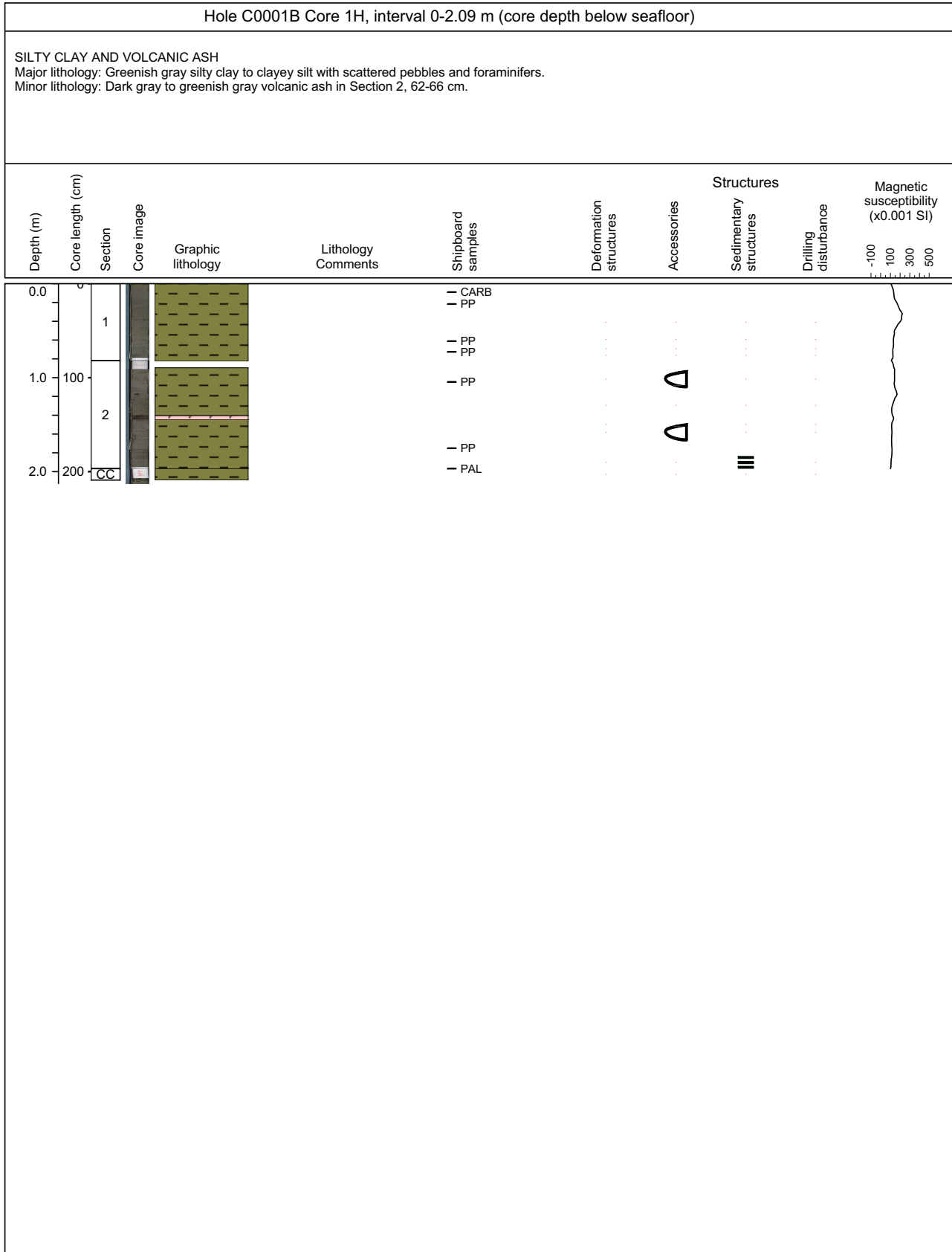


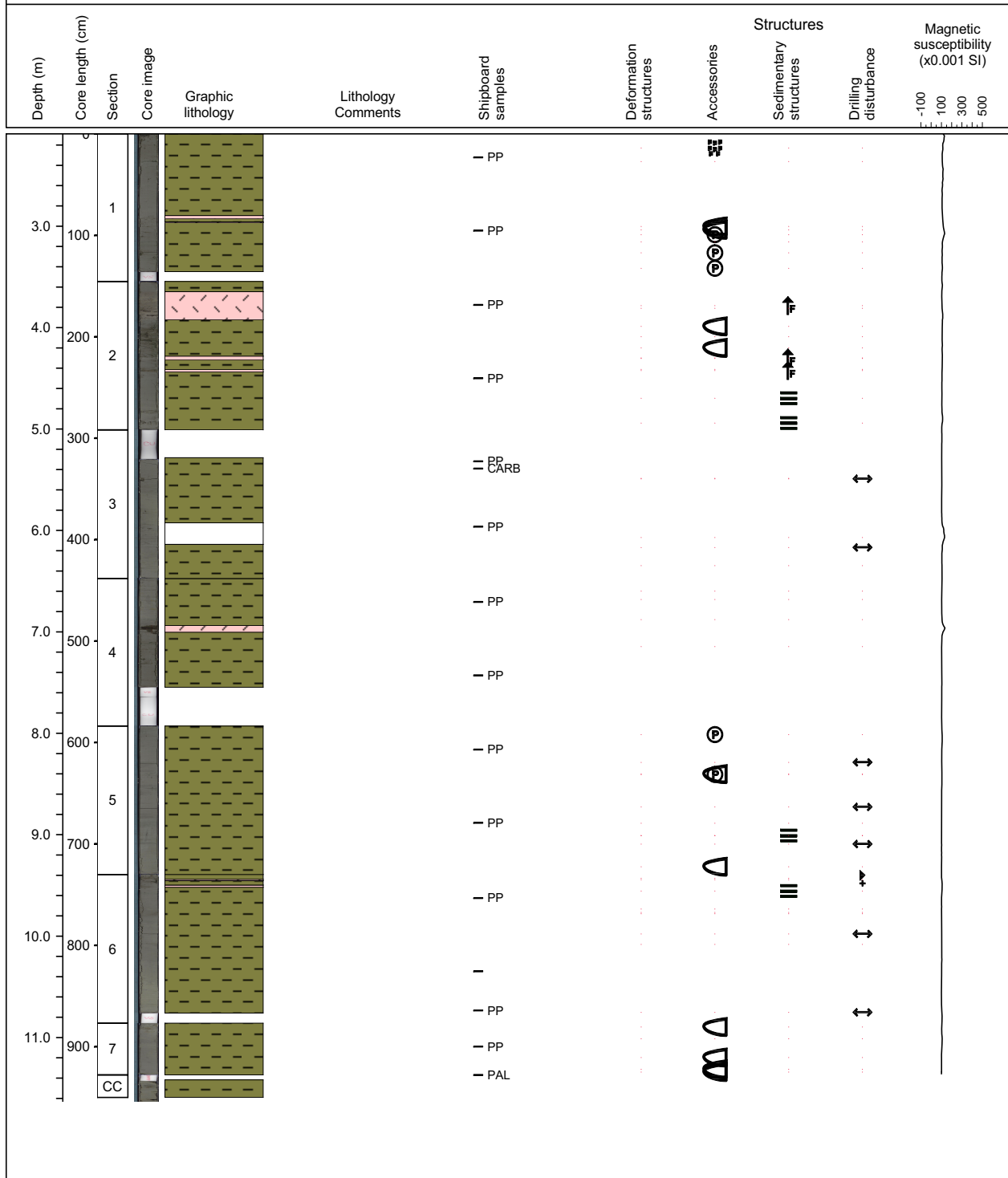
Core Photo



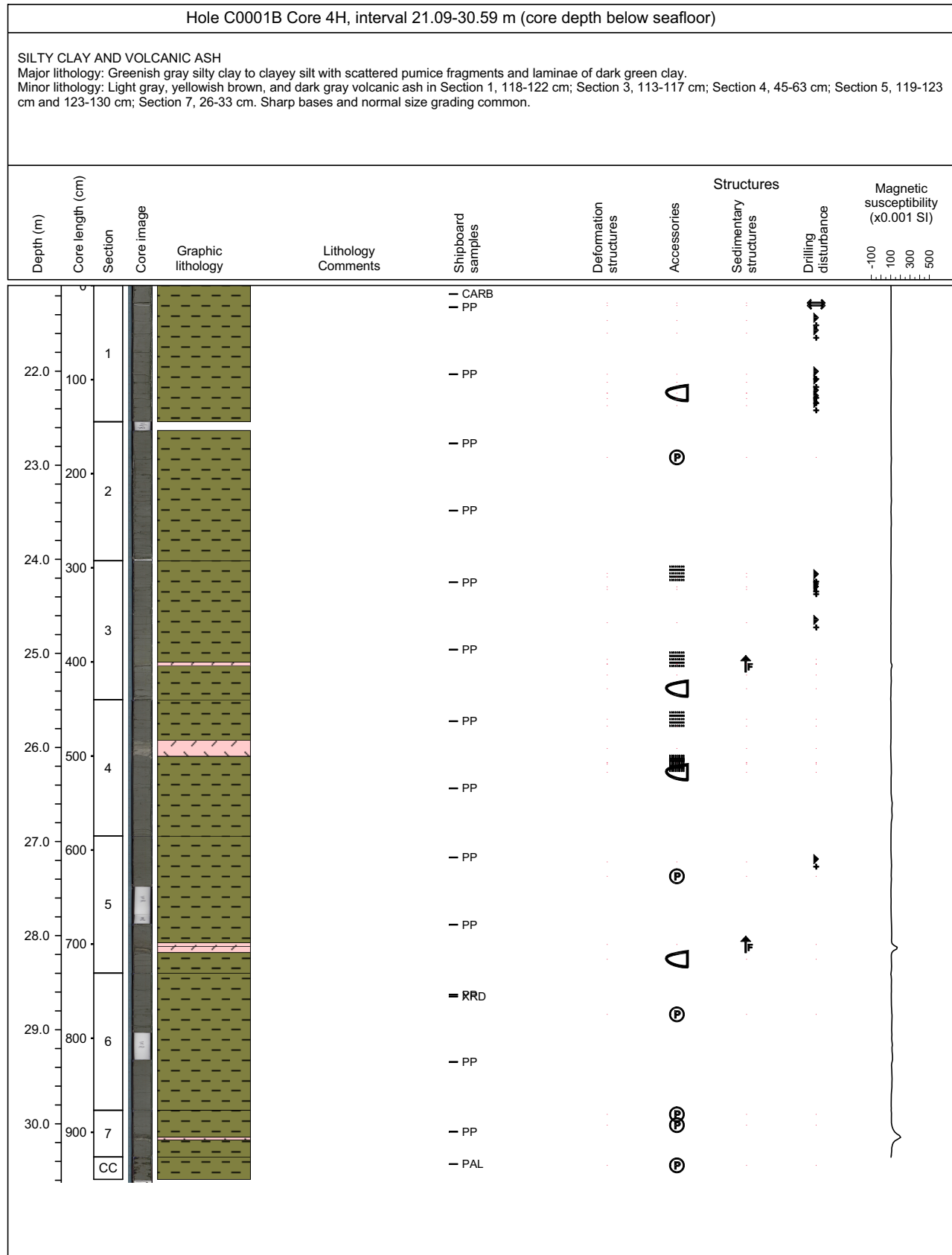
Core Photo

Hole C0001B Core 2H, interval 2.09-11.59 m (core depth below seafloor)

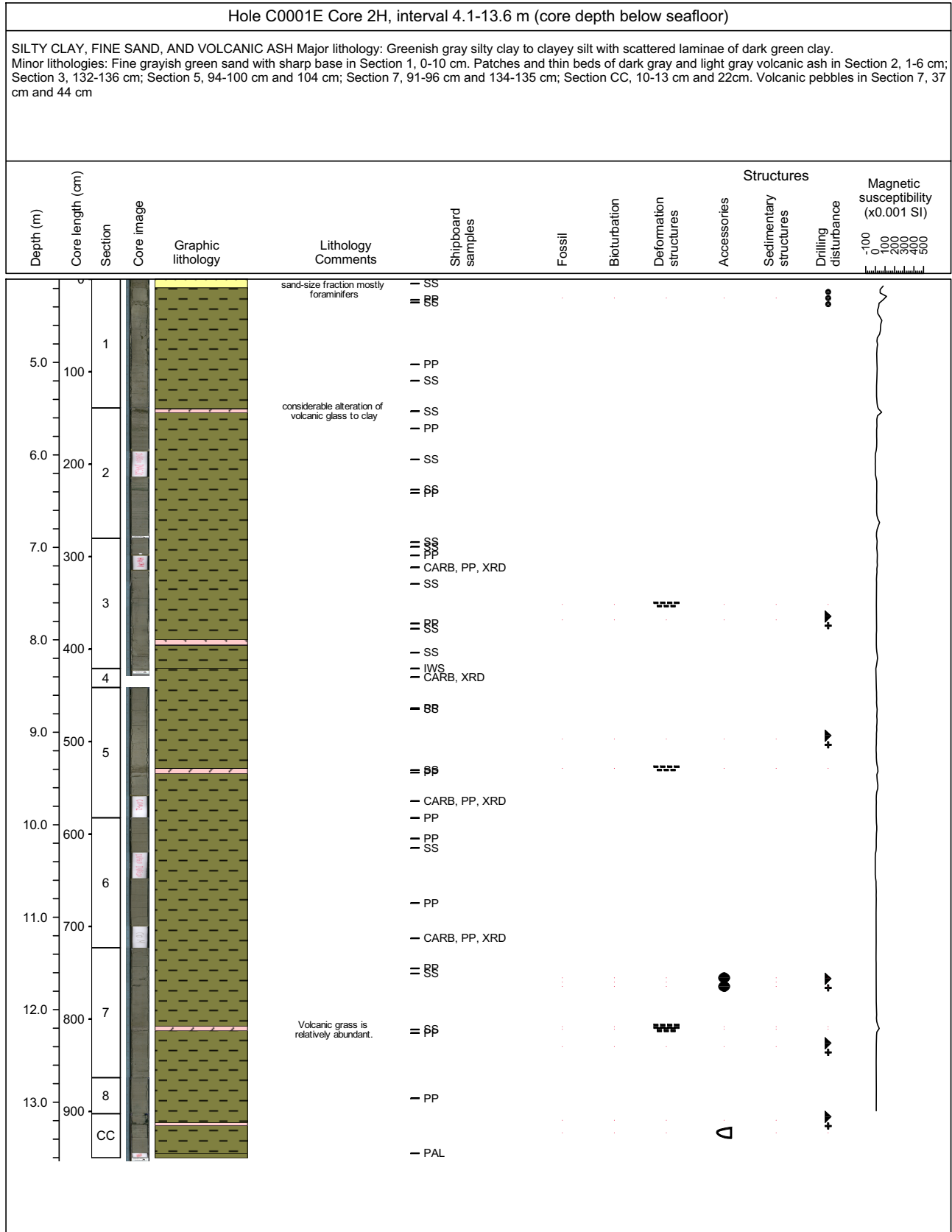
SILTY CLAY AND VOLCANIC ASH
 Major lithology: Greenish gray silty clay to clayey silt; mottled, with scattered pumice fragments, foraminifers, and burrows.
 Minor lithology: Patches and beds of dark gray, brownish gray, and light gray volcanic ash in Section 1, 83-86 cm; Section 2, 10-39 cm, 76-80 cm, and 90-92 cm; Section 4, 48-55 cm; Section 6, 5-6 cm and 11-13 cm. Grain size ranges from fine sand to silt. Thicker beds display normal size grading, sharp base, and diffuse top.






Core Photo



Core Photo

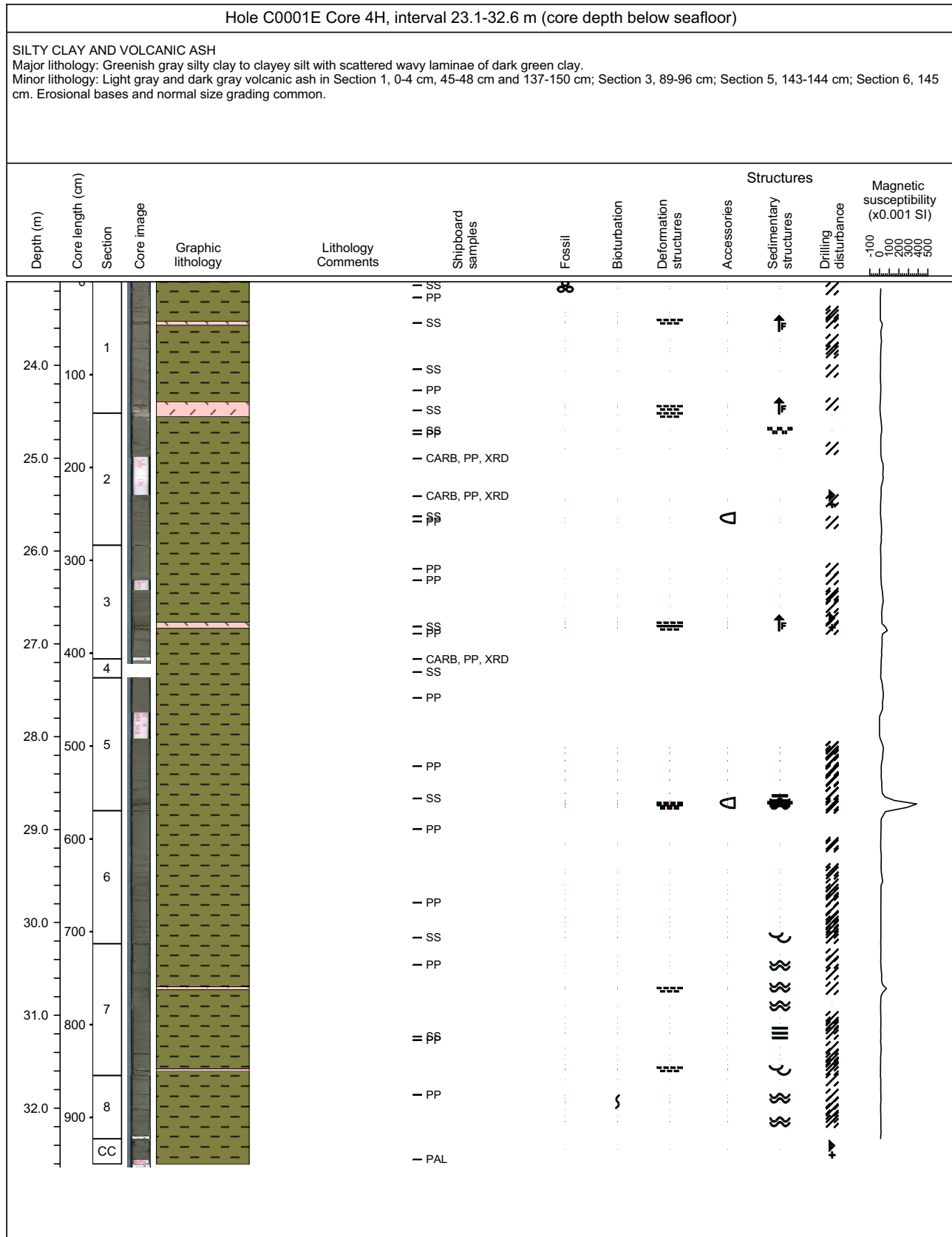


Core Photo

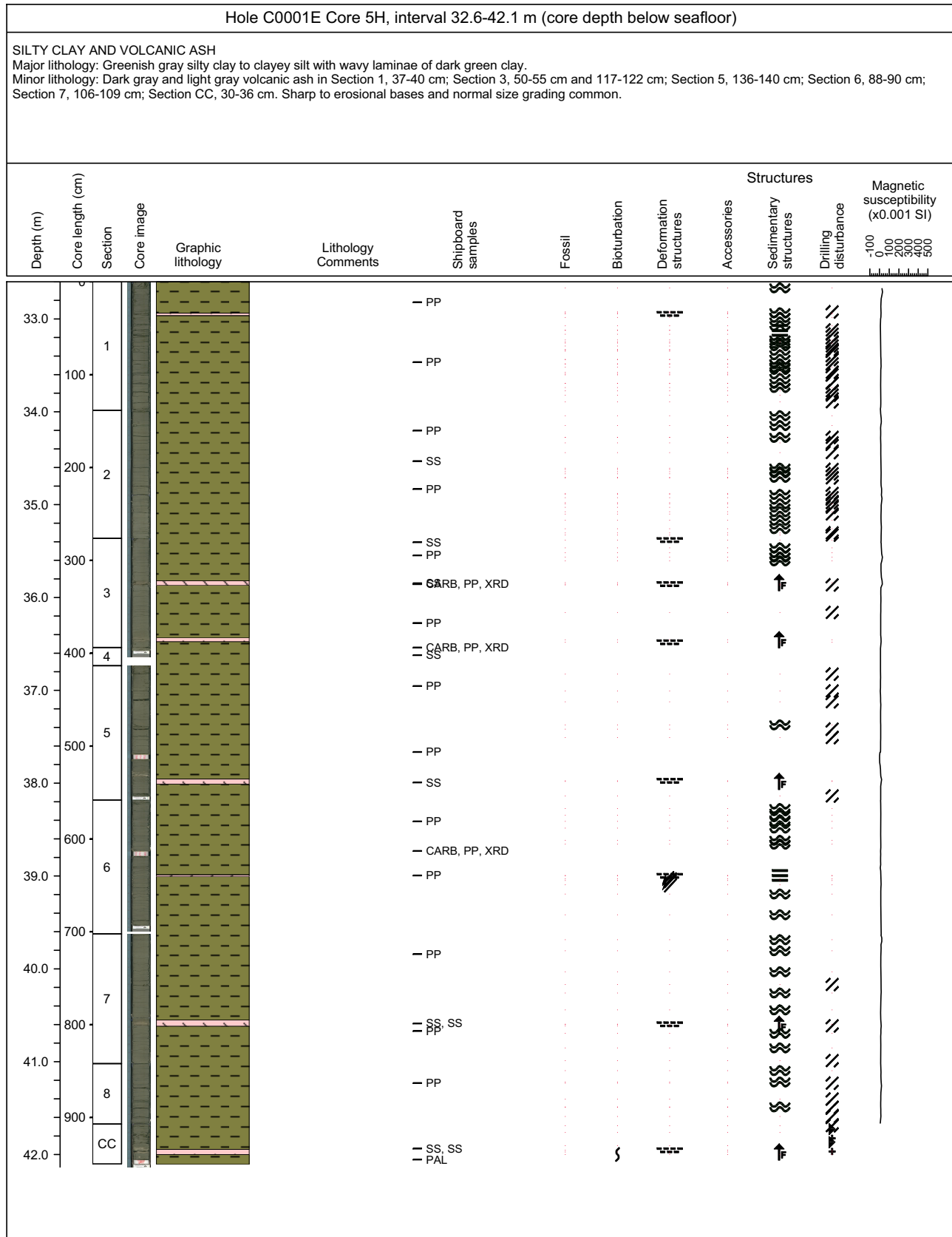
Hole C0001E Core 3H, interval 13.6-14.3 m (core depth below seafloor)												
SILTY CLAY Major lithology: Greenish gray silty clay to clayey silt.												
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures Sedimentary structures	Magnetic susceptibility (x0.001 SI)
14.0	1	CC			- PP							
					- PAL							



