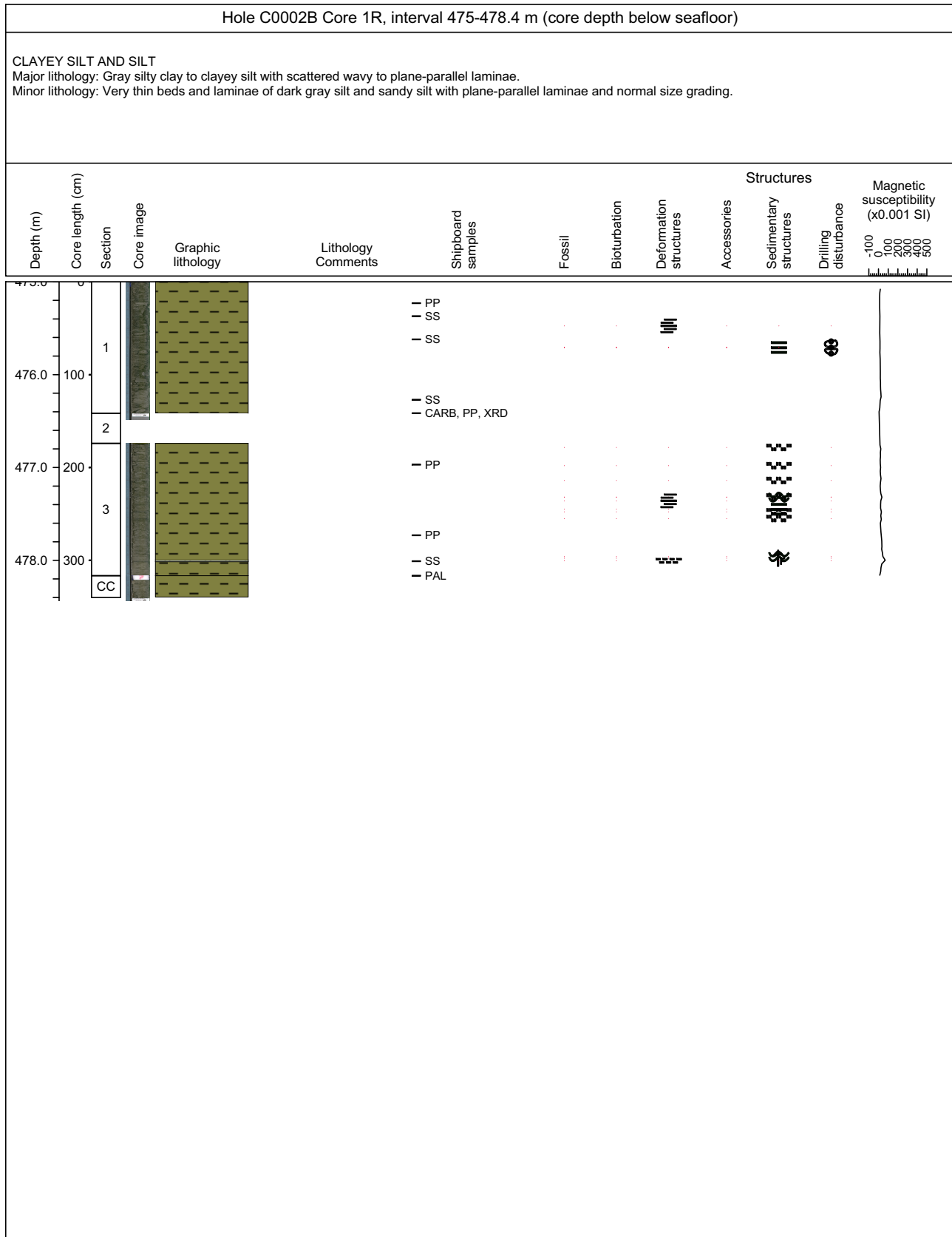
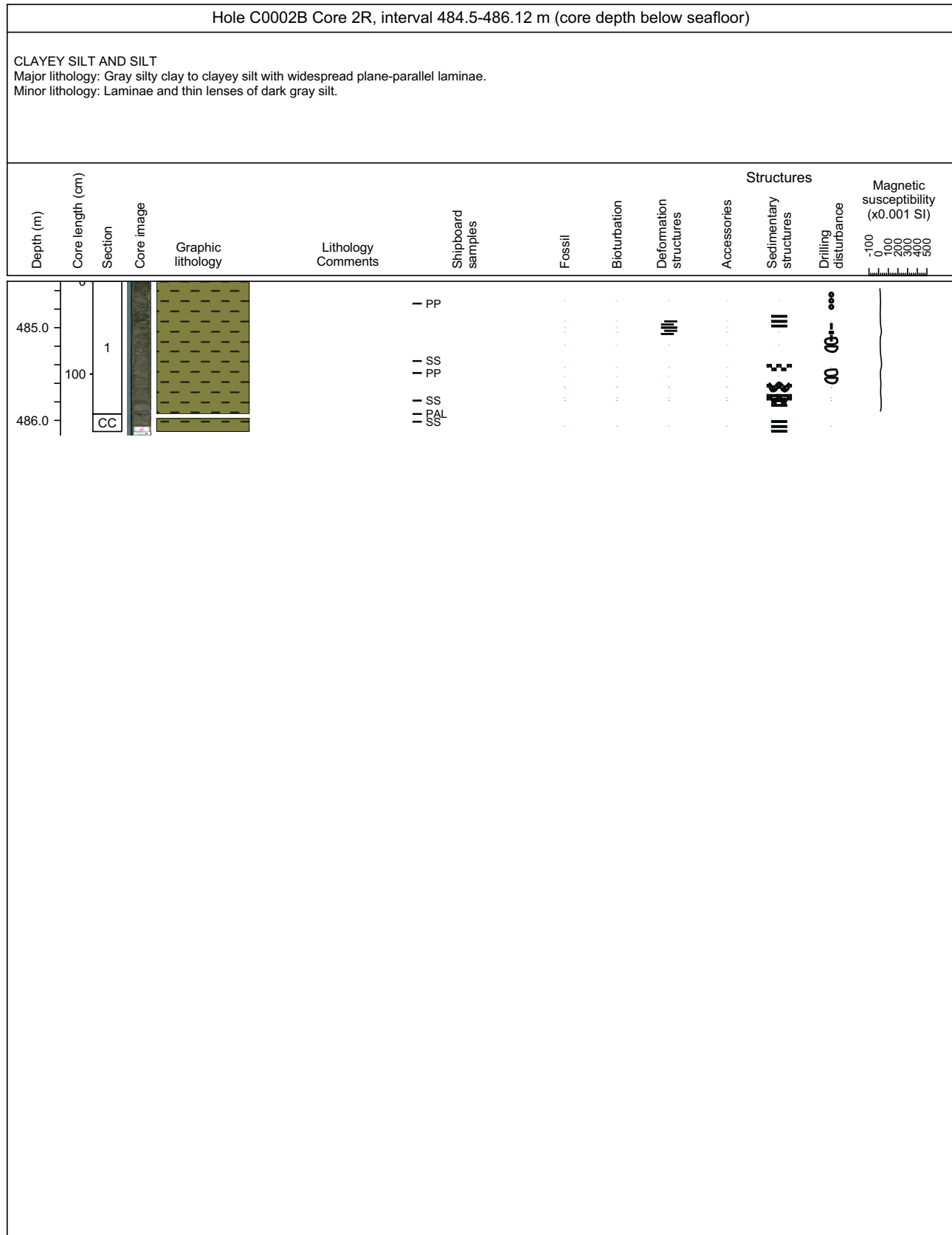


