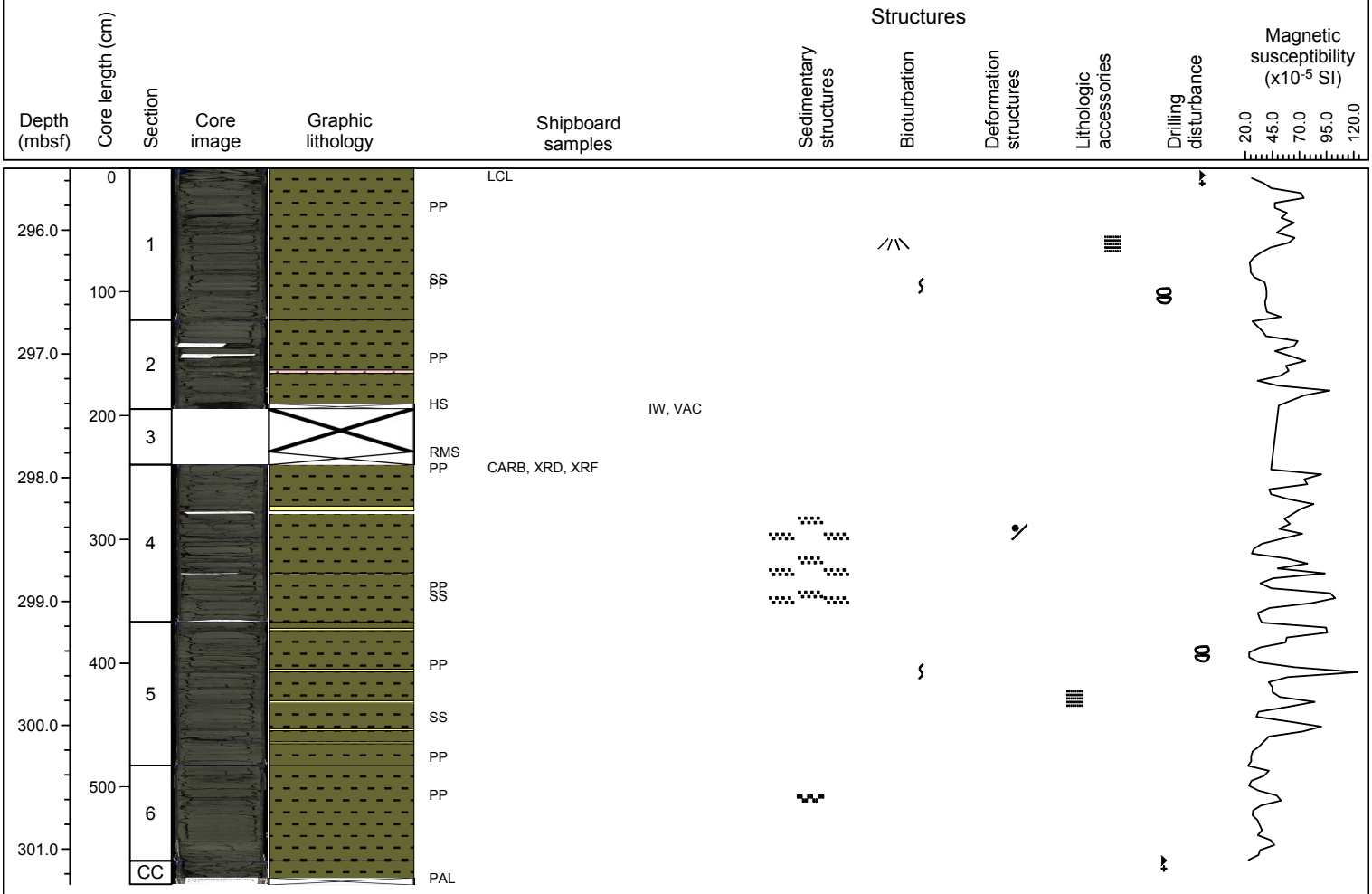
Hole C0022B Core 27X, interval 290.5-295.59 m (core depth below seafloor)

Olive gray silty clay with bioturbation and greenish banding. Many fining upward intervals were recognized.
Drilling disturbance in the form of biscuiting is intense.



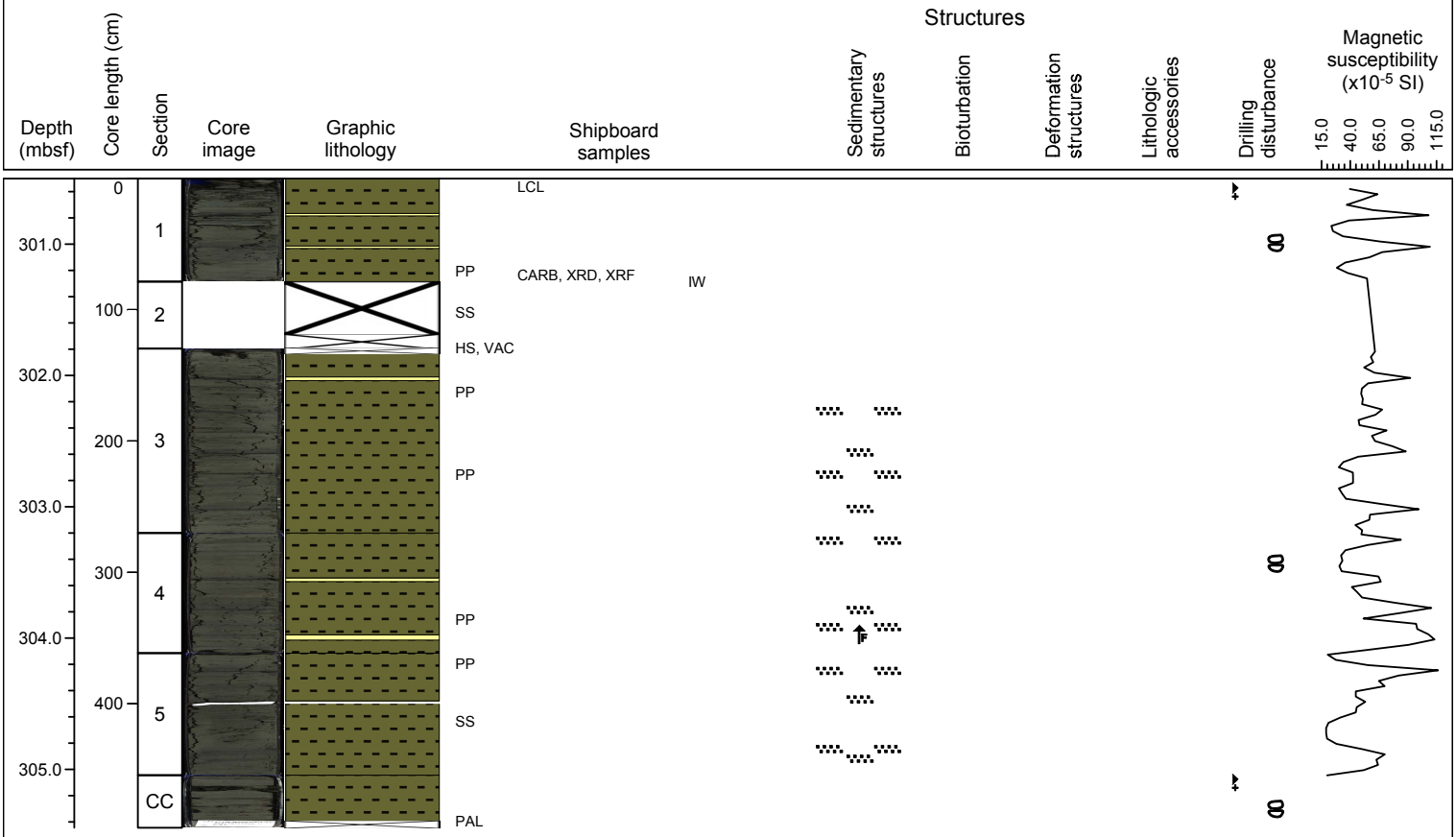
Hole C0022B Core 28X, interval 295.5-301.285 m (core depth below seafloor)

Olive gray silty clay with bioturbation. Greenish banding and discrete burrows are minor local features throughout the core.
Intense drilling disturbance in the form of biscuiting.