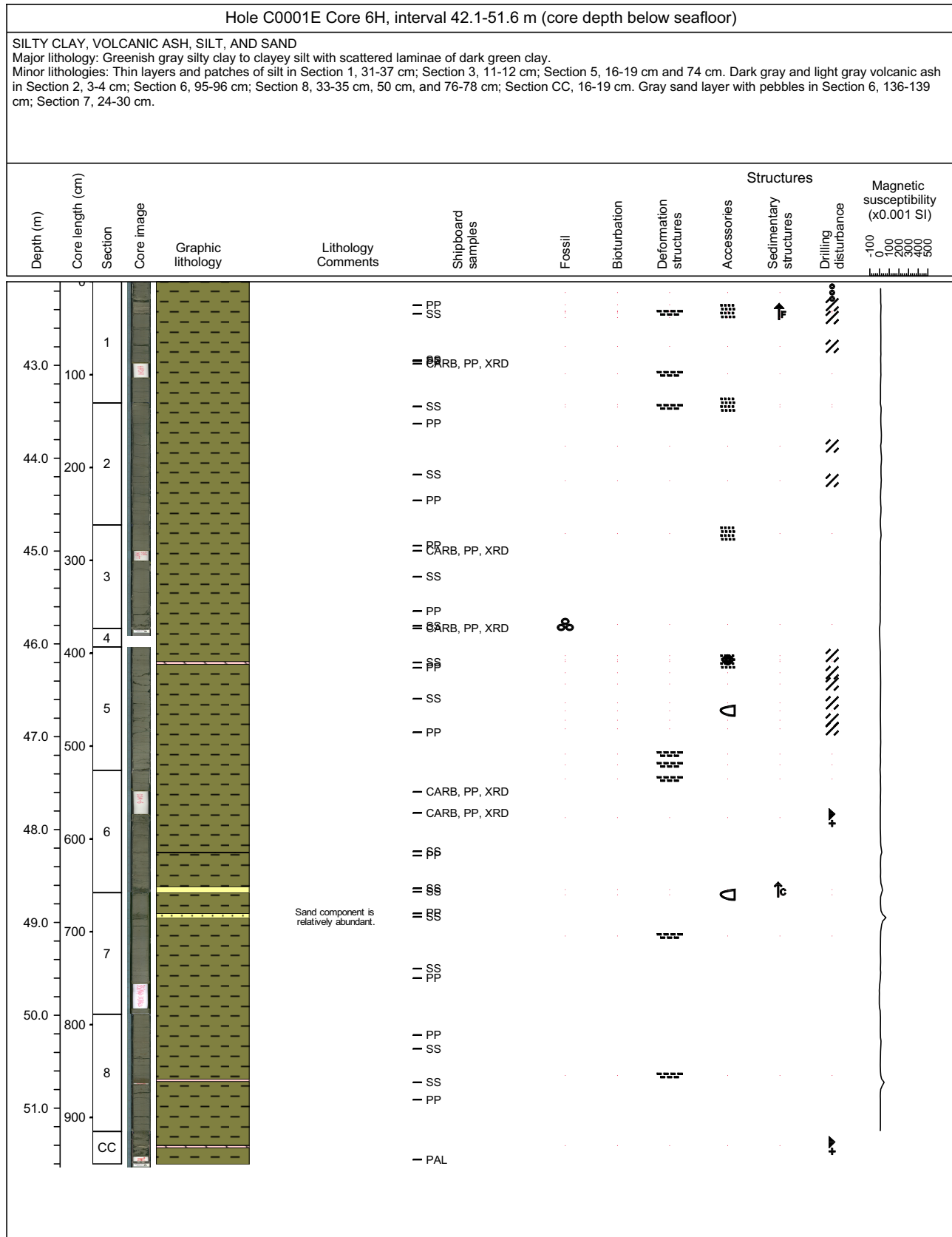
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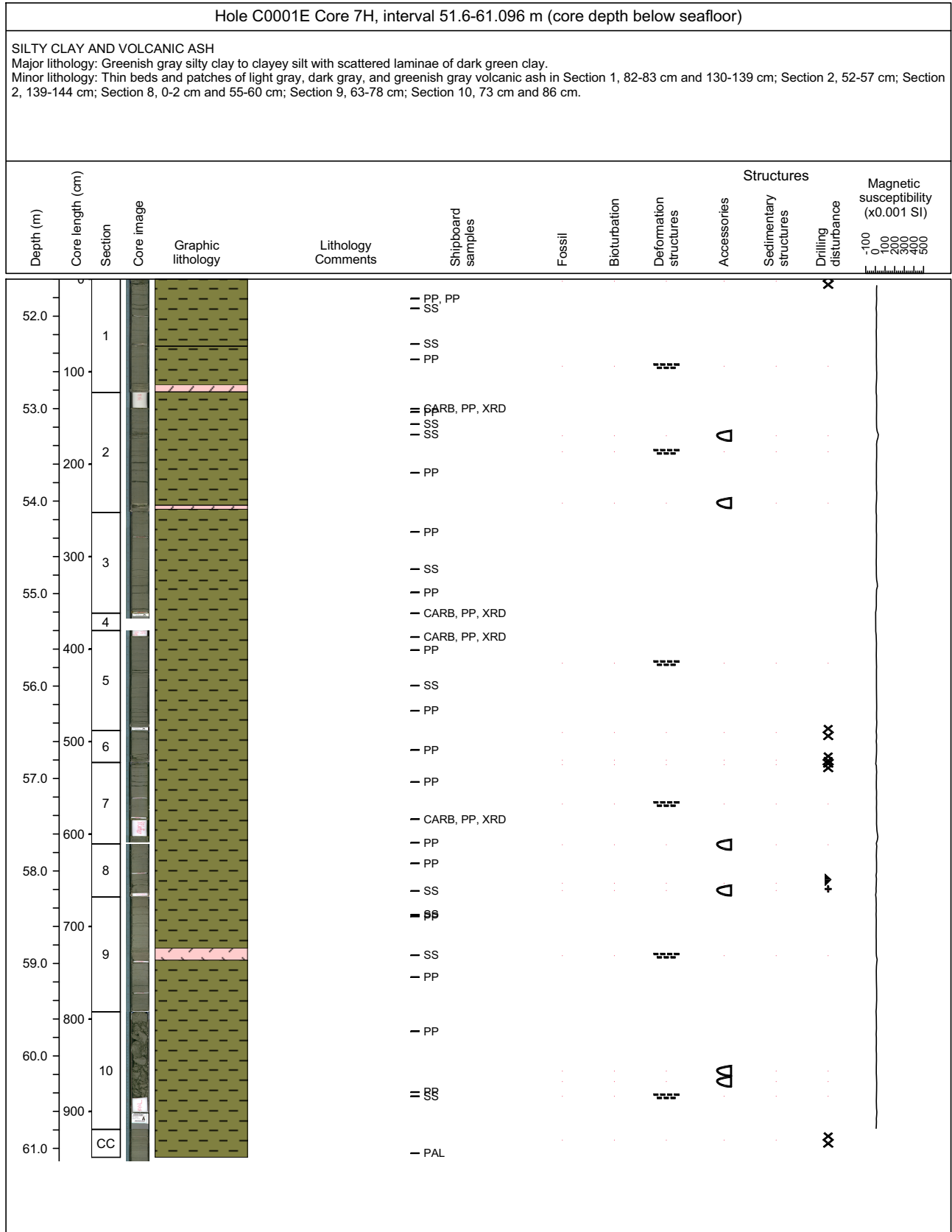
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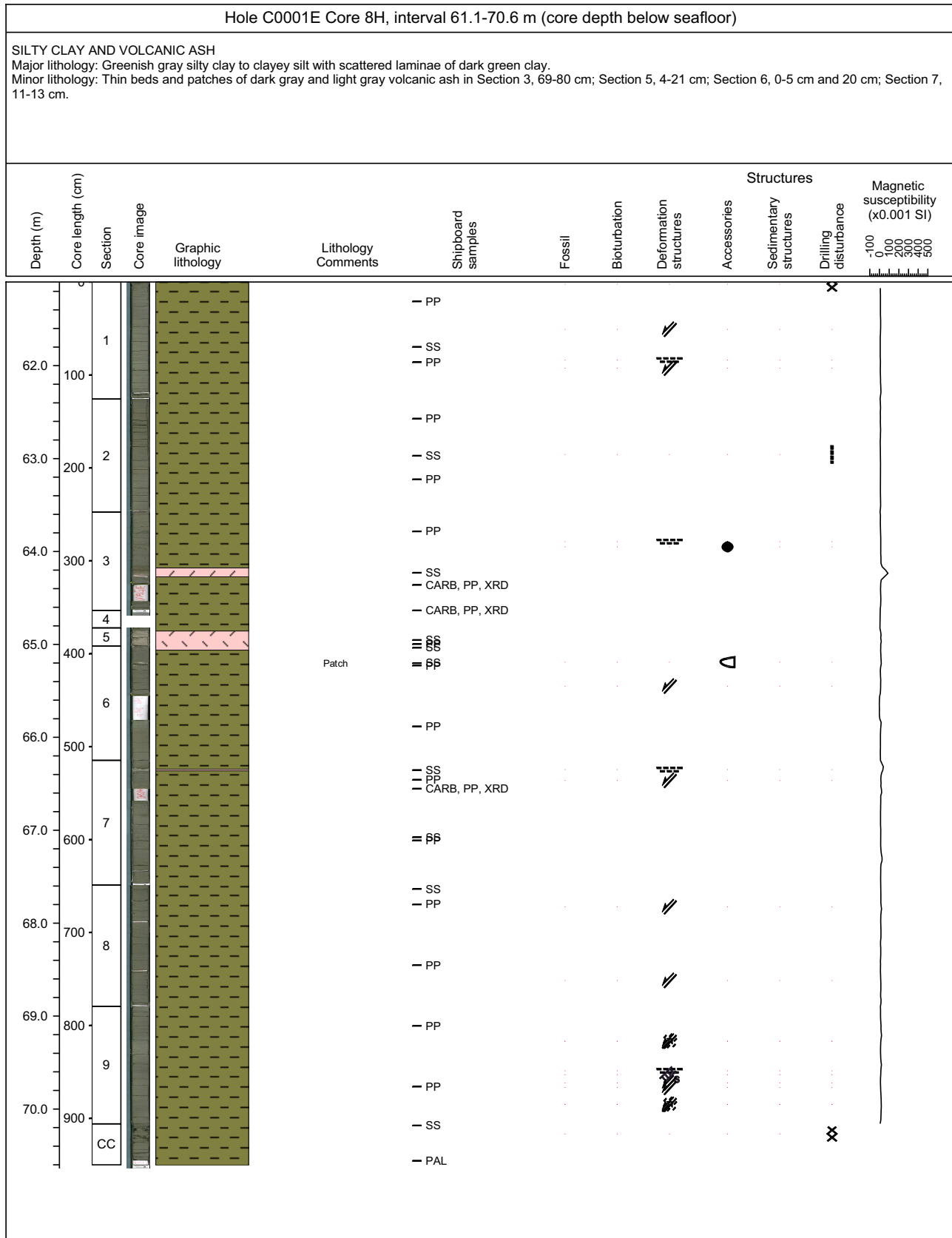
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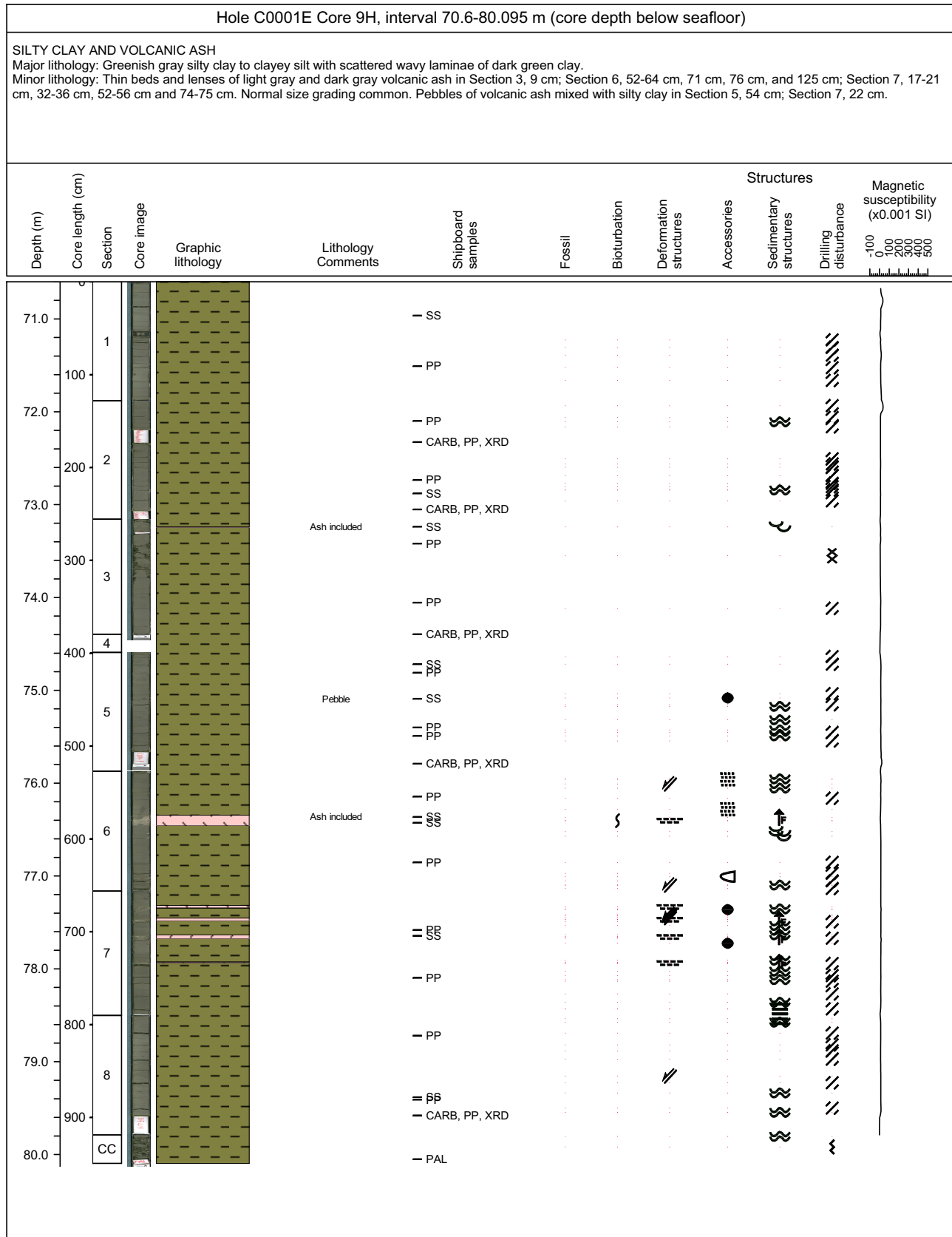
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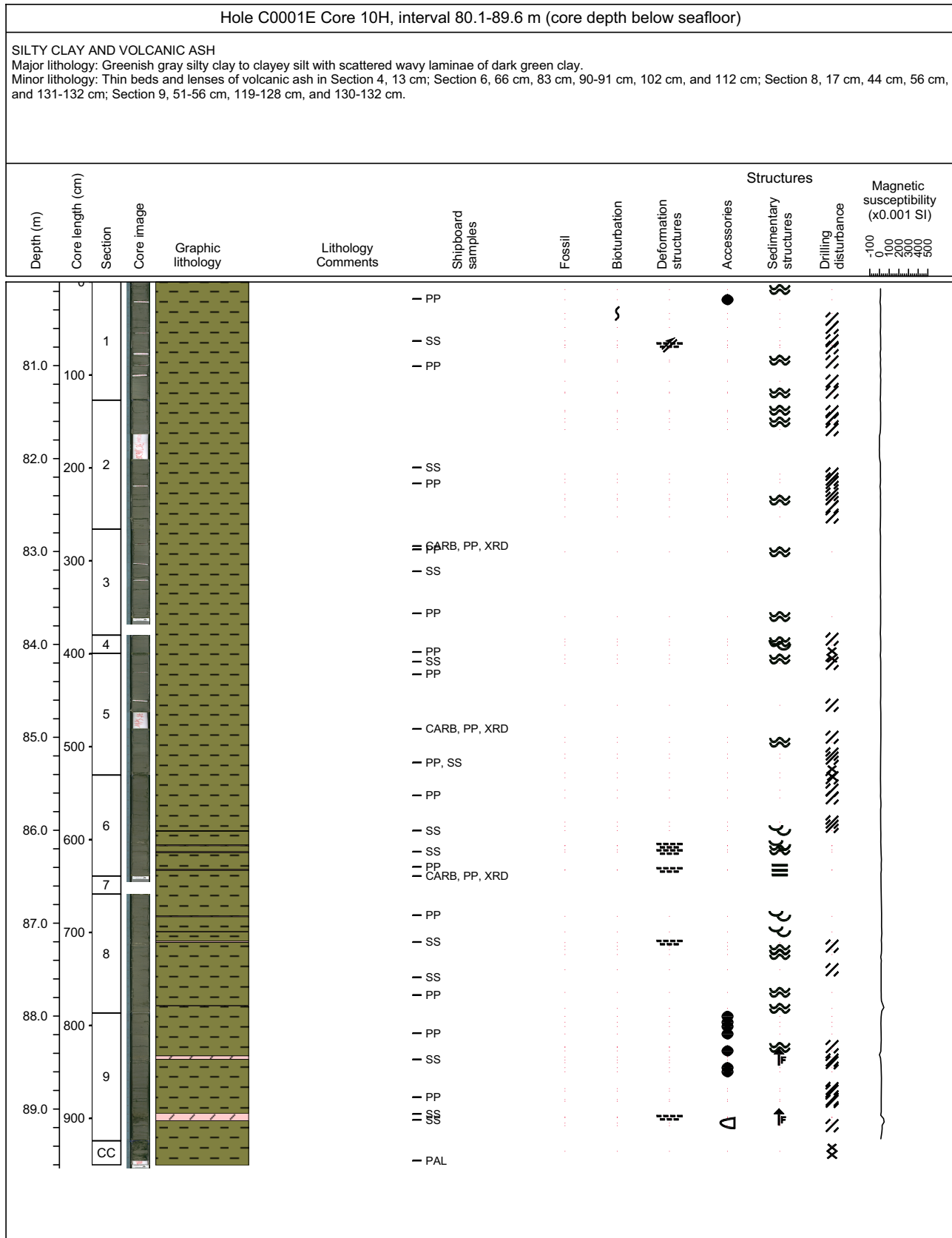
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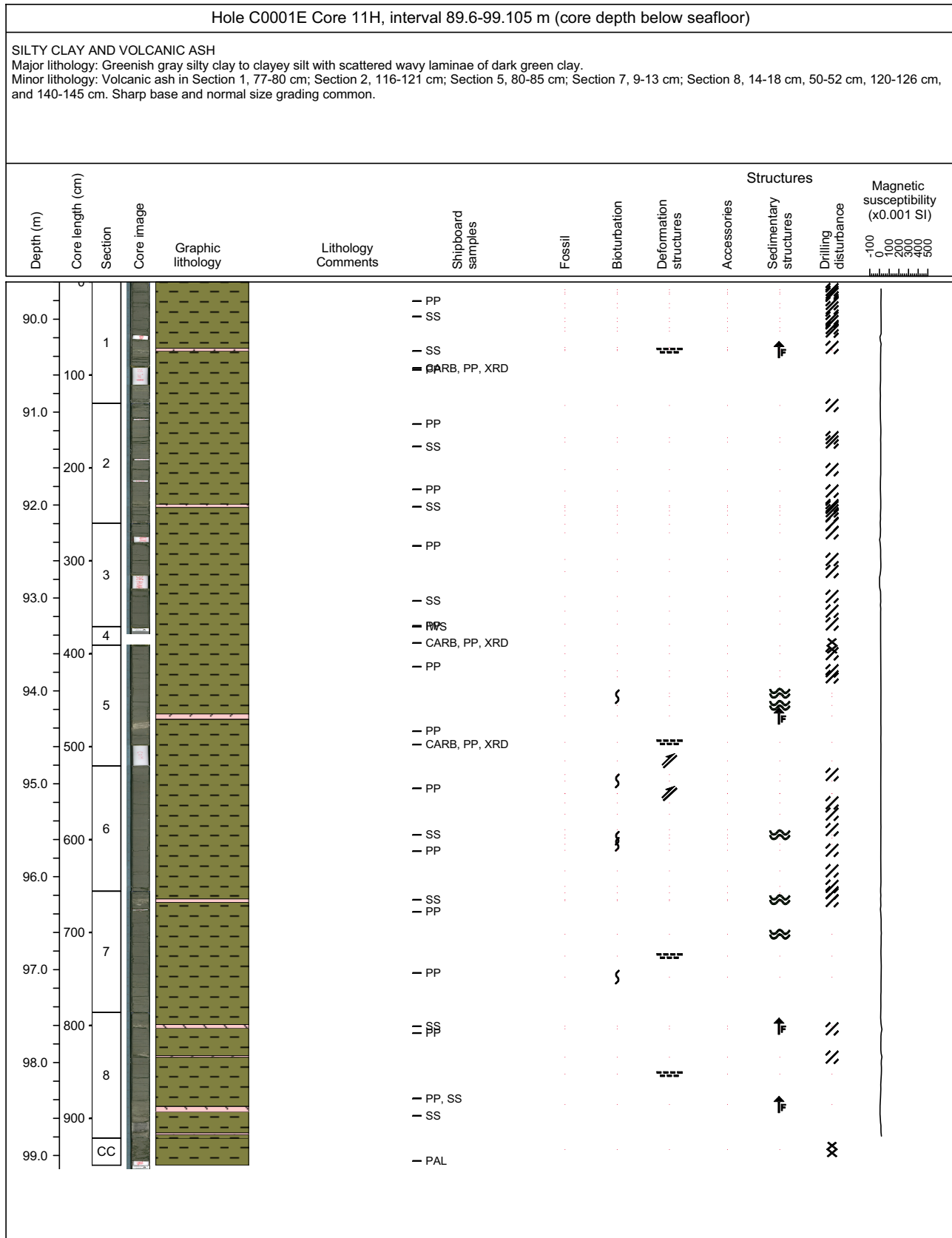
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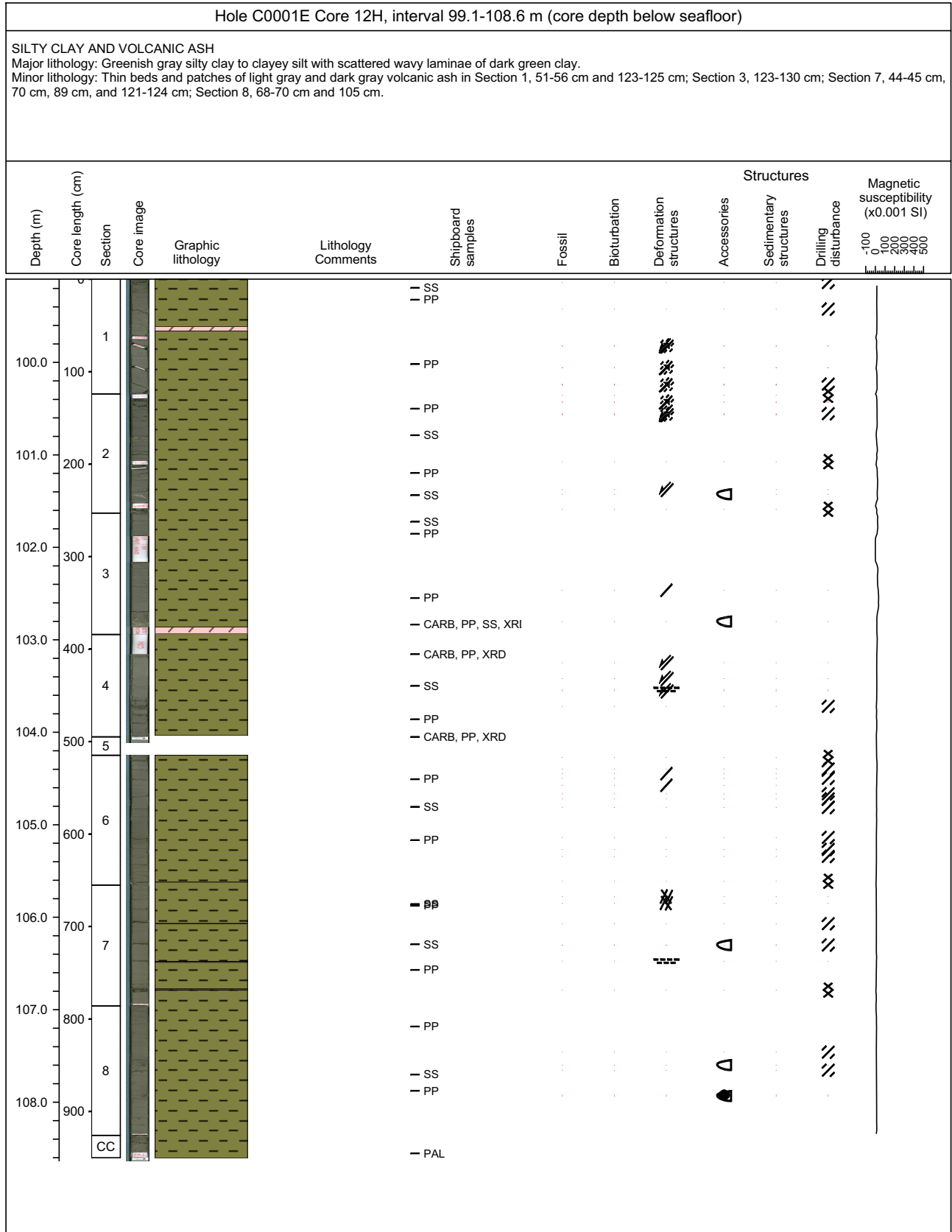
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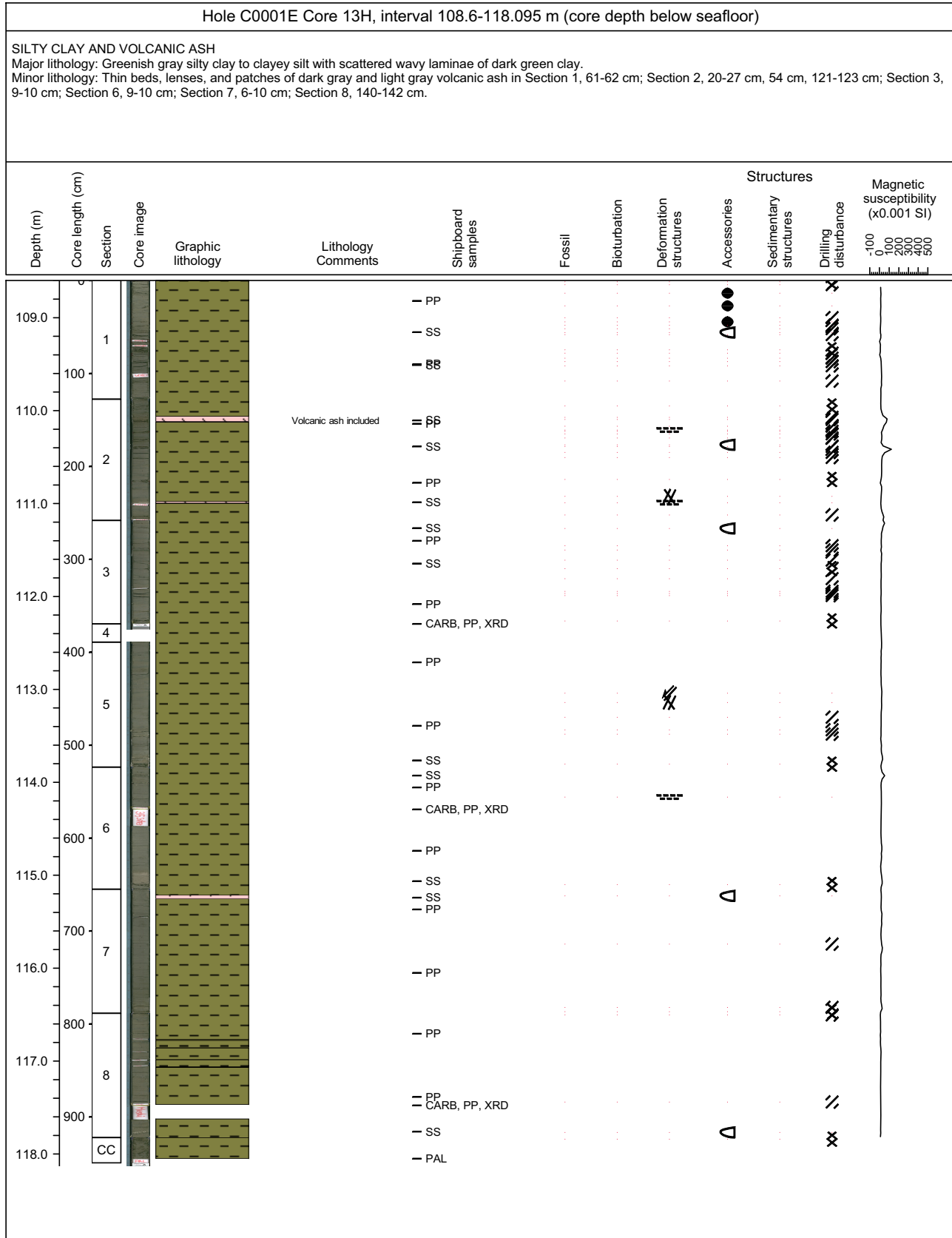
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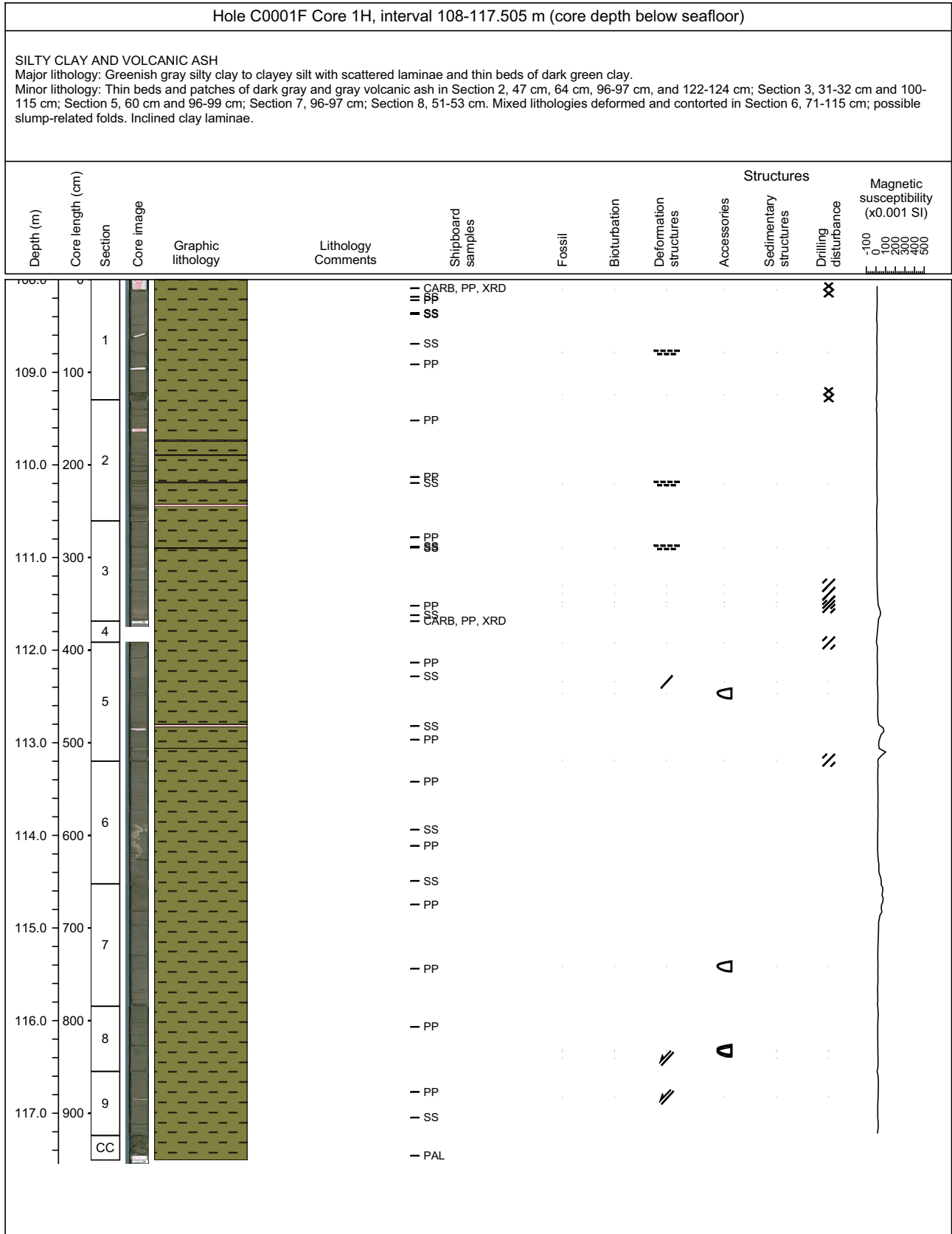
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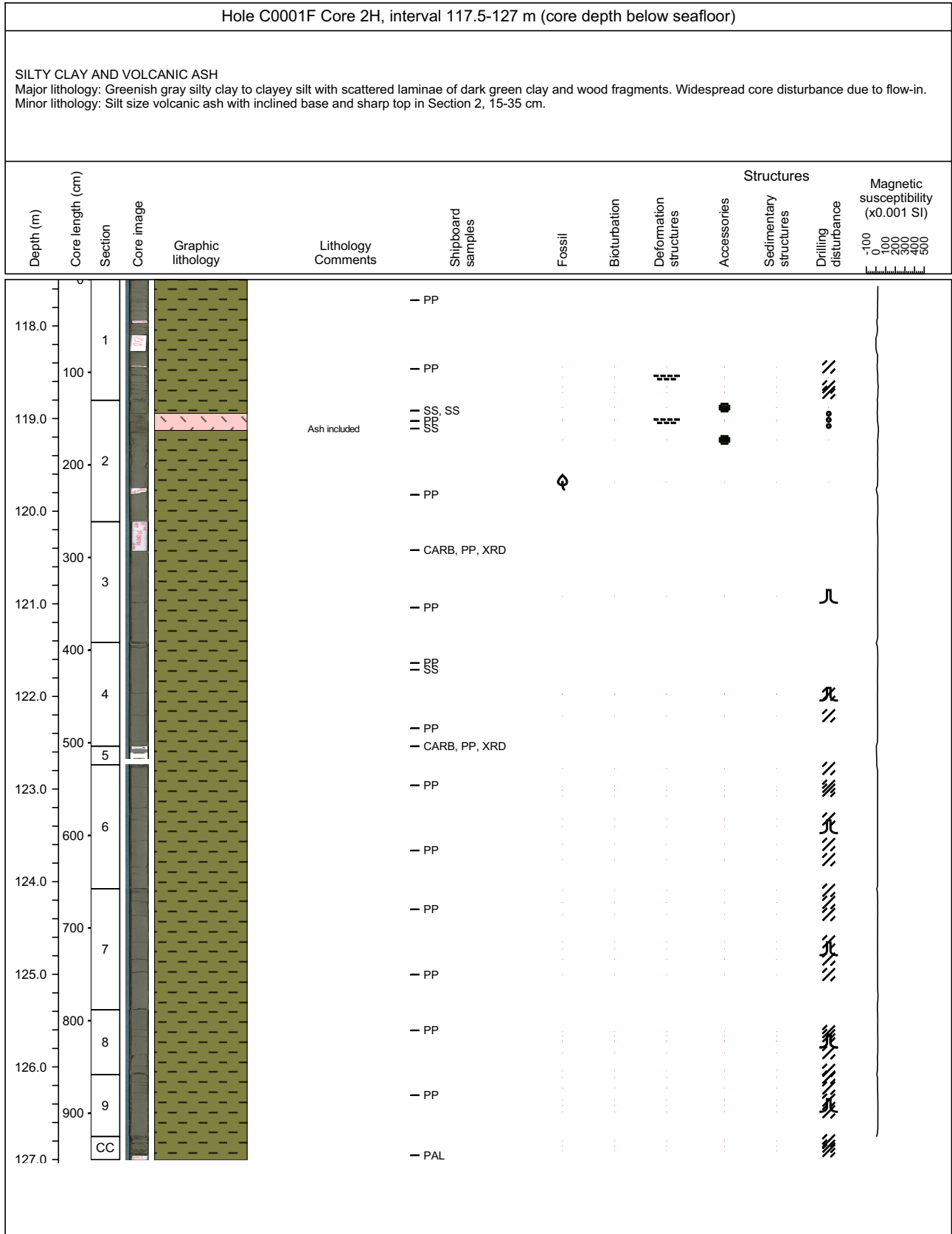
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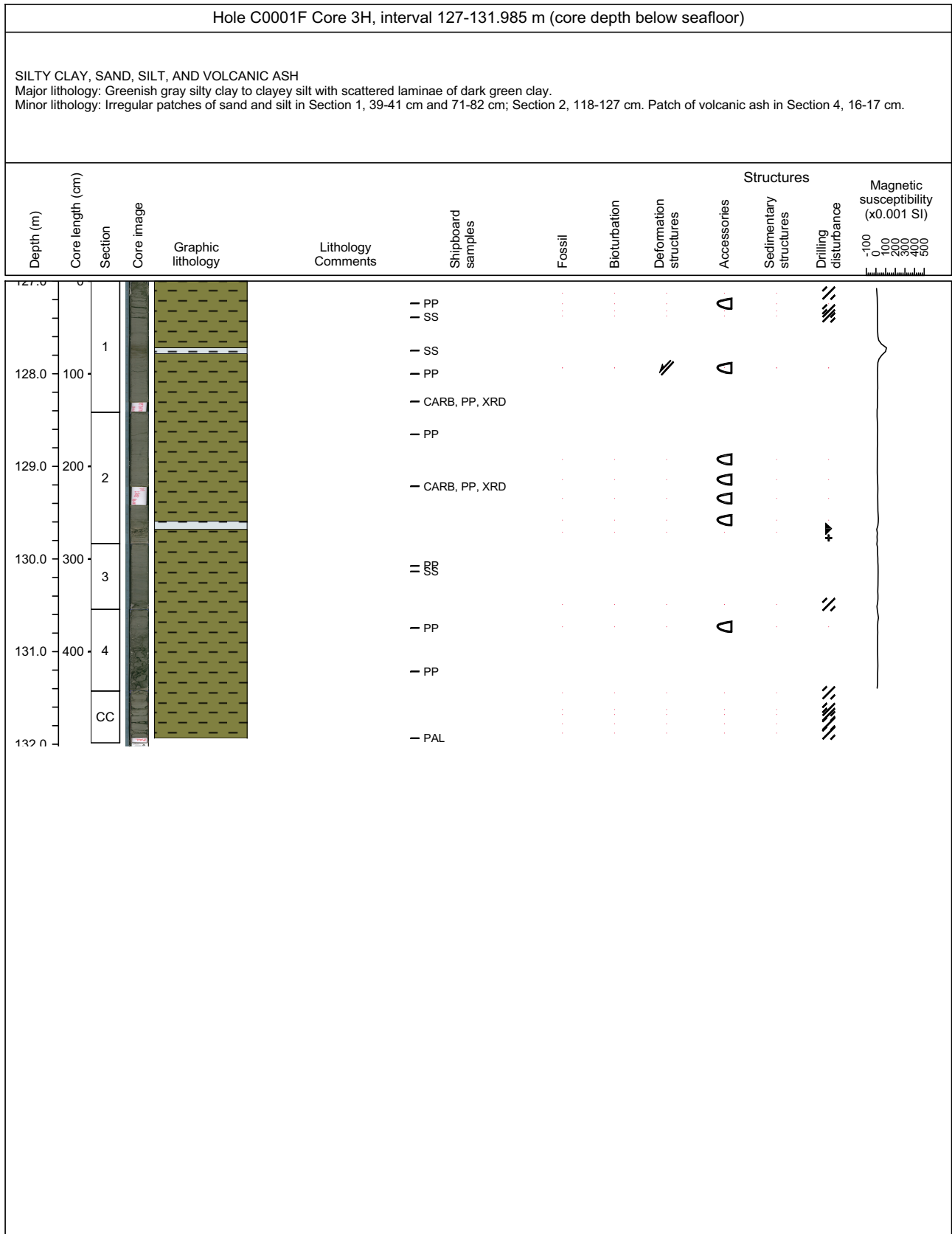
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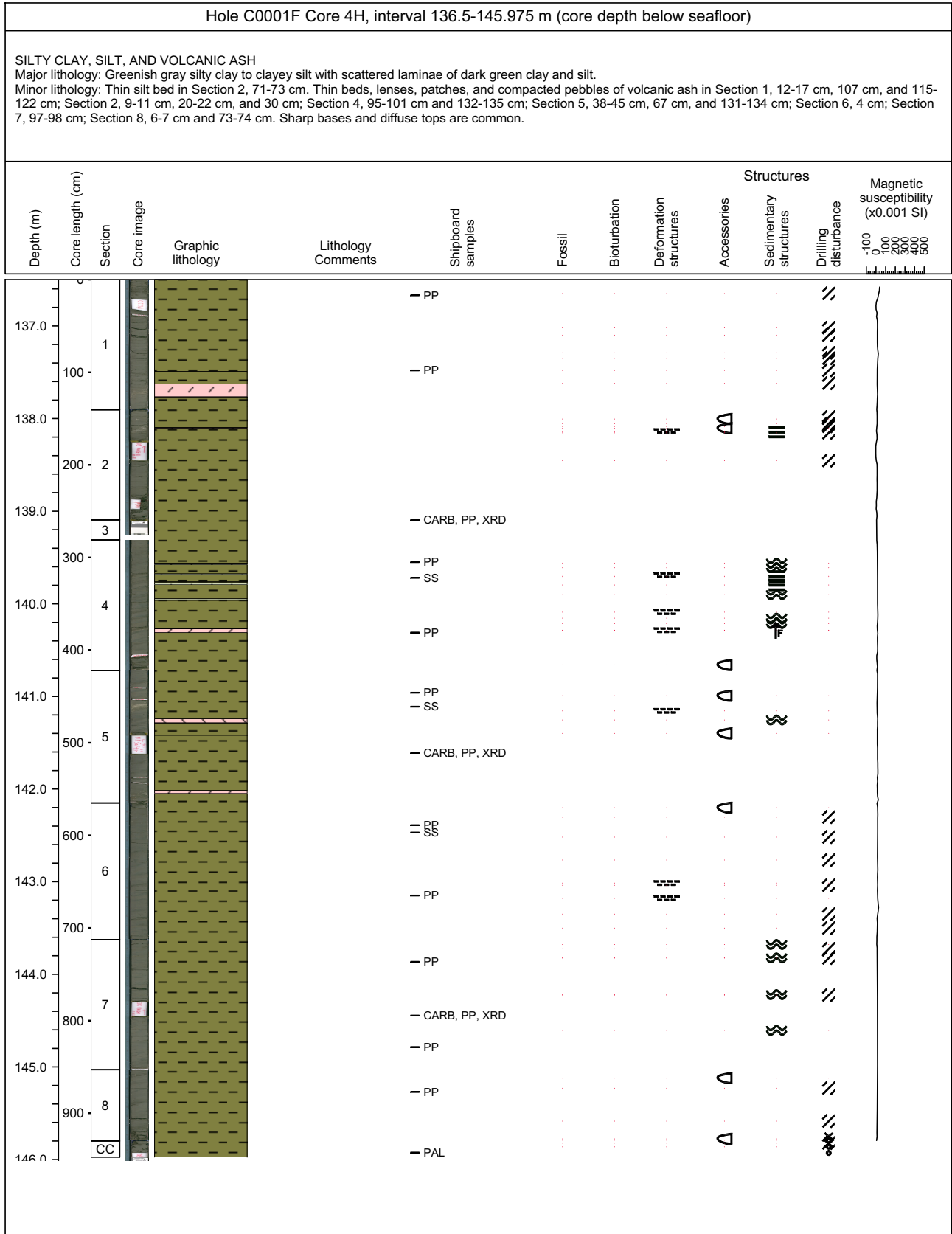