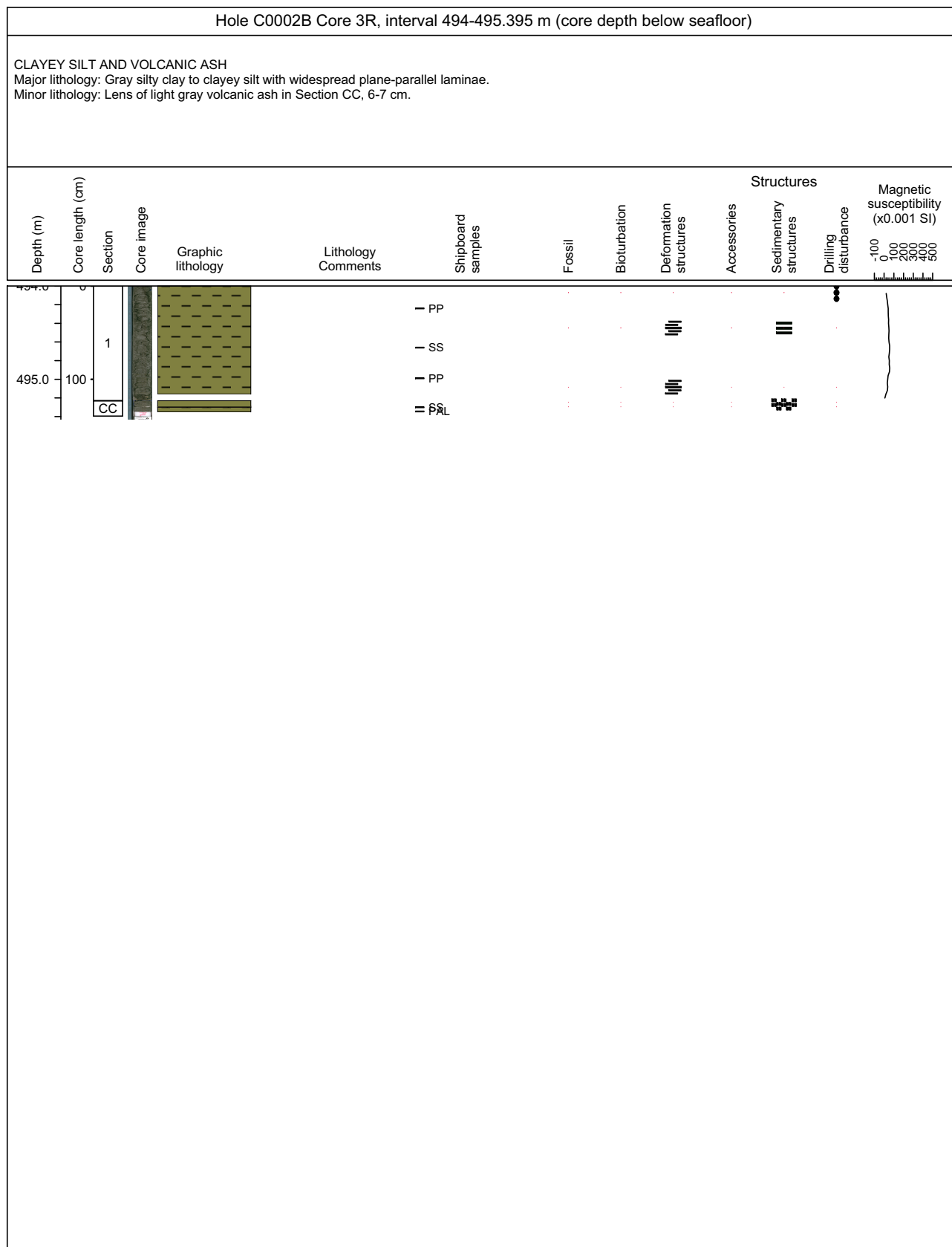
Core Photo



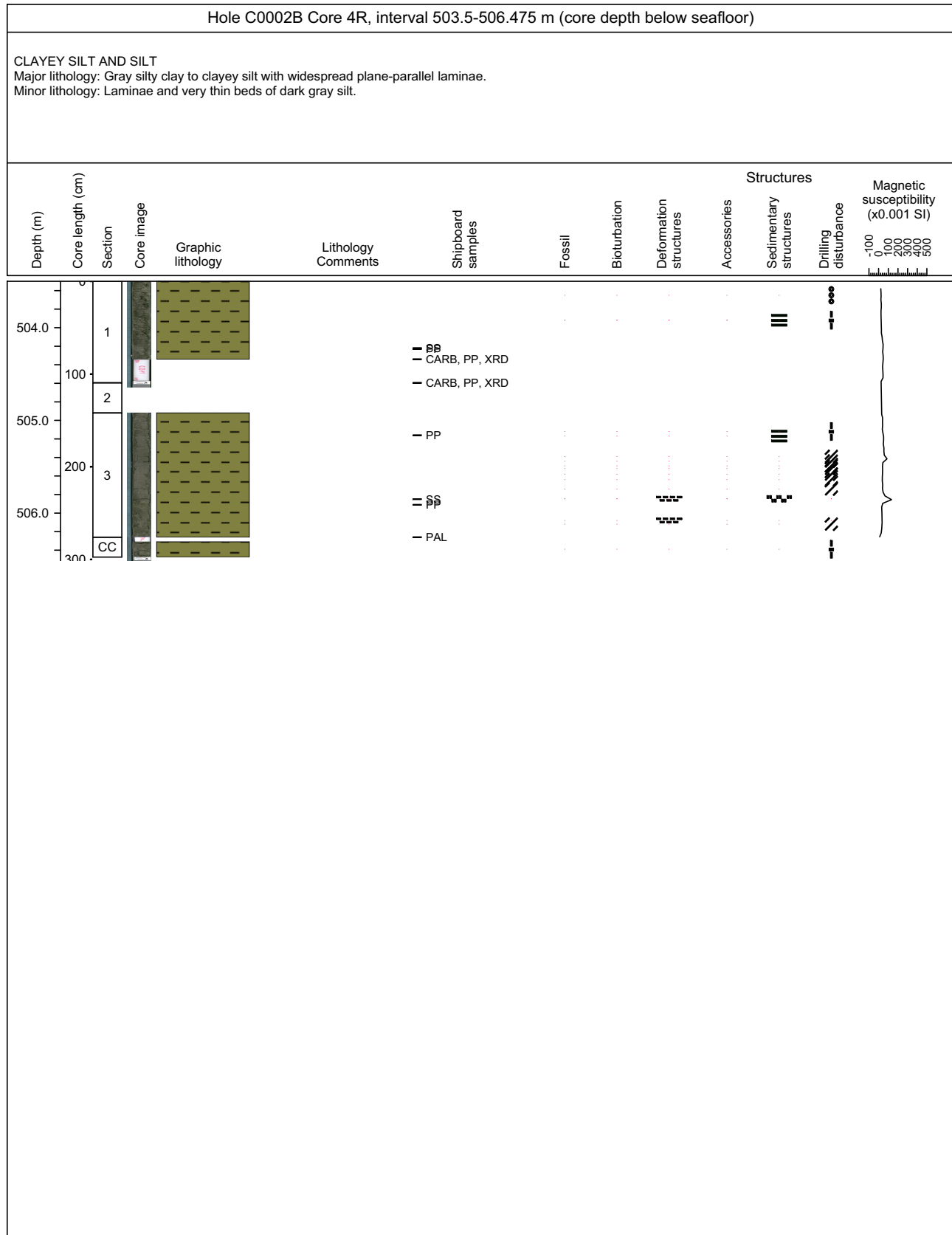
Core Photo









Core Photo



Core Photo



Core Photo

Hole C0002B Core 5R, interval 508-508.95 m (core depth below seafloor)													
CLAYEY SILT AND SILT Major lithology: Gray silty clay to clayey silt with widespread plane-parallel laminae. Minor lithology: Laminae and very thin beds of dark gray 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)
508.95	1	CC				- PP - SS - PL							

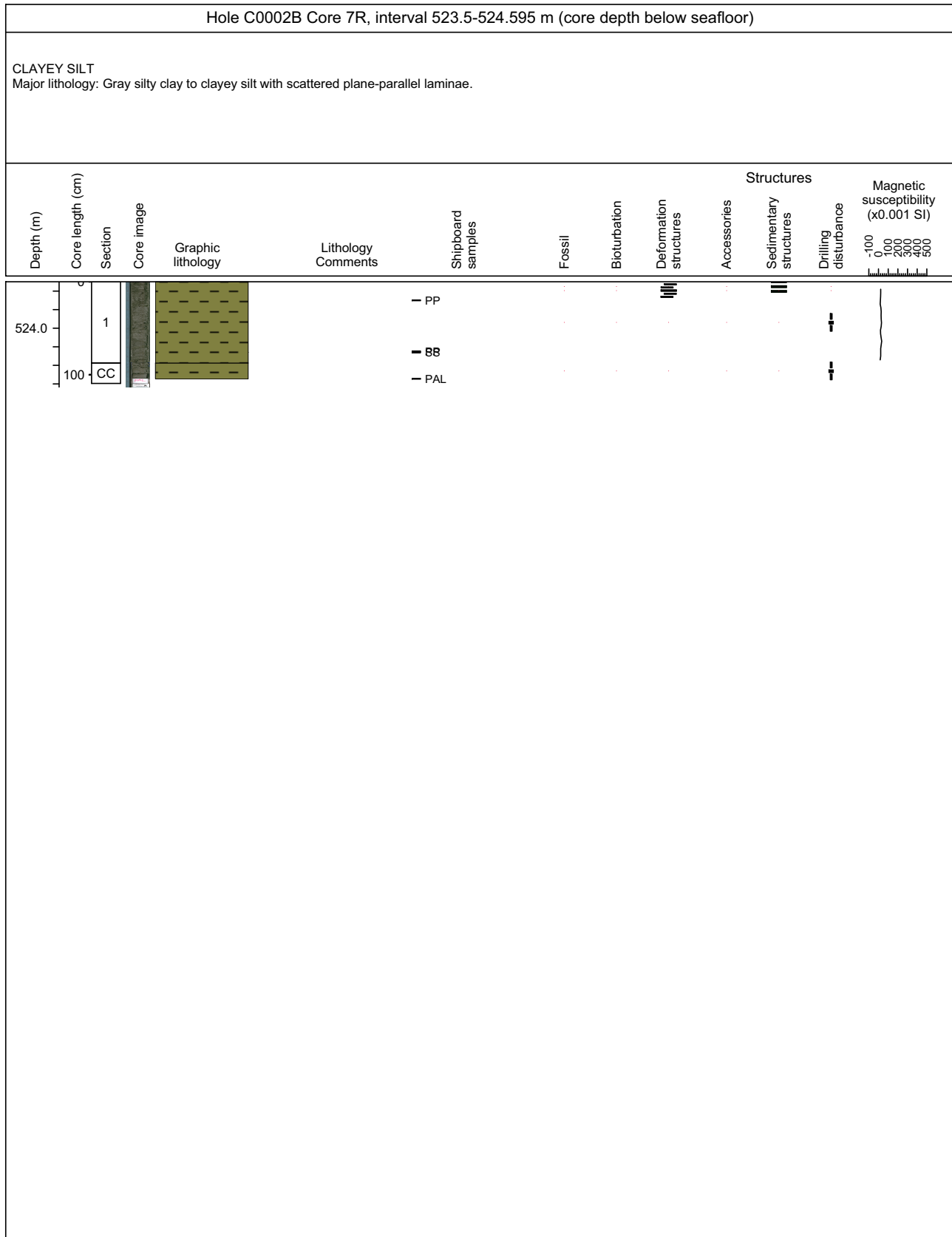


Core Photo

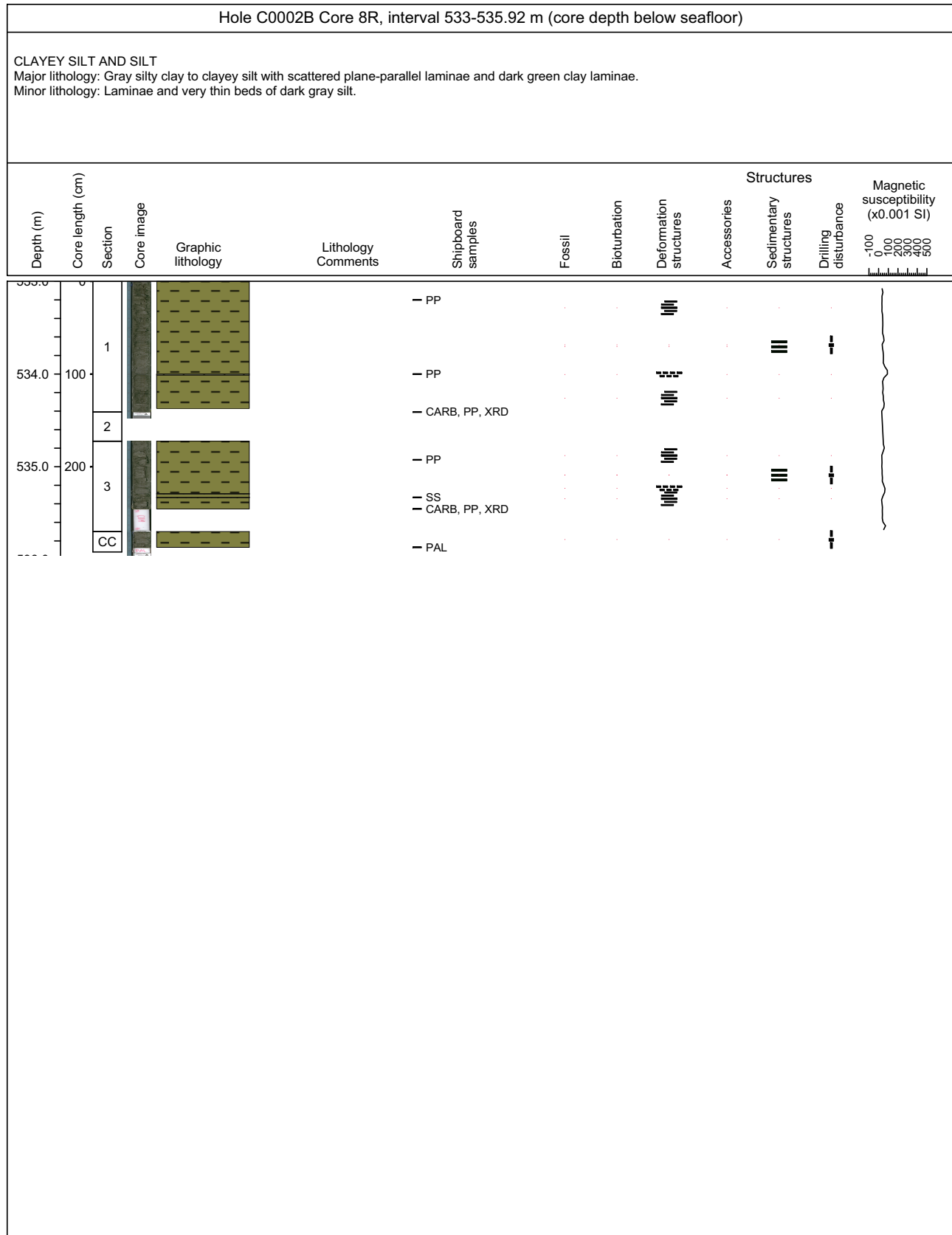
Hole C0002B Core 6R, interval 514-515.245 m (core depth below seafloor)													
CLAYEY SILT AND SILT Major lithology: Gray silty clay to clayey silt with scattered plane-parallel laminae. Minor lithology: Laminae of dark gray silt.													
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures Sedimentary structures	Drilling disturbance	Magnetic susceptibility (x0.001 SI)
514.0	100	1				- PP							
515.0						- PP							
						= PAL							