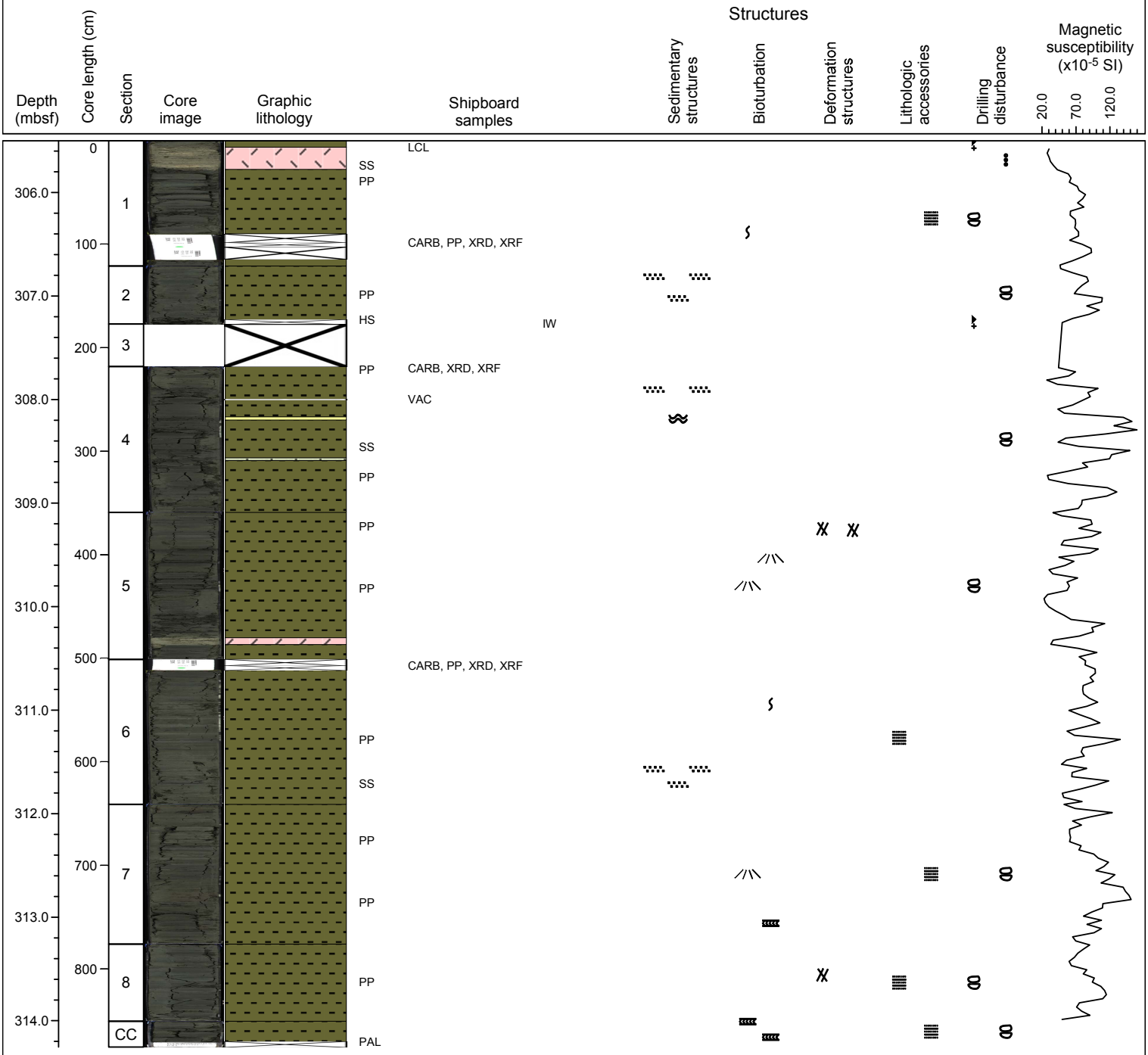
Hole C0022B Core 29X, interval 300.5-305.445 m (core depth below seafloor)

Dark olive gray silty clay. Intense drilling disturbance in the form of biscuiting.



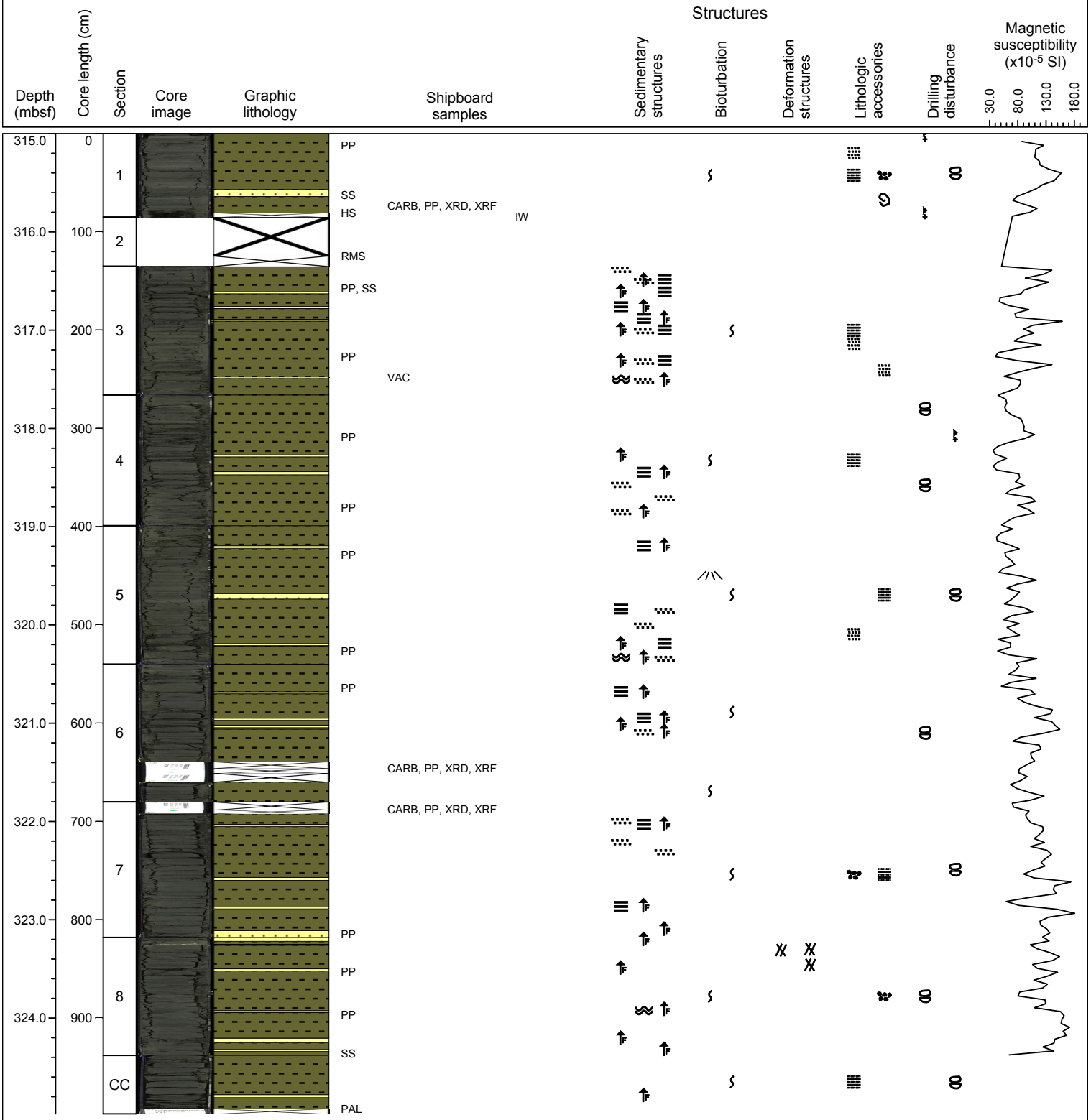
Hole C0022B Core 30X, interval 305.5-314.255 m (core depth below seafloor)

Dark olive gray silty clay with bioturbation. The ichnotaxa Chondrites and Zoophycos were recognized.
Drilling disturbance in the form of biscuiting is intense.



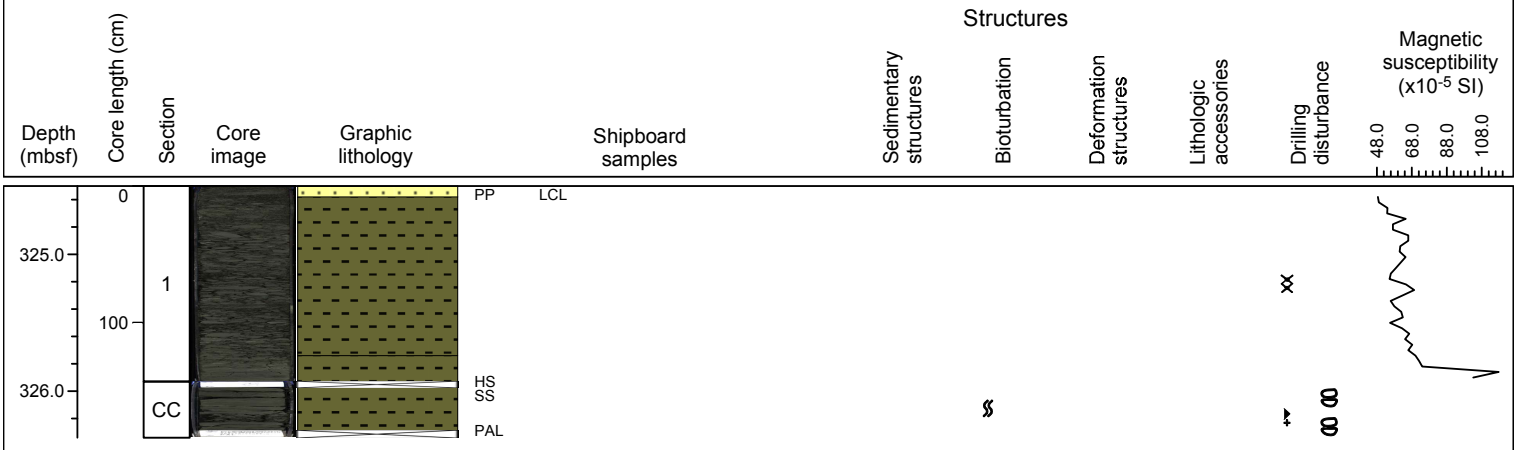
Hole C0022B Core 31X, interval 315-324.975 m (core depth below seafloor)

Olive gray silty clay with minor to medium bioturbation, sometimes Chondrites were observed.
Several small fining upward sequences are present.