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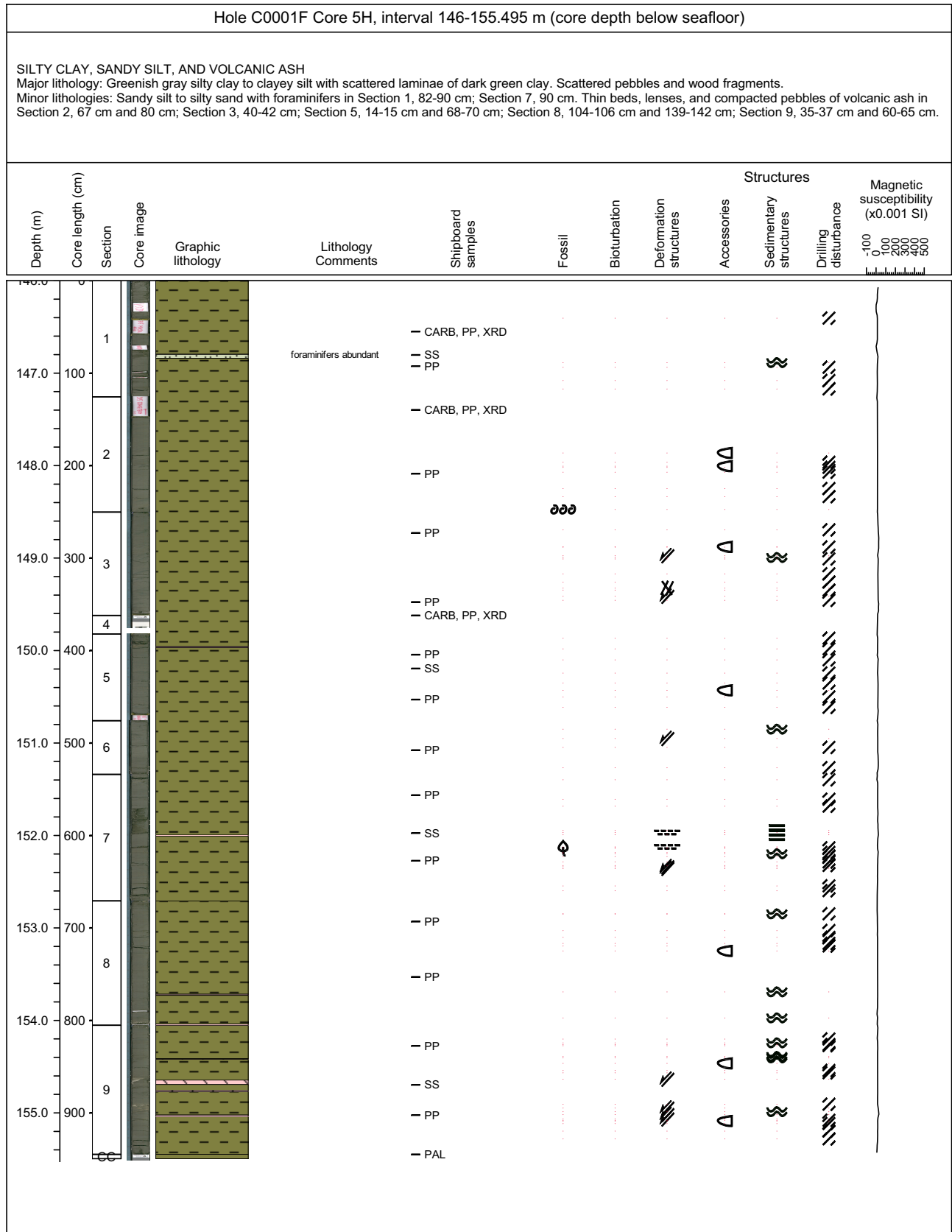
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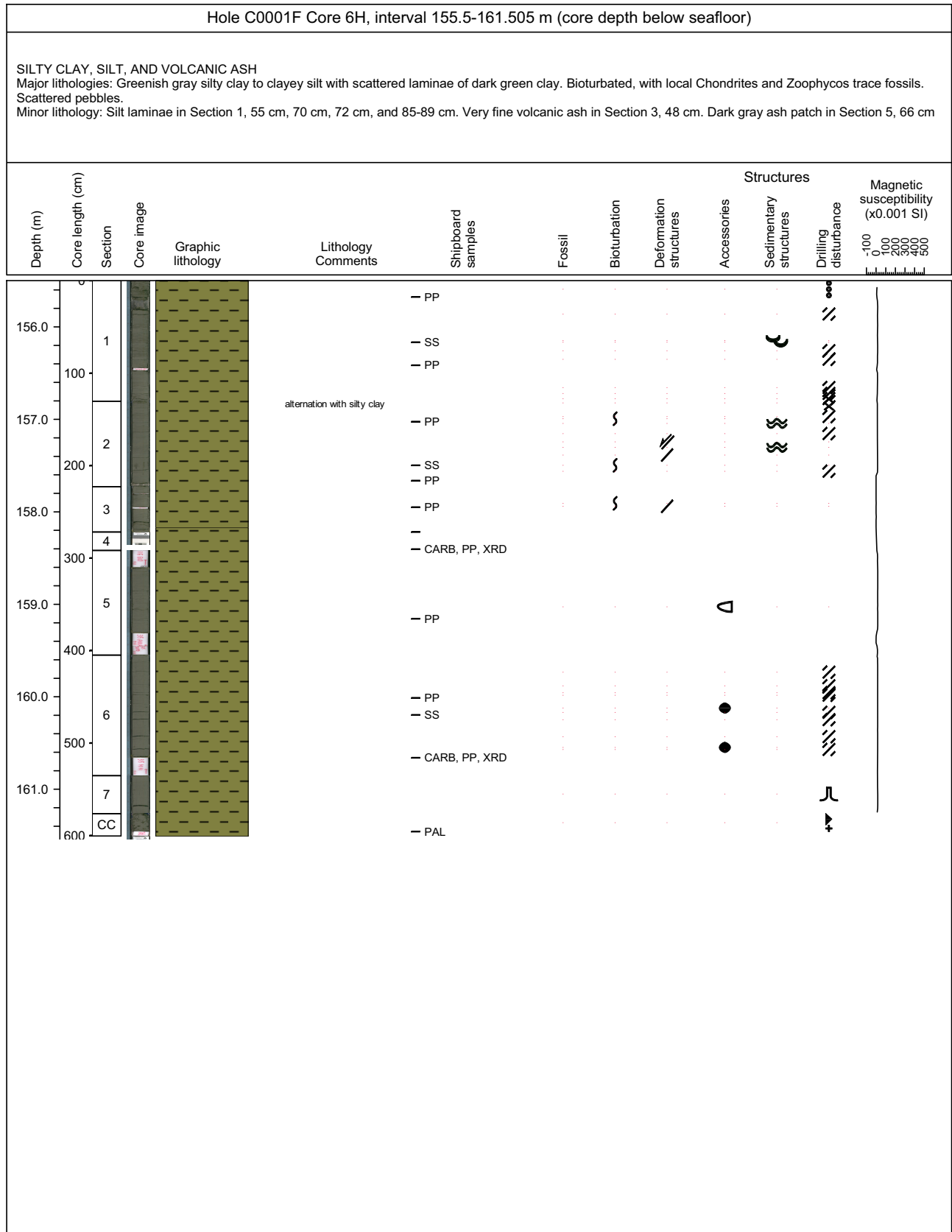
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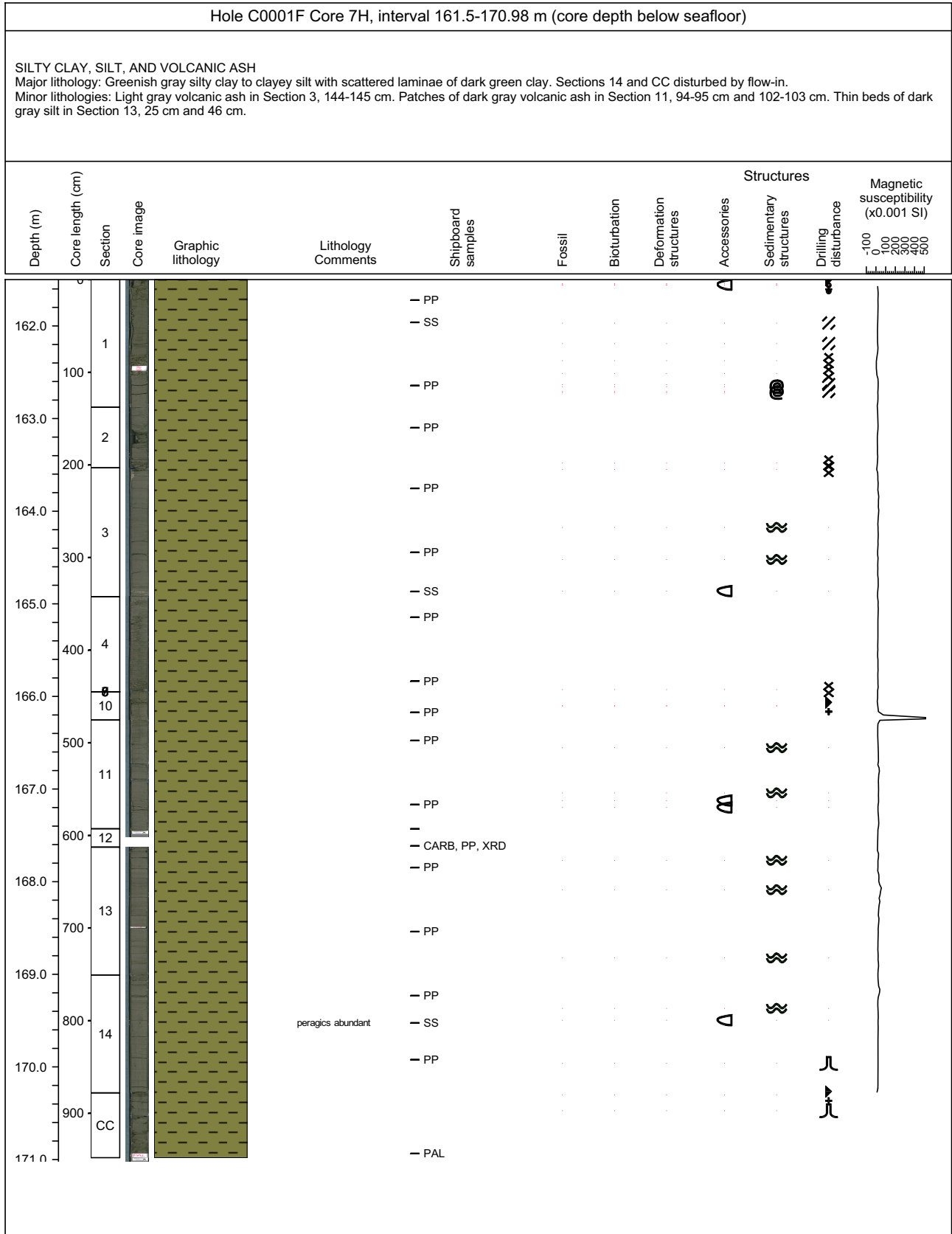
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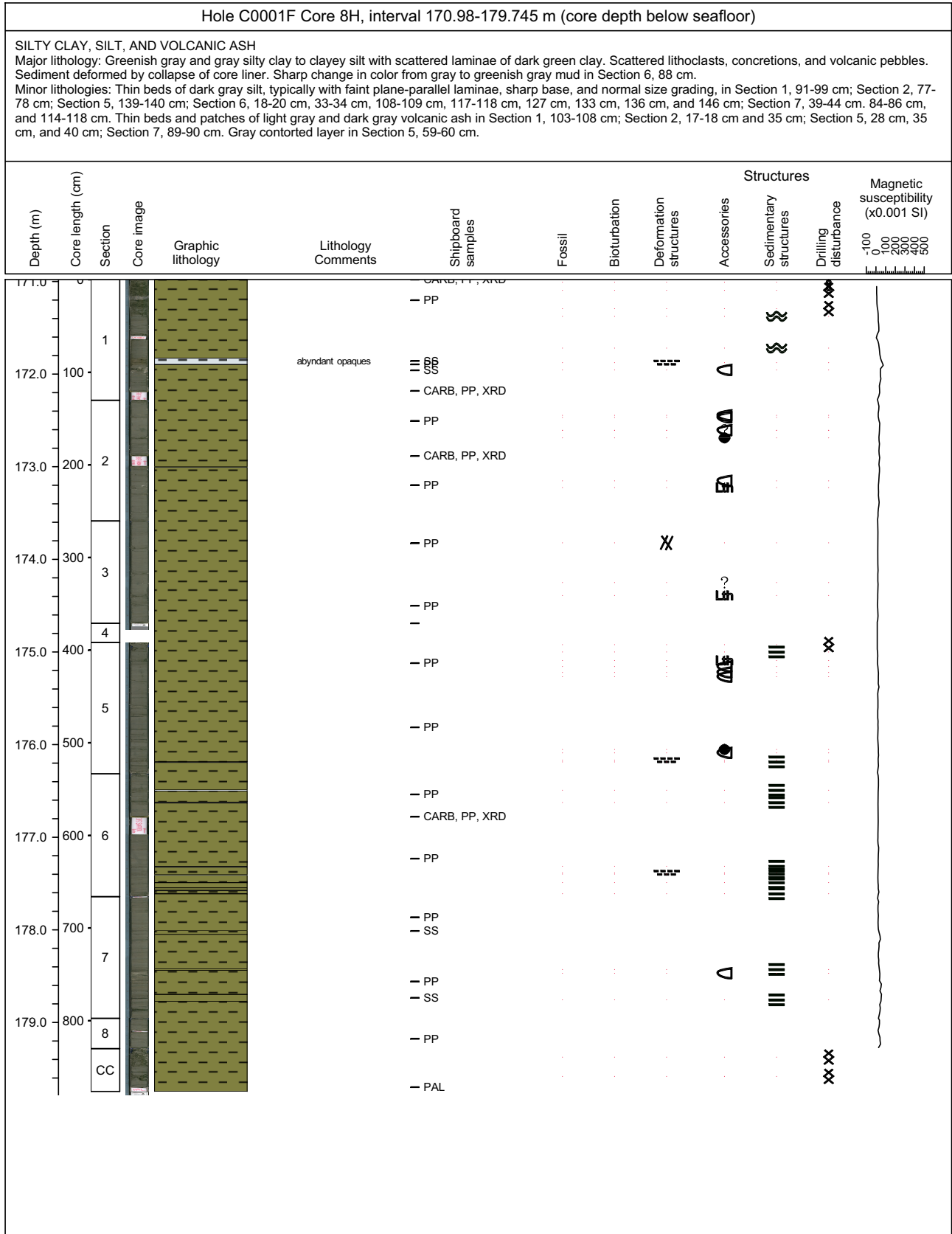
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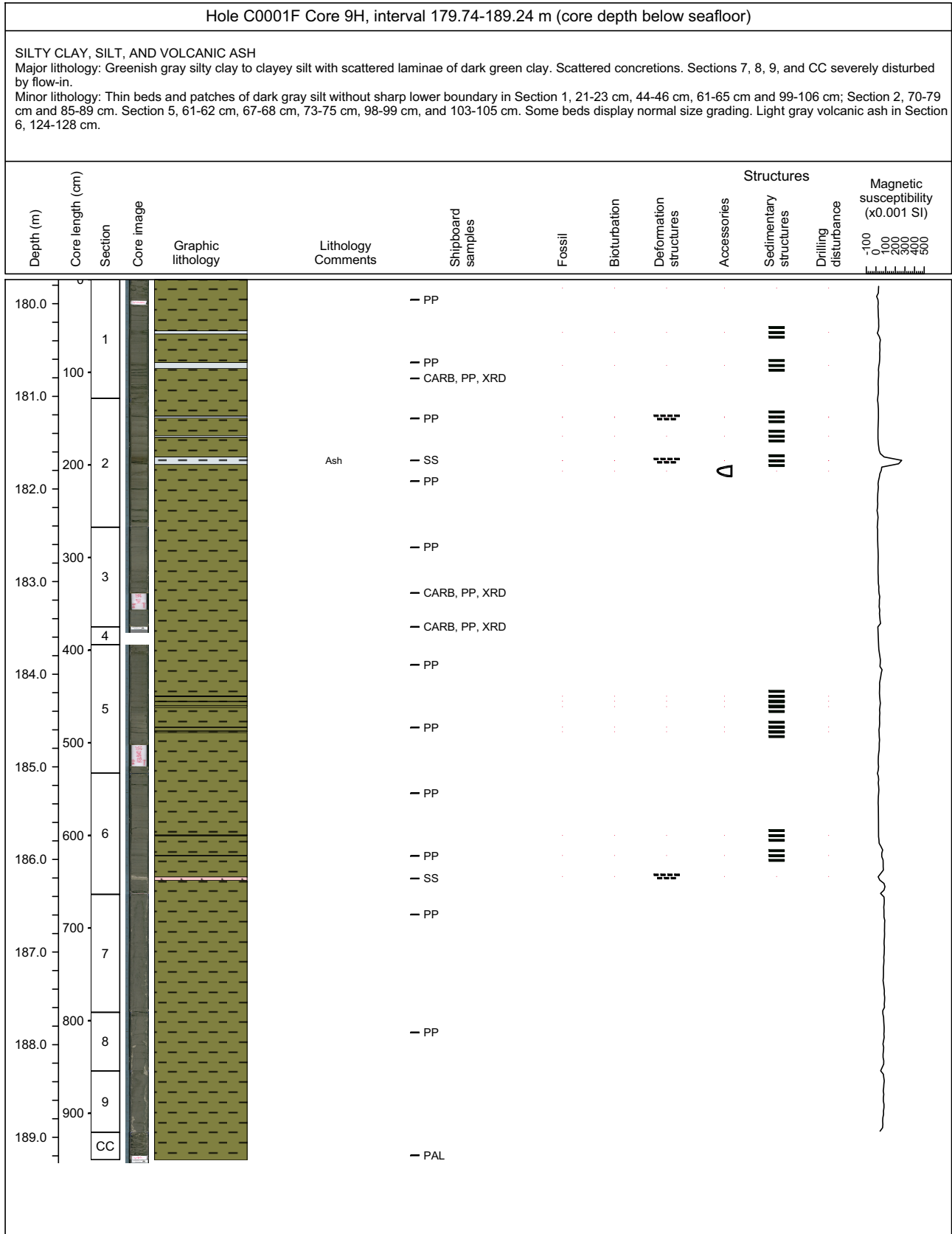
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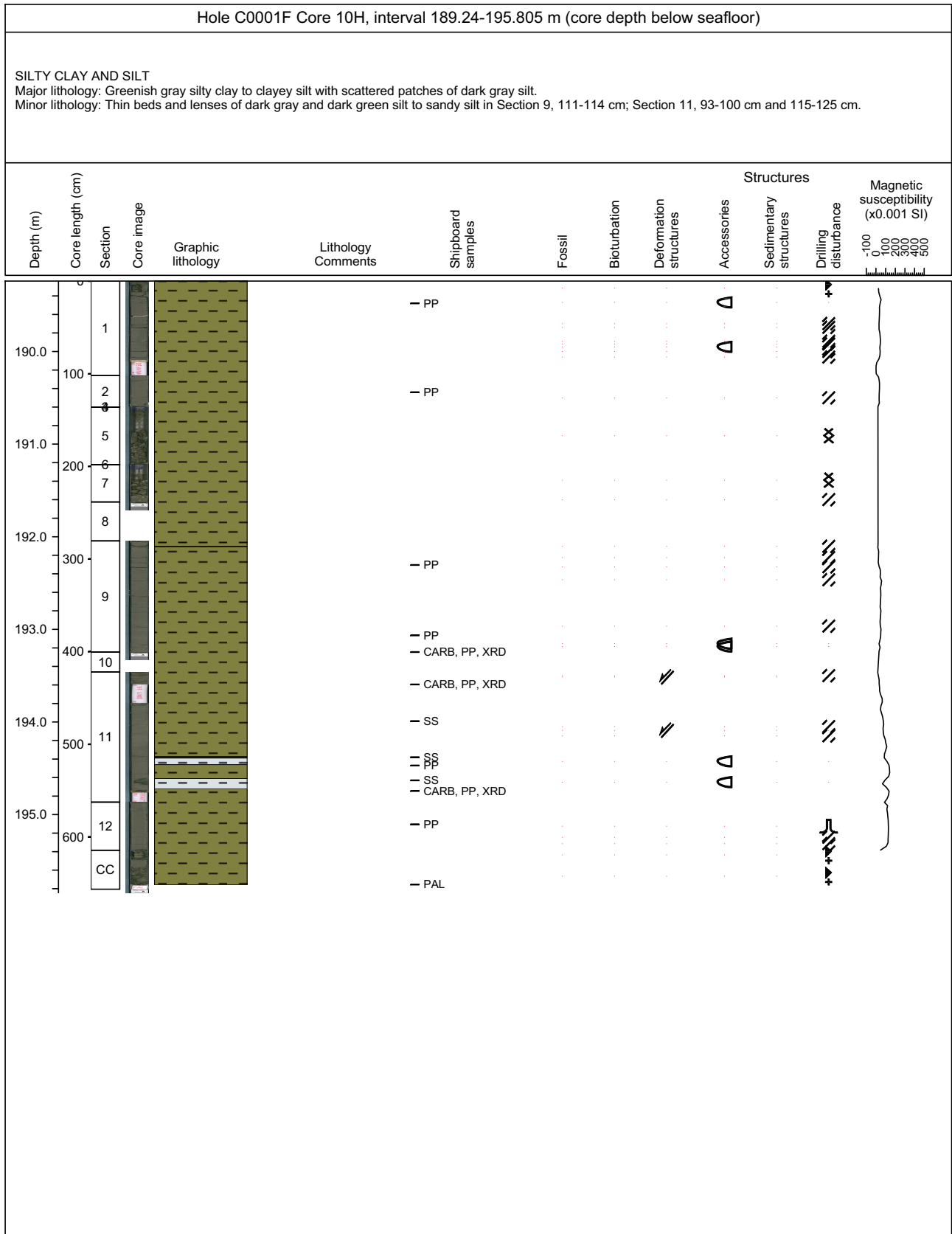
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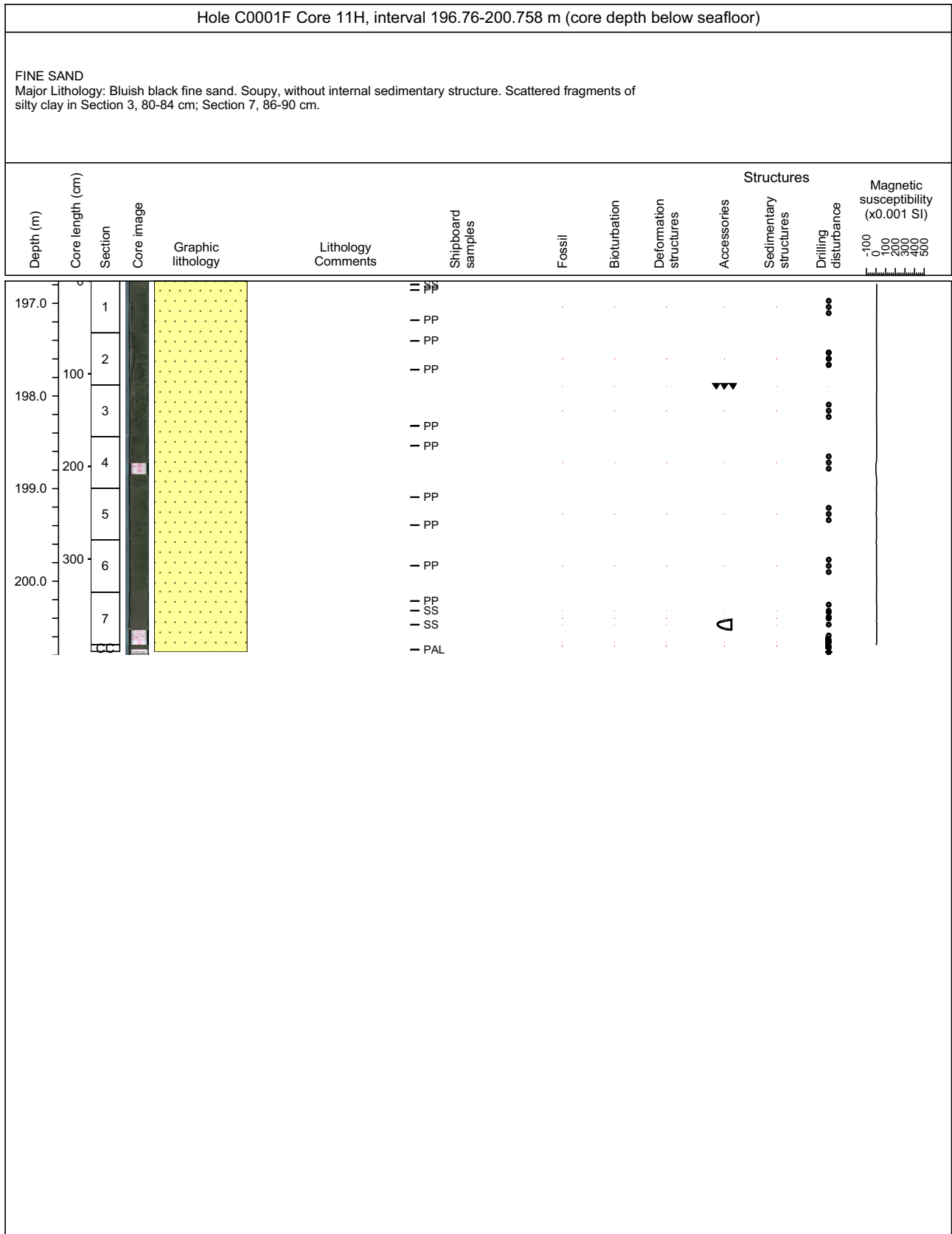
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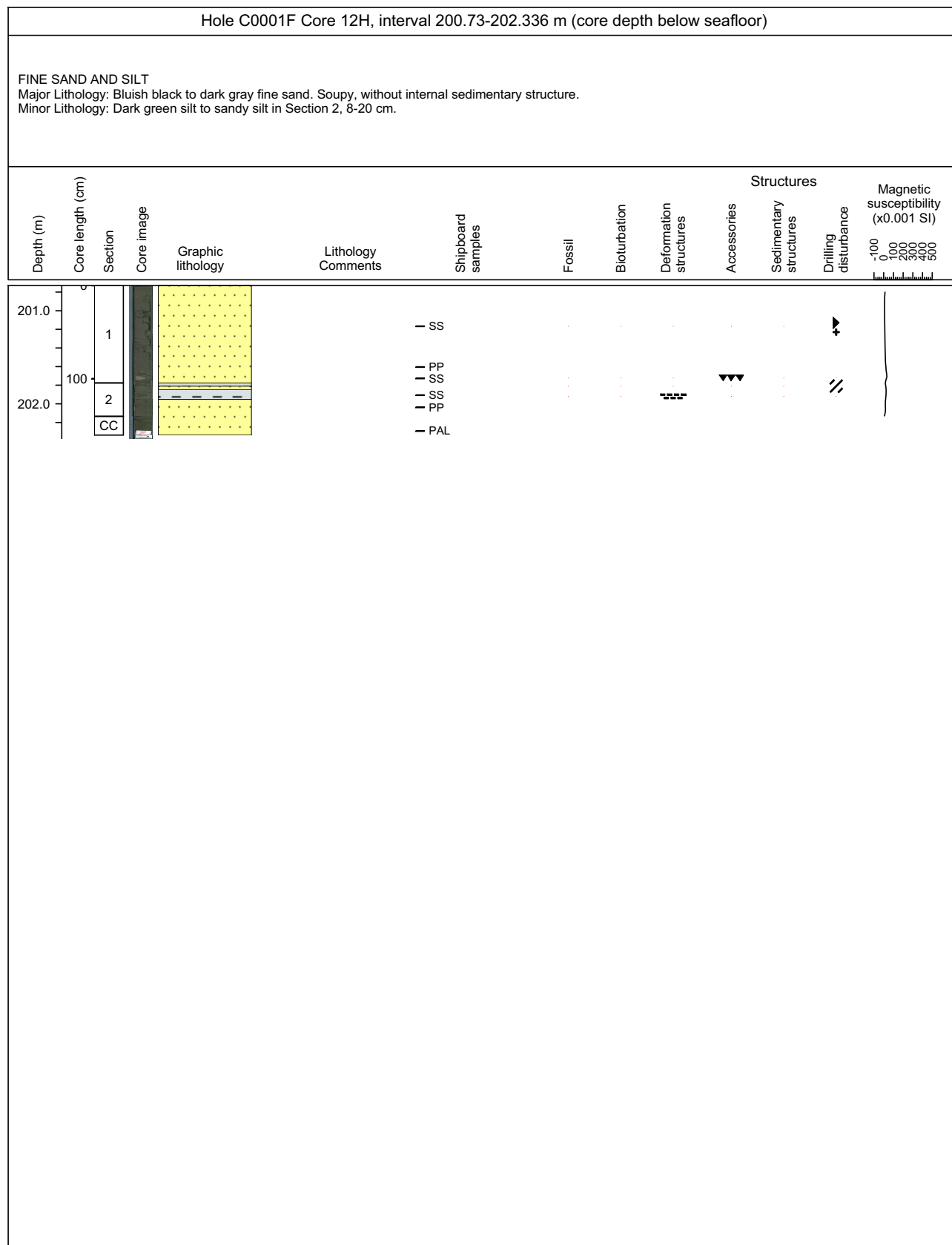
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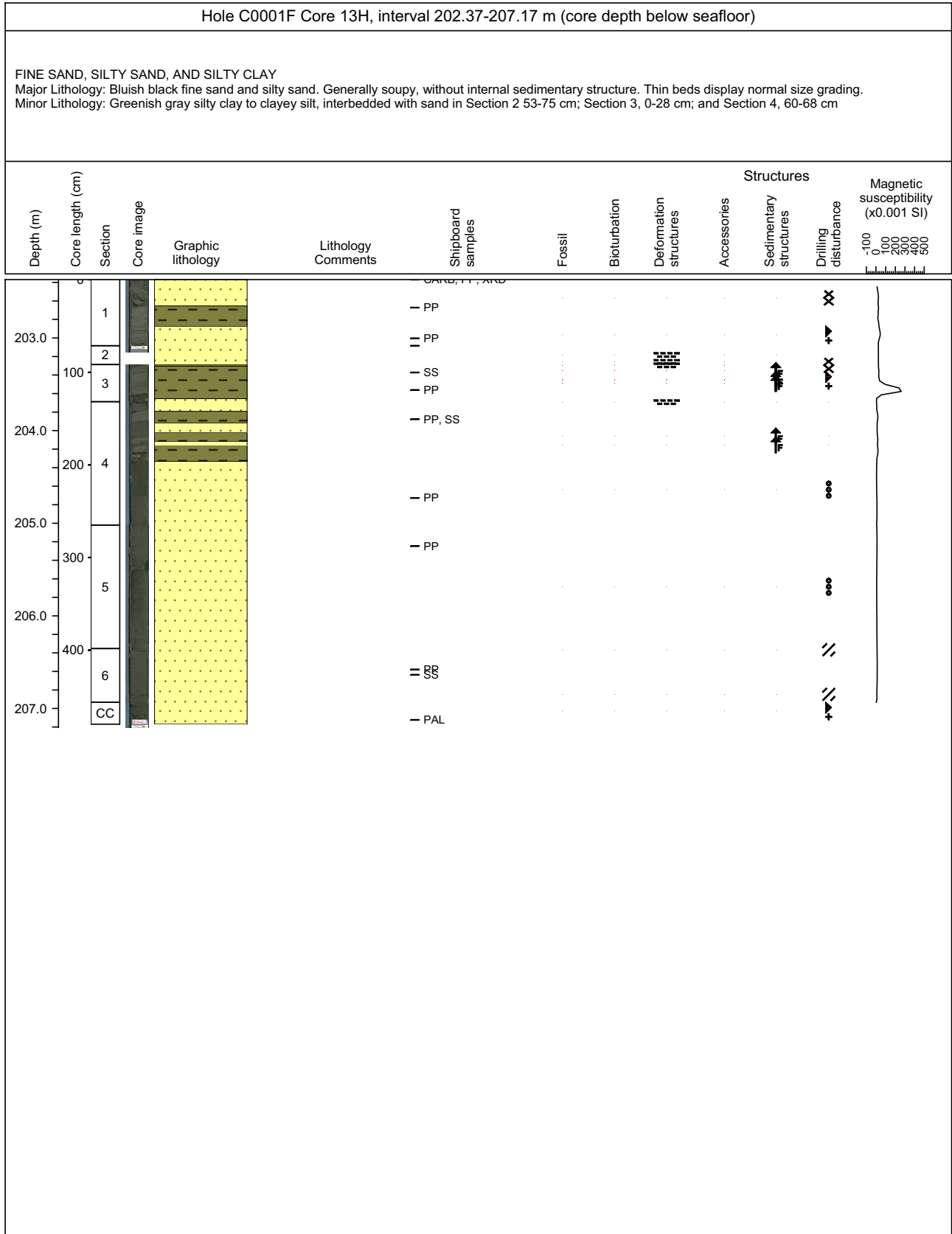
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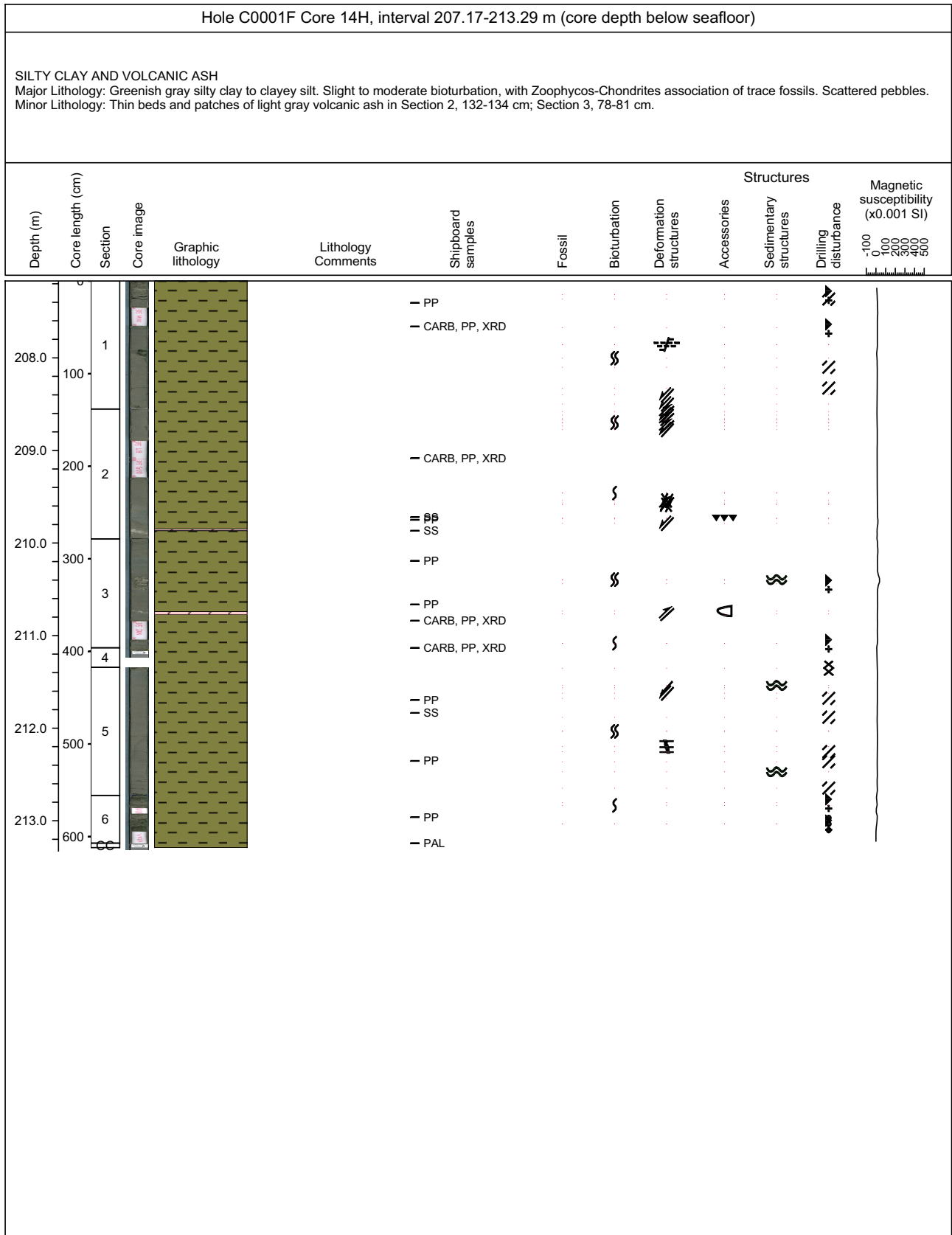
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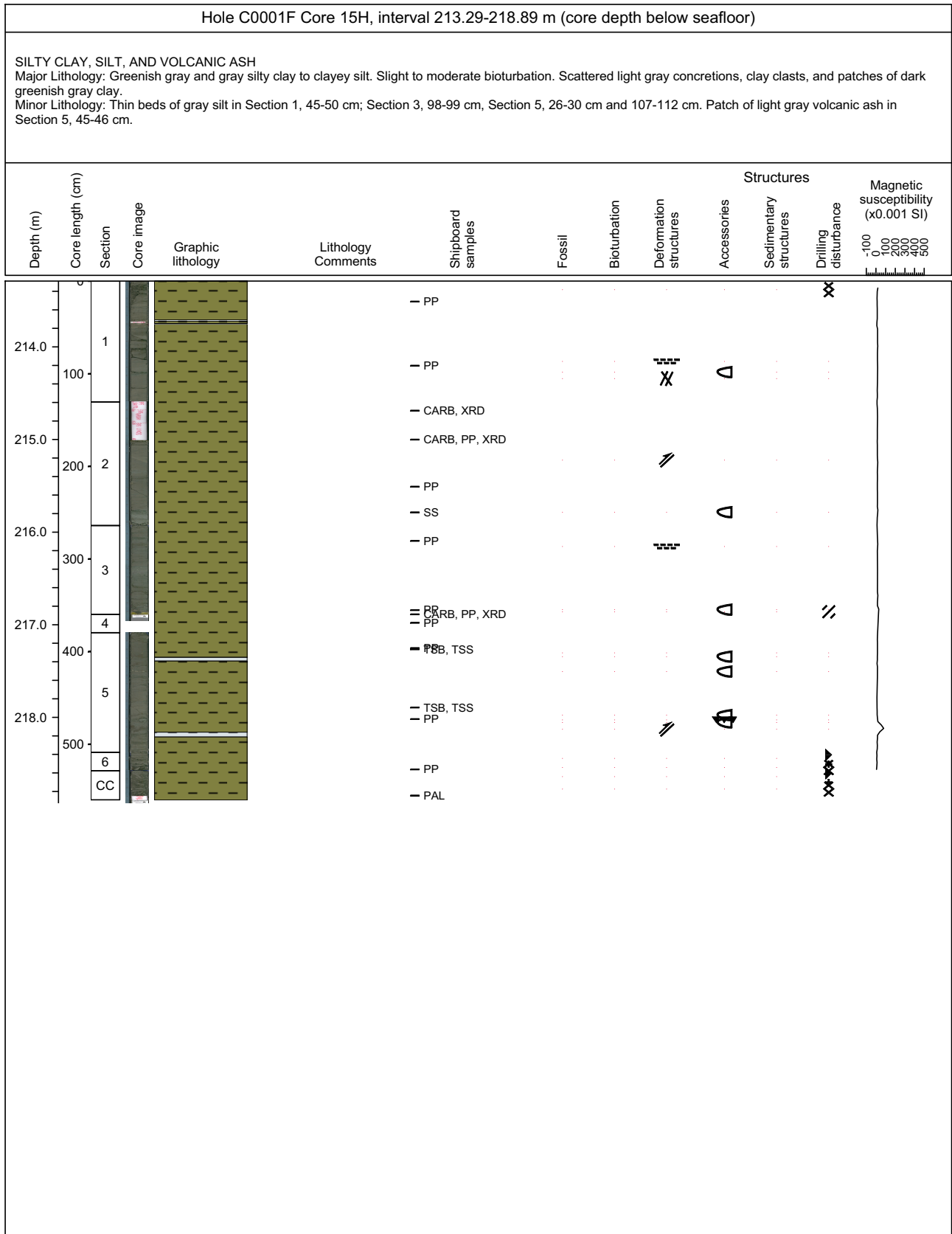
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Core Photo