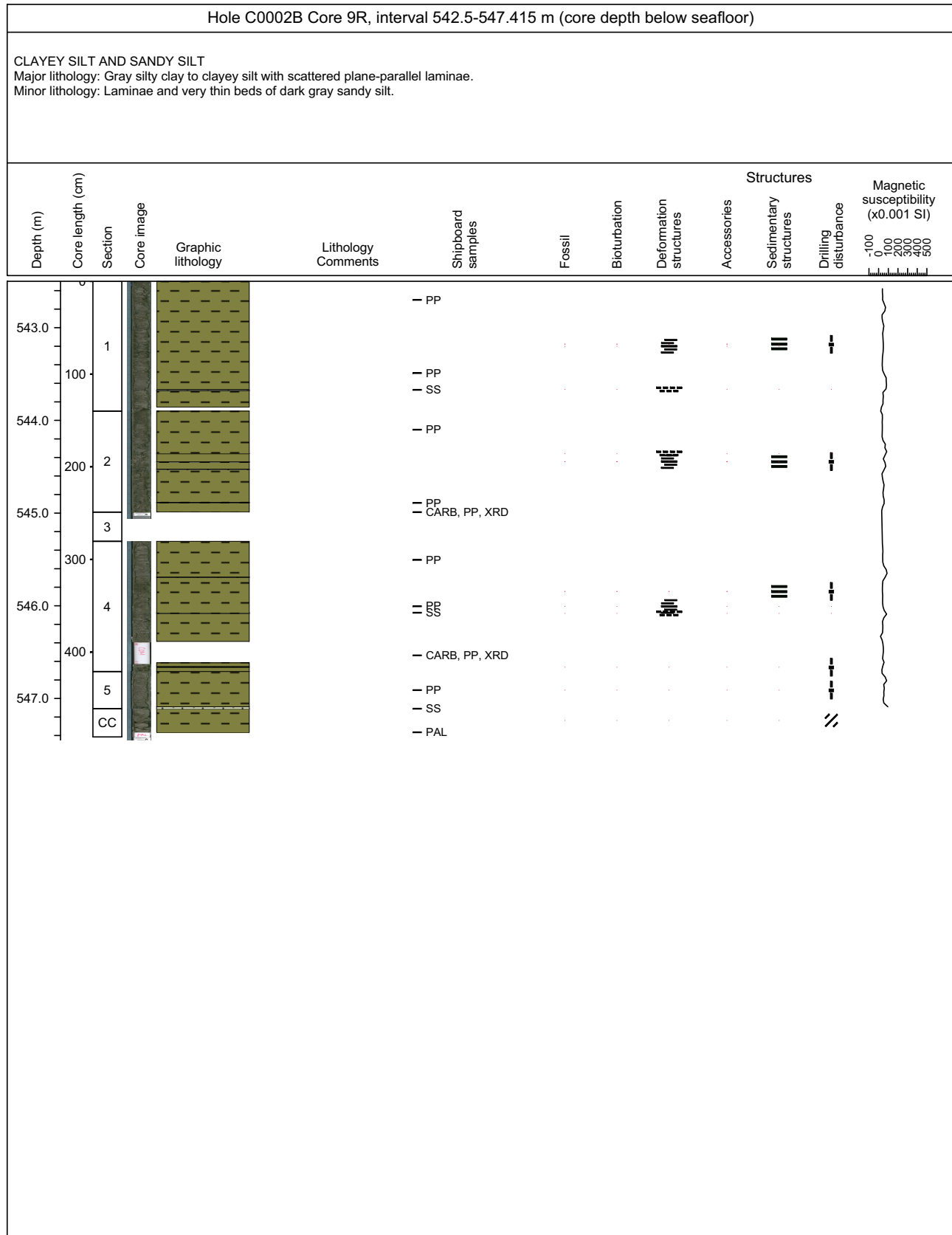
Core Photo



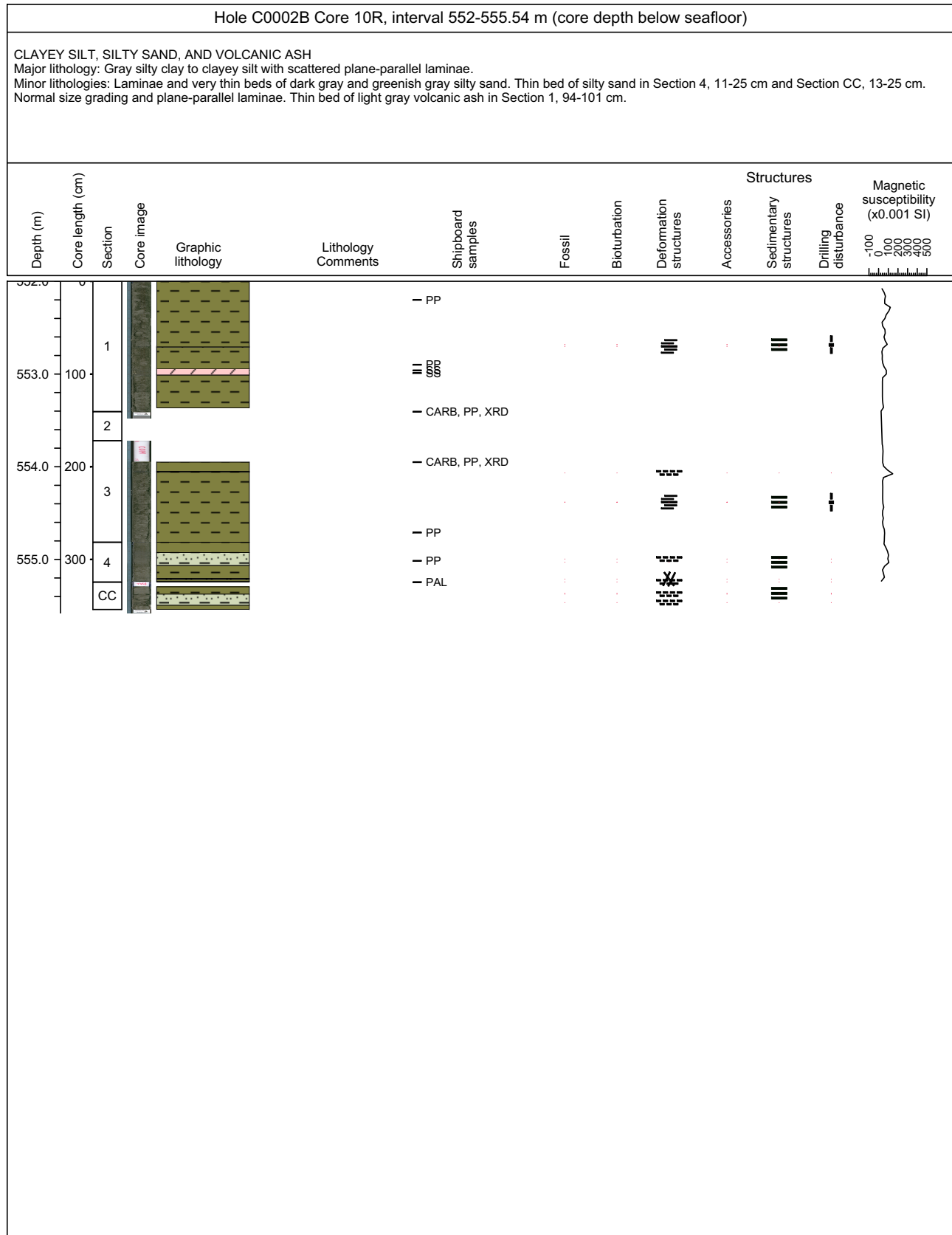
Core Photo



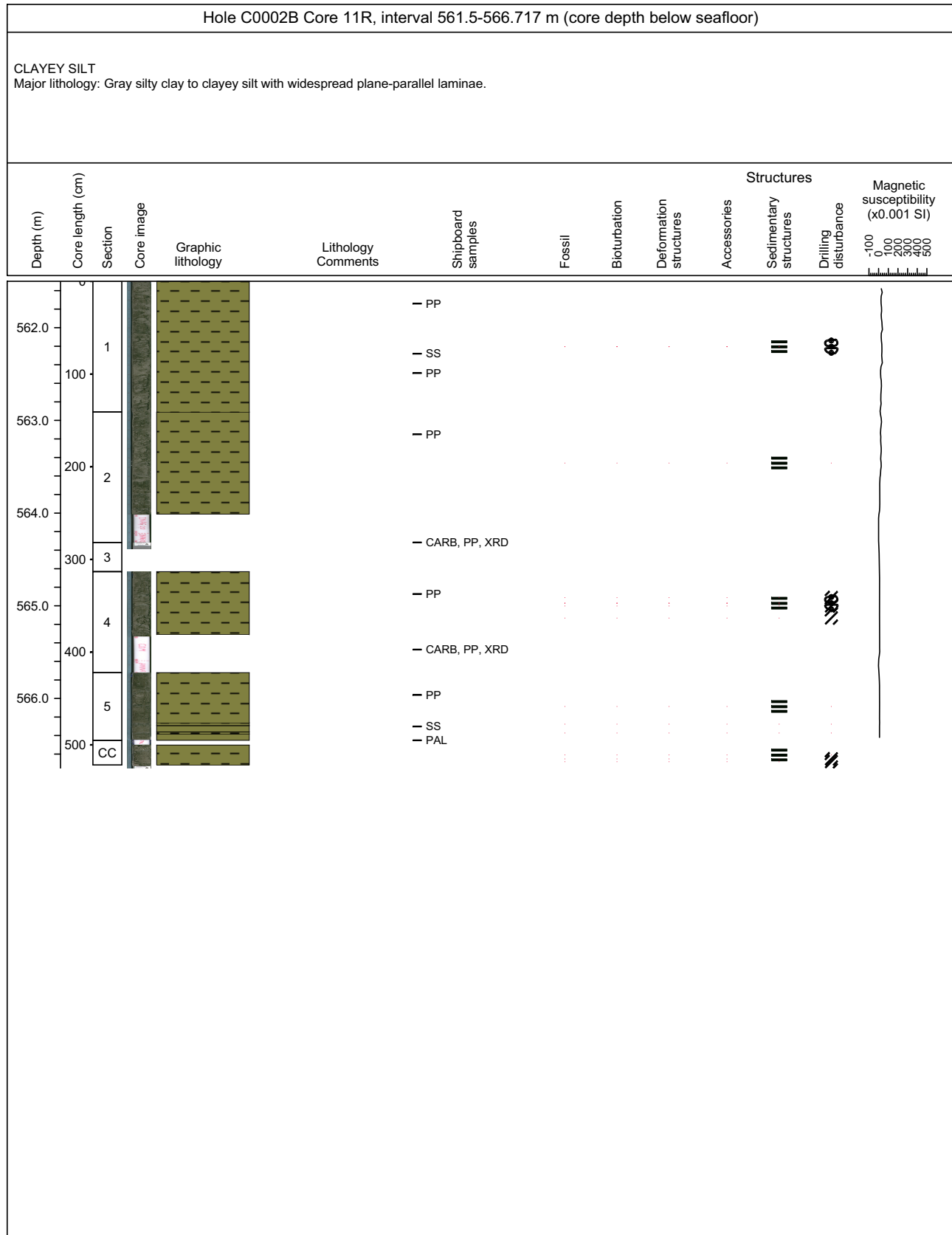
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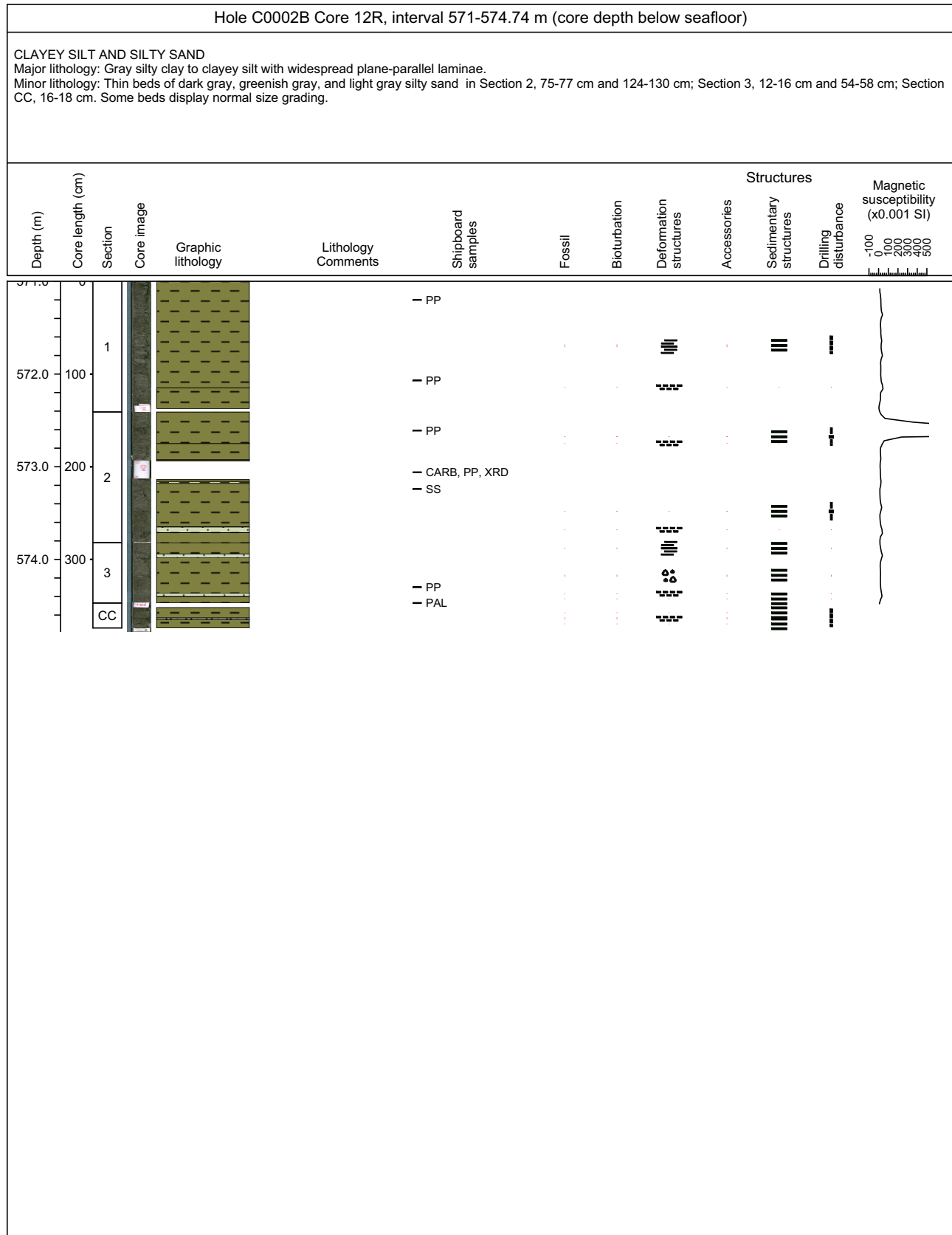
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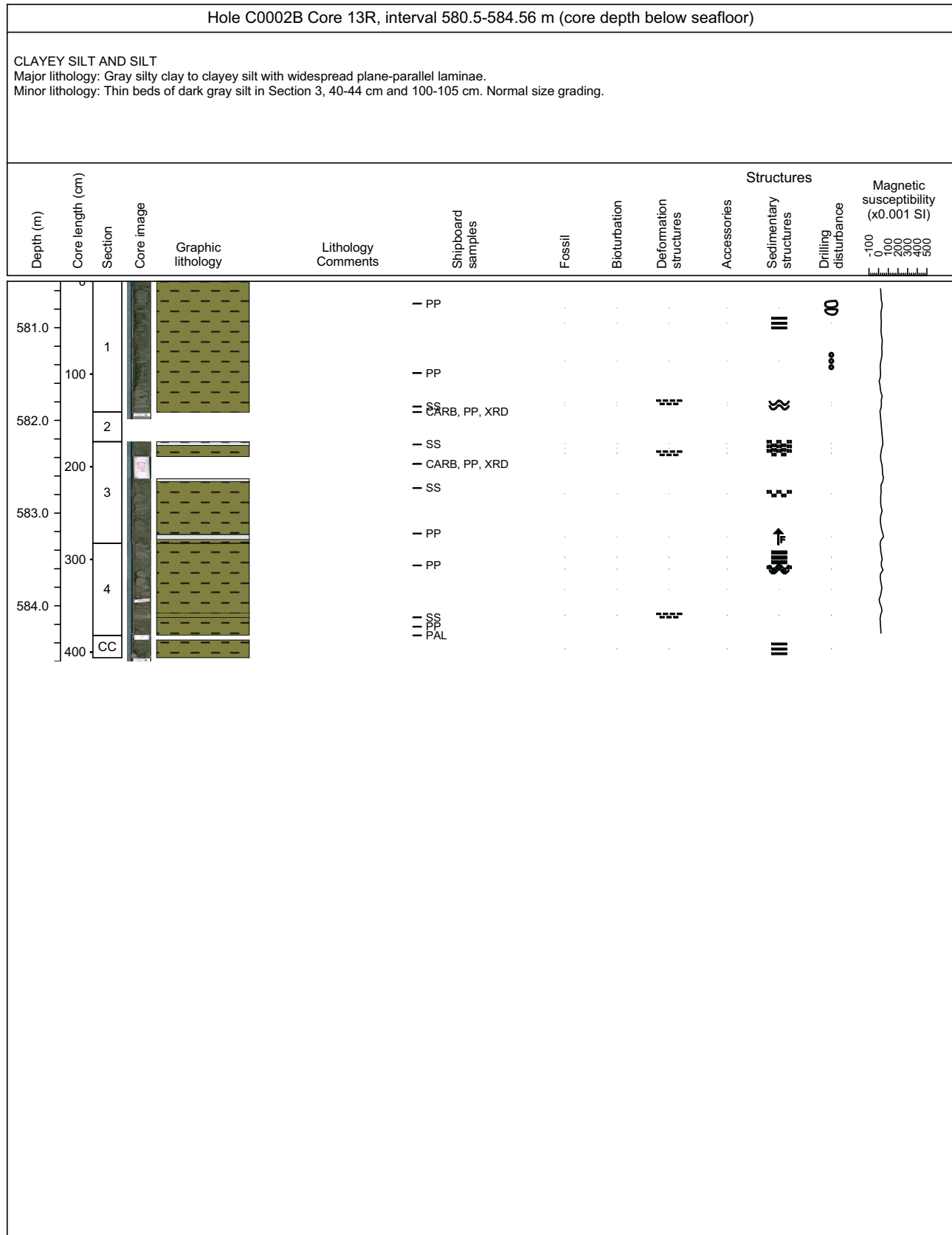
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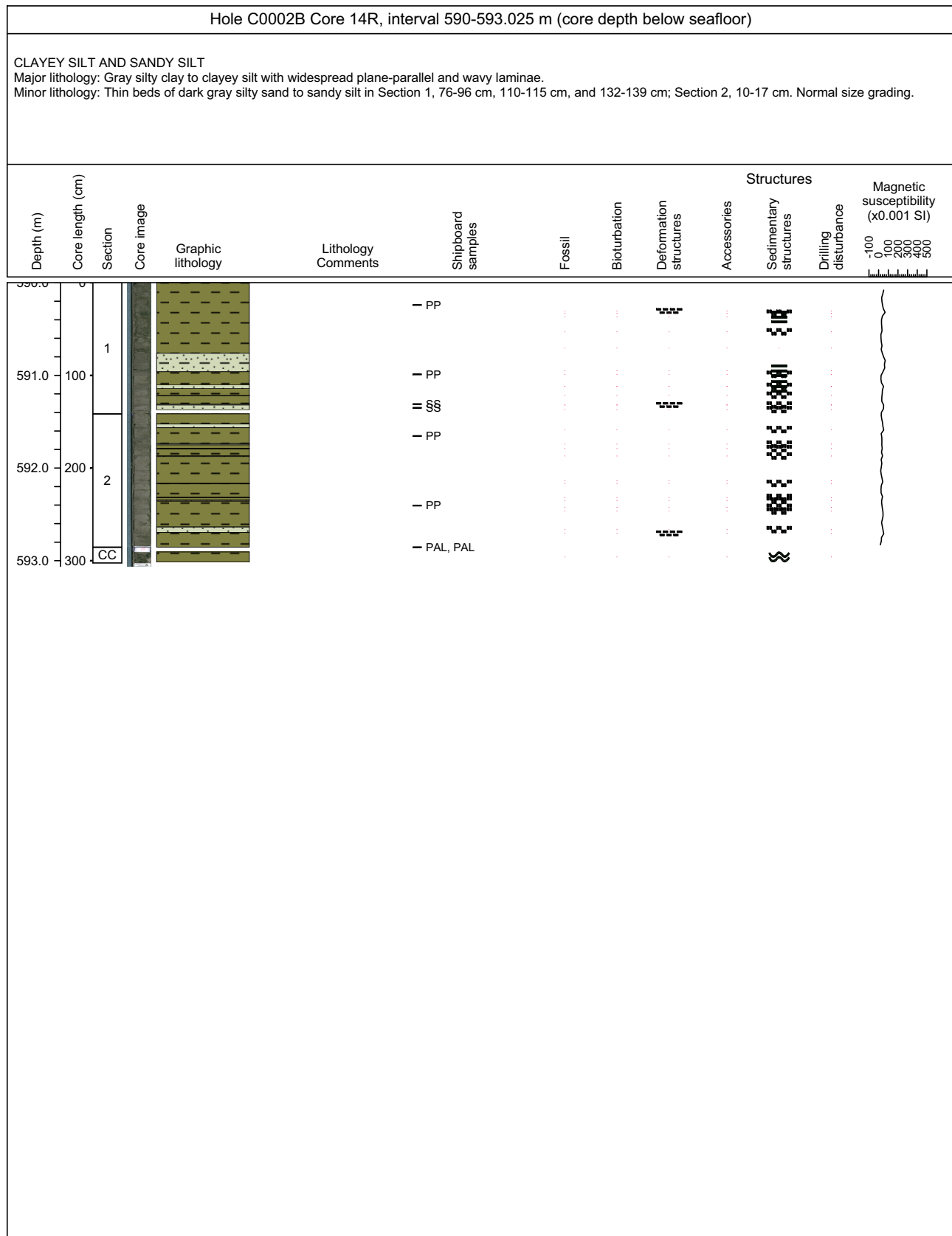