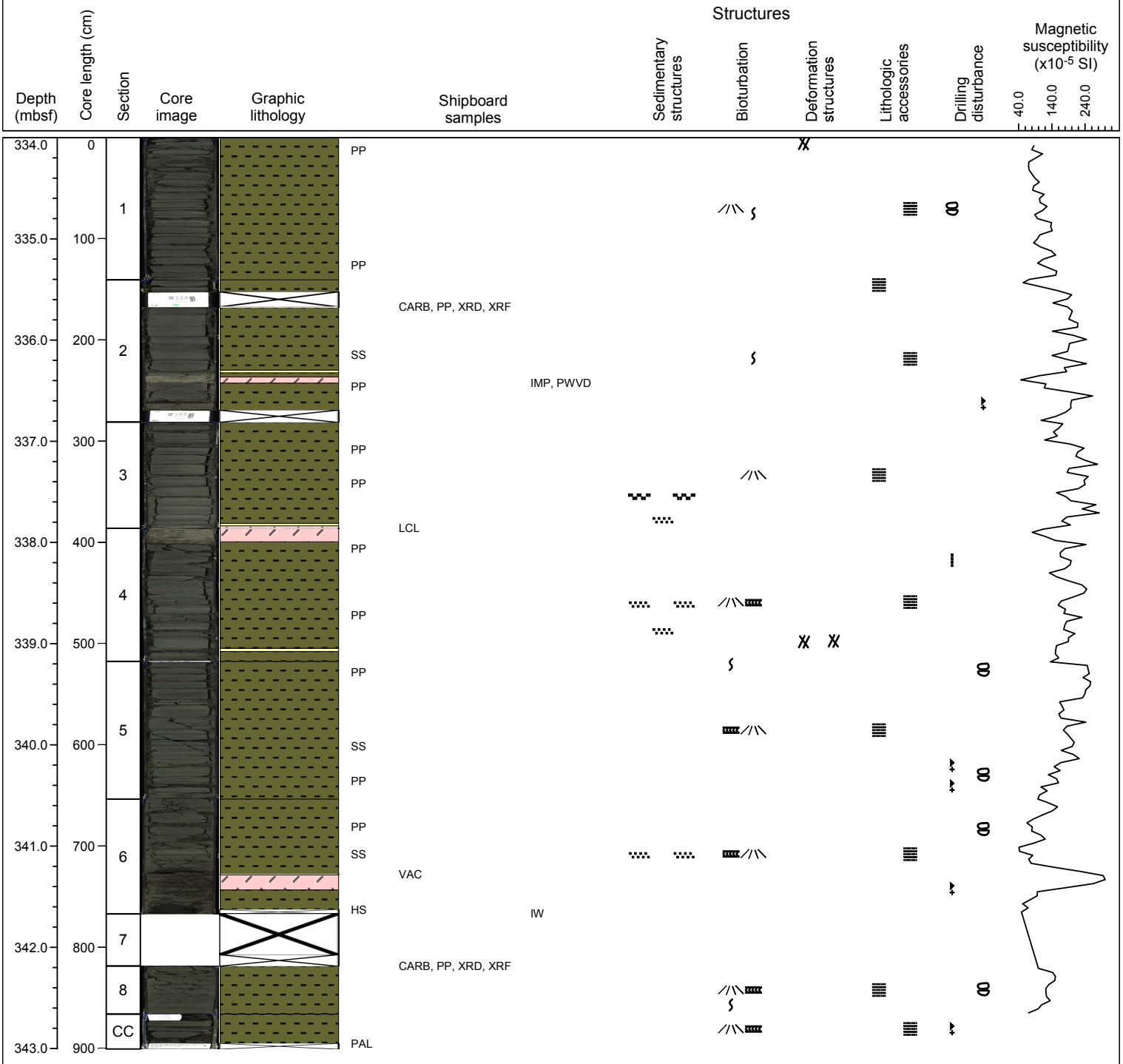
Hole C0022B Core 32X, interval 324.5-326.34 m (core depth below seafloor)

Very strong drilling disturbance, the sediment has been turned into a breccia.



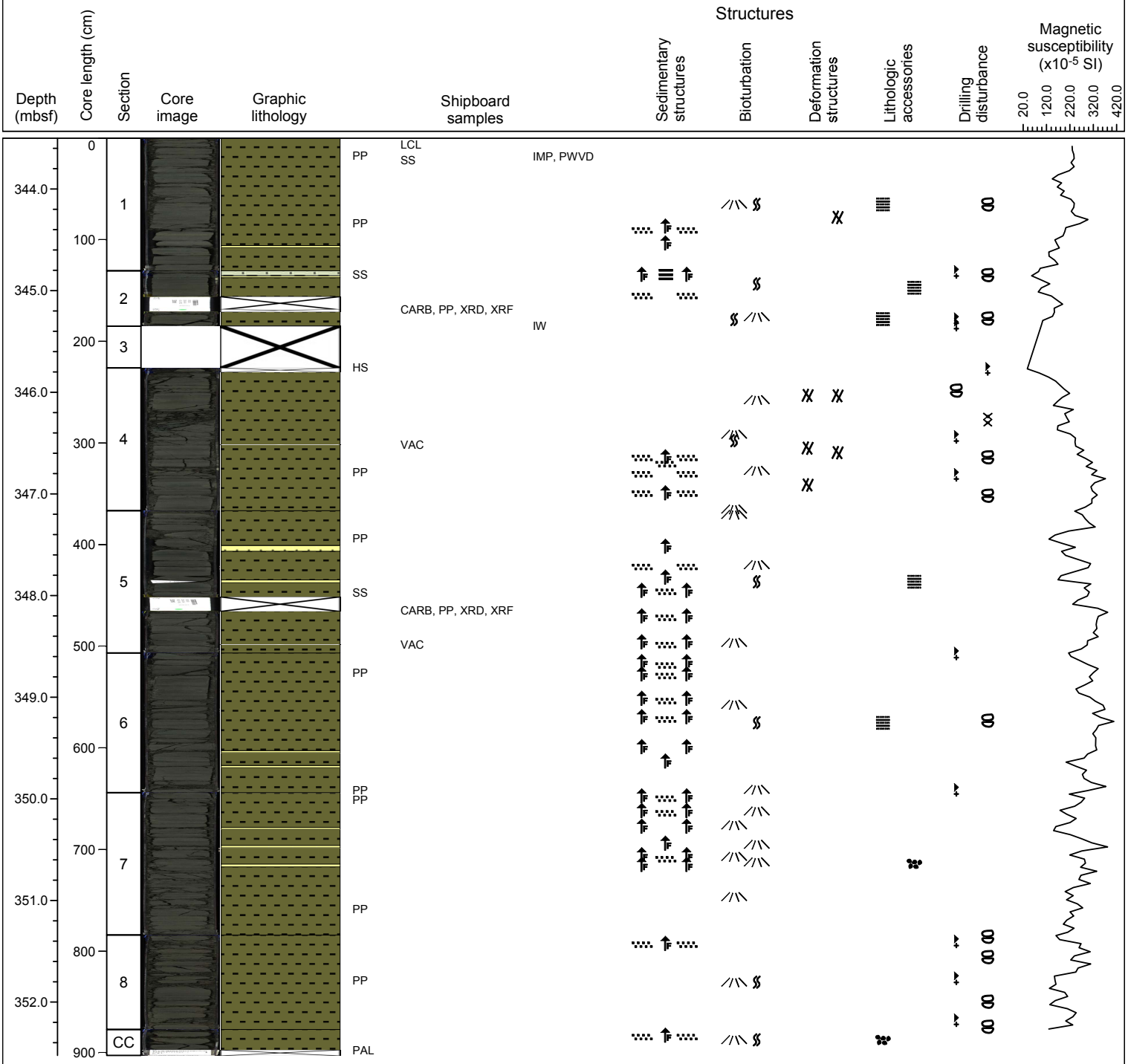
Hole C0022B Core 33X, interval 334-343.005 m (core depth below seafloor)

Dark olive gray silty clay with bioturbation. Chondrites, other discrete burrows, and greenish color bands appear scattered throughout the core.