Core Photo



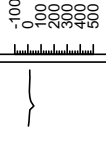


Core Photo

Hole C0001F Core 16H, interval 218.89-219.64 m (core depth below seafloor)												
<p>SILTY CLAY AND SAND Major Lithology: Greenish gray and dark gray silty clay to clayey silt. Sharp boundary between colors in Section 1, 46-49 cm. Minor Lithology: Gray sand with normal size grading to sandy silt in Section 1, 0-19 cm.</p>												
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures	Magnetic susceptibility (x0.001 SI)
219.0	0	1				- PP						
		CC				- PAL						

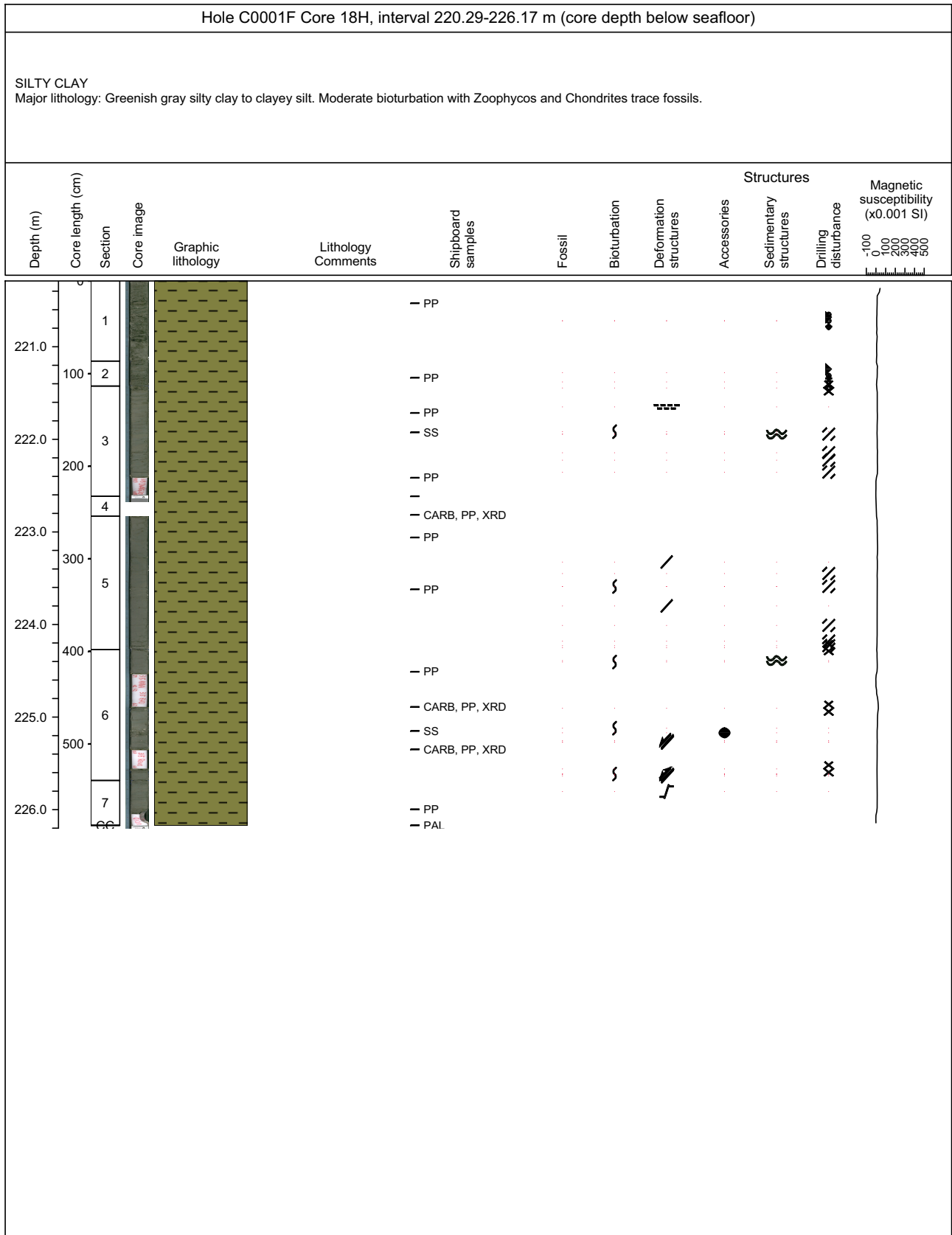


Core Photo

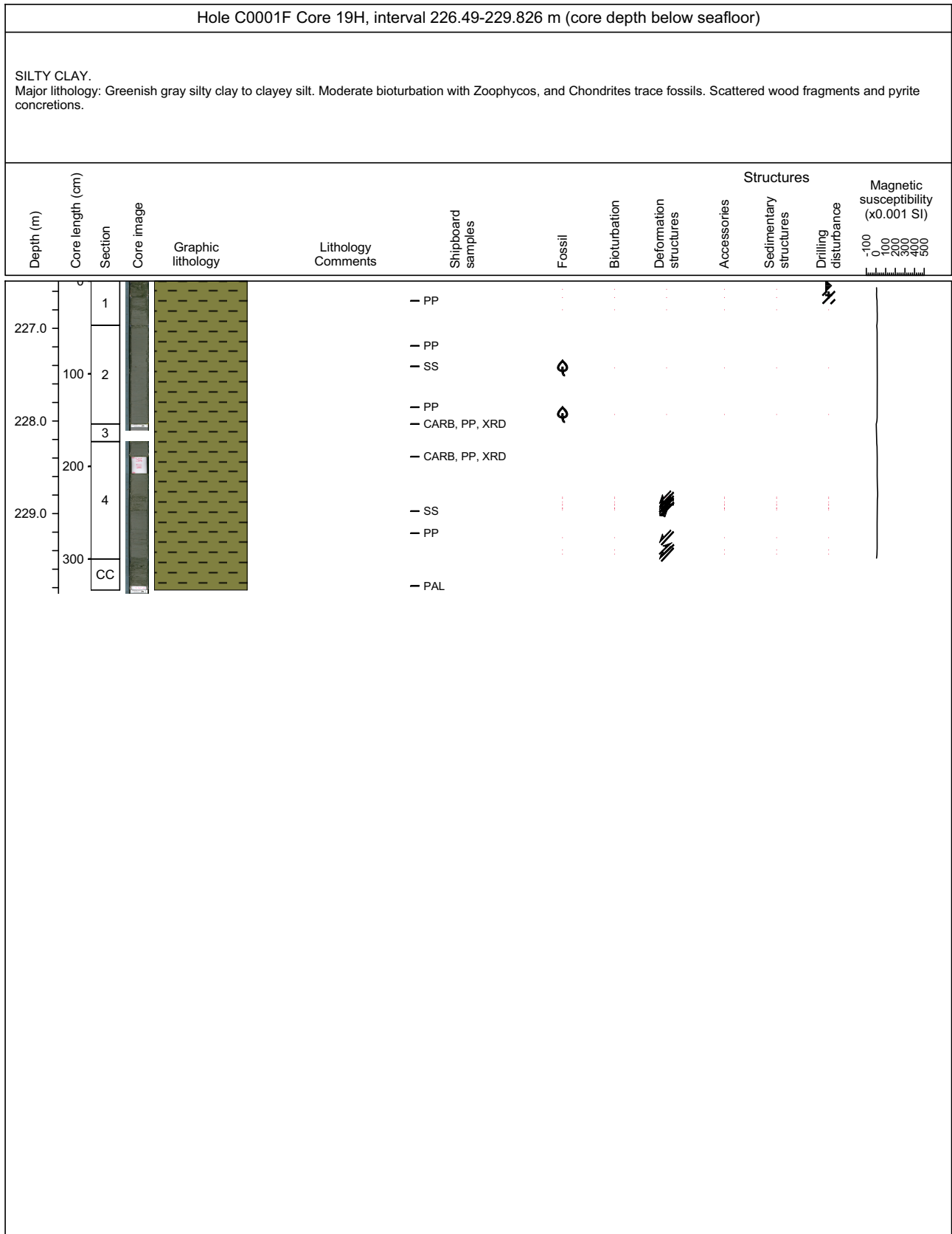
Hole C0001F Core 17H, interval 219.64-220.294 m (core depth below seafloor)												
SILTY CLAY Major Lithology: Greenish gray silty clay to clayey silt with scattered clasts of clay.												
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures	Magnetic susceptibility (x0.001 SI)
220.0	1	CC			— PP — PAL							