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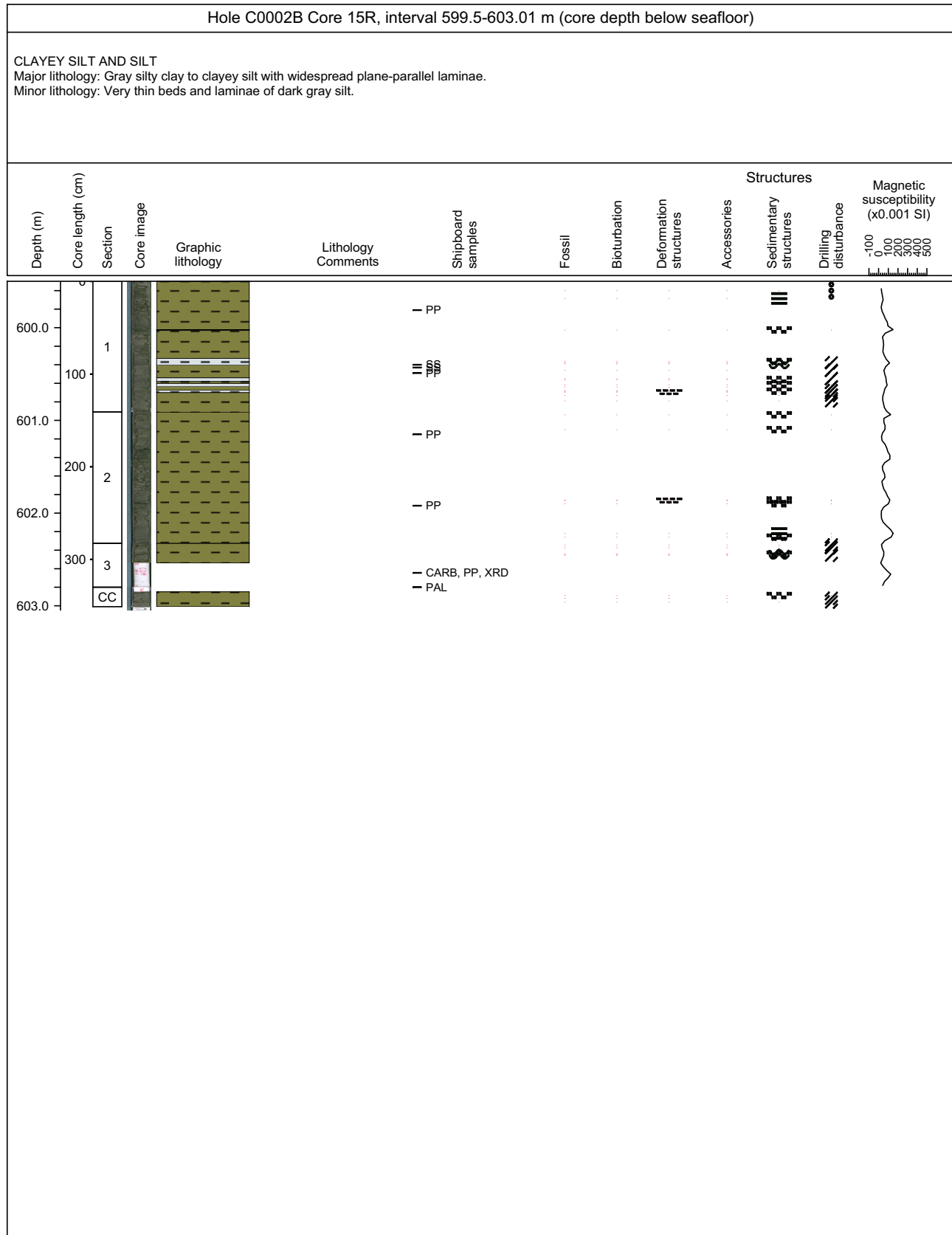
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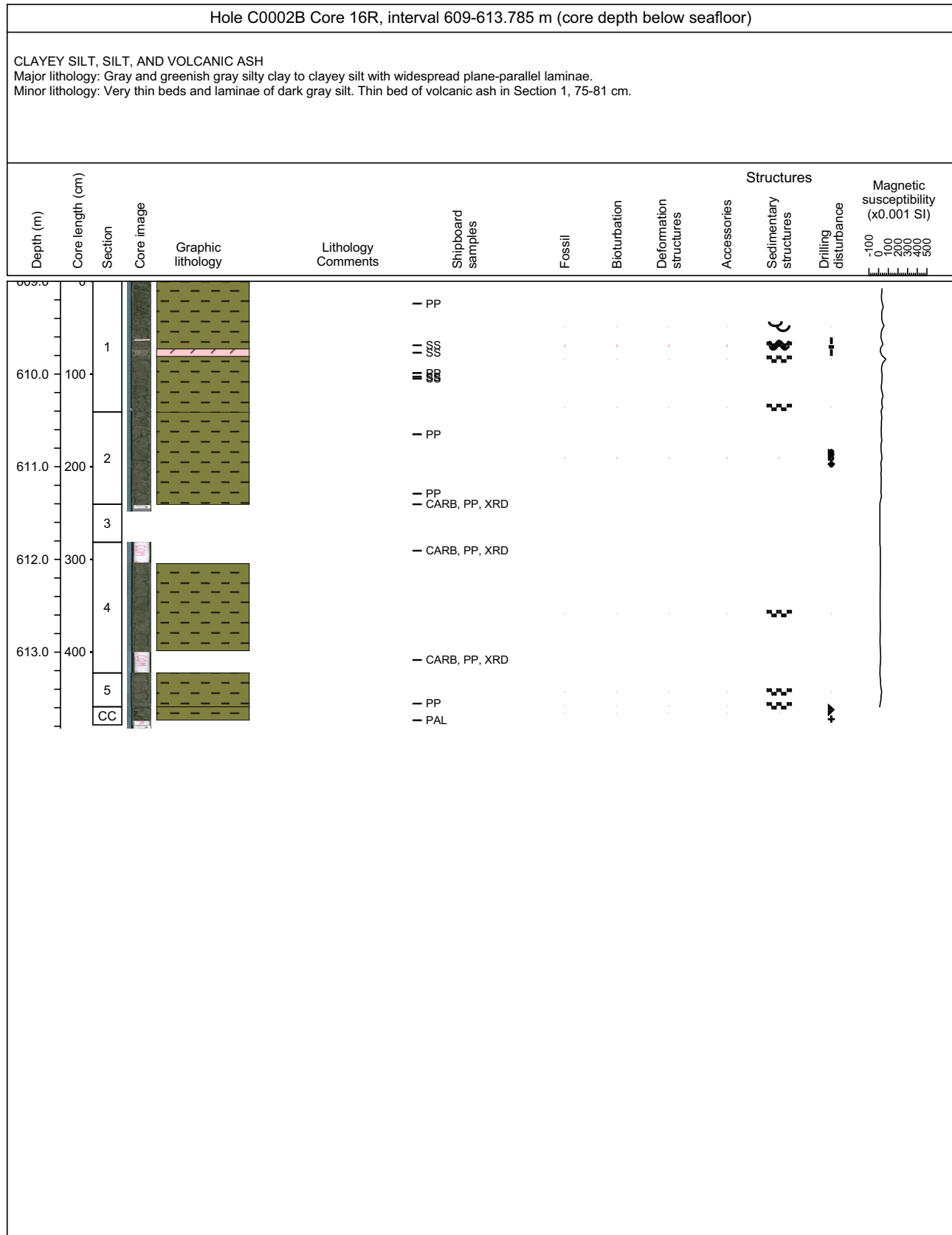
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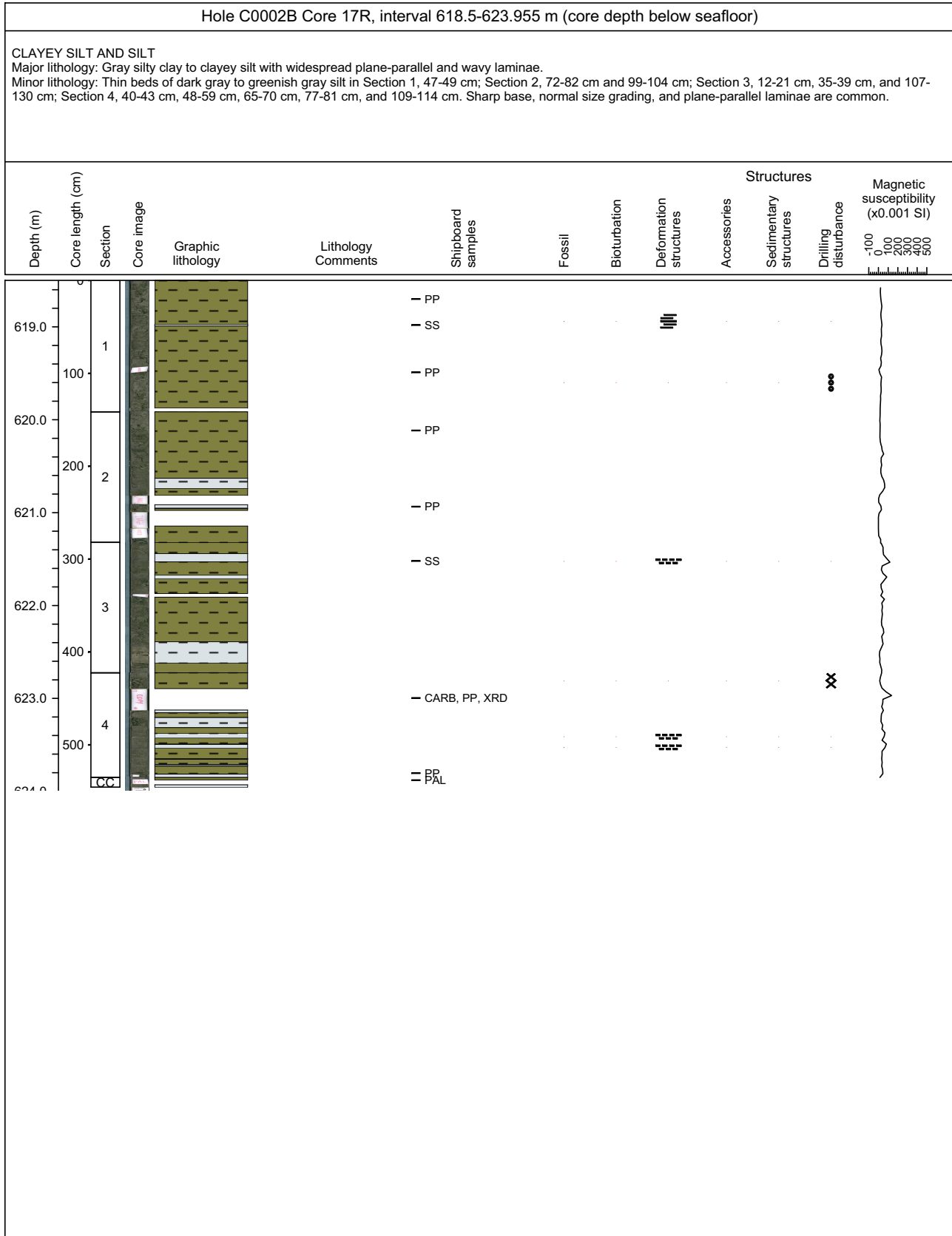
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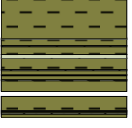