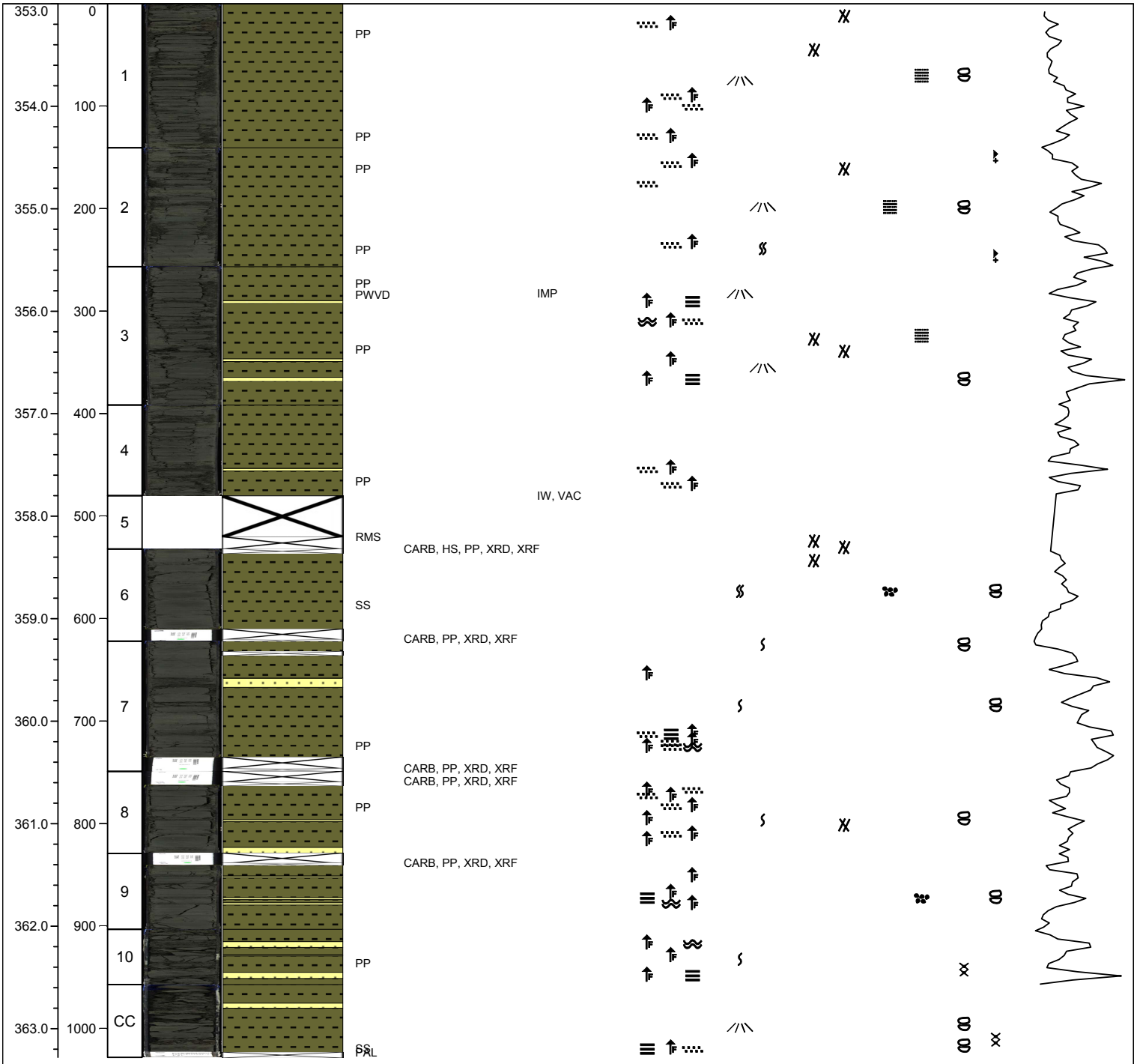
Hole C0022B Core 34X, interval 343.5-352.525 m (core depth below seafloor)

Dark greenish gray silty clay with bioturbation. Chondrites and greenish banding and mottling are scattered through the core.
Drilling disturbance is intense, mosly in the form of biscuiting.



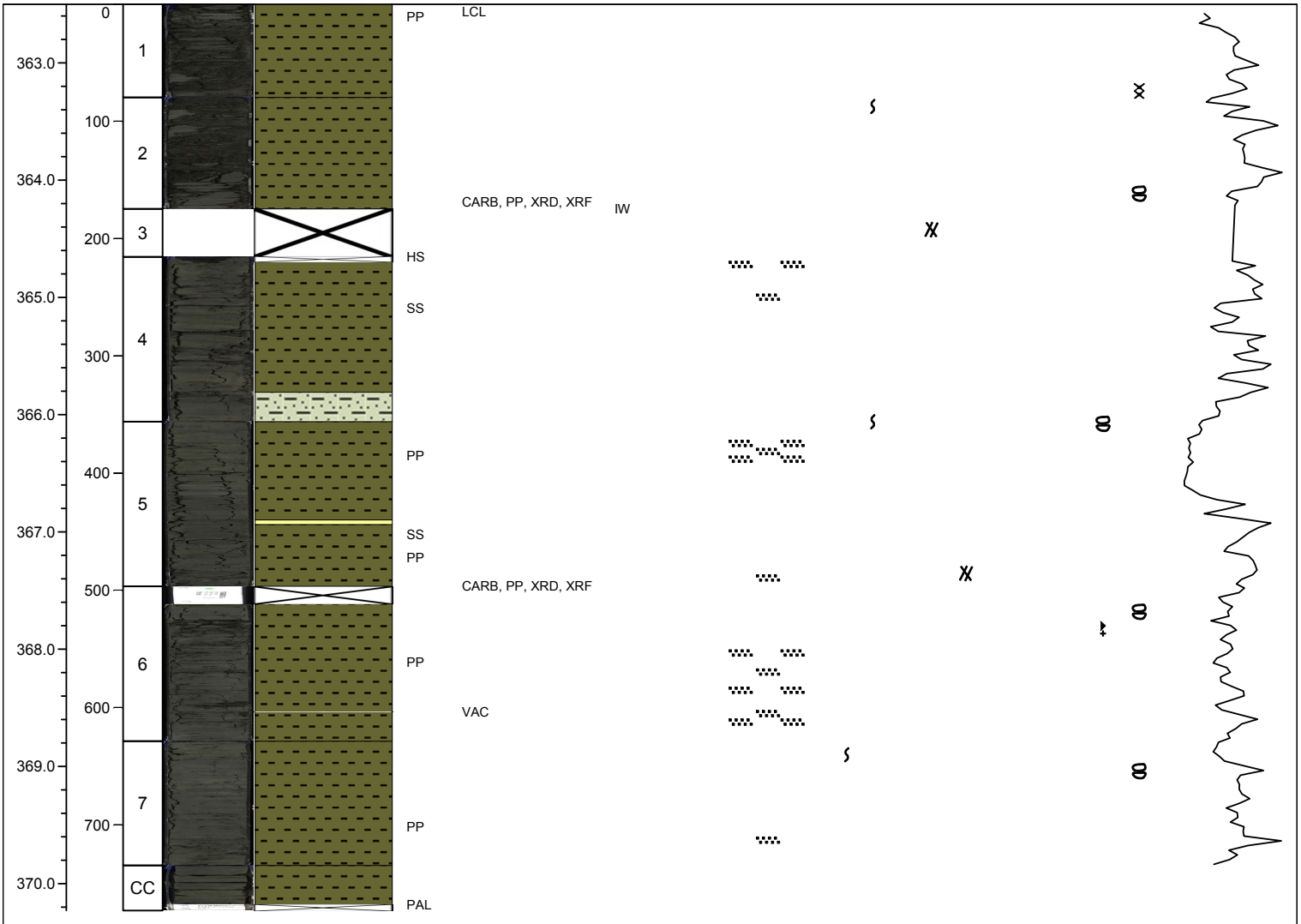
Hole C0022B Core 35X, interval 353-363.28 m (core depth below seafloor)

Dark olive gray silty clay with bioturbation. Chondrites and greenish mottling and banding appear scattered throughout the core.
Drilling disturbance is intense, mostly in the form of biscuiting.



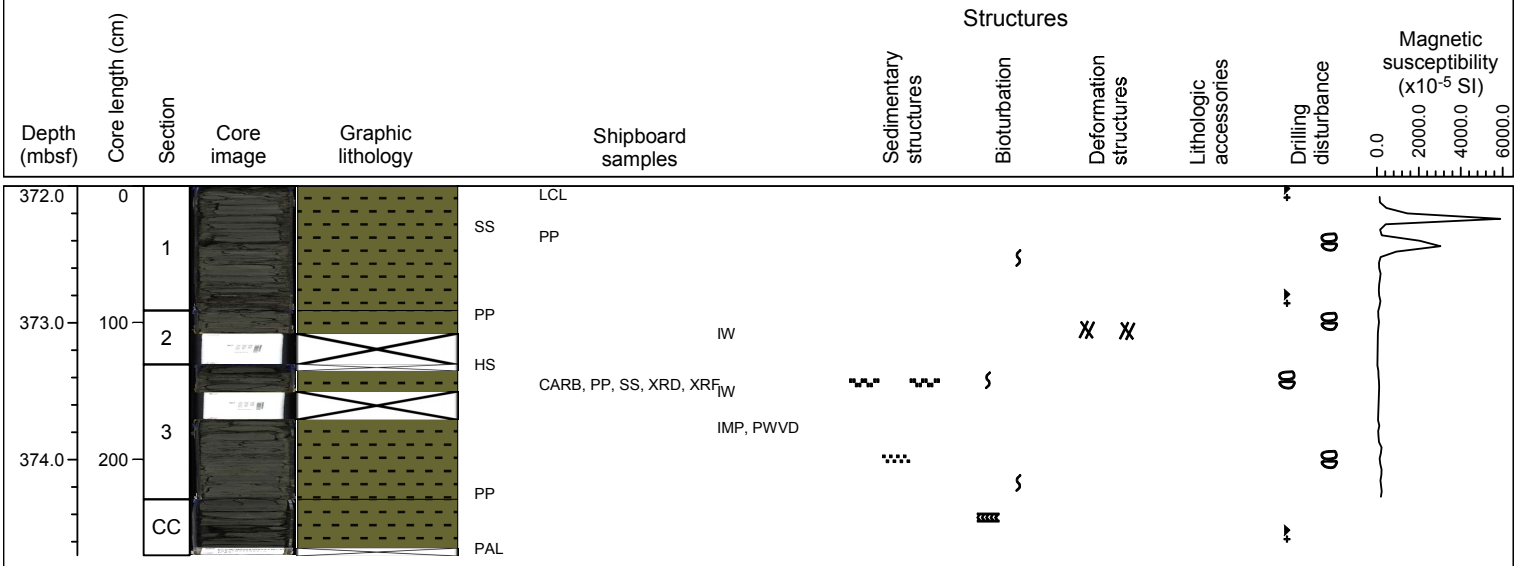
Hole C0022B Core 36X, interval 362.5-370.23 m (core depth below seafloor)