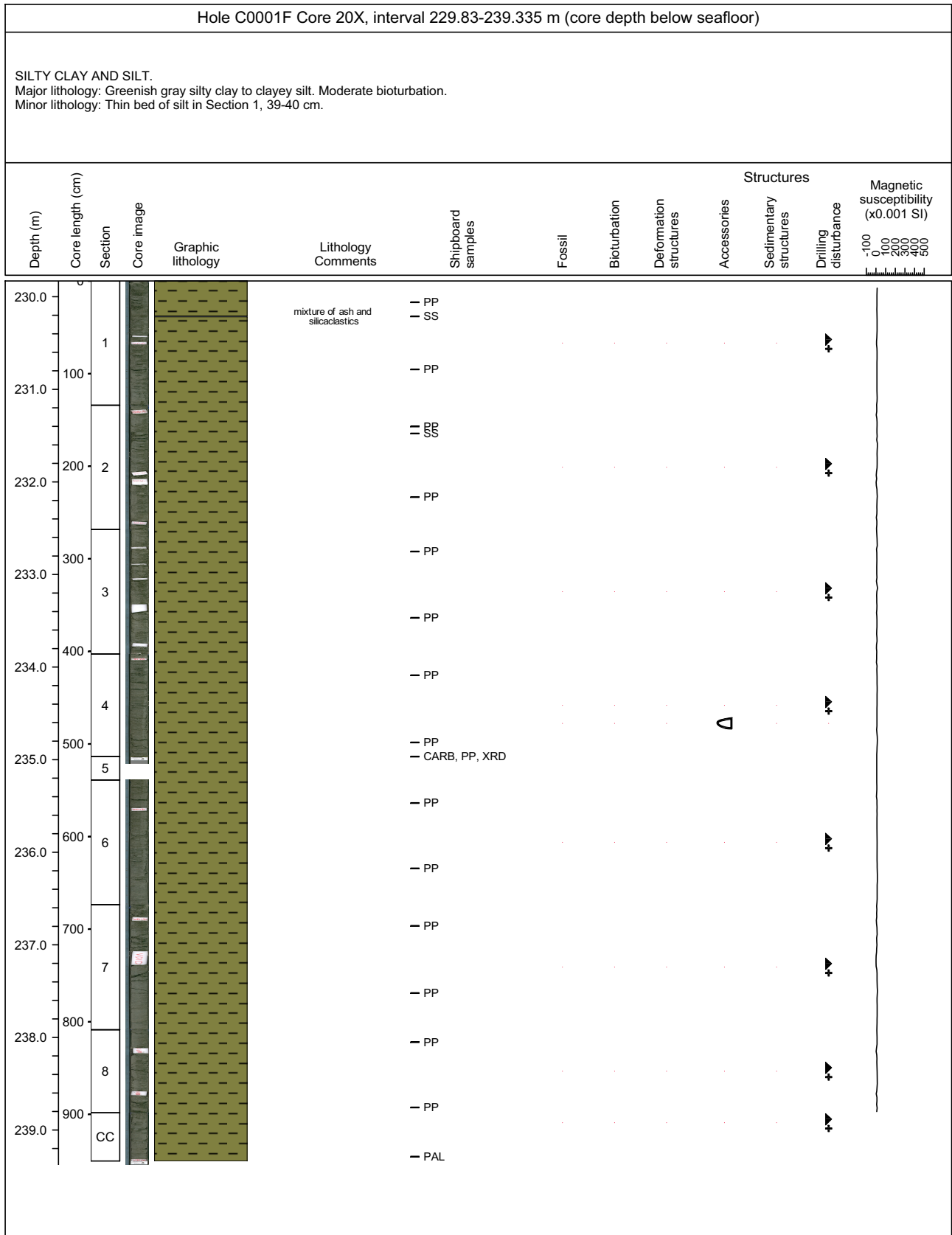
Core Photo



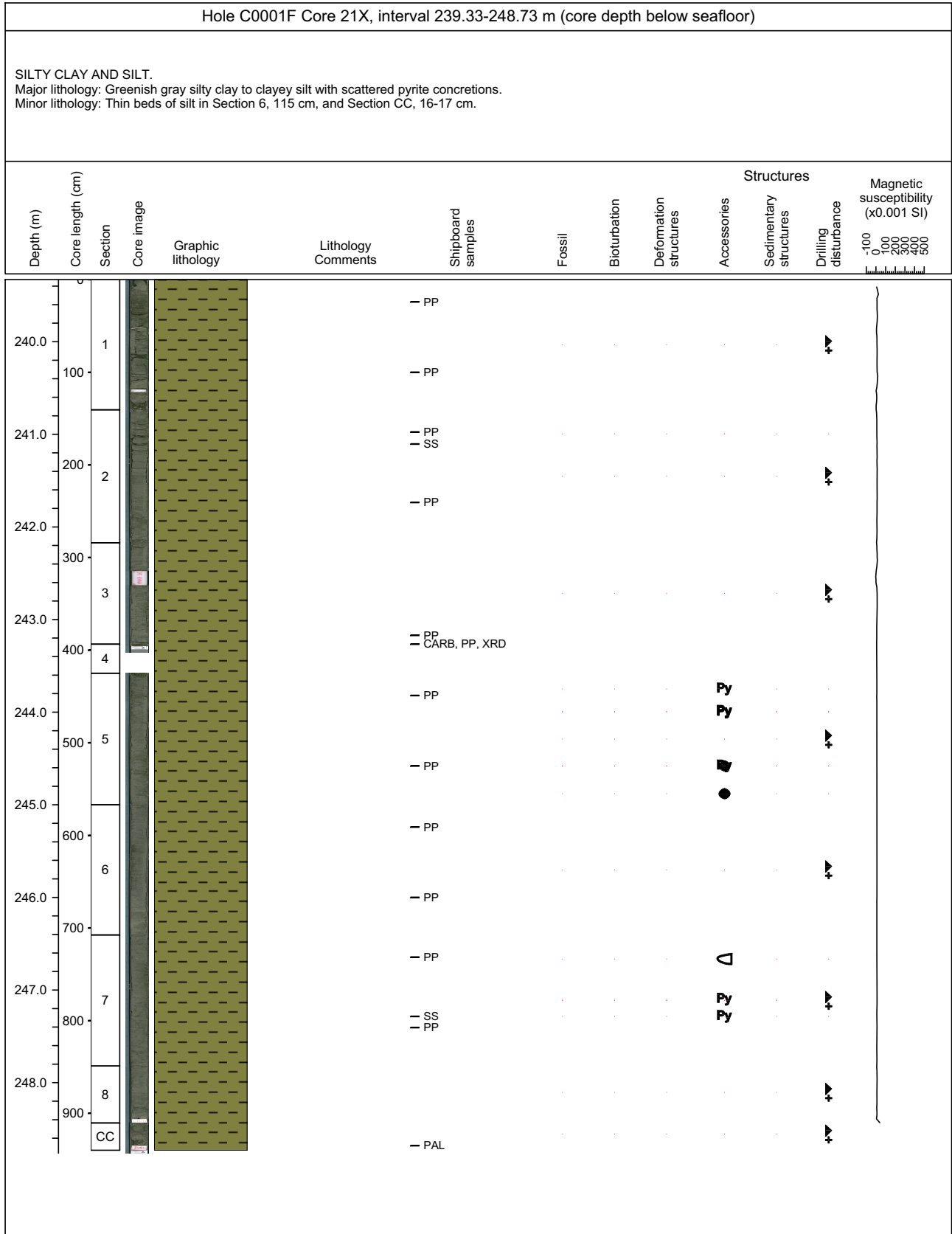
Core Photo



Core Photo



Core Photo

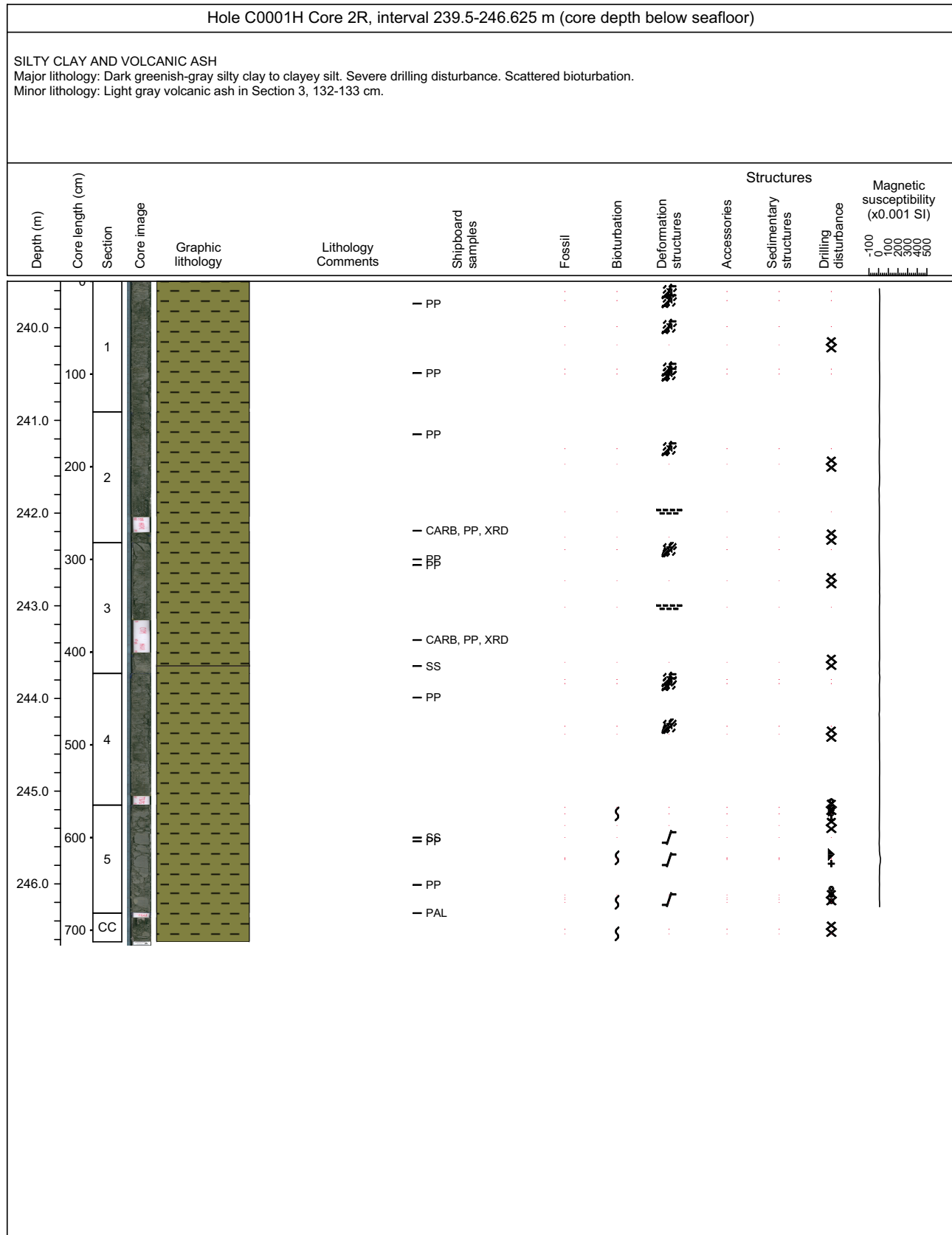


Core Photo

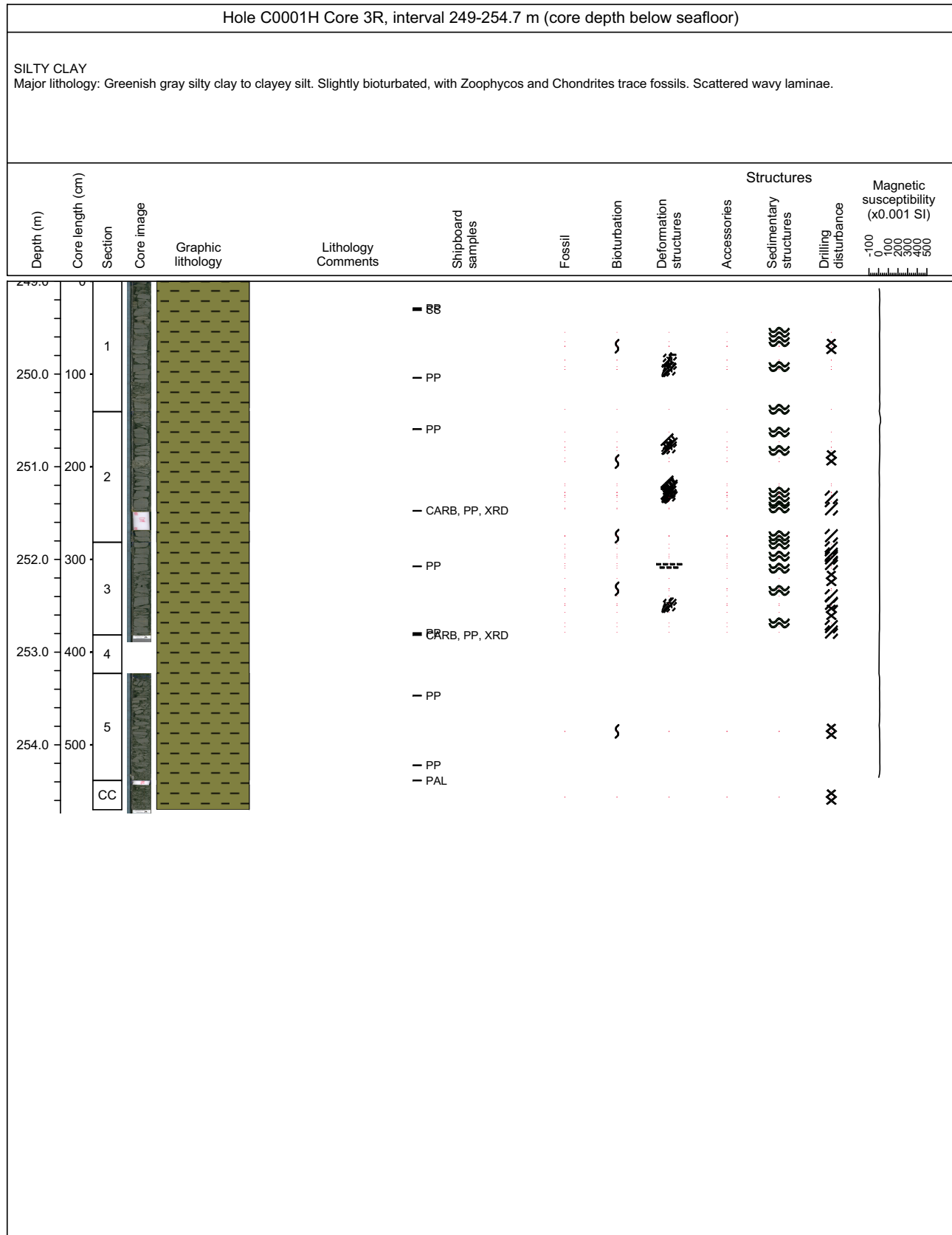
Hole C0001H Core 1R, interval 230-234.265 m (core depth below seafloor)													
SILTY CLAY Major lithology: Dark greenish-gray silty clay to clayey silt. Severe drilling disturbance. No visible sedimentary structures.													
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures Sedimentary structures	Drilling disturbance	Magnetic susceptibility (x0.001 SI)
230.0	0												
231.0	100	1				— PP							
232.0	200	2				— PP						XX	
233.0	300	3				— CARB, PP, XRD							
234.0	400	4				— PP						XX	
		CC				— CARB, PP, XRD						XX	
						— PAL						XX	