Core Photo



Core Photo

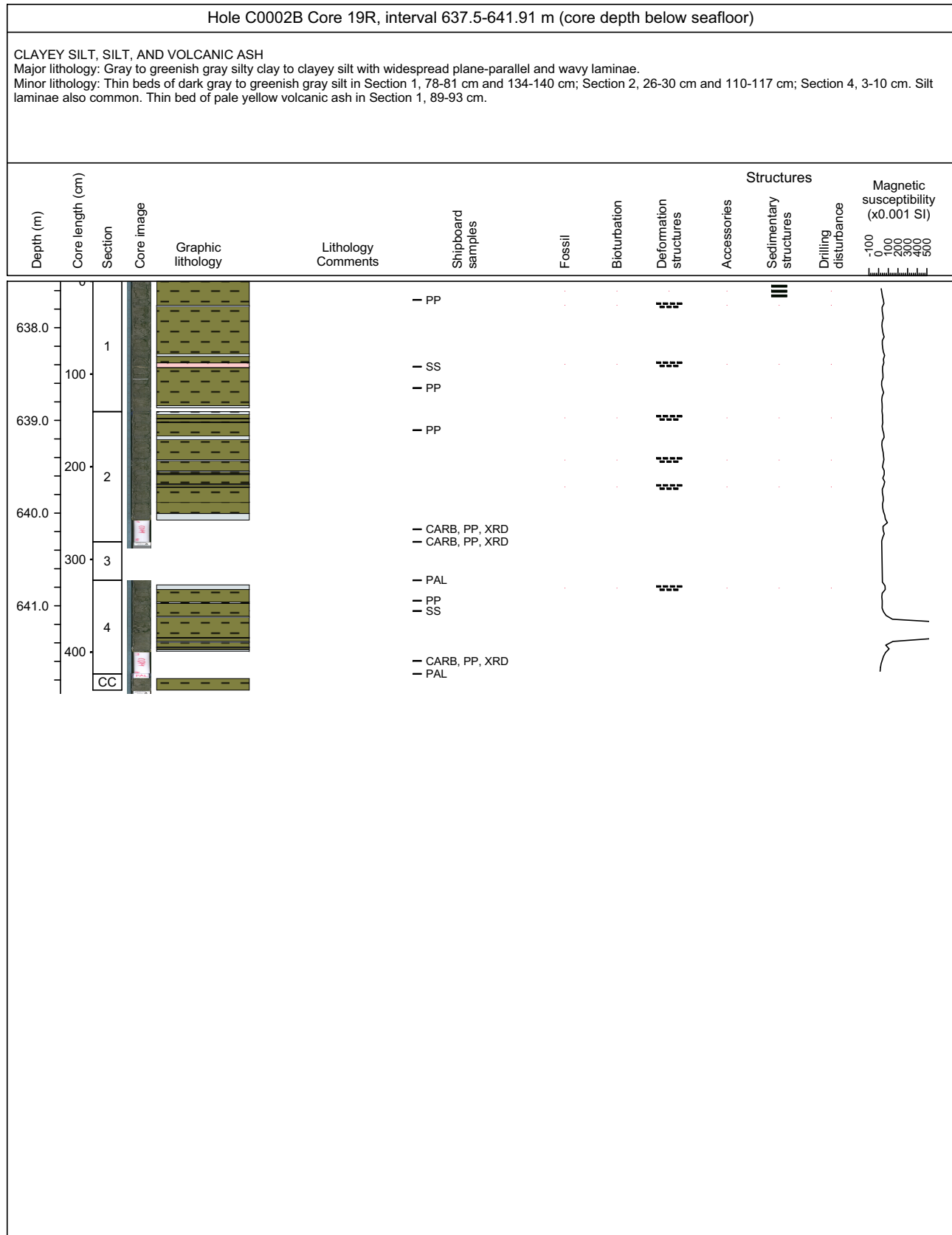


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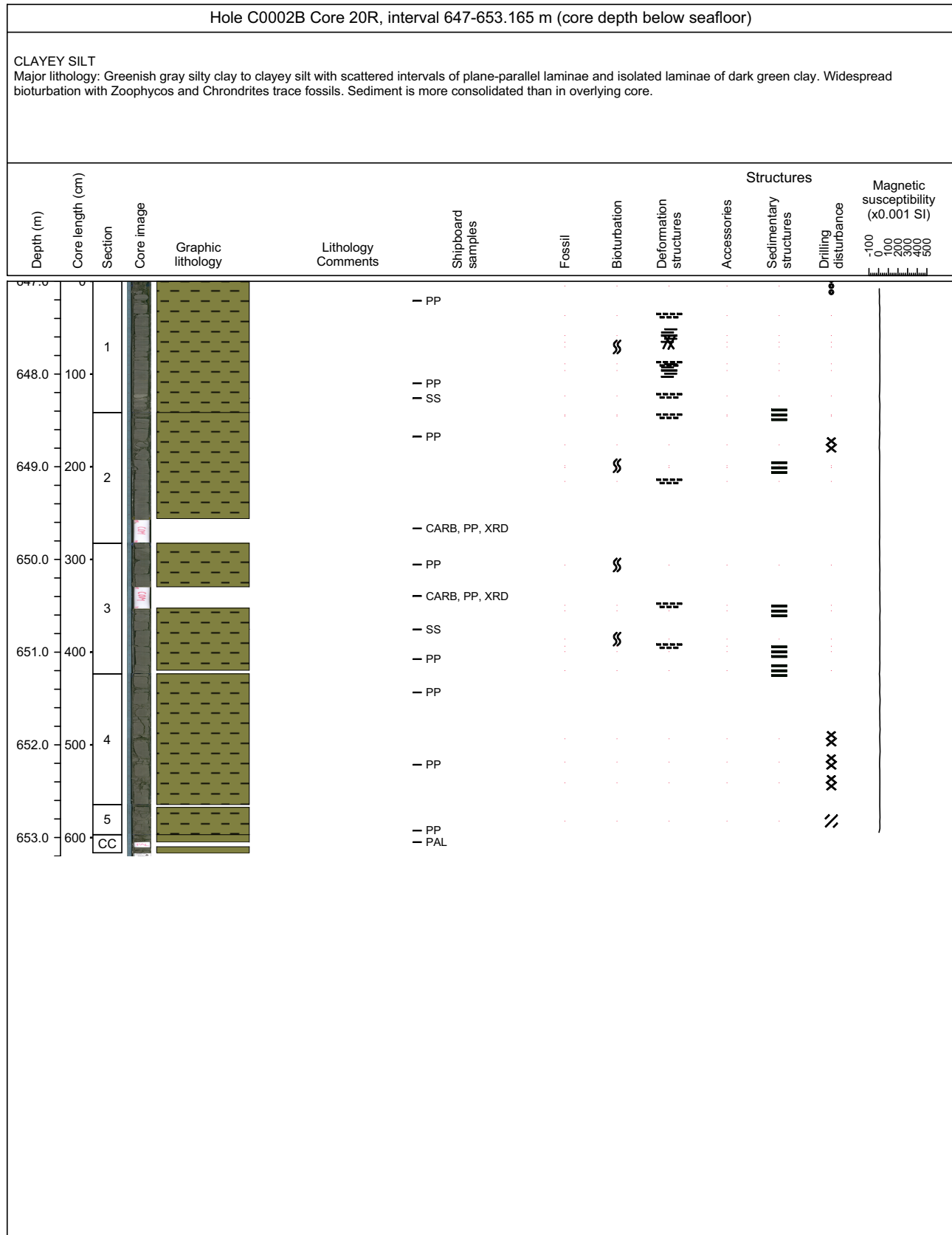
Hole C0002B Core 18R, interval 628-628.99 m (core depth below seafloor)													
CLAYEY SILT AND SILT Major lithology: Gray silty clay to clayey silt. Minor lithology: Laminae and very thin beds of dark gray silt.													
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures Sedimentary structures	Drilling disturbance	Magnetic susceptibility (x0.001 SI)
628.0	1	CC			- PP - SS - PP - PAL								