Dark olive gray silty clay. Evidence of slight bioturbation can be seen through the whole core, more clearly in the CT images.
Drilling disturbance in the form of drilling breccia and biscuits is intense.



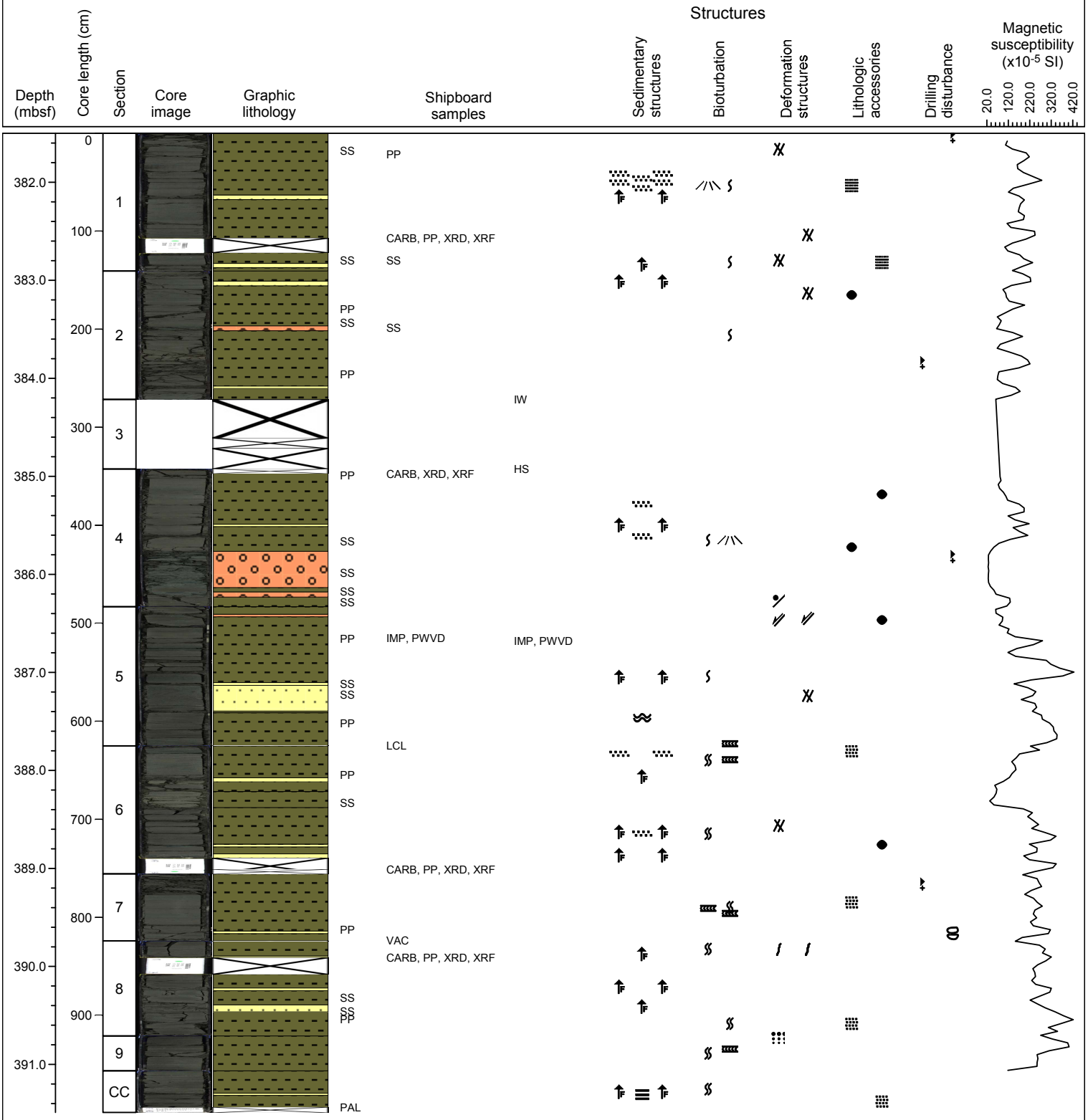
Hole C0022B Core 37X, interval 372-374.7 m (core depth below seafloor)

Dark olive gray silty clay. Drilling disturbance, moslty in the form of biscuiting, is intense.



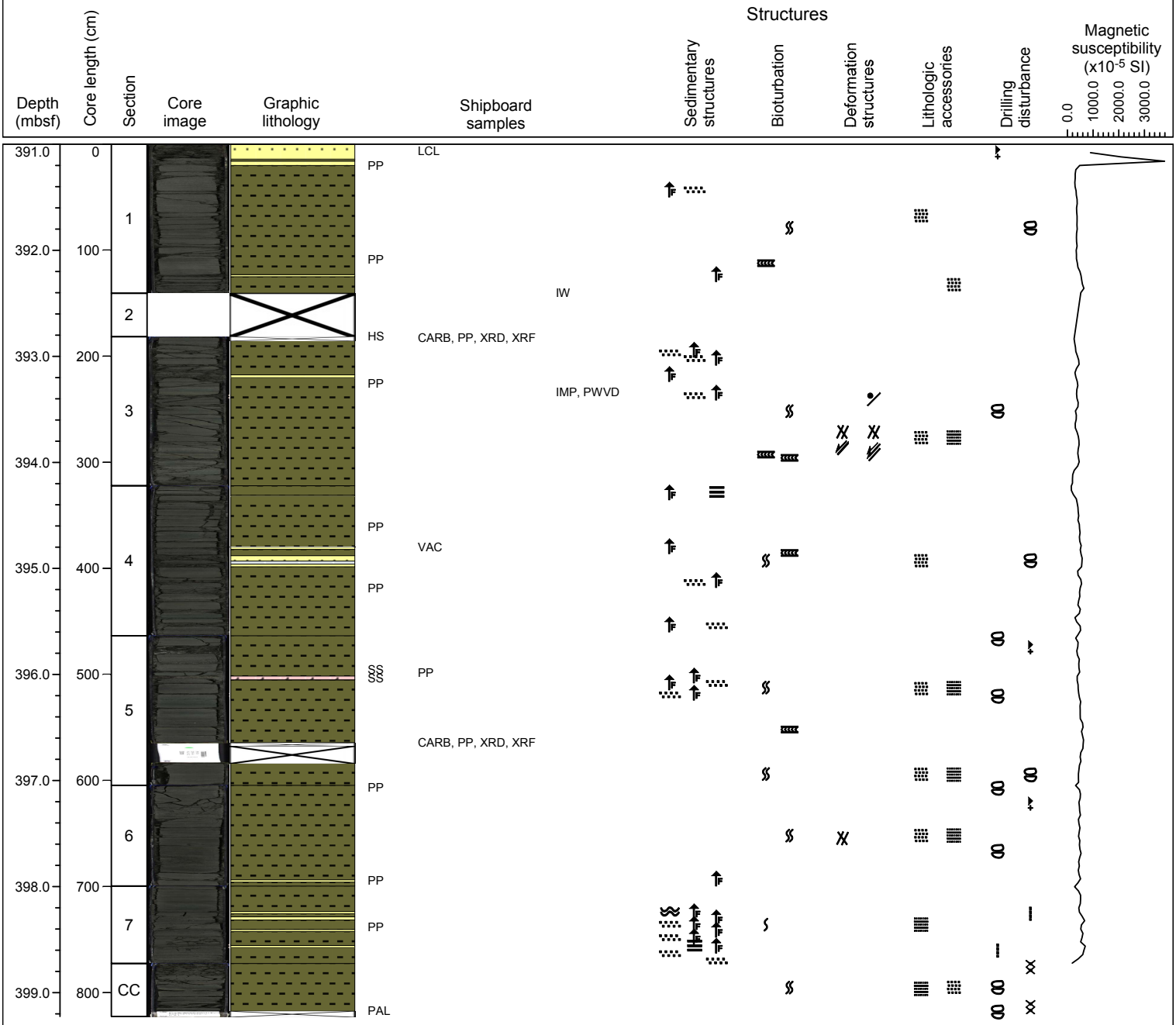
Hole C0022B Core 38X, interval 381.5-391.49 m (core depth below seafloor)

Dark olive gray silty clay with bioturbation. In this core, the first mud-clast clast-supported conglomerate appears (Sections 2, 4 and 5). Clasts are polymictic, generally rounded and many of them have burrows. The matrix is silty.