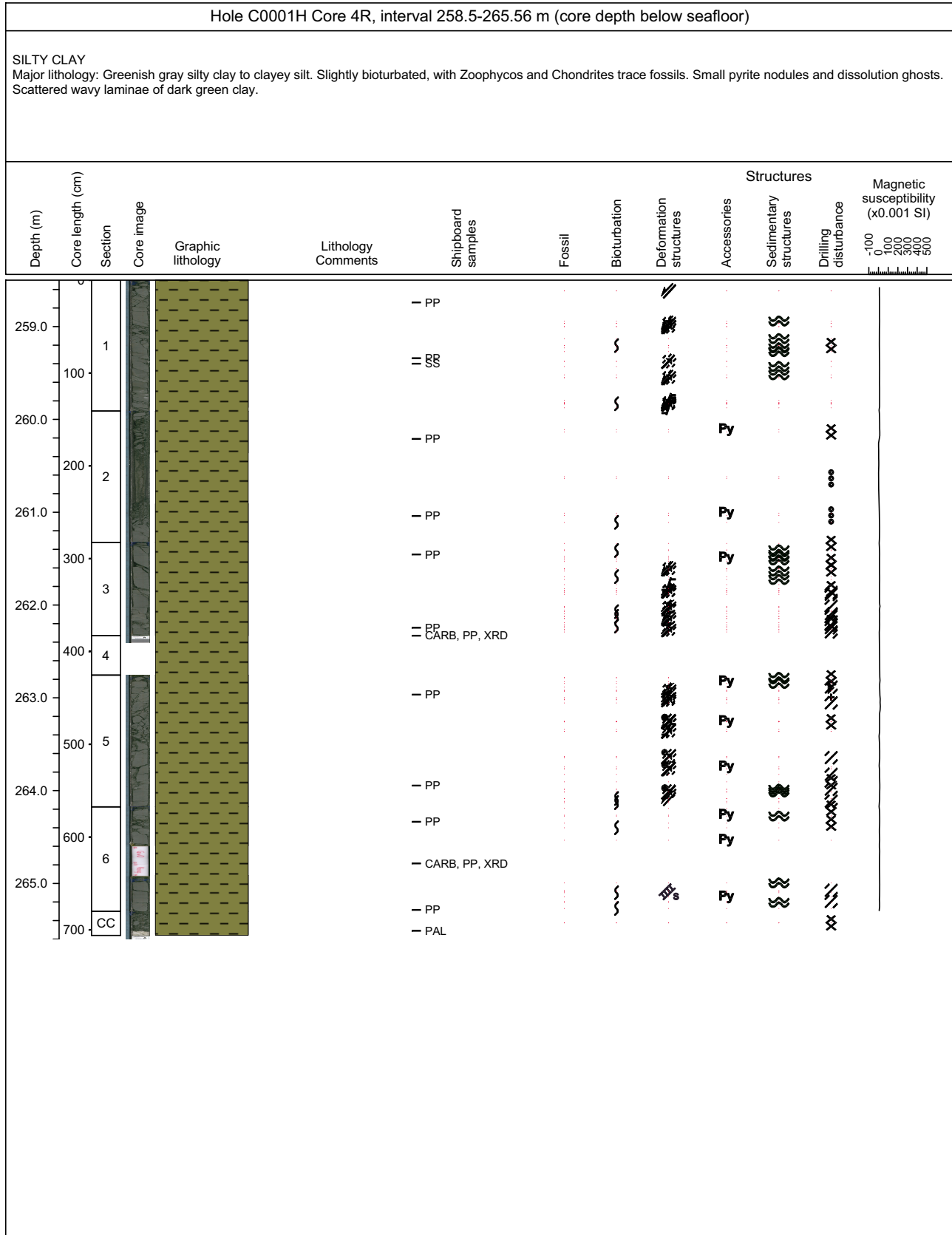
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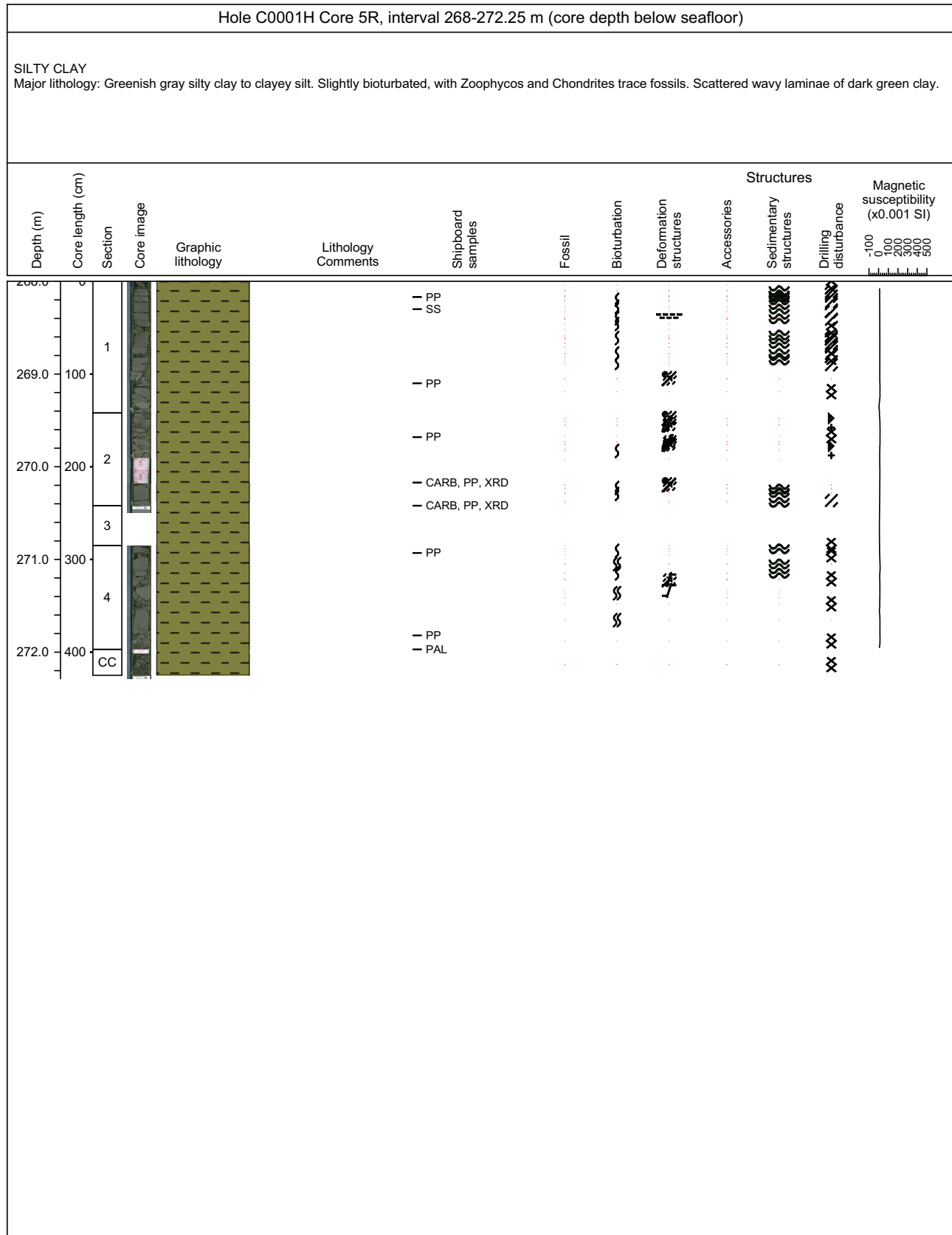
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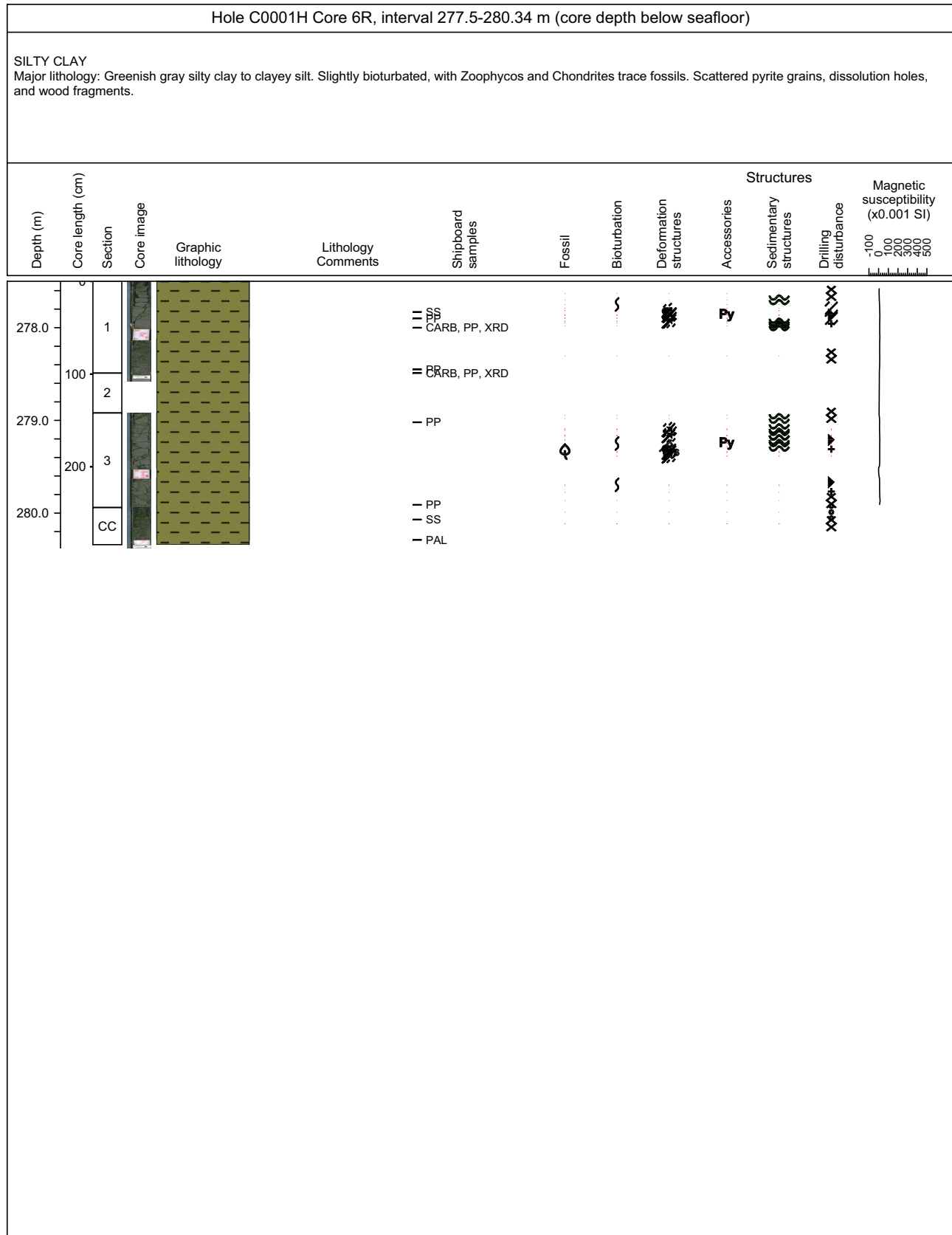
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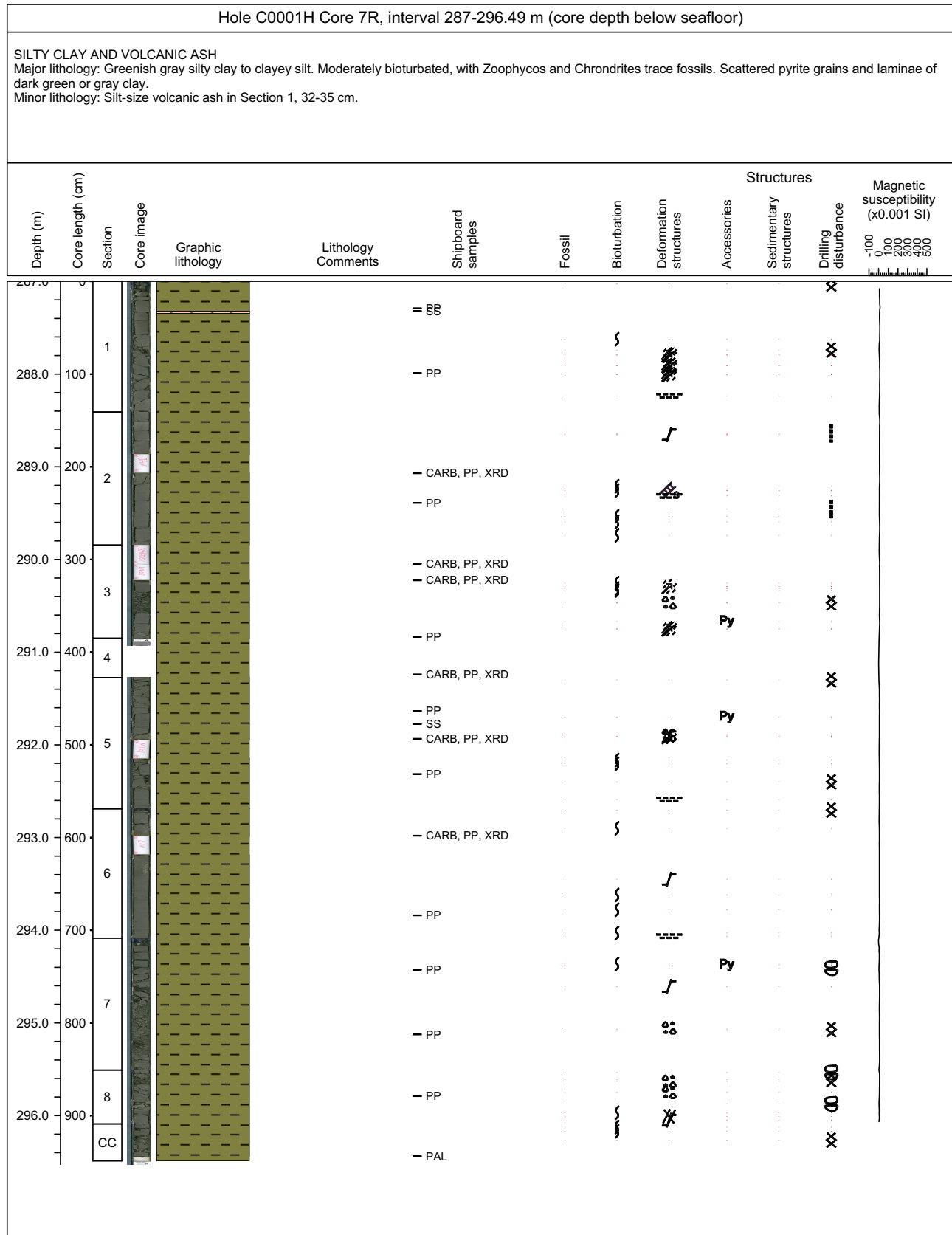
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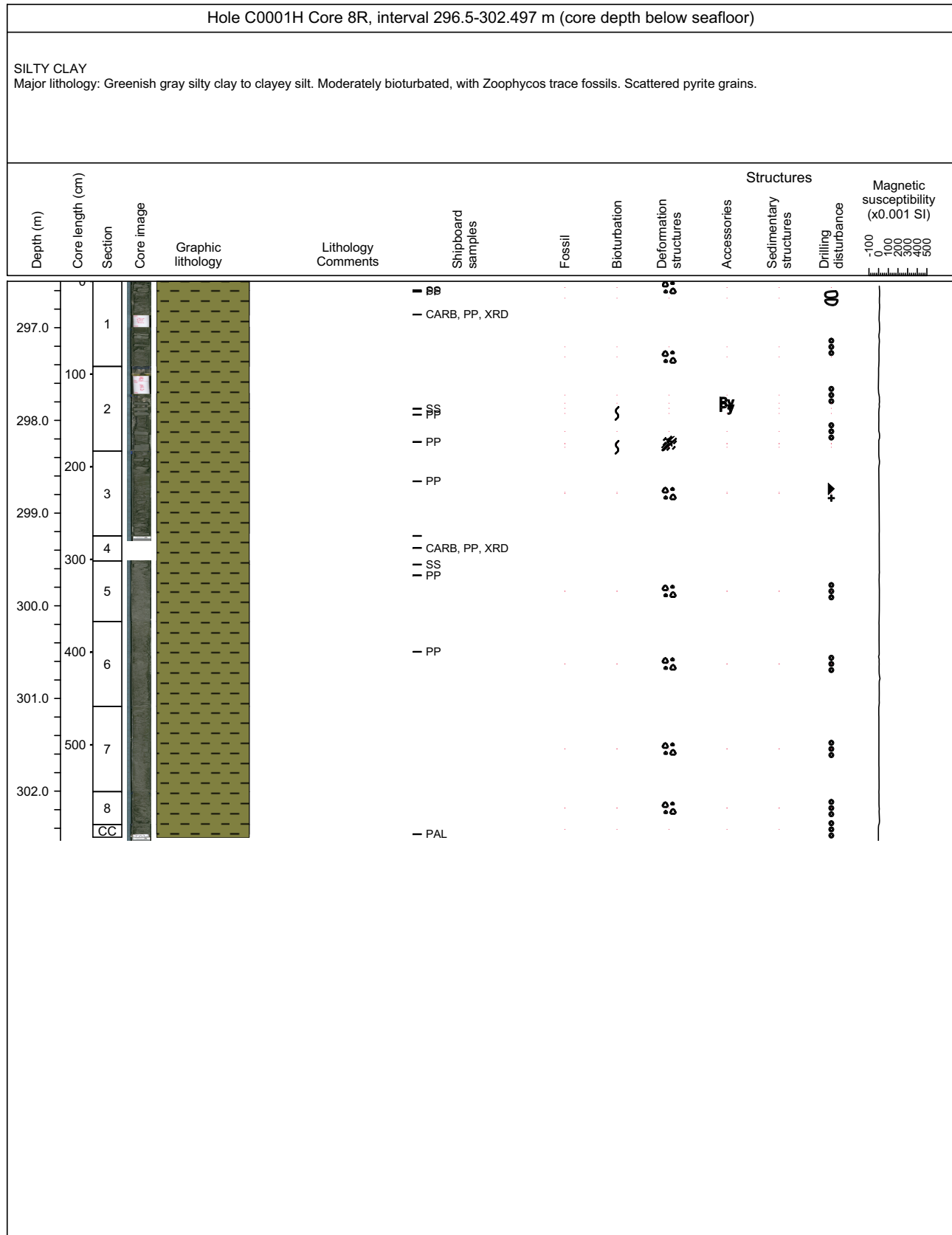
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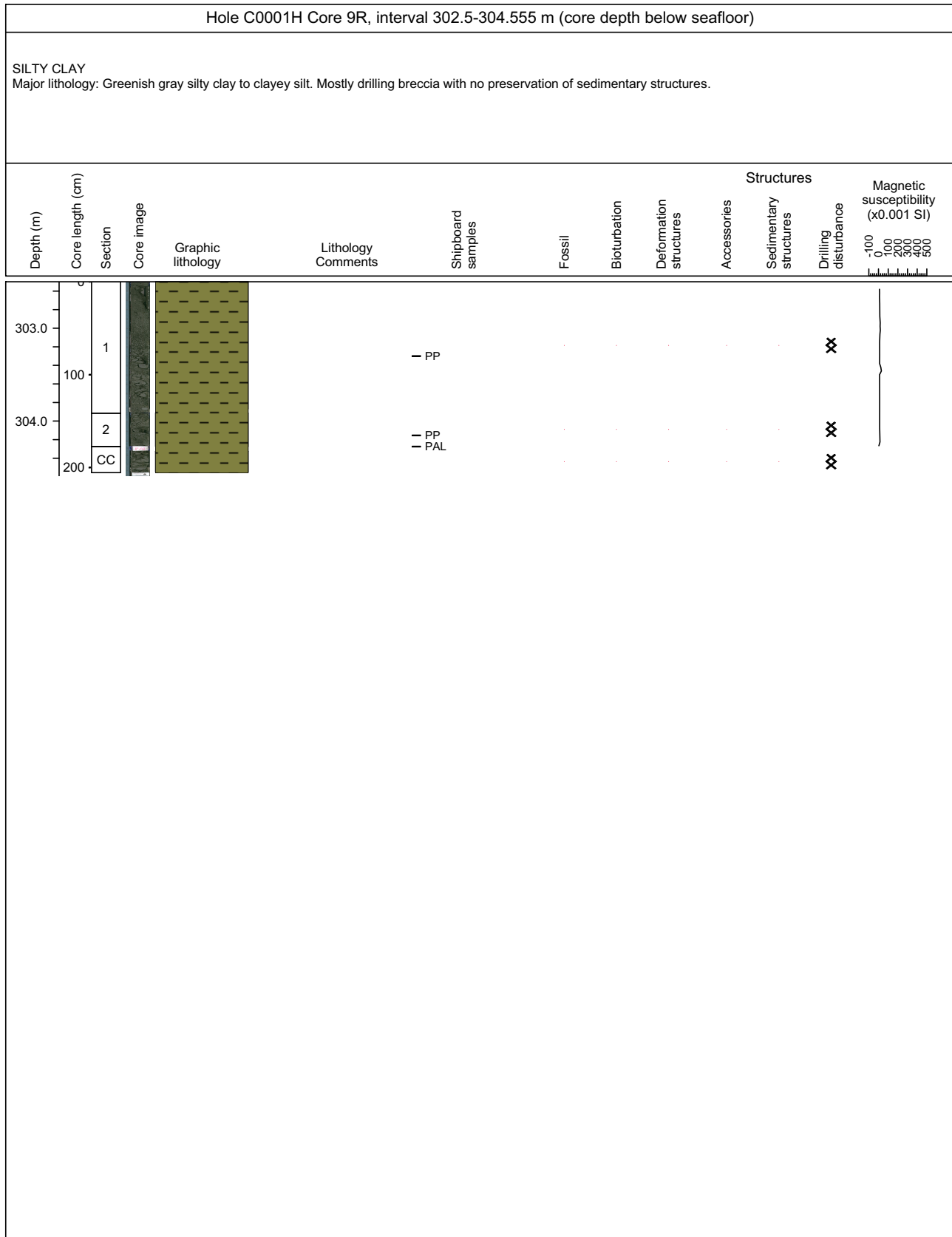
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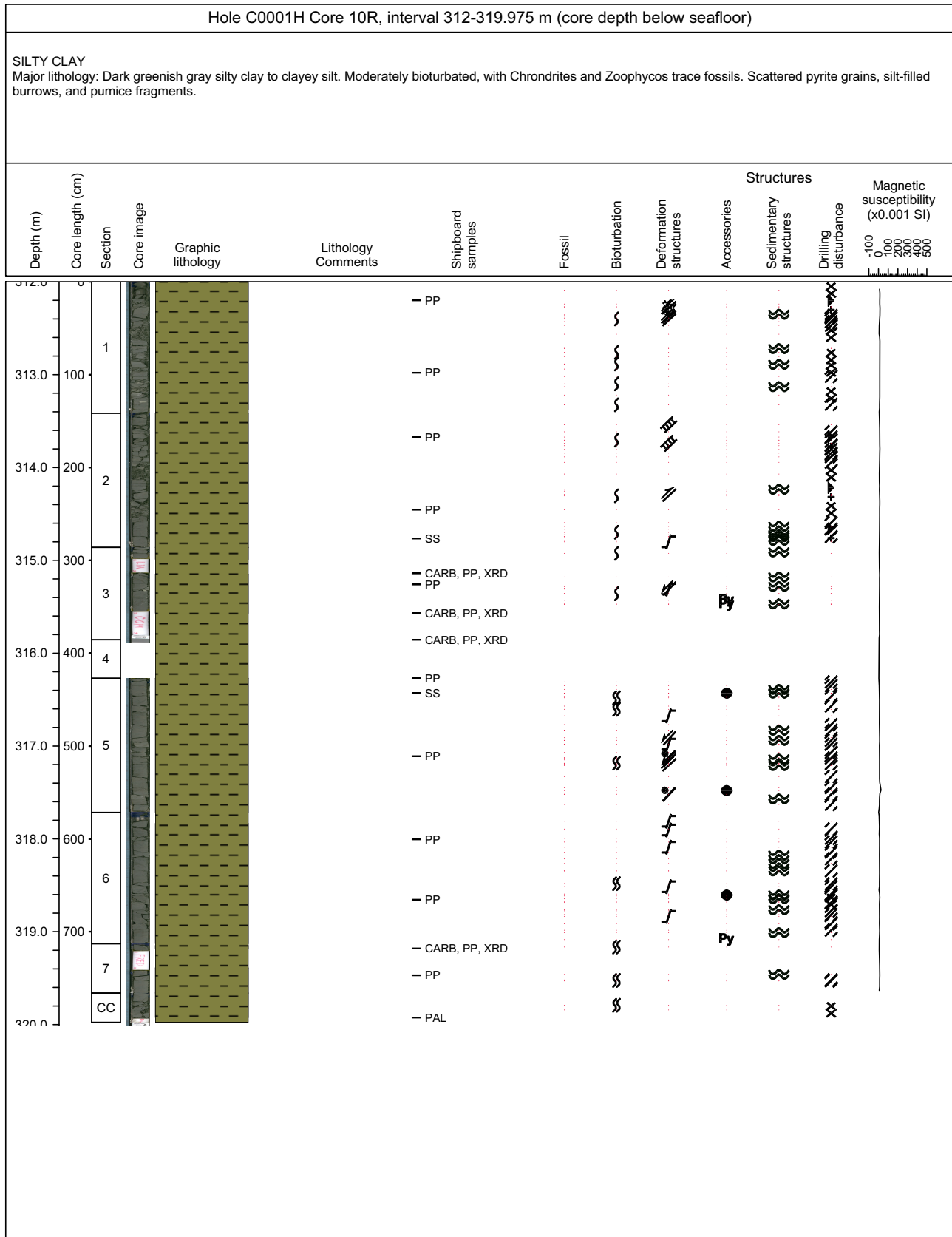
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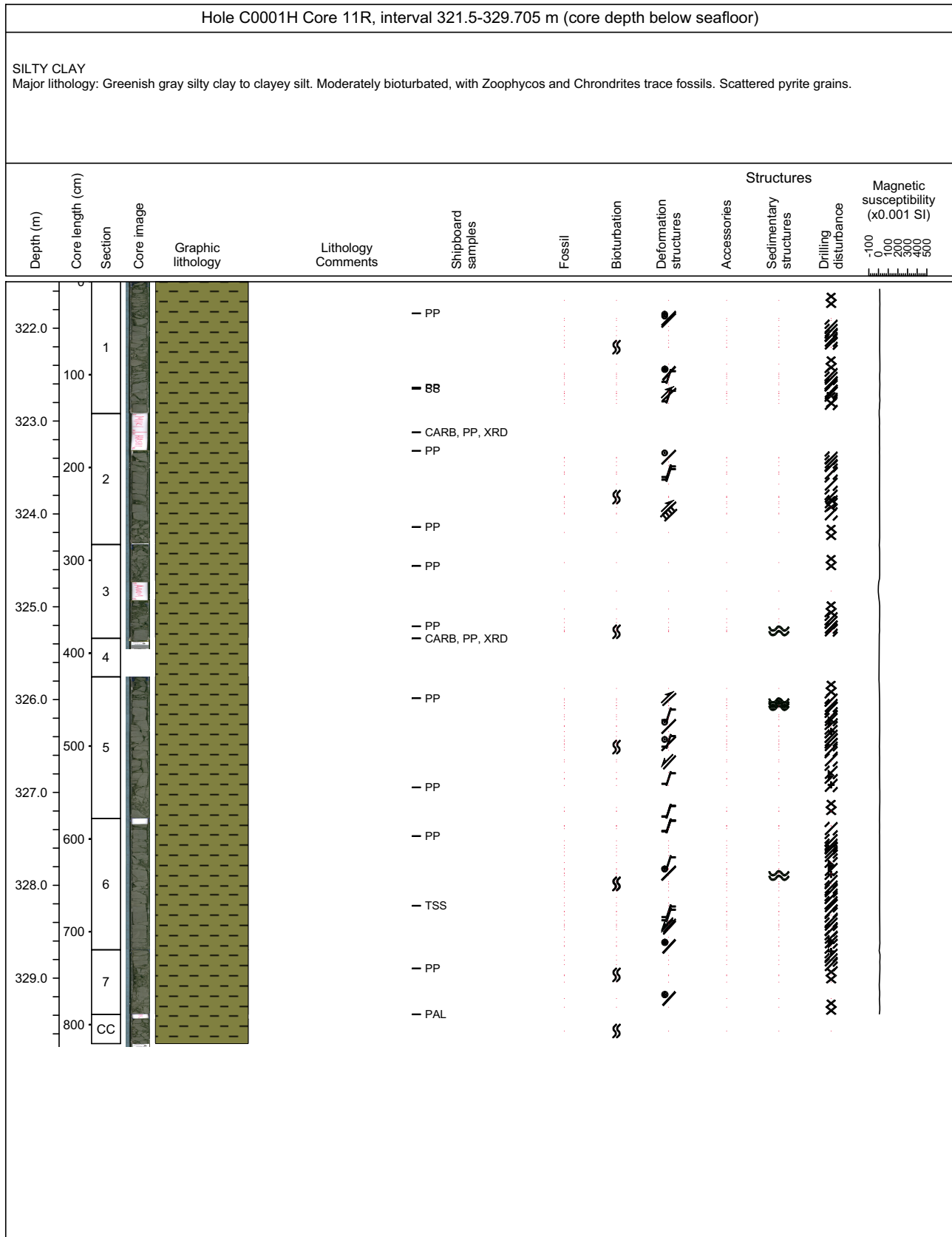
Core Photo