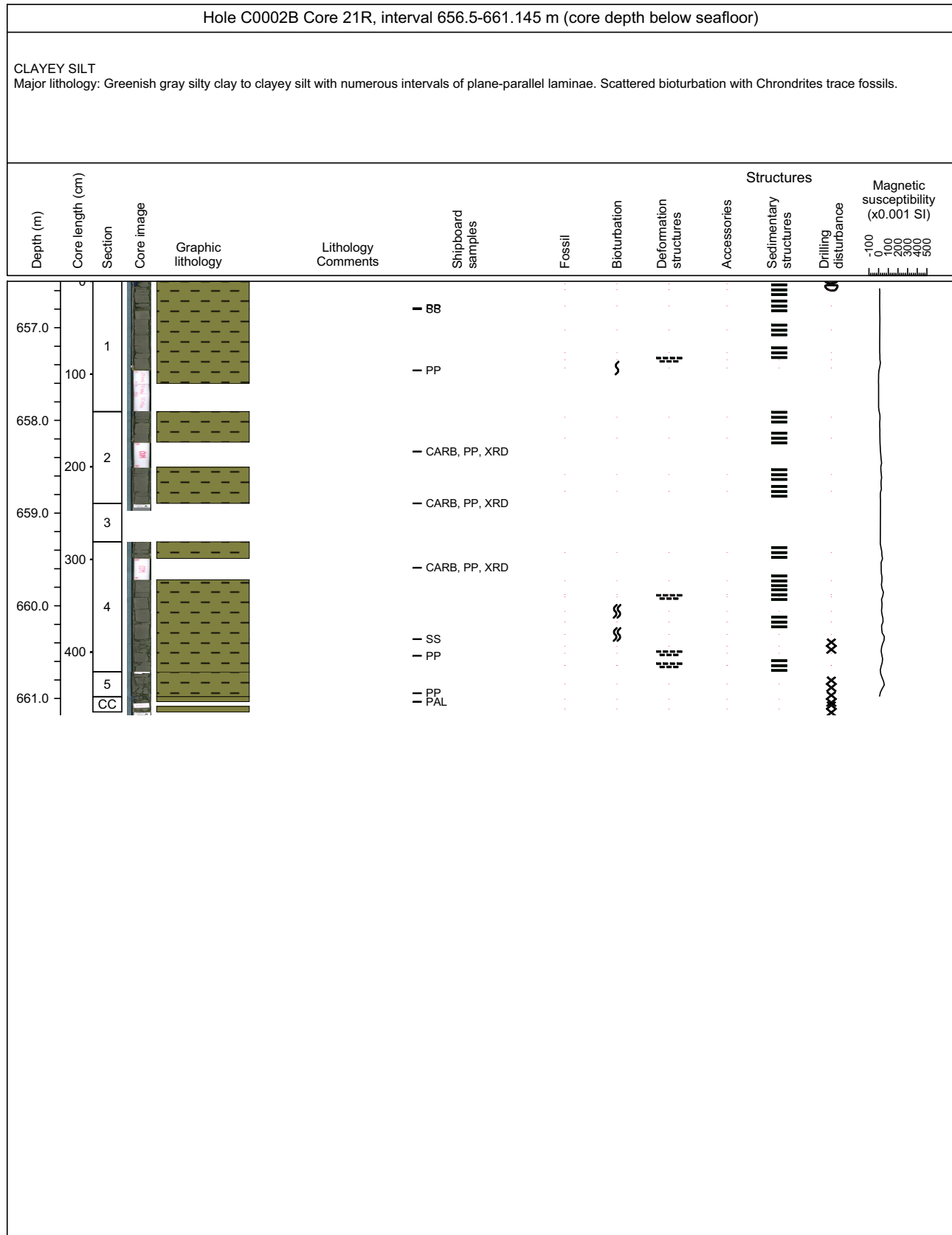
Core Photo



Core Photo



Core Photo

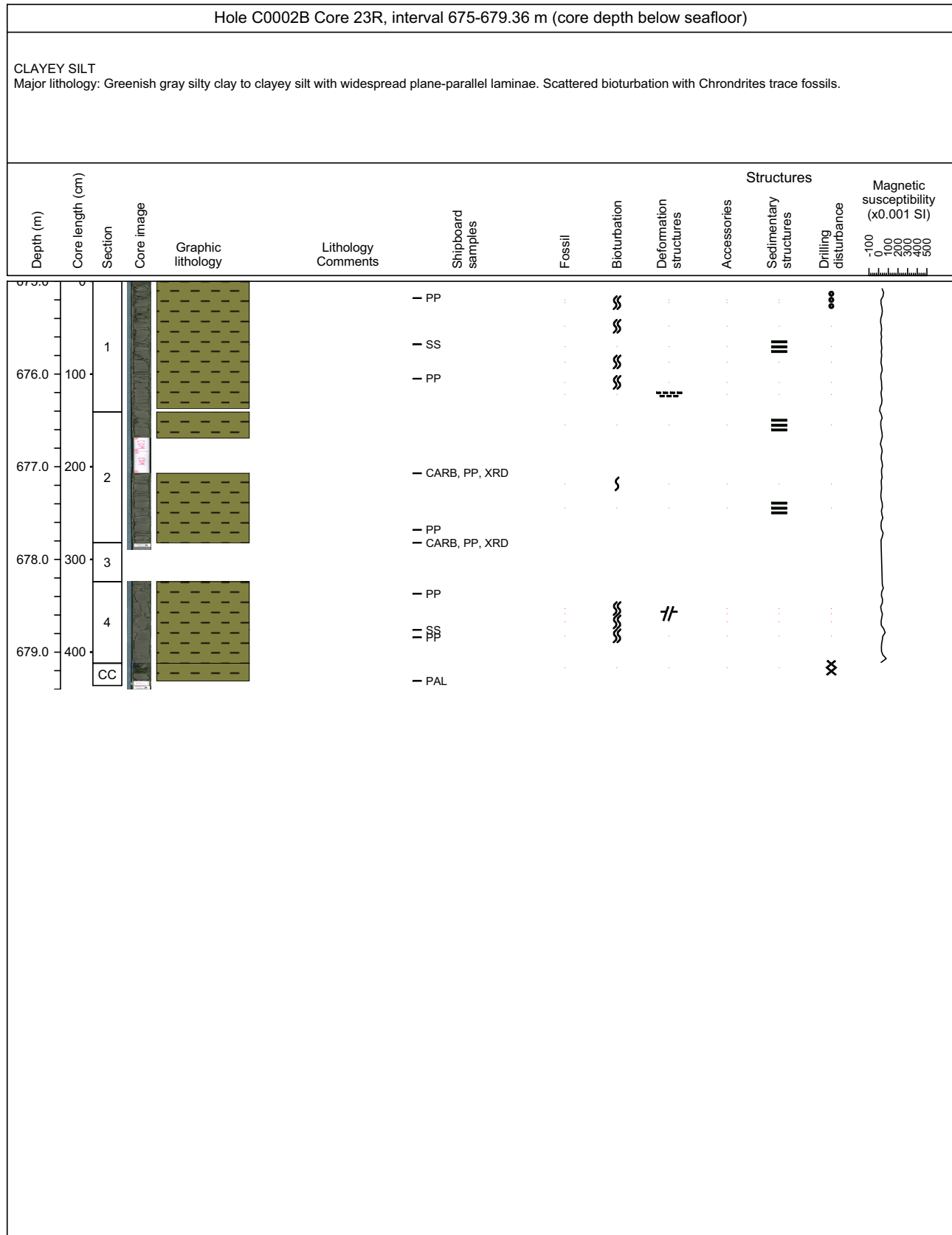


Core Photo

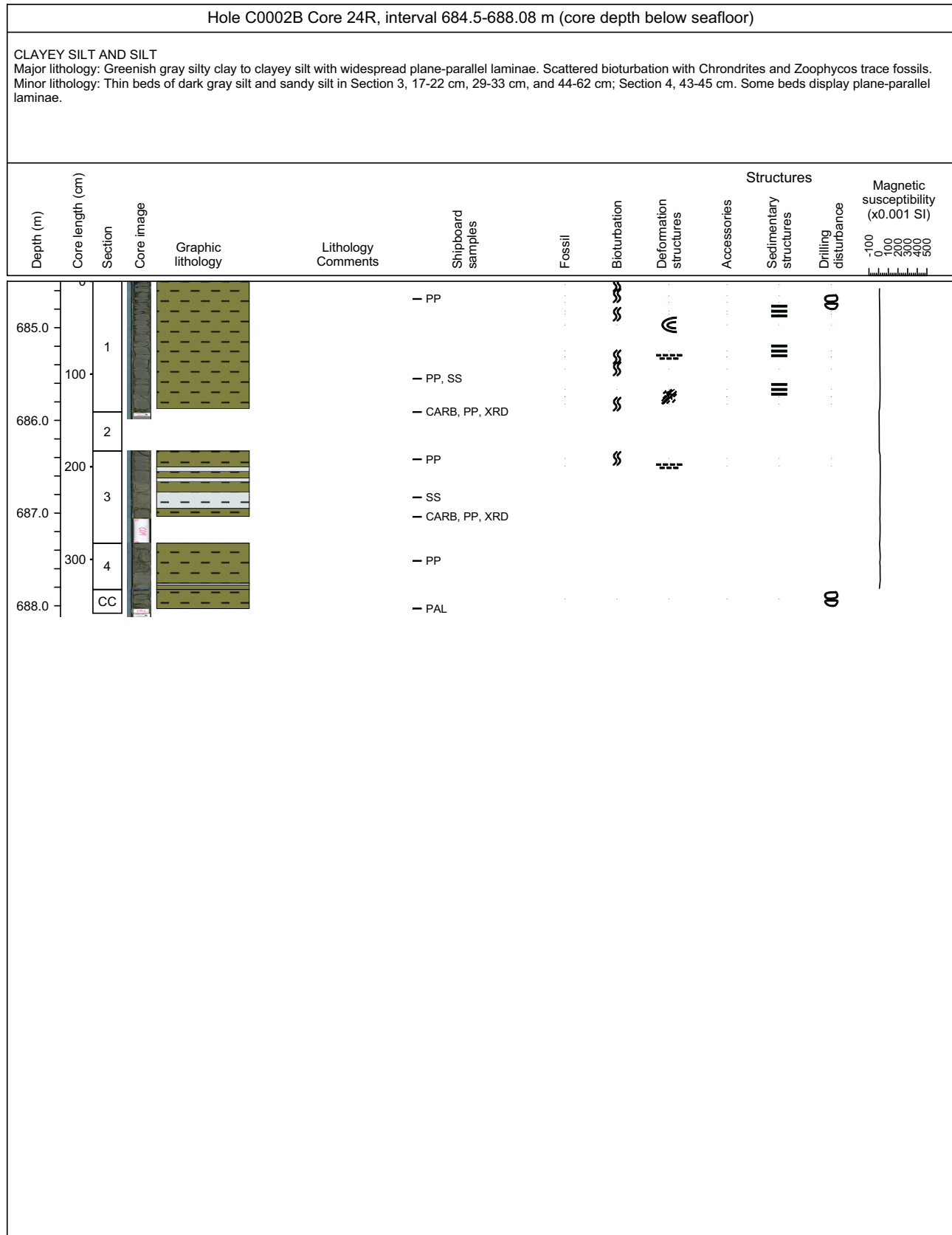
Hole C0002B Core 22R, interval 666-666.315 m (core depth below seafloor)												
CLAYEY SILT Major lithology: Greenish gray silty clay to clayey silt with isolated plane-parallel laminae.												
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures Sedimentary structures	Magnetic susceptibility (x0.001 SI)
666.000	100	1				PP PAL						