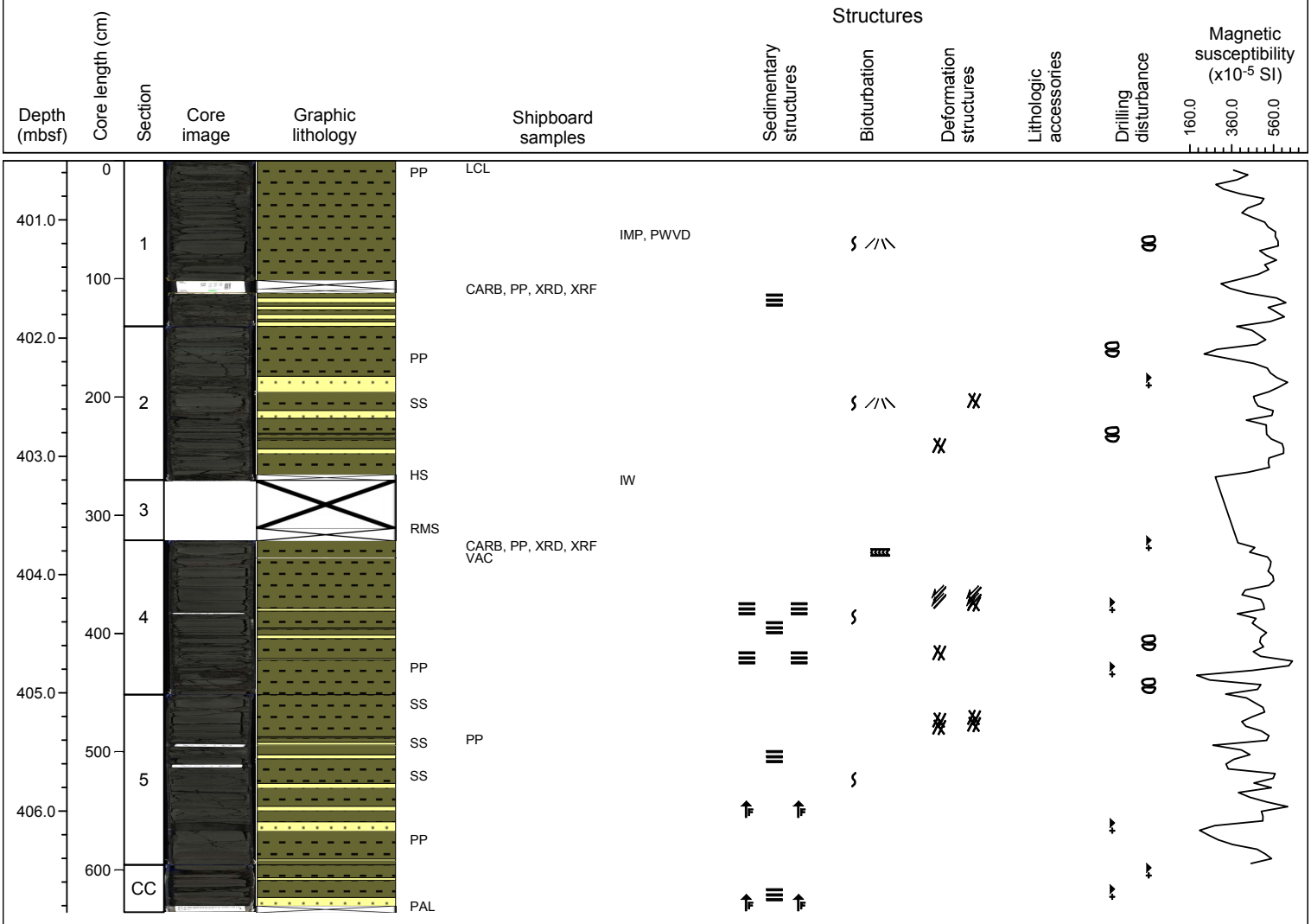
Hole C0022B Core 39X, interval 391-399.225 m (core depth below seafloor)

Olive gray silty clay with medium bioturbation (some Zoophycos) with greenish colour banding and plenty of sand scattering (mostly ash).
Several small fining upward sequences with a sand base are present.



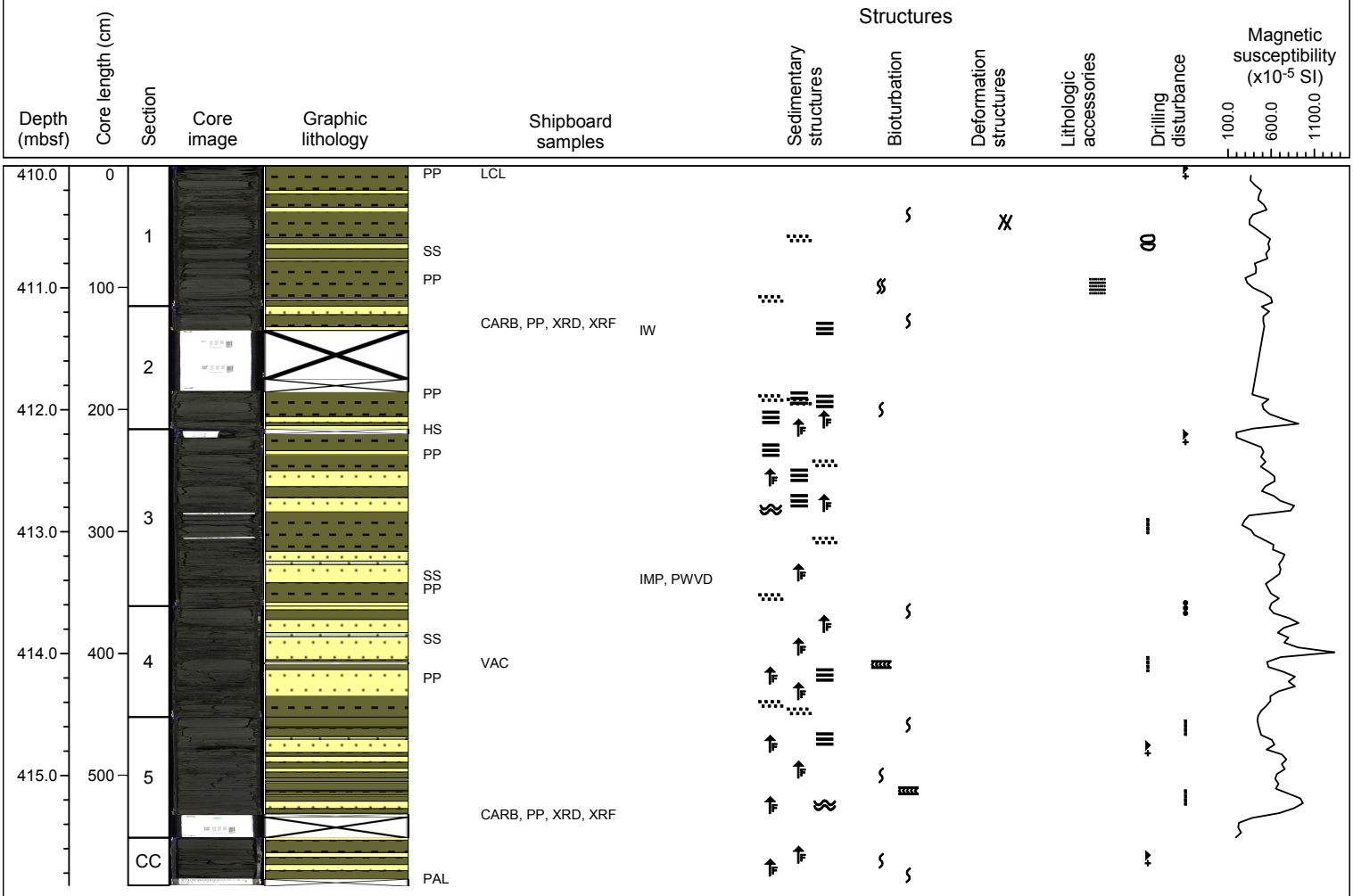
Hole C0022B Core 40X, interval 400.5-406.855 m (core depth below seafloor)

Dark olive gray silty clay with minor bioturbation (discrete burrows, Chondrites and Zoophycos).
Several sand intervals are present, although they are poorly preserved due to drilling disturbance.



Hole C0022B Core 41X, interval 410-415.9 m (core depth below seafloor)

Dark olive gray silty clay, feels very gritty. Many sand layers, some of them are part of fining upward sequences, but that is often hard to distinguish due to the drilling disturbance. Only minor bioturbation (some Zoophycos).