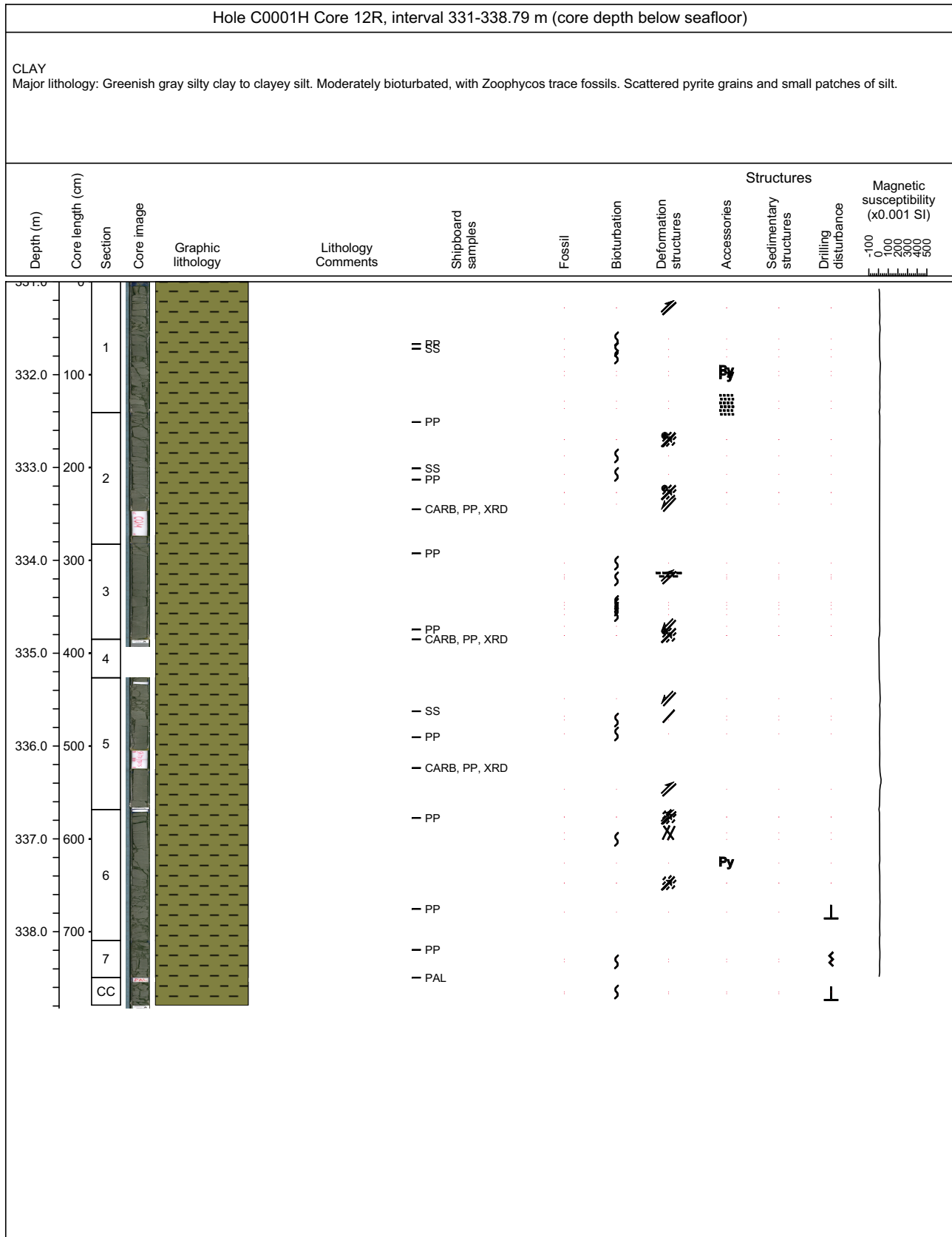
Core Photo



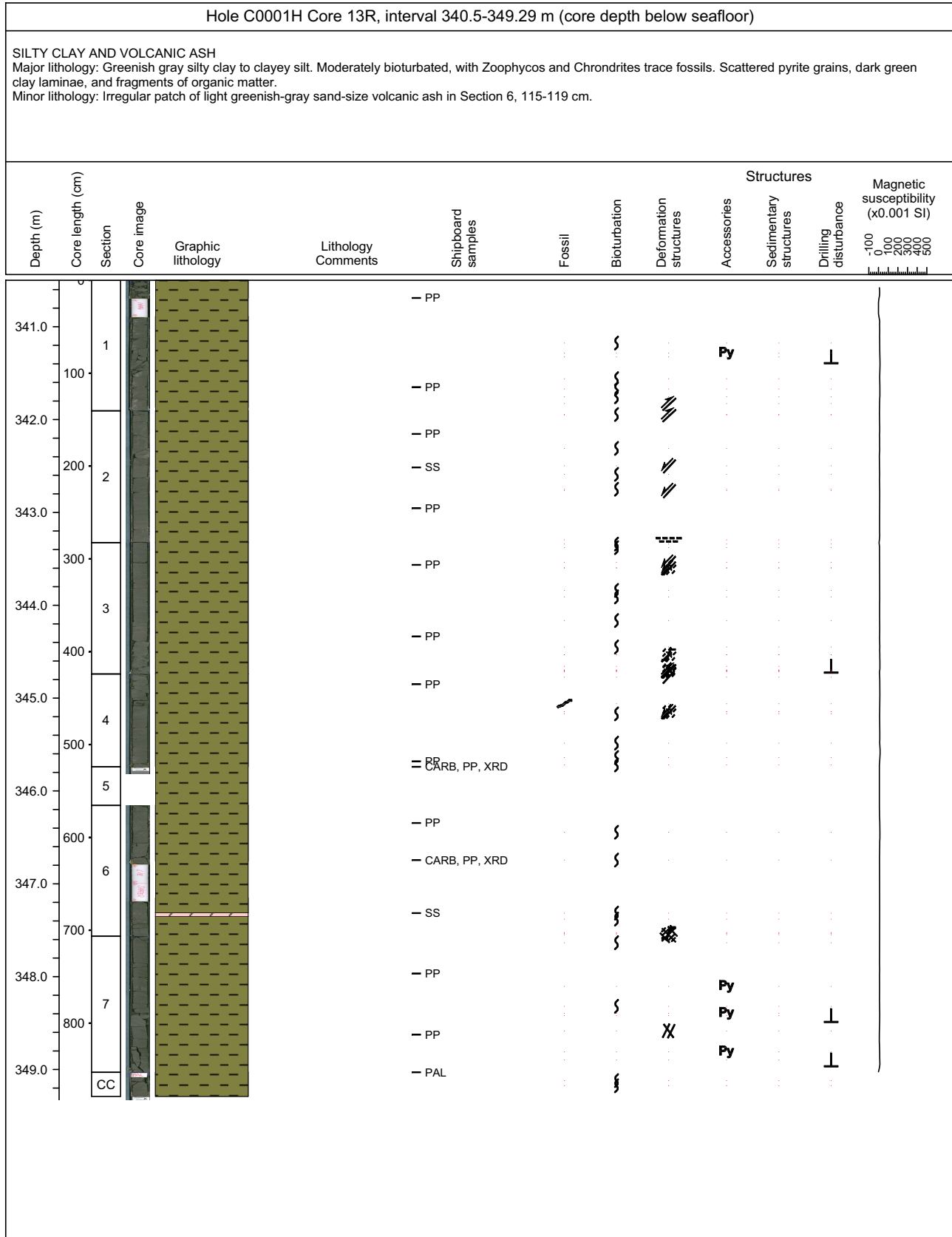
Core Photo



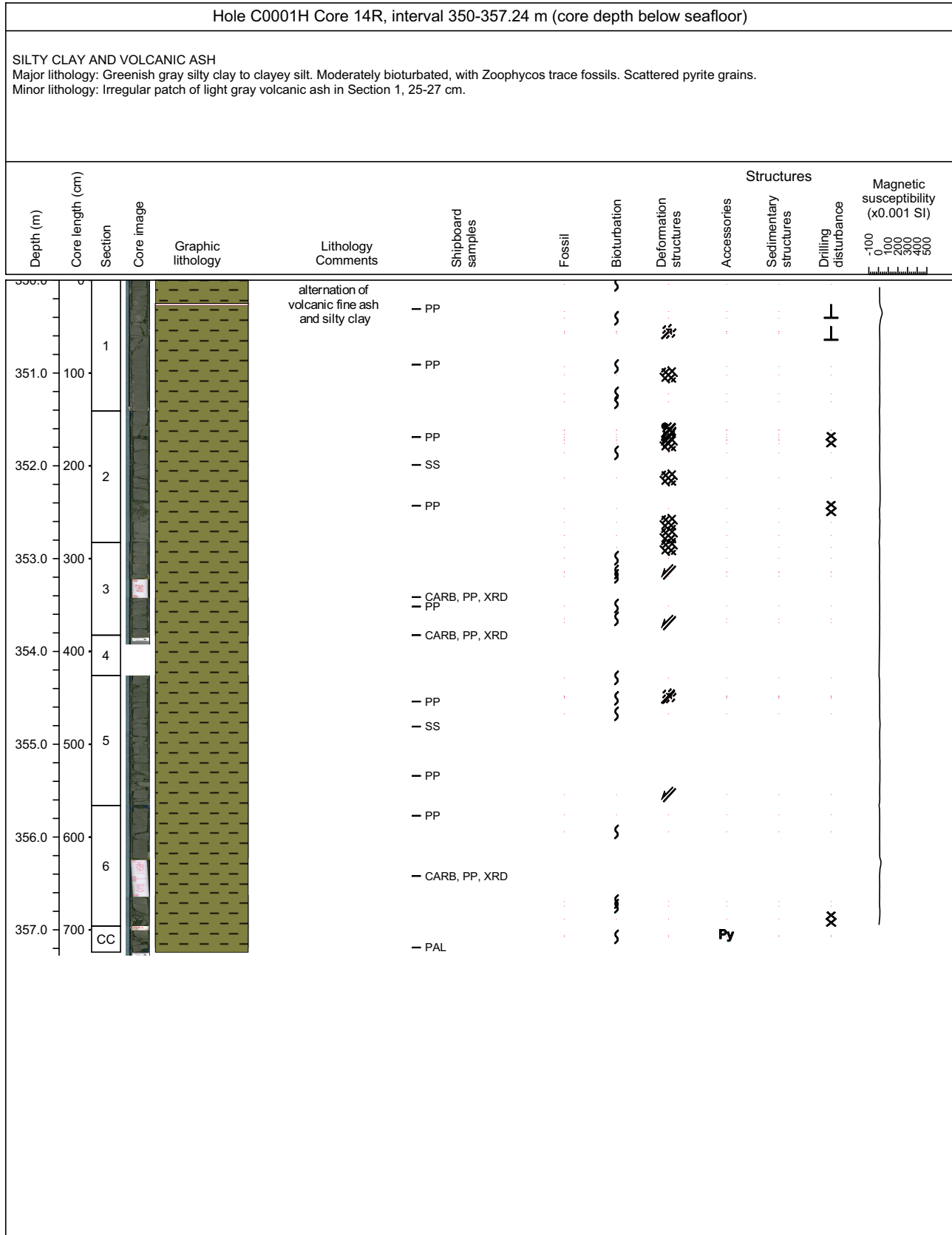
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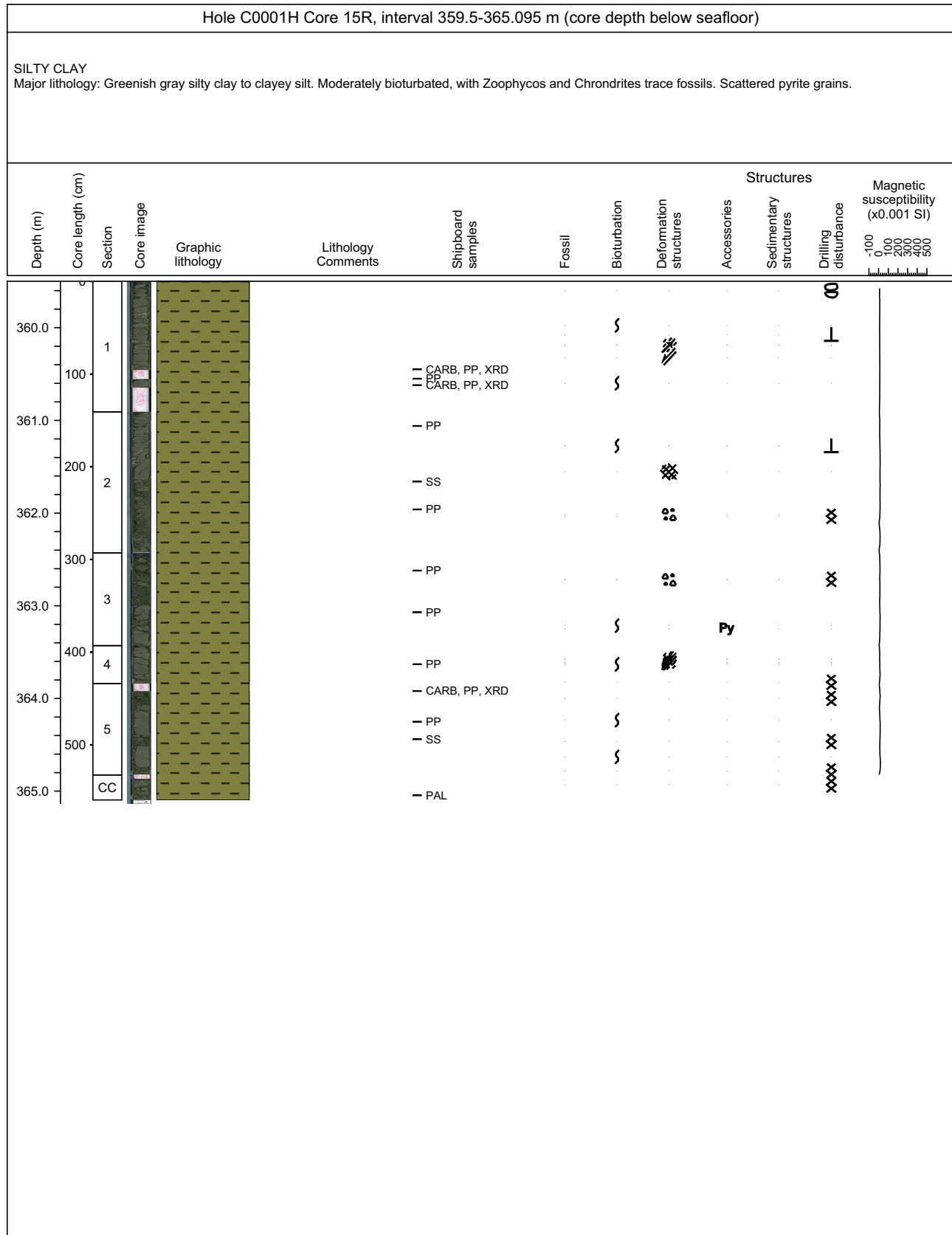
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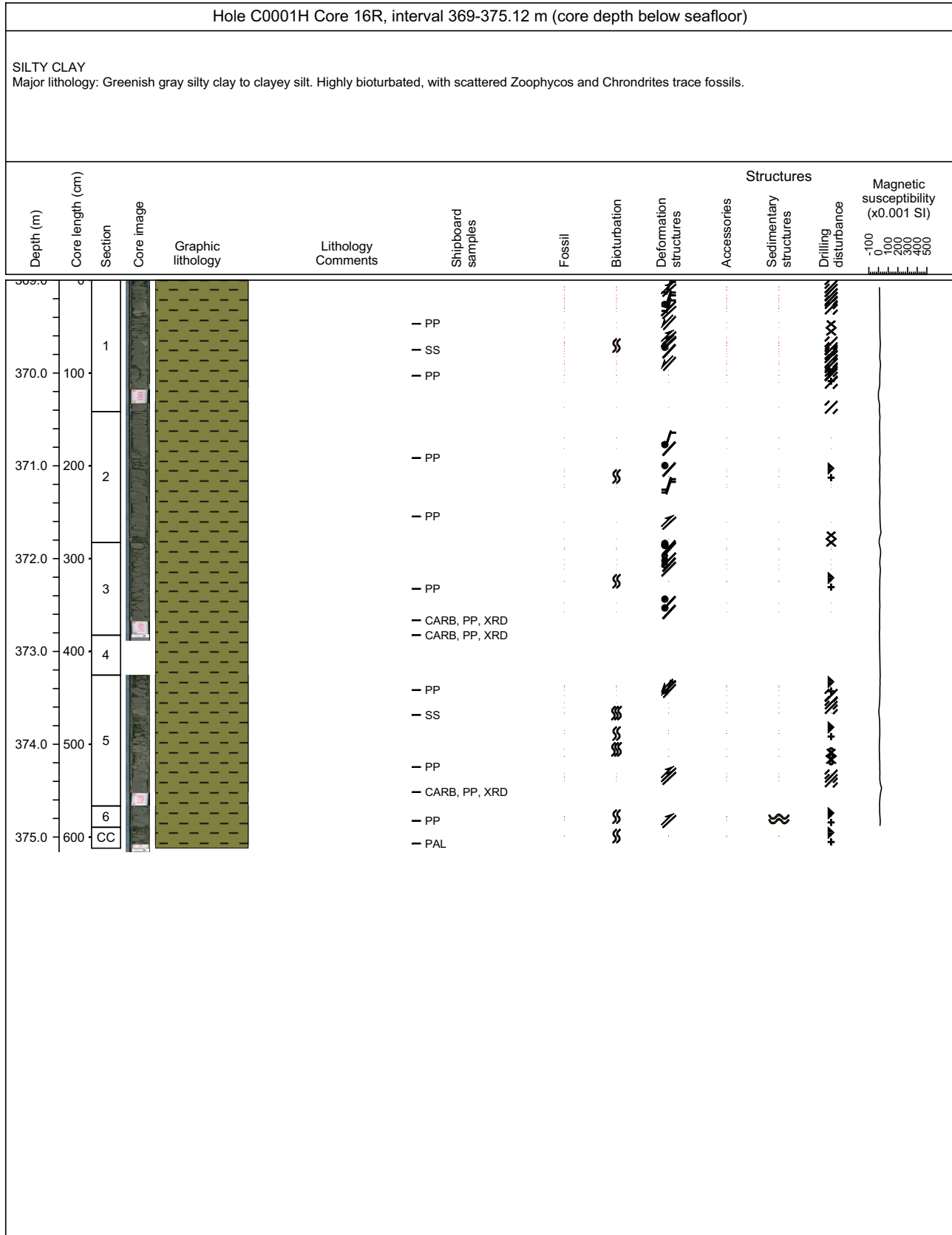
Core Photo






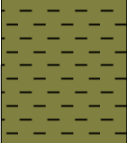


Core Photo



Core Photo

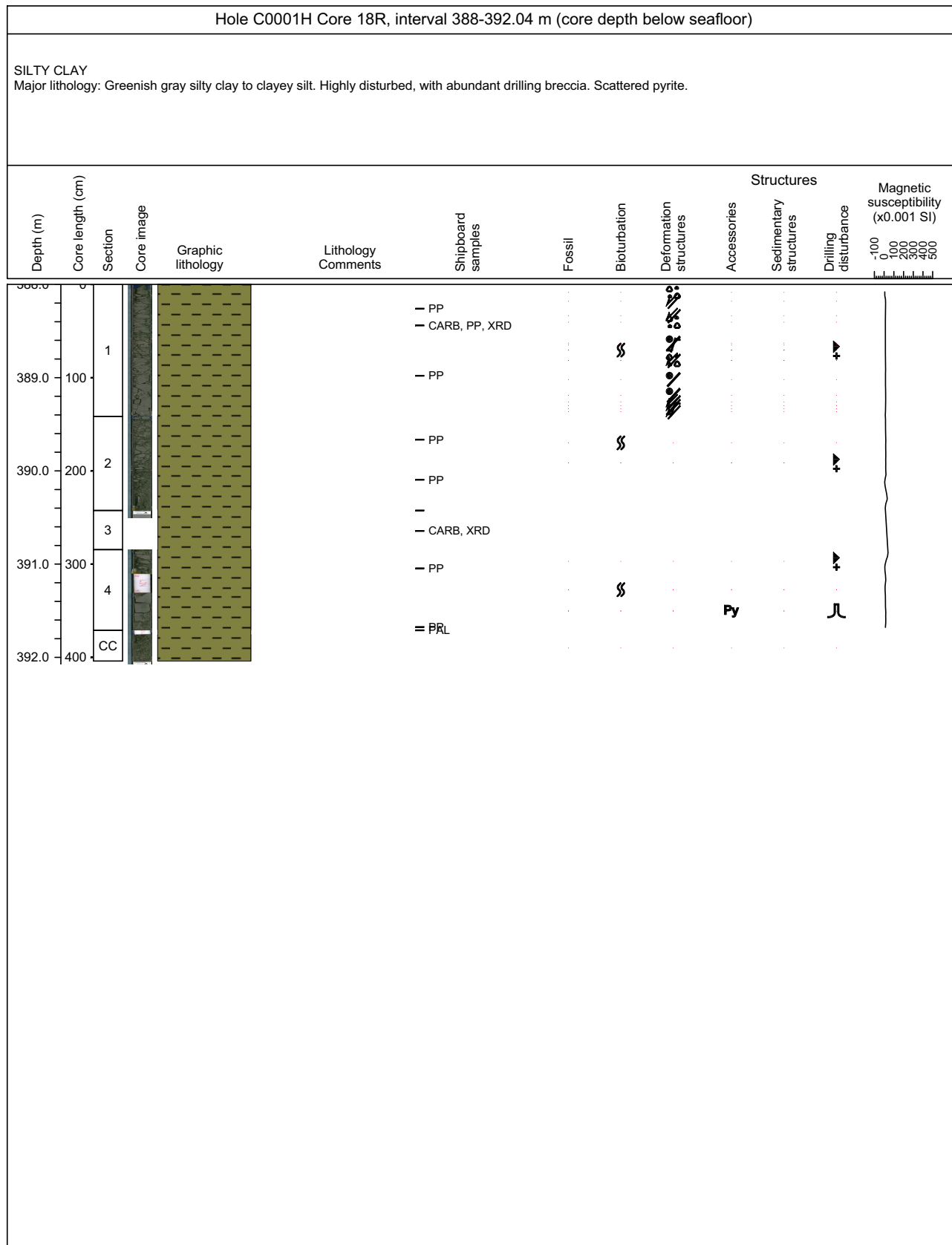


Core Photo

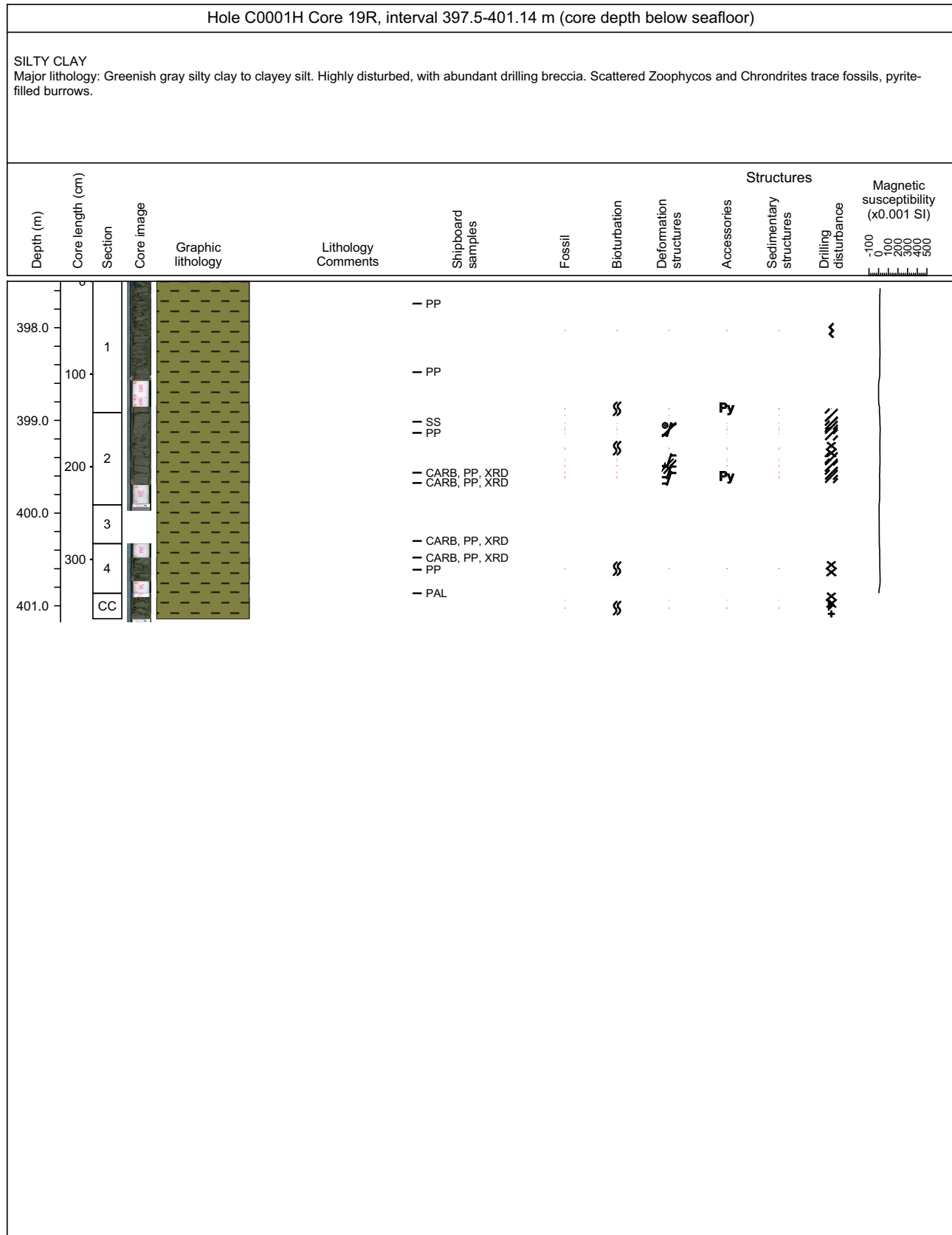
Hole C0001H Core 17R, interval 378.5-381.035 m (core depth below seafloor)													
SILTY CLAY Major lithology: Greenish gray silty clay to clayey silt.													
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures Sedimentary structures	Drilling disturbance	Magnetic susceptibility (x0.001 SI)
379.0	100	1			- PP							✘	
380.0	200	2			- PP							✘	
381.0	CC				- CARB, PP, XRD - PAL							✘	






Core Photo



Core Photo

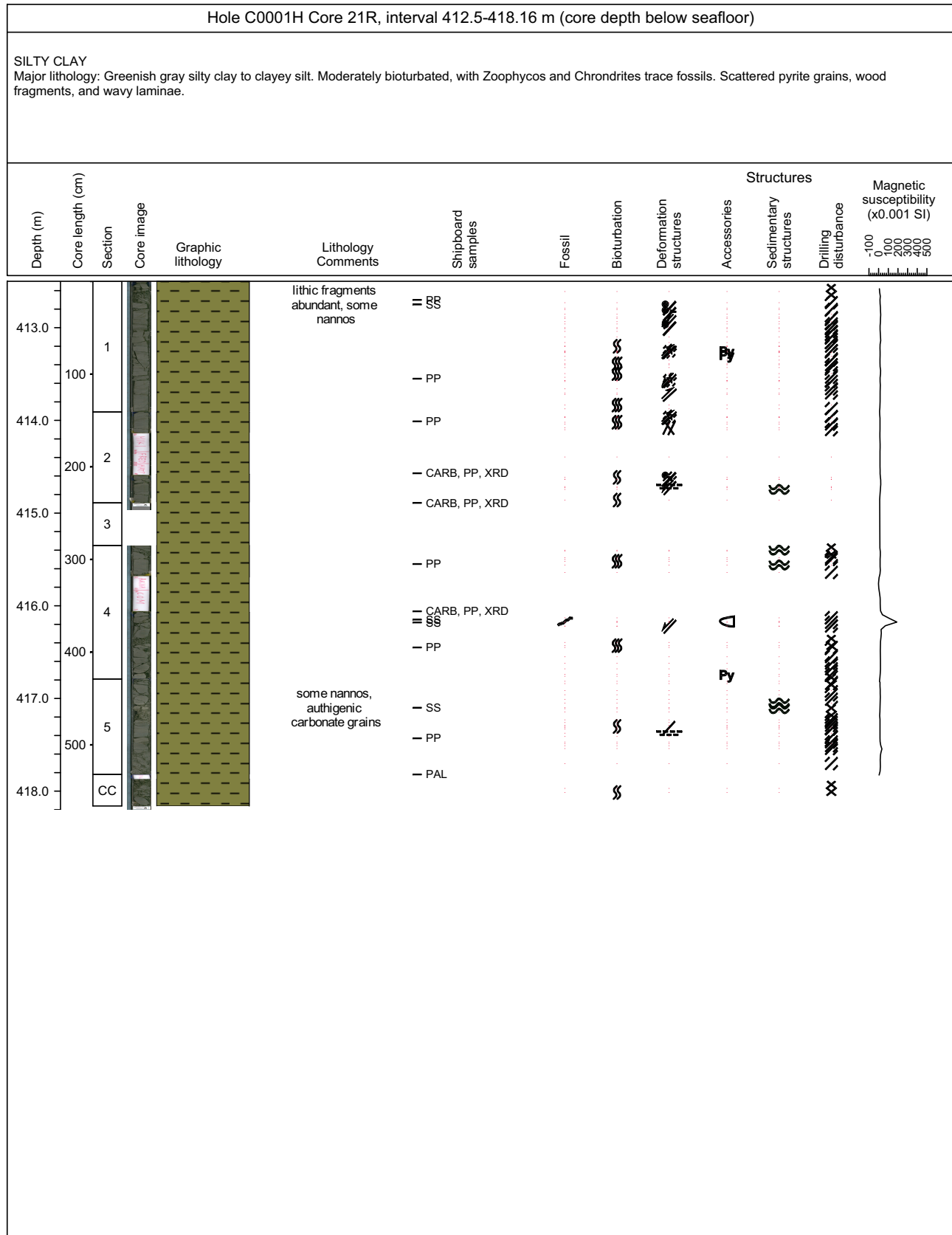


Core Photo

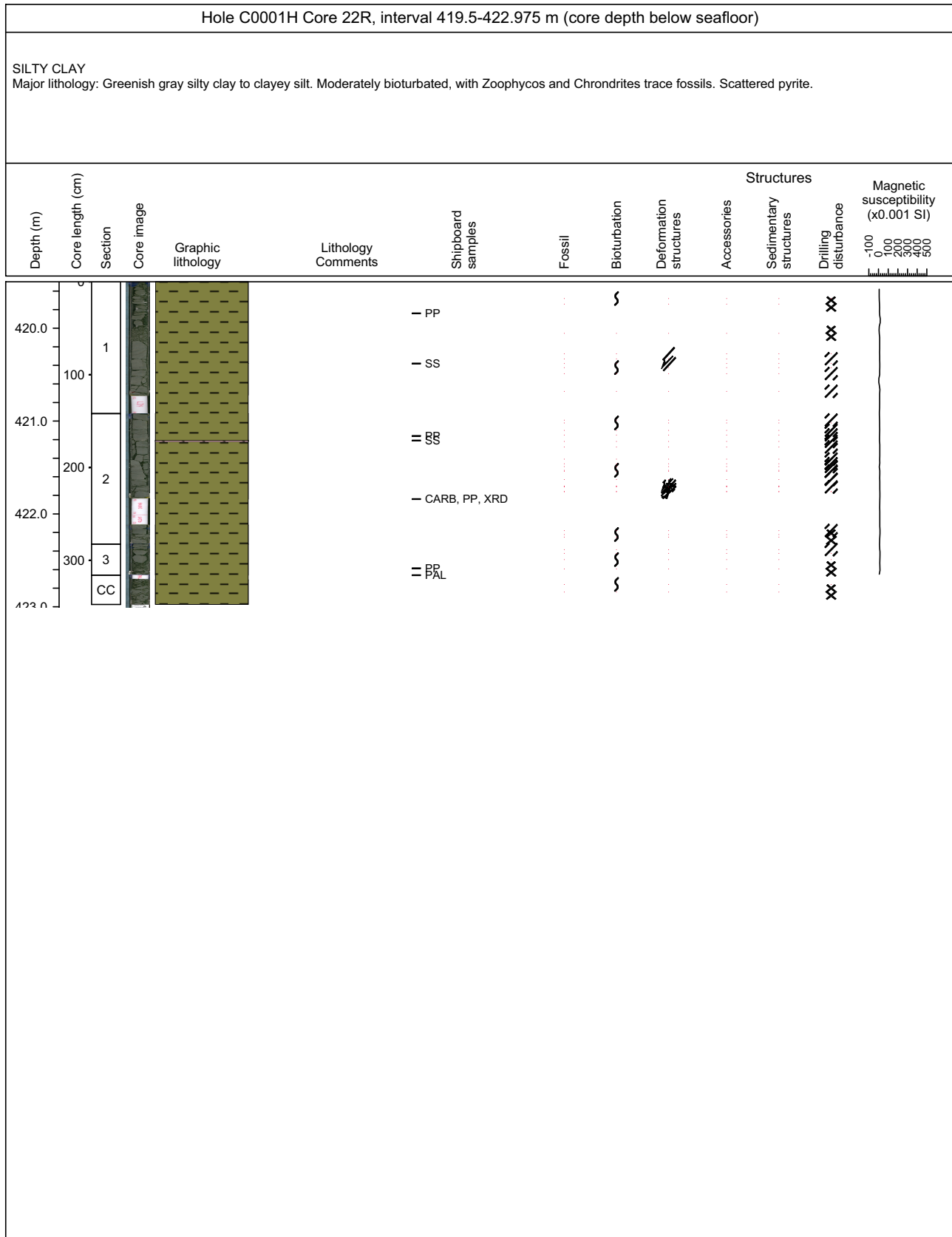
Hole C0001H Core 20R, interval 407-407.74 m (core depth below seafloor)													
SILTY CLAY Major lithology: Greenish gray silty clay to clayey silt. Highly fractured.													
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures Sedimentary structures	Drilling disturbance	Magnetic susceptibility (x0.001 SI)
407.0	1	CC				<ul style="list-style-type: none"> - PP - PAL 	•	§	•	•	•	•	



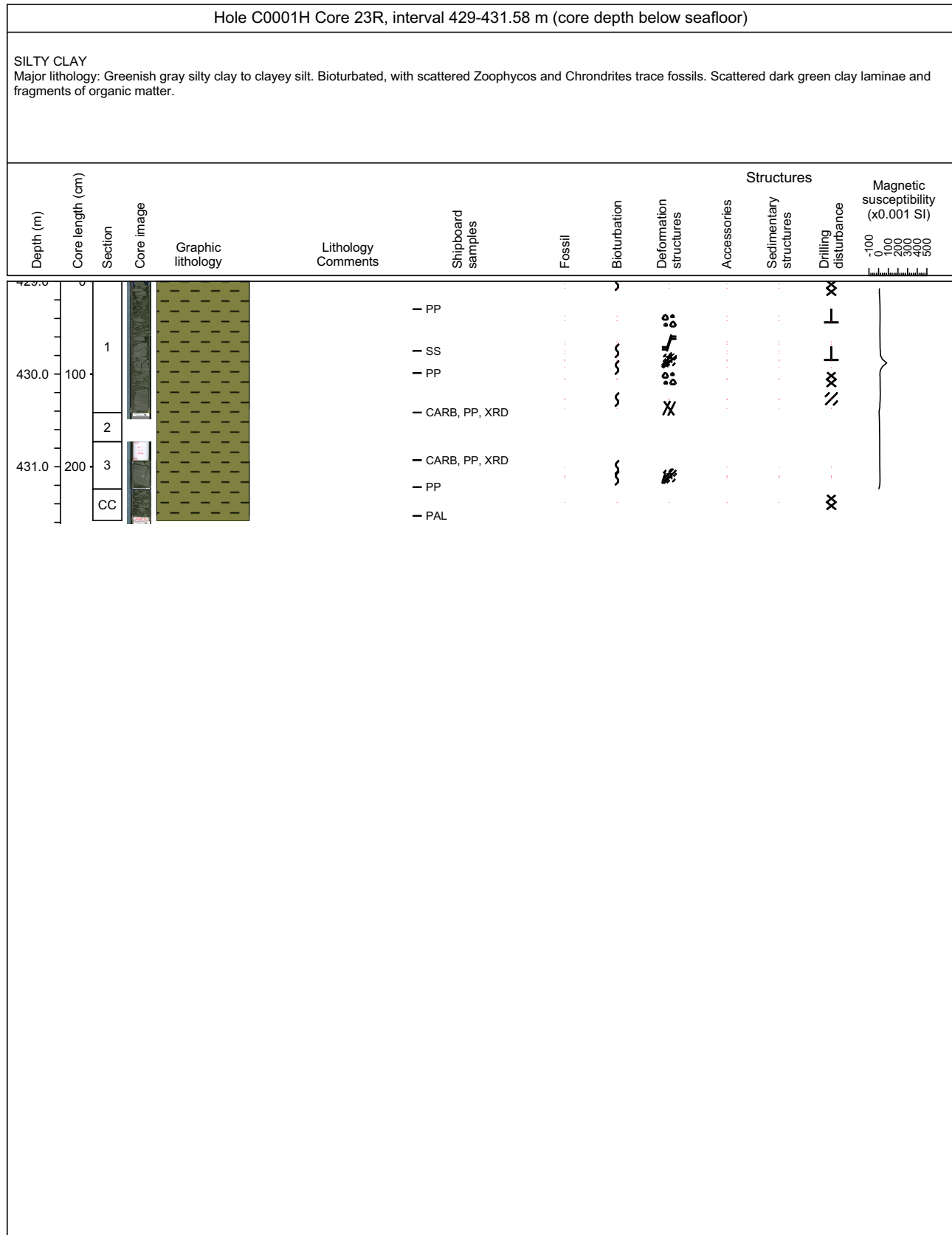
Core Photo



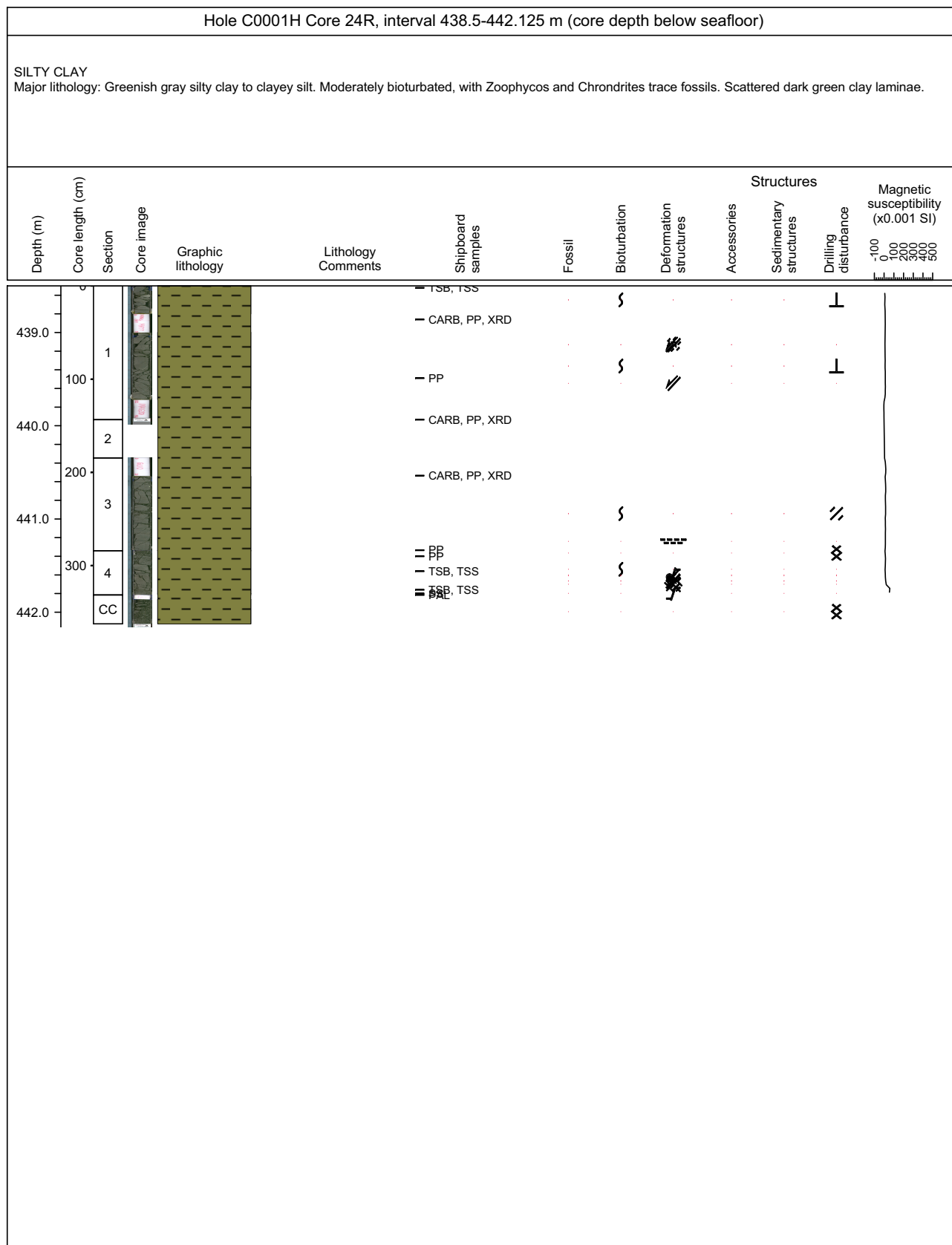
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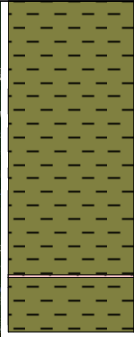