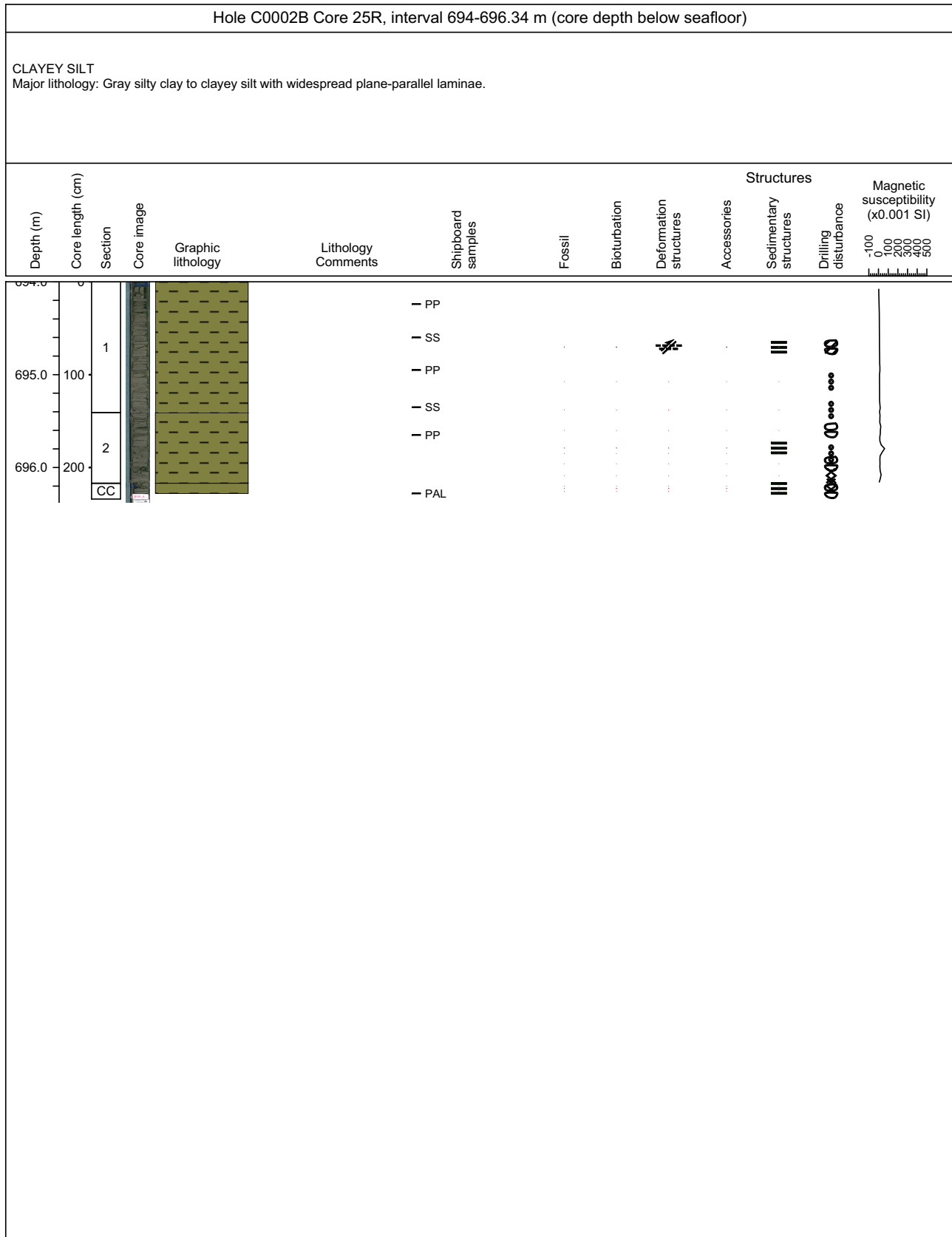
Core Photo



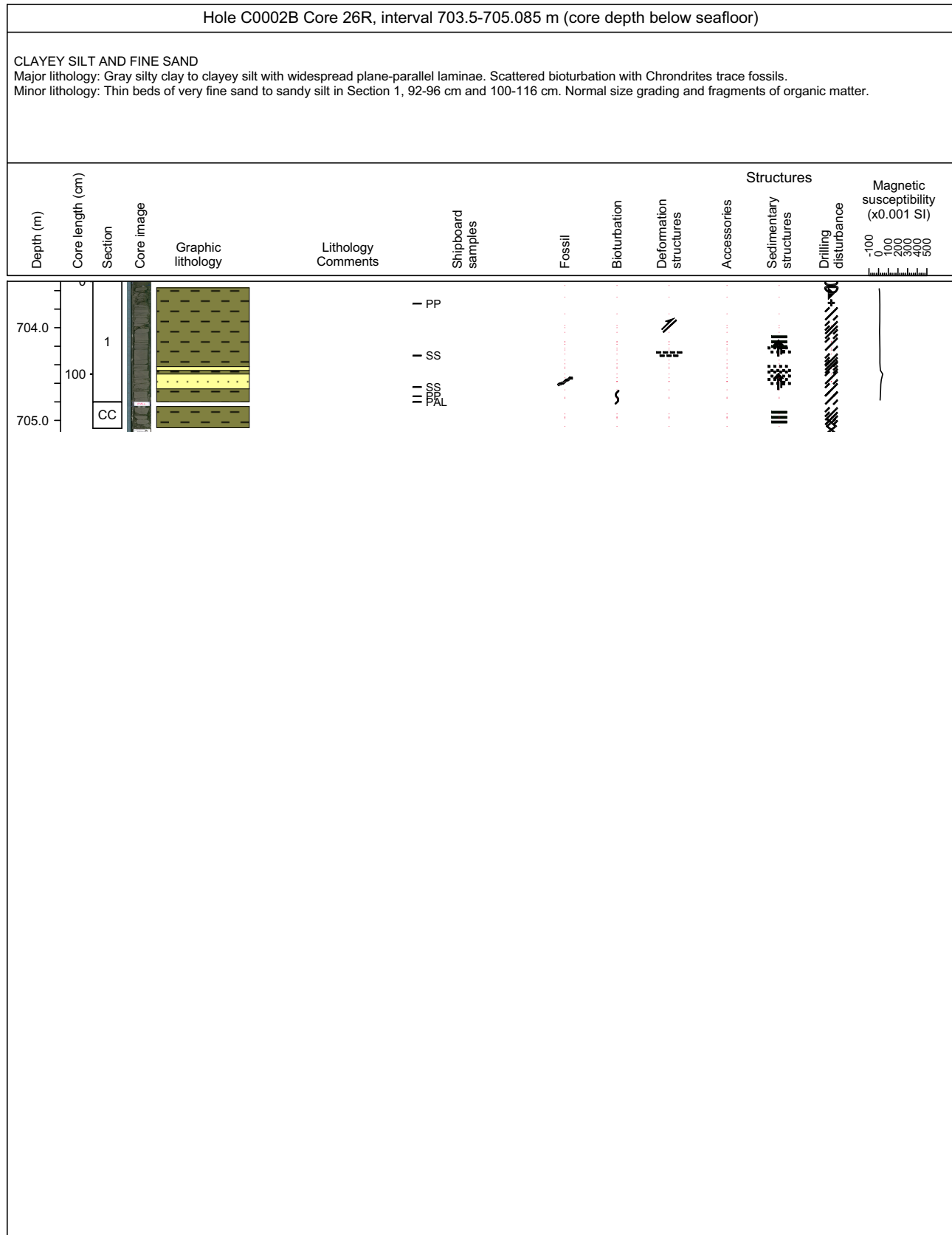
Core Photo



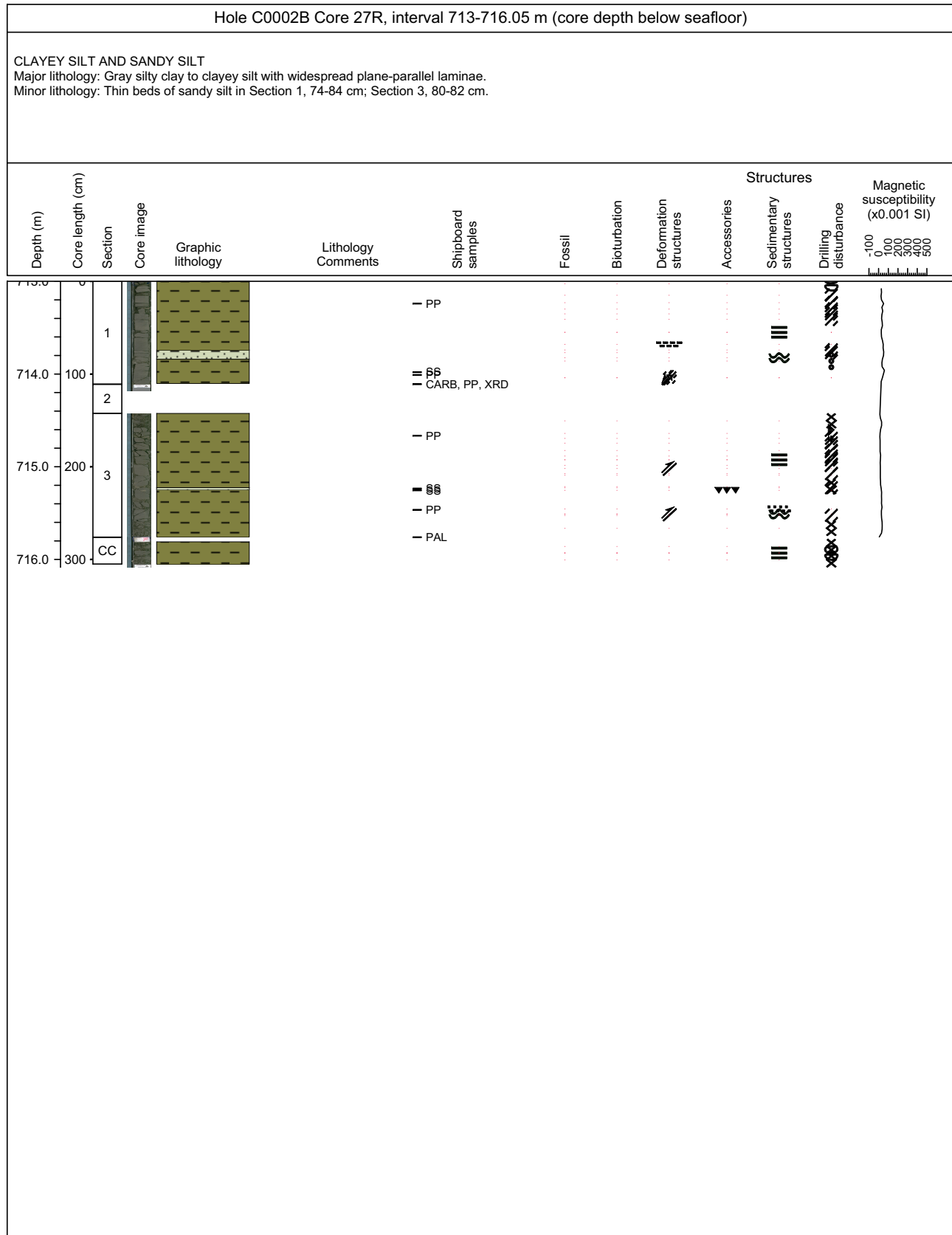
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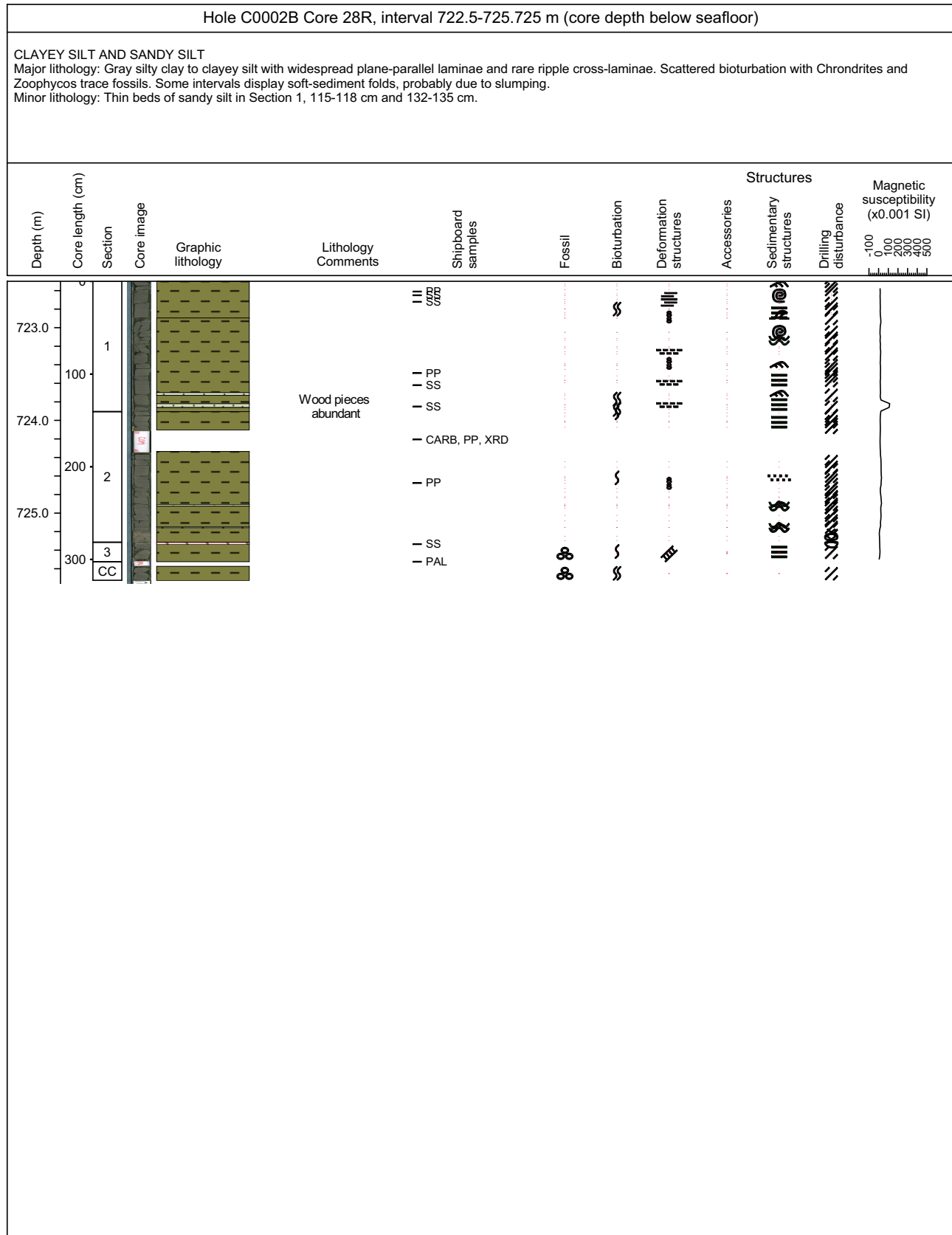
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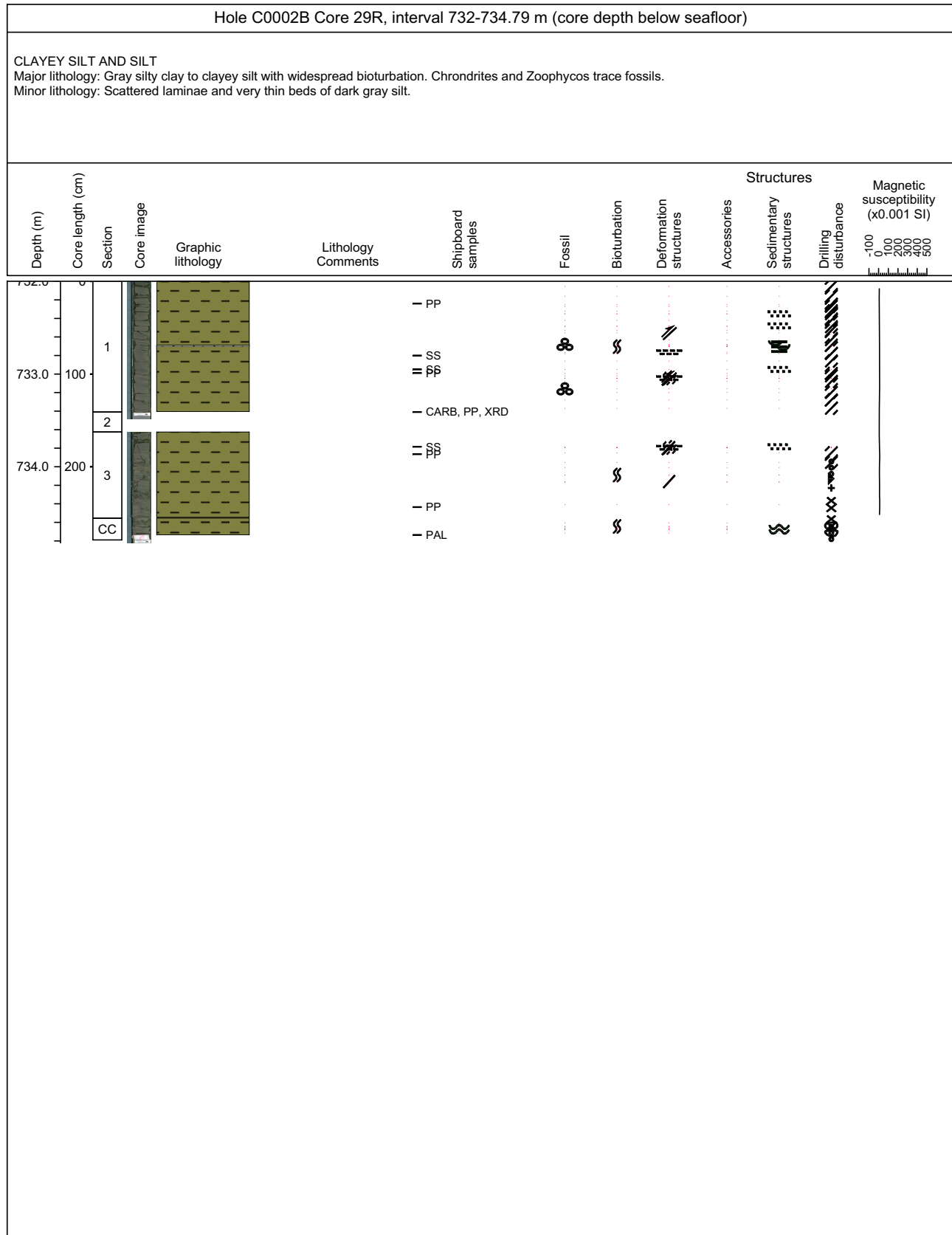