Smear slides Hole C0022B (core)

				Texture (%)			Siliciclastic Grain								Lithic Grains or Ash					Pelagic Grains							Authigenic				Comments
Hole-Core-Section	Int. (cm)	Depth (CSF-A)	Lithology	Sand	Silt	Clay	Quartz	Feldspar	Mica Group	Opaque Min.	Glauconite	Clay Min.	Organic matter (detrital)	Heavy Min.	Sed. Lithic	Ign. Lithic	Meta. Lithic	Volcanic Lithic	Vol. Glass	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge spicules	Bioclast fragment	Clay Mins.	Zeolite	Pyrite (authigenic)	Other	[Legend] Ap: Apatite, Bt: Biotite, Chl: Chlorite, Cpx: Clinopyroxene, Cum: Cumingtonite, Fel: Feldspar, Hbl: Hornblende, OM: Organic mattter, Opx: Orthopyroxene, Pyr: Pyrite, Zr: Zircon
C0022B-1H-1	5	0.05	silty clay	2	38	60	A	A				A								A	F	C	F	F	C	F					
C0022B-1H-3	110	2.65	silty clay	10	40	50	A	A				A							F	C	C	C	F	F	C	C					
C0022B-1H-4	10	3.06	sandy silty clay	20	30	50	C	C				A							F	A	C	C	C	F	C	C					microlitic glass present
C0022B-1H-6	50	6.28	silty clay	5	25	70	C	C				A							C	A	F	C	F	F	C	C					traces of brown microlitic glass
C0022B-1H-CC	5	6.76	silty clay	10	30	40	A	A				A							C	C	A	C	F	F	C	C					
C0022B-2H-1	40	19.90	silty clay	1	39	60	A	A				A							F	A	C	C	F	F	C	C					traces of brown microlitic glass
C0022B-2H-3	40	21.10	silty clay	5	25	70	A	A				A					C			C	C	C	F	F	C	C					
C0022B-2H-3	42	21.12	silty clay	0	25	75	A	A				D							C	C	F	F			F						sample taken from a greenish mottle
C0022B-2H-6	100	25.68	silty clay	0	25	75	A	A				D							F	C	F	F			F	C					
C0022B-2H-7	130	27.33	fine ash	5	95	0	F	F											D												sample taken from cm scale ash blob; ash is clear
C0022B-3H-1	22	29.22	silty clay	3	27	70	C	C				D								A	C	C	F	F	F	C					
C0022B-3H-4	121	33.04	fine sand	100	0	0	A	A		A				F			C		C		C										Some vitric grains have crystals. Opaque grains are thick or have pyrite.
C0022B-4H-1	20	38.70	silty clay	1	24	75	A	A				D							F	C	F				F	F					
C0022B-4H-4	93	41.96	silty clay	0	25	75	A	A				D							F	C									F		pyr = framboids. Dark green patch. Undisaggregated fragments are distinctively green in plane polarized light (glauconized?)
C0022B-5H-6	100	54.51	silty clay	0	30	70	A	A				D							F	C		C	F	F	C						
C0022B-5H-8	100	57.12	fine ash	10	90	0						D																			clear, unaltered glass
C0022B-5H-9	12	57.55	silty clay	0	40	60	A	A				D					C		C	C											this sample and the one immediately below are in sharp contact: dark over light coloration
C0022B-5H-9	15	57.58	silty clay	0	25	75	A	A				D							C	C		F			F						lighter lithology. See previous slide. More pelagic component? Less silt
C0022B-6H-3	50	59.27	silty clay	0	25	75	A	A				D							C	C		F			F				F		
C0022B-6H-7	130	65.69	silty clay	0	25	75	A	A				D							C	C		F		F							
C0022B-7H-2	4	67.29	silty clay	0	40	60	A	A				D							C										F		
C0022B-7H-2	89	68.14	silt	0	100	0	A	A									A		F						F				A		highly pyritized. Dark and sandy blob. Burrow fill?
C0022B-7H-6	58	73.47	sandy silt	25	75	5	A	A				C					A			C	F								A		highly pyritized
C0022B-7H-8	55	74.72	silty clay	0	25	75	A	A				D							F	C					F						
C0022B-8H-1	56	77.06	silty clay	1	24	75	A	A				D							F	C					F						
C0022B-8H-2	3	77.41	volcaniclastic silty sand	55	45	0	C	C		C				F			C		A		F		F								yellowish mud - minor lithology
C0022B-8H-5	25	80.02	silty clay	0	30	70	A	A				D							F	C	F	F	F		F						
C0022B-8H-5	33	80.10	sandy silt	20	75	5	A	A		C		C		F	C		C			C									C		
C0022B-8H-8	34	84.40	silty clay	1	29	70	A	A				D							F	C	F	F	F		F						upper part of fining upward sequence (3 smear slides)
C0022B-8H-8	40	84.46	silty sand	65	30	5	A	A				C	F		C		A		C	C											middle part of fining upward sequence
C0022B-8H-8	45	84.51	very fine sand	90	10	0	A	A		A					C		A														lower part of fining upward sequence. Highly pyritized
C0022B-9T-4	40	86.84	silty clay	0	30	70	A	A				D							C	C		F	F		F	C					
C0022B-9T-4	95	87.39	pumice fragment	N/A	N/A	N/A													D												crushed
C0022B-9T-CC	10	89.72	clayey silt	10	45	45	A	A				A					C												C		did not disaggregate well
C0022B-10T-3	30	90.85	silty clay	0	30	70	A	A				D							C	C		C	F	F	F						
C0022B-10T-4	105	93.01	silty sand	80	19	1	A	A			F	F		F	C		A		C	F	F								F		
C0022B-10T-5	10	93.46	silty sand	60	40	0	A	A		C				F	C		A		C						F						
C0022B-10T-5	80	94.16	silty clay	2	28	70	A	A				D							C	F											
C0022B-10T-5	116	94.52	silty clay	3	37	60	A	A				D							A	C						C					
C0022B-10T-CC	12	94.84	silty very fine sand	60	40	0	A	A						F	C		A		C						F						nice cherts and low rank metamorphic grains
C0022B-10T-CC	18	94.90	silty clay	0	30	70	A	A				D							F						F						
C0022B-11T-CC	14	95.50	sandy clayey silt	20	50	30	A	A		C		A	F				C		C	C					F				F		
C0022B-11T-CC	16	95.52	silty clay	0	35	65	A	A				D							C	C					F	C					
C0022B-12X-5	50	104.66	silty clay	0	25	75	A	A				D							F	C					F						
C0022B-13X-1	70	105.20	silty clay	0	25	75	A	A				D							C	C		F	F		F	C					
C0022B-13X-6	47	110.94	silty clay	5	30	65	A	A				D					C			C						C					
C0022B-13X-CC	6	111.45	silty clay	0	35	65	A	A				D							F	C		F			F	C					
C0022B-14X-1	104	110.54	sand	100	0	0	A	A		C					C		A				F								C		
C0022B-14X-5	102	115.94	silty clay	3	27	70	A	A				D	F						F	C	C	F			F						
C0022B-15X-2	51	116.41	silty clay	0	30	70	A	A				D							F	C		F			F	F					
C0022B-15X-4	59	119.38	silty clay	0	30	70	A	A				D							C	C		F			F	F					

Smear slides Hole C0022B (core continued)