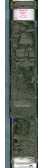
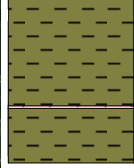







Core Photo



Core Photo



Core Photo

Hole C0001H Core 25R, interval 447.2-449.835 m (core depth below seafloor)													
SILTY CLAY Major lithology: Greenish gray silty clay to clayey silt. Bioturbated, with scattered pyrite. Highly fractured.													
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures Sedimentary structures	Drilling disturbance	Magnetic susceptibility (x0.001 SI)
448.0	100	1				— PP				Py			
						= CARB, PP, XRD							
						— CARB, PP, XRD							
						— PP							
449.0	200	2				— CARB, PP, XRD							
						— PP							
						— PAL							



Core Photo

Hole C0001H Core 26R, interval 456.2-456.8 m (core depth below seafloor)													
SILTY CLAY Major lithology: Greenish gray silty clay to clayey silt. Highly disrupted drilling breccia.													
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures Sedimentary structures	Drilling disturbance	Magnetic susceptibility (x0.001 SI)
	1	CC				<ul style="list-style-type: none"> - PP - PAL 	<ul style="list-style-type: none"> - - 	<ul style="list-style-type: none"> - - 	<ul style="list-style-type: none"> - - 	<ul style="list-style-type: none"> - - 	<ul style="list-style-type: none"> - - 	<ul style="list-style-type: none"> - - 	





Expedition 315 Site C0001 Smear Slides

Sample Identification				Texture (%)			Siliciclastic Grains							Lithic Grains/Ash					Pelagic Grains							Comments				
Hole-Core-Sec	Int. (cm)	depth (mbsf)	Lithology	Sand	Silt	Clay	Quartz	Feldspar	Mica	Fe-Mg Mins.	Glauconite	Clay Mins.	Zeolite	Heavy Mins.	Calcite	Sed. Lithic	Ign. Lithic	Meta. Lithic	Vol. Lithic	Crystal ash	Vitric ash	Nannofossils	Foraminifers	Diatoms	Radiolarians		Silicoflagellates	Sponge spicules	Opaque grains	Other
C0001E-1H-1	4	0.04	silty clay	20	30	50	C	C			P	A											A	C	P				P	
C0001E-1H-2	116	0.33	silty clay	15	30	65	A	P	P		P	D		P									C	C					P	
C0001E-1H-2	128	1.64	silty clay	1	15	74	C	P	R			D											P	P	P		R	P		
C0001E-1H-2	25	1.89	silty clay	0	30	70	C	P	R			D											A	P	P			P	P	
C0001E-1H-3	5	2.27	silty clay	2	20	68	C	P	R			D				P							C	P	P			P	P	
C0001E-1H-3	30	2.74	silty clay	0	25	75	C	P				D				P							A	P	P	P	P	P		
C0001E-1H-3	68	3.37	silty clay	5	17	78	C	P		P		D										P	C	P				P	P	
C0001E-1H-3	115	3.61	silty clay	5	15	80	C	P	P			D											C	P	P			P		
C0001E-1H-5	26	4.395	silty clay	3	23	74	C	P				D											A	P	P					
C0001E-1H-5	50	4.15	silty clay	10	22	68	C	P	P			D											C	A	P	P	P			foram sand
C0001E-1H-5	31	4.37	silty clay	10	22	67	C	P				D											A	C	P			P		
C0001E-1H-5	35	6.545	silty clay	10	25	65	C	P	P			D											A	C	P			P		
C0001E-1H-CC	15	7.21	silty clay	3	11	86	C	P				D										P	C	C					P	
C0001E-2H-1	118	7.64	Silty clay	2	25	73	C	P	P		P	D											C	C	P			P	P	
C0001E-2H-1	5	8.16	silty clay	2	25	73	C	P	P		R	D											A	C	P			P	P	
C0001E-2H-1	27	8.44	silty clay	2	22	76	C	P	P			D											A	C				P		
C0001E-2H-2	95	9.095	silty clay	2	25	73	C	P	P			D											A	C	P			P	P	
C0001E-2H-2	4	10.71	silty clay	0	25	75	C	P	P			D				P							C	C	P	P	P	P		
C0001E-2H-3	10	12.17	silty clay	0	25	75	C	P	P			D				P							C	C	P	P	P	P		
C0001E-2H-3	53	12.82	silty clay	5	31	64	C	P			A					P						C	C	C	P	P	P	P		
C0001E-2H-3	105	23.14	silty clay	5	50	45	C	P	P		A		P										C	C	P			P		
C0001E-2H-3	133	24.1	silty clay	0	40	60	C	C			A												C	C	P			P	P	
C0001E-2H-5	25	34.72	silty clay	5	40	45	C	C	P		A											P	C	P	P			P	P	
C0001E-2H-5	96	43.01	silty clay	2	30	68	C	P	P		A												A	C	P			P	P	
C0001E-2H-6	35	44.335	silty clay	6	29	65	C	P	P		A												A	C	P	P		P		
C0001E-2H-7	30	45.52	silty clay	7	25	68	C	P			A												C	C	P			P	P	
C0001E-2H-7	95	46.09	silty clay	3	30	67	C	P	P		A												A	C	P			P		
C0001E-4H-1	4	46.515	silty clay	5	30	65	C	P	P		A												C	C	P			P	P	
C0001E-4H-1	100	46.935	silty clay	8	32	60	C	P	P	P	A					P							P	C	C			P		
C0001E-4H-1	47	48.705	silty clay	1	25	74	C	P	P			D											P	C		P		P	P	
C0001E-4H-1	147	49.135	silty clay	20	40	40	C	P	P		A					A							P					P		
C0001E-4H-2	20	49.175	silty clay	10	30	60	C	P			P	D				C	P							P				P		
C0001E-4H-2	118	49.465	silty clay	15	22	63	C	P			A												C	C	P			P	P	
C0001E-4H-3	93	50.065	silty clay	3	30	67	C	P	P		A												A	C	P			P		
C0001E-4H-5	138	50.995	silty clay	1	26	73	C	P			A					P							C	C	C	P	P	P		
C0001E-4H-6	145	53.39	silty clay	2	20	78	C	P			D												C	C						
C0001E-4H-7	106	53.52	silty clay	10	25	65	C	P	P		A					P							C	C	P			P	P	
C0001E-5H-2	60	55.18	silty clay	2	30	68	C	P	P		A					P							A	C	P			P		
C0001E-5H-2	156	56.62	silty clay	2	35	63	C	P	P		A												P	A	C			P	P	
C0001E-5H-3	53	59.45	silty clay	1	25	74	C	P	P		D												C	C	C	P	P	P	P	
C0001E-5H-7	106	61.69	silty clay	0	25	75	C	P			D					P							C	P					P	
C0001E-5H-CC	29	61.9	silty clay	0	40	60	C	P			A												A	C	P			P		
C0001E-6H-1	91	63.245	silty clay	0	40	60	C	P	P		A												A	C	P			P		
C0001E-6H-1	37	80.8	silty clay	5	30	65	C	P			A					P							P	C	C		P	P	P	
C0001E-6H-2	83	82.305	silty clay	2	25	73	C	P	P		D					P							C	C			P	P	P	
C0001E-6H-2	4	83.54	silty clay	1	28	71	P	P	P		D					P							C	C			P	P	P	
C0001E-6H-3	60	84.615	silty clay	1	25	74	C	P	P		D					P							C	C	P		P	P	P	



Sample Identification				Texture (%)			Siliciclastic Grains							Lithic Grains/Ash					Pelagic Grains							Comments				
Hole-Core-Sec	Int. (cm)	depth (mbsf)	Lithology	Sand	Silt	Clay	Quartz	Feldspar	Mica	Fe-Mg Mins.	Glauconite	Clay Mins.	Zeolite	Heavy Mins.	Calcite	Sed. Lithic	Ign. Lithic	Meta. Lithic	Vol. Lithic	Crystal ash	Vitric ash	Nannofossils	Foraminifers	Diatoms	Radiolarians		Silicoflagellates	Sponge spicules	Opaque grains	Other
C0001E-6H-3	117	85.815	silty clay	1	31	68	C	P	P			D				P						C	C	P		P	P	P		
C0001E-6H-5	18	88.37	silty clay	2	30	68	C	P	P			A				P							C	C	P		P	P	P	
C0001E-6H-5	60	89.345	silty clay	0	30	70	C	P	P			D				P							C	C			P	P	P	
C0001E-6H-6	94	90	silty clay	1	30	69	C	P	P			D				C							C	C	P			P		
C0001E-6H-6	137	91.51	silty clay	0	40	60	C	C				A				P						P	C	P		P				
C0001E-6H-6	141	93.305	silty clay	0	30	70	C	C	C			A				P	P						A	P		P				
C0001E-6H-7	28	96.025	silty clay	0	30	70	C	C				D				P	P						P	C	P					
C0001E-6H-7	88	98.25	silty clay	0	40	60	A	C		P		D				P						P	P							
C0001E-6H-8	40	99.09	silty clay	1	29	70	C	C				D				P	P						A	P			P			
C0001E-6H-8	79	99.29	silty clay	0	30	70	C	C	C			A				P	P						A	P	P					
C0001E-7H-1	36	101.69	silty clay	5	45	50	A	C		P		A				P	C					C	P			P				
C0001E-7H-1	80	102	silty clay	0	30	70	A	C				D				P	C													
C0001E-7H-10	104	103.2	silty clay	0	40	60	A	C				D				P	P						C			P				
C0001E-7H-2	39	103.915	silty clay	0	25	75	C	C	C			A		P		P							A			P				
C0001E-7H-2	52	105.325	silty clay	0	30	70	C	C				A				P							A		P	P				
C0001E-7H-3	70	108.45	silty clay	0	25	75	C	C		P		D				P							A	P	P			P	P	
C0001E-7H-5	68	109.6	silty clay	0	35	65	A	C				D				P	P						C	P	P	P				
C0001E-7H-8	58	110.255	silty clay	0	40	60	A	C		P		D				P						C	P			P				
C0001E-7H-9	22	110.565	silty clay	0	40	60	A	C				D				P						C	P							
C0001E-7H-9	72	111.225	silty clay	1	39	60	A	C				A				P							A	P						
C0001E-8H-1	80	111.95	silty clay	0	25	75	C	C		P		D				P	P						A	P		P				
C0001E-8H-2	70	114.28	silty clay	0	25	75	C	C				A		P		P							A	P	P	P		P	P	
C0001E-8H-3	75	115.71	silty clay	0	40	60	A	C		P		D				P	P					C	C	P		P				
C0001E-8H-5	15	115.905	silty clay	0	30	70	A	C				D				P	P						C		P	P		P	P	
C0001E-8H-6	2	108.2	silty clay	2	45	53	A	P	P			A											C	C	P		P			
C0001E-8H-6	21	108.4	silty clay	5	35	60	C		P			D				P							C	C	C			P		
C0001E-8H-7	95	119.025	silty clay	1	39	60	A	C		P		A				P	P						C	P						
C0001E-8H-7	12	122.045	silty clay	1	19	80	C	C		P		A										P	A	P						
C0001E-8H-8	5	127.75	silty clay	2	48	50	A	C				A							P			C	C							
C0001E-8H-CC	2	142.47	silty clay	1	29	70	A	C				A											A	P	P					
C0001E-9H-1	40	150.49	silty clay	1	39	60	A	C				A		P									C	P	P	P				
C0001E-9H-2	110	160.58	silty clay	0	20	80	C	C				A											A			P				
C0001E-9H-3	9	162	silty clay	1	39	60	A	C		P		D				P							C							
C0001E-9H-5	14	165.155	silty clay	1	34	65	A	C	P			D		P		P						P	C							
C0001E-9H-5	55	170.21	silty clay	0	40	60	A	C				D				P							P			P				
C0001E-9H-6	54	171.93	silty clay	2	49	49	A	C				A		P		P						P	C	P						
C0001E-9H-6	61	193.99	silty clay	1	30	69	C	P				D											C	P						
C0001E-9H-7	53	194.63	silty clay	0	40	60	A	C				D																		
C0001E-9H-8	97	202.075	silty clay	10	40	50	A	C		P		D		P		C														
C0001E-10H-1	70	114.46	clayey sand	50	20	30	A	A	P	C		A				C						C	C	P				P		altered glass
C0001E-10H-2	80	1.24	clayey silt	15	60	25	A	C	P			C		P									C	P	P					
C0001E-10H-3	50	29.005	clayey silt	2	80	8	P	P	P			A										C			P					
C0001E-10H-5	10	42.47	clayey silt	20	40	40	C	P				A										A	C	P	P			P	P	
C0001E-10H-5	130	67.955	clayey silt	5	40	55	C	C				A										P	C	C						
C0001E-10H-6	66	68.595	clayey silt	15	40	55	C	P				A											C	C	P			P	P	
C0001E-10H-6	91	71.515	clayey silt	5	35	60	C	C	P			A										P	C	C	P		P	P	P	
C0001E-10H-8	57	71	clayey silt	3	45	52	C	P				A										P	C	C	P		P	P	P	
C0001E-10H-8	99	73.11	clayey silt	0	30	70	C	P	P			D											C	C	P			P	P	
C0001E-10H-9	55	73.505	clayey silt	2	40	58	C	P	P			A										C	C	C	P		P	P	C	



Sample Identification				Texture (%)			Siliciclastic Grains							Lithic Grains/Ash					Pelagic Grains							Comments			
Hole-Core-Sec	Int. (cm)	depth (mbsf)	Lithology	Sand	Silt	Clay	Quartz	Feldspar	Mica	Fe-Mg Mins.	Glauconite	Clay Mins.	Zeolite	Heavy Mins.	Calcite	Sed. Lithic	Ign. Lithic	Meta. Lithic	Vol. Lithic	Crystal ash	Vitric ash	Nannofossils	Foraminifers	Diatoms	Radiolarians		Silicoflagellates	Sponge spicules	Opaque grains
C0001E-10H-9	120	75.135	clayey silt	2	40	58	C	P	P			A									P	C	C	P		P	P	P	
C0001E-10H-9	127	76.945	clayey silt	3	40	57	C	P	P			A				P					C	C	C			P	P	P	
C0001E-11H-1	40	80.27	clayey silt	0	40	60	C	P	P			D										C	C	P			P	P	
C0001E-11H-1	80	106.46	clayey silt	2	60	40	A	C	P			A			P							C	P		P			C	
C0001E-11H-2	50	111.13	clayey silt	15	45	40	A	P	P			C										A	C	P			P	P	
C0001E-11H-2	120	130.135	clayey silt	2	38	60	A	C				A		P	P							C	P					P	
C0001E-11H-3	90	178.59	clayey silt	2	60	38	A	C				A				C						P	P						C
C0001E-11H-6	80	179.37	clayey silt	5	65	30	A	C	P			A		P	A							P	P						P
C0001E-11H-7	10	181.9	clayey silt	0	80	20		C				C							A			C						P	altered volc
C0001E-11H-8	16	347.315	clayey silt/ash	0	60	40		C				A	C									A							P
C0001E-11H-8	100	201.87	hanno ooze	0	10	90	P	P				C			P							P	D	P					P
C0001E-11H-8	120	127.39	sand	80	10	10	A	A		P		C				C						C							P
C0001E-12H-1	10	196.85	sand	70	20	10	A	C	P	P		C			P	P	A												P
C0001E-12H-2	125	205.69	sand	90	9	1	A	C	P	P					P		A						P	P					C
C0001E-12H-2	55	201.23	sand	90	8	2	A	C		P		P			P		A						A						C
C0001E-12H-3	10	206.885	sand	70	25	5	A	C		P		C		P		A						P		P					C
C0001E-12H-3	130	5.28	sand silt clay	20	20	60	C	P				A											A	C	P		P		P
C0001E-12H-4	60	87.95	sand silt clay	35	30	35	C	C	P			A					C						A		P				C
C0001E-12H-6	60	106.93	sand silt clay	20	40	40	A	C		P		A			P	C						P	C	P					C
C0001E-12H-7	22	1.36	sandy silt	20	70	10	A	P	P			C										C	P	P	P				C
C0001E-12H-7	69	59.155	sandy silt	30	50	20	A	C	P			C				P							C	C	P			P	P
C0001E-12H-8	80	111.53	sandy silt	35	55	10	A	A	P	P	P	C				A							P	P					P
C0001E-13H-1	100	119.235	sandy silt	2	60	38	A	A				A											P	P					P
C0001E-13H-1	61	139.72	sandy silt	10	80	10	A	A		P		C				C							P	P	P				P
C0001E-13H-2	25	146.86	sandy silt	10	70	20	A	A		P		C			P	C							C	P					P
C0001E-13H-2	56	152.395	sandy silt	20	80	0	A	C							P		C						P						D
C0001E-13H-2	122	157.66	sandy silt	10	90	0	A	A		P					P		A												P
C0001E-13H-3	9	206.07	sandy silt	50	40	10	A	C	P	P		C			P		A						P						P
C0001E-13H-3	51	203.43	sandy silt	20	60	20	A	A		P		C			P	P	C						P						P
C0001E-13H-5	140	24.8	siliceous ooze	40	30	30	P			P		A											C	P			A		P
C0001E-13H-6	10	156.22	silt	10	85	5	A	A	P			P				A							P	P					P
C0001E-13H-6	135	247.285	silt	5	85	10	C	C		P		C			P													D	authigenic pyrite
C0001E-13H-7	10	416.18	silt/ash	0	80	20	C	A				C											A					A	woody tissue
C0001E-13H-8	140	172.04	silty ash	15	70	15	C	A		P		C				P							A	P		P			P
C0001F-1H-1	20	331.72	silty clay	0	25	75	A	C	P			D											P						P
C0001F-1H-1	40	333.01	silty clay	0	25	75	A	C				D											P						P
C0001F-1H-1	75	335.625	silty clay	0	30	70	A	C				D											P						P
C0001F-1H-2	97	342.515	silty clay	0	30	70	A	C				D			P								P	P					P
C0001F-1H-3	31	351.99	silty clay	2	33	65	A	C	P	P		D			P								P	P					P
C0001F-1H-3	110	354.81	silty clay	0	30	70	A	C				D			P								P	P					P
C0001F-1H-3	30	361.66	silty clay	0	30	70	A	C	P			D			P								P						P
C0001F-1H-5	40	364.44	silty clay	0	33	67	A	C				D			P								P						P
C0001F-1H-5	98	369.75	silty clay	0	30	70	A	C				D			P								P	P					P
C0001F-1H-6	80	373.685	silty clay	0	40	60	A	C				D											C	P					P
C0001F-1H-6	140	399.015	silty clay	0	30	70	A	C				D											P						P
C0001F-1H-9	54	412.75	silty clay	0	30	70	A	C				D			P								P						P
C0001F-2H-2	33	86.625	silty sand	40	35	25	C	P	P		P	C				A							A	C		P	P	P	
C0001F-2H-2	12	86.875	silty sand	50	31	14	C	P	P			C				C							C	C					C



Sample Identification				Texture (%)			Siliciclastic Grains							Lithic Grains/Ash				Pelagic Grains							Comments							
Hole-Core-Sec	Int. (cm)	depth (mbfsf)	Lithology	Sand	Silt	Clay	Quartz	Feldspar	Mica	Fe-Mg Mins.	Glauconite	Clay Mins.	Zeolite	Heavy Mins.	Calcite	Sed. Lithic	Ign. Lithic	Meta. Lithic	Vol. Lithic	Crystal ash	Vitric ash	Nannofossils	Foraminifers	Diatoms		Radiolarians	Silicoflagellates	Sponge spicules	Opaque grains	Other		
C0001F-2H-2	32	89.995	silty sand	60	30	10	A	C	P			C				A					A		P									
C0001F-2H-4	32	194.38	silty sand	50	30	20	C	C		A		C																				
C0001F-2H-4	33	203.965	silty sand	80	15	5	A	C		P		C		P	P	D																
C0001F-3H-1	39	90.065	silty sand, ash	70	20	10	C	P				C										D	C								C	
C0001F-3H-1	75	92.21	silty clay	0	30	70	C	C				D			P							P	C	P							P	
C0001F-3H-3	30	3.42	volcanic ash	7	20	73	P	P				D										A	C	P	P						P	
C0001F-4H-4	41	3.46	volcanic ash	10	15	75	P	P				A										A	C	P	P						P	
C0001F-4H-5	39	5.635	volcanic ash	2	20	78	P	C		P		A										A	C	P	P						altered glass	
C0001F-4H-6	32	9.805	volcanic ash	3	30	67	C	C	R			A				P						A	C	P	P		P				P	
C0001F-5H-1	86	23.57	volcanic ash	50	20	30	P	C		P		C										D	C									
C0001F-5H-5	40	24.57	volcanic ash	5	45	55	C	C				A										A	C	C								
C0001F-5H-7	68	25.78	volcanic ash	5	40	55	P	P				A				P						A	C	P	P						P	
C0001F-5H-9	69	27.04	volcanic ash	5	50	45	P	C	P			A										A	C	P	P	P					P	
C0001F-6H-1	72	30.595	volcanic ash	5	50	45	P	C	P			A										A	C	P	P	P					P	
C0001F-6H-2	75	31.725	volcanic ash	70	20	10	P	P				C										D										
C0001F-6H-6	70	36.165	volcanic ash	40	40	20	C	C	P			C										A	C	A	P						P	
C0001F-7H-1	50	38.52	volcanic ash	5	90	5	C	C	P			C										D	C	P	P						P	
C0001F-7H-14	56	41.37	volcanic ash	5	45	50	C	C	P			A										A	C		P							P
C0001F-7H-3	145	42.85	volcanic ash	80	10	10	C	C	P			C				P						D		P								
C0001F-8H-1	106	43.545	volcanic ash	15	70	15	P	A		A		C										C		P	P						P	
C0001F-8H-1	95	51.385	volcanic ash	40	50	10	P	C	P			C										D	P	P	P						P	
C0001F-8H-7	40	51.96	volcanic ash	80	10	10	P	P				C										D	P	P								
C0001F-8H-7	118	52.4	volcanic ash	40	25	35	C	C				C				P						D	C	C	P						P	
C0001F-9H-2	74	59.95	volcanic ash	15	75	10	P	C		P		C										C	D	P							P	
C0001F-9H-6	126	64.69	volcanic ash	5	85	10	P	C				C										D		P							P	
C0001F-10H-11	53	209.77	silty clay	1	59	40	A	C				A				C																
C0001F-10H-11	117	211.925	silty clay	0	35	65	A	C				D		P	P									P								P
C0001F-10H-11	92	215.995	silty clay	0	30	70	A	C				D		P																		P
C0001F-11H-1	9	221.925	silty clay	0	40	80	A	C		P		D		P	P								P	P								P
C0001F-11H-7	50	227.53	silty clay	0	40	60	A	C		C		D		P	P																	P
C0001F-11H-7	88	229.3	silty clay	0	40	60	A	C				D											P									P
C0001F-12H-1	114	230.23	silty clay	20	50	30	C	A				A										A										C
C0001F-12H-1	50	231.555	silty clay	0	30	70	A	C				D																				P
C0001F-12H-2	15	241.105	silty clay	0	35	65	A	C				D		P	P								P									P
C0001F-13H-3	9	245.5	silty clay	1	35	64	A	C				D											P									P
C0001F-13H-4	20	249.31	silty clay	0	30	70	A	C	P			D											P	P		P						P
C0001F-13H-6	30	259.4	silty clay	0	30	70	A	C				D											P									P
C0001F-14H-2	119	268.3	silty clay	0	30	70	A	C	P			D			P																	
C0001F-14H-2	134	277.83	silty clay	0	30	70	A	C				D																				P
C0001F-14H-5	50	291.775	silty clay	0	35	65	A	C				D		P									P									P
C0001F-15H-2	129	296.65	silty clay	0	30	70	A	C	P			D											P									P
C0001F-18H-3	50	298.61	silty clay	0	30	70	A	C		P		D											P	P								P
C0001F-18H-6	88	301.195	silty clay	1	39	60	A	C		P		D			P								P									P
C0001F-19H-2	50	314.765	silty clay	0	30	70	A	C				D			P								P									
C0001F-19H-4	85	322.65	silty clay	0	30	70	A	C				D																				
C0001F-20X-1	40	417.1	silty clay	0	30	70	A	C				D			P								P	P								
C0001F-20X-2	32	420.38	silty clay	0	25	75	A	C				D											P									
C0001F-21X-2	37	429.75	silty clay	0	30	70	A	C				D			P								P	P								P
C0001F-21X-7	88	441.8	silty clay	0	40	60	A	C				D										C	P									P



Sample Identification				Texture (%)			Siliciclastic Grains							Lithic Grains/Ash					Pelagic Grains							Comments					
Hole-Core-Sec	Int. (cm)	depth (mbsf)	Lithology	Sand	Silt	Clay	Quartz	Feldspar	Mica	Fe-Mg Mins.	Glauconite	Clay Mins.	Zeolite	Heavy Mins.	Calcite	Sed. Lithic	Ign. Lithic	Meta. Lithic	Vol. Lithic	Crystal ash	Vitric ash	Nannofossils	Foraminifers	Diatoms	Radiolarians		Silicoflagellates	Sponge spicules	Opaque grains	Other	
C0001H-2R-3	133	225.15	volcanic ash	0	85	16	P	C				C									D								C		
C0001H-2R-5	35	243.65	volcanic ash	0	80	20	P	C				C										D							P		
C0001H-3R-1	31	287.32	volcanic ash	5	50	45	P	C				A									A	P					P	P			
C0001H-4R-1	90	316.43	volcanic ash	50	40	10		C				C									D									Mn-oxide	
C0001H-5R-1	30	421.21	volcanic ash	0	85	15	P	C		P		C									D							P			
C0001H-6R-1	33	117.79	volcanic ash	3	80	17	C	P	P			C				P					D	C	P	P			P	P			
C0001H-6R-3	115		wood fragment																										D		
C0001H-7R-1	32																														no slide
C0001H-7R-5	50																														no slide
C0001H-8R-1	15																														no slide
C0001H-8R-2	70																														no slide
C0001H-8R-5	6	447.92																													
C0001H-10R-3	135	65.52	volcanic ash	10	70	20		P				C									D		P				P				
C0001H-10R-5	16	65.615	volcanic ash	10	70	20	P	C		P		C									D	P					P				
C0001H-11R-1	115	65.805	volcanic ash	5	80	15	P	C				C									D	C	P				P				
C0001H-12R-1	72	67.125	volcanic ash	10	80	10	P	C		P		P									D	P	P				P				
C0001H-12R-2	60	75.545	volcanic ash	5	80	15	P	C	P			C									D	C	C	P			P	C			
C0001H-12R-5	36	77.015	volcanic ash	5	80	15	P	C	P			C									D	C							C		
C0001H-13R-2	61	78.355	volcanic ash	5	90	5	P	C				C									D	C	P								
C0001H-13R-6	116	90.4	volcanic ash	20	50	30	P	C	P			A									A	C	P						P		
C0001H-14R-2	58	96.78	volcanic ash	5	75	20	C	A		P		C				P					D	P		P	P						
C0001H-14R-5	55	99.2	volcanic ash	30	60	10	C	A		P		C									D	P							P		
C0001H-15R-2	75	100.99	volcanic ash	2	60	38	C	A				A			P						A	P							P		
C0001H-15R-5	60	109.21	volcanic ash	20	45	35	C	A				A									A	P							P		
C0001H-16R-1	75	118.675	volcanic ash	0	70	30	C	A				A			P	P					A	P		P	P		P	P			
C0001H-16R-5	43	110.375	volcanic ash	5	80	15	C	P				C				P					D	P	P						C		
C0001H-19R-2	10	111.92	volcanic ash	1	80	19	C	C	P	P		C				P					D	C	P						P		
C0001H-21R-1	25	112.635	volcanic ash	2	80	18	C		P	P		C									D	C	P	P		P	P				
C0001H-21R-4	83	113.215	volcanic ash	2	70	28	C	P				A				P					D	C	P	P					P		
C0001H-21R-5	31	114.425	volcanic ash	2	85	13	C	P		P		C									D	C	P				P	P			
C0001H-22R-1	88	115.025	volcanic ash	5	80	15	C	P	P		P	C									D	C	C	P			P	P			
C0001H-22R-2	29	141.11	volcanic ash	50	40	10	P	A		P		P							C		D							P			
C0001H-23R-1	75	155.31	volcanic ash	60	30	10	P	C				C									D								P		
C0001H-24R-4	46	186.9	volcanic ash	40	40	20	P	C				C									D								P		
C0001H-25R-1	72	209.92	volcanic ash	0	70	30	P	C				C									D	P									