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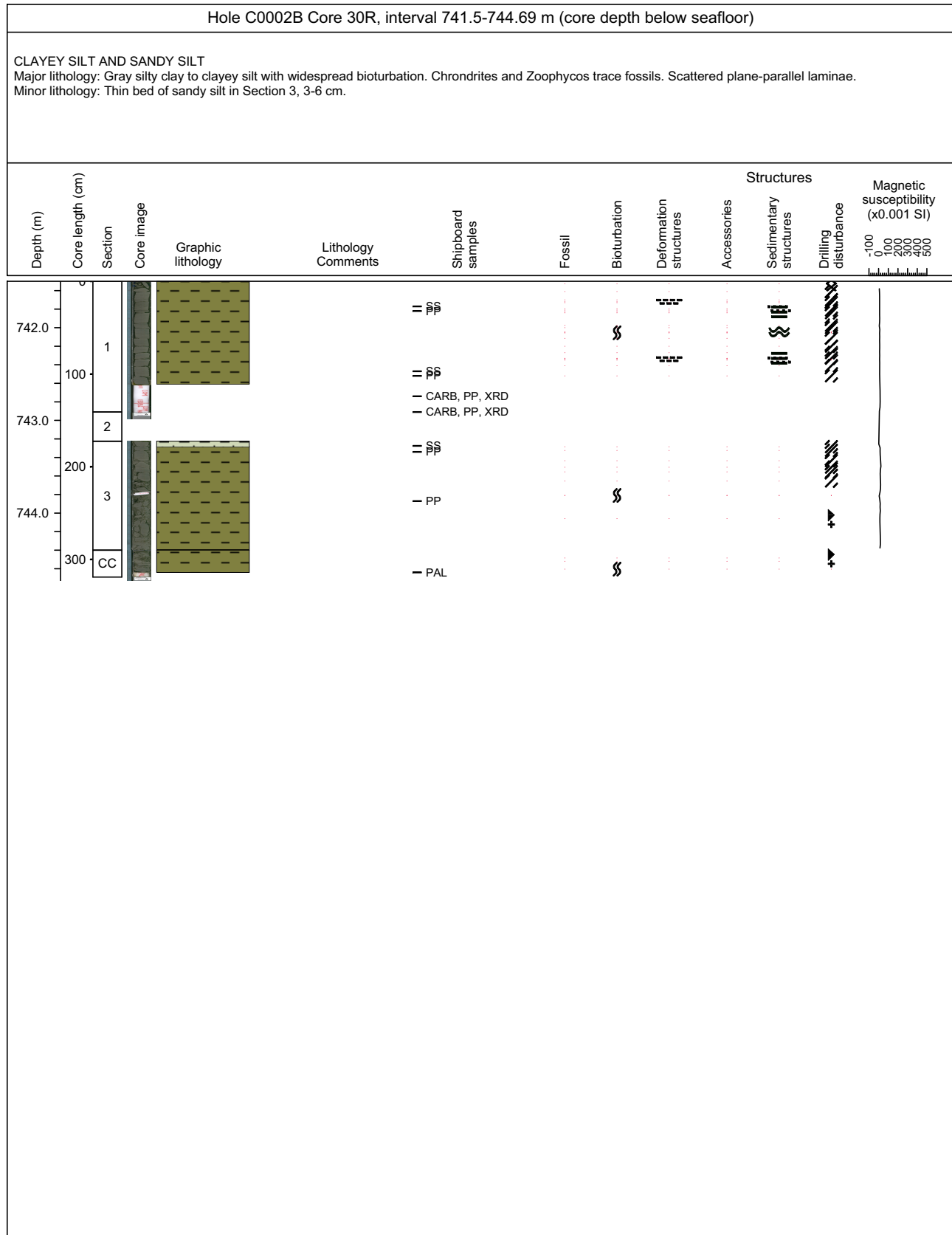
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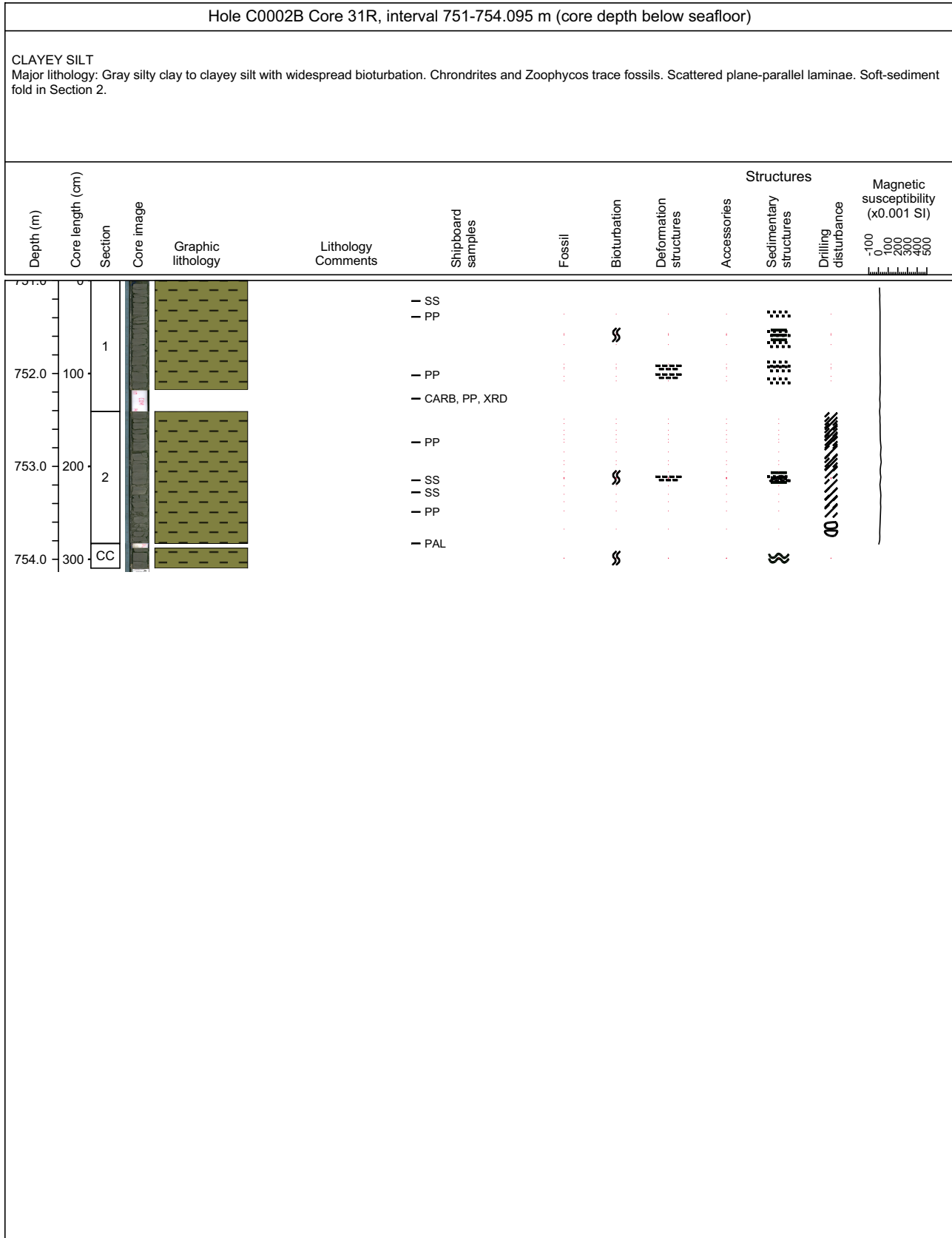
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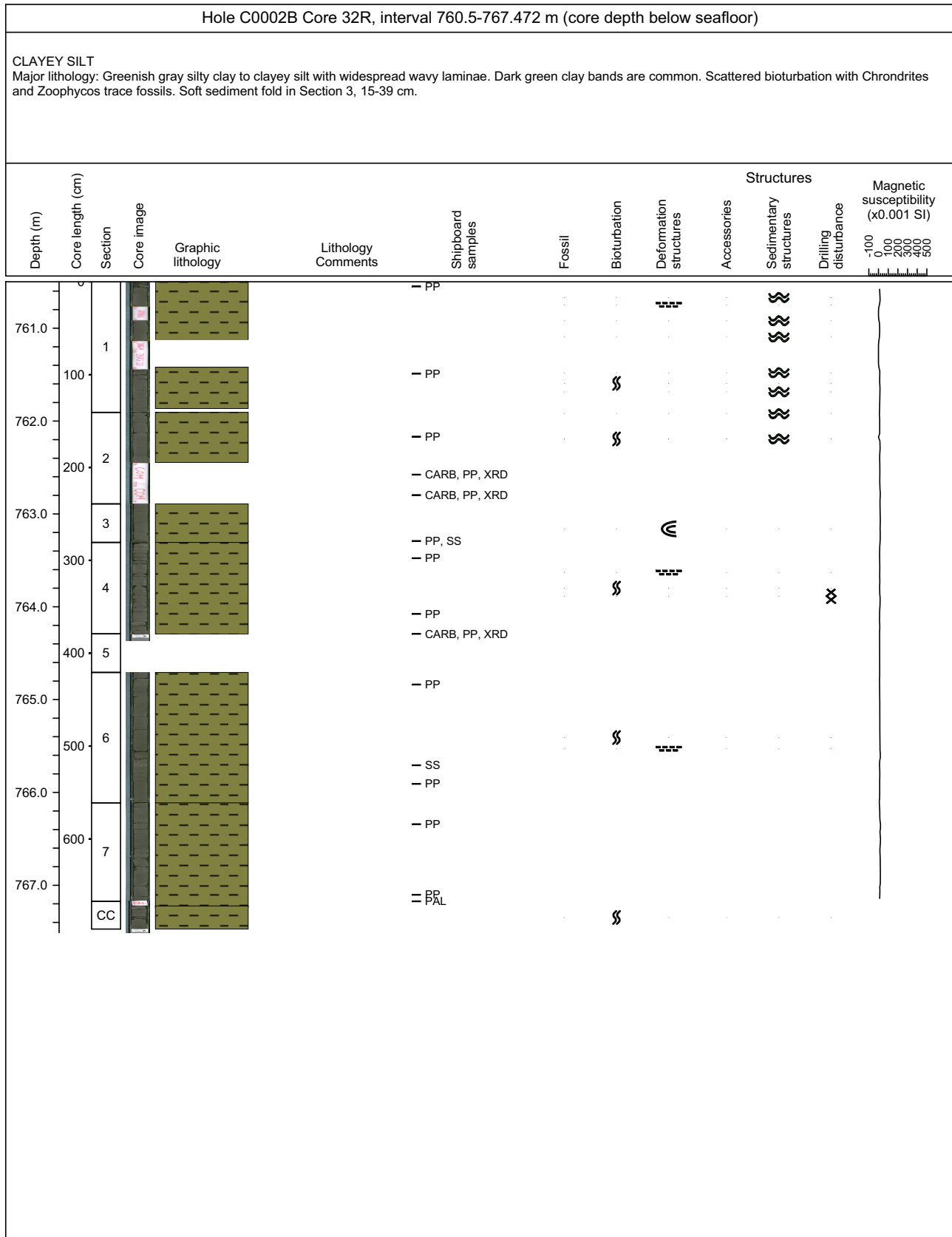
Core Photo