Hole-Core-Section	Int. (cm)	Depth (CSF-A)	Lithology	Texture (%)			Siliciclastic Grain								Lithic Grains or Ash					Pelagic Grains							Authigenic				Comments
				Sand	Silt	Clay	Quartz	Feldspar	Mica Group	Opaque Min.	Glauconite	Clay Min.	Organic matter (detrital)	Heavy Min.	Sed. Lithic	Ign. Lithic	Meta. Lithic	Volcanic Lithic	Vol. Glass	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge spicules	Bioclast fragment	Clay Mins.	Zeolite	Pyrite (authigenic)	Other	[Legend] Ap: Apatite, Bt: Biotite, Chl: Chlorite, Cpx: Clinopyroxene, Cum: Cumingtonite, Fel: Feldspar, Hbl: Hornblende, OM: Organic mattter, Opx: Orthopyroxene, Pyr: Pyrite, Zr: Zircon
C0022B-15X-5	50	120.70	silty clay	0	25	75	A	A				D								C		F			F				C		from a dark blob. Burrow filling?
C0022B-16X-2	13	125.51	silty clay	0	30	70	A	A				D							F	C		F			F						
C0022B-16X-5	25	127.97	fine ash	15	85	0	C	C											D												
C0022B-17X-6	35	139.60	silty clay	0	30	70	A	A				D							C	C		F	F	F	F	C					
C0022B-17X-6	72	139.97	silty very fine sand	70	30	0	A	A							F		A												A		pyritized
C0022B-17X-7	49	140.84	fine ash	3	97	0	F	F											D												
C0022B-18X-3	35	145.14	clayey sandy silt	30	50	20	A	A				A					C			F											
C0022B-18X-3	56	145.35	silty clay	0	35	65	A	A				D								C	F		F		F	F					
C0022B-19X-1	23	152.73	fine ash	3	97	0																									clear glass with no evidence of alteration
C0022B-19X-1	68	153.18	silty clay	0	30	70	A	A				D								C		F	F		F						
C0022B-19X-4	12	154.19	fine ash	20	80	0	C	C											D												
C0022B-20X-1	48	190.98	sand	100	0	0	A	A									A												A		pyr as grain coating cement. Sample from a granule-size black fragment (angular), possibly drilling induced fracturing.
C0022B-20X-3	77	193.07	silty sand	60	40	0	A	A		F				F	C		A		F												
C0022B-20X-7	118	196.77	silty clay	0	35	65	A	A				D	F							C		F	F		F	F					
C0022B-21X-2	30	200.54	tuffaceous clayey silt	1	44	55	C	C				A				F			A	C	F	F									mud in first 3 sections of core 21X is distinctively lighter in color
C0022B-21X-2	33	200.57	fine ash	2	98	0													D												
C0022B-21X-2	112	201.36	silty clay	0	25	75	A	A				D	F						F	C		C	F	F	F	F					
C0022B-21X-7	65	205.18	silty clay	0	25	75	A	A				D							C	C		C	F	F	F	F					
C0022B-21X-10	35	208.19	silty sand	50	45	5	A	A									C		C	C	D				F				F		
C0022B-22X-1	129	210.79	silty sand	80	15	5	A	A		C					C		A												C		
C0022B-23X-5	127	222.88	silty clay	0	30	70	A	A				D							C	C						C					
C0022B-23X-6	16	223.17	fine ash	15	85	0	C	C						F					D												
C0022B-24X-1	30	266.80	silty clay	0	25	75	A	A				D	F							F					F	F					
C0022B-24X-1	135	267.85	coarse ash	70	25	5	C	C				C							D	F											soupy. Drilling mixed?
C0022B-24X-5	88	271.43	silty sand	80	20	0	A	A		A					C		A		C												
C0022B-24X-5	114	271.69	clay	0	15	85	C	C				D								C						F					
C0022B-24X-6	88	272.78	sandy silt	30	55	15	A	A				A					C			F	A										
C0022B-25X-1	19	276.19	silty clay	0	20	80	A	A				D							F	F											
C0022B-26X-1	45	285.95	silty clay	0	25	75	A	A				D	F							C											
C0022B-26X-2	122	288.09	fine ash	0	90	10						C							D	C						C					
C0022B-26X-4	38	290.06	fine ash	5	95	0	F	F											D												
C0022B-27X-2	8	291.98	silty clay	0	25	75	C	C				D							C	C						C					
C0022B-27X-CC	8	295.42	silt	5	90	5	A	A				C			C		A		C		C										
C0022B-28X-1	90	296.40	silty clay	1	29	70	A	A				D							C							F					
C0022B-28X-4	106	298.96	sandy silt	30	70	0	A	A		A				F	F		A				F									C		
C0022B-28X-5	77	299.94	silty clay	0	25	75	A	A				D							C												
C0022B-29X-2	24	301.53	silty sand	80	20	0	A	A						F	C		A		C													brown glass (some microlitic) = F
C0022B-29X-5	52	304.64	silty clay	0	35	65	A	A				D							C	F					F	F					
C0022B-30X-1	24	305.74	fine ash	0	100	0	F	F											D												
C0022B-30X-4	78	308.46	silty clay	0	40	60	A	A				D								C						F					
C0022B-30X-6	120	311.71	sandy silt	20	70	10	A	A				C			C		A	C	C	F									C		
C0022B-31X-1	63	315.63	silty clay	0	35	65	A	A				D							F	F	C				F						
C0022B-31X-3	23	316.58	silty clay	0	25	75	A	A				D							C	C						F					
C0022B-31X-8	118	324.36	silty clay	2	33	65	A	A				D					C		C							F					
C0022B-32X-CC	10	324.48	silty clay	5	25	70	A	A				D							C		F					F					
C0022B-33X-2	74	336.15	silty clay	0	25	75	A	A				D							C		F					F					did not disaggregate well
C0022B-33X-5	84	340.02	silty clay	5	40	55	A	A				D					C		C							C					
C0022B-33X-6	55	341.09	silty sand	50	40	10	A	A		A		D	F	F			C		C		F	F	F	F	F	F			C		
C0022B-34X-1	22	343.72	silty clay	0	30	70	A	A				D	F						C	F	F				F	F					
C0022B-34X-2	4	344.85	silty clay	0	30	70	A	A				D							C	F	F					F					did not disaggregate well
C0022B-34X-5	81	347.98	sand	90	10	0	A	A						F	C		A		C												

Smear slides Hole C0022B (core continued)

				Texture (%)			Siliciclastic Grain								Lithic Grains or Ash					Pelagic Grains							Authigenic				Comments
Hole-Core-Section	Int. (cm)	Depth (CSF-A)	Lithology	Sand	Silt	Clay	Quartz	Feldspar	Mica Group	Opaque Min.	Glauconite	Clay Min.	Organic matter (detrital)	Heavy Min.	Sed. Lithic	Ign. Lithic	Meta. Lithic	Volcanic Lithic	Vol. Glass	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge spicules	Bioclast fragment	Clay Mins.	Zeolite	Pyrite (authigenic)	Other	[Legend] Ap: Apatite, Bt: Biotite, Chl: Chlorite, Cpx: Clinopyroxene, Cum: Cumingtonite, Fel: Feldspar, Hbl: Hornblende, OM: Organic mattter, Opx: Orthopyroxene, Pyr: Pyrite, Zr: Zircon
C0022B-35X-6	55	358.87	silty clay	0	45	55	A	A				A							C	F					F	F					
C0022B-35X-CC	63	363.20	silt	10	85	5	A	A				C			C		A		C	F											
C0022B-36X-3	85	365.10	silt	10	85	5	A	A		C		C			C		A		C		F				F						minor brown glass
C0022B-36X-5	96	367.02	silty clay	0	40	60	A	A				D							C												
C0022B-37X-1	30	372.30	silty clay	0	40	60	A	A				D							C							F					
C0022B-37X-3	15	373.46	silty clay	85	10	5	A	A		F		C	F	F	F		A		C							F					
C0022B-38X-1	18	381.68	silty clay	0	30	70	A	A				D							C							C			C		did not fully disaggregate. Has pyr-framboid aggregates -> cemented burrows?
C0022B-38X-1	130	382.80	silty clay	2	38	60	A	A				D							C												
C0022B-38X-1	134	382.84	clayey silt	5	50	45	A	A				A							C												
C0022B-38X-2	53	383.44	silty clay	0	40	60	A	A				D							C												
C0022B-38X-2	58	383.49	silty clay	0	30	70	A	A				D							C												subunit boundary! sample from first granule bed. Appears as silty clay in smear slide. A few rounded aggregates may be clasts raded than undisaggregated matrix.
C0022B-38X-4	74	385.67	silty clay	0	45	55	A	A				A							C												dominant lithology above gravel bed
C0022B-38X-4	106	385.99	silty clay	0	30	70	A	A				D							C						F						matrix of gravel bed
C0022B-38X-4	125	386.18	silty clay	0	35	65	A	A				D	F						F												possible mudstone cobble. Less gray than the rest of the core (brownish)
C0022B-38X-4	136	386.29	silty clay	0	25	75	A	A				D														F					dominant lithology below gravel bed
C0022B-38X-5	79	387.12	medium silty sand	80	15	5	A	A		A				F	A		C		A		F										opaques are mostly larger grains. May be mudstone clasts
C0022B-38X-5	90	387.23	clayey silt	10	40	50	A	A		C		A							C												opaques may be mudstone clasts
C0022B-38X-6	58	388.33	silty clay	0	20	80	A	A				D	F							F					F						almost clay. Sample from lighter-colored mud
C0022B-38X-8	58	390.32	silty cay	0	30	70	A	A				D							C	F											
C0022B-38X-8	72	390.46	clayey silty sand	40	35	25	A	A		C		A		F	C		C		C		F					F			C		up to coarse sand. Some brown microlitic glass. Opaque grains may be mudclasts.
C0022B-39X-5	32	395.96	silty clay	0	40	60	A	A				D							C												some brown microlitic glass
C0022B-39X-5	40	396.04	coarse ash	60	40	0	C	C		A				A					A												crystal ash in part!
C0022B-40X-2	65	402.55	clayey silt	0	60	40	A	A				A			C		A	C	A												many microlitic
C0022B-40X-5	8	405.10	silty clay	0	45	55	A	A				A					F		C										F		dominant lithology. Did not disaggregate well
C0022B-40X-5	41	405.43	silty sand	60	40	0	A	A		A				C	C		A	C	C						F	C					several lathwork VRFs
C0022B-41X-1	70	410.70	silty clay	0	45	55	A	A				A					C		C												almost clayey silt
C0022B-41X-3	120	413.36	silty sand	80	20	0	A	A	A					C			A	?													opaques are either mudclasts or basaltic VRFs
C0022B-41X-4	27	413.88	silty sand	80	20	0	A	A	A					F	C		C	?	F		F					F					opaques are either mudclasts or basaltic VRFs

D: dominant (>50%), A: abundant (>10-50%), C: common (>1-10%), F: few (>0.1-1%), R: rare (<0.1 %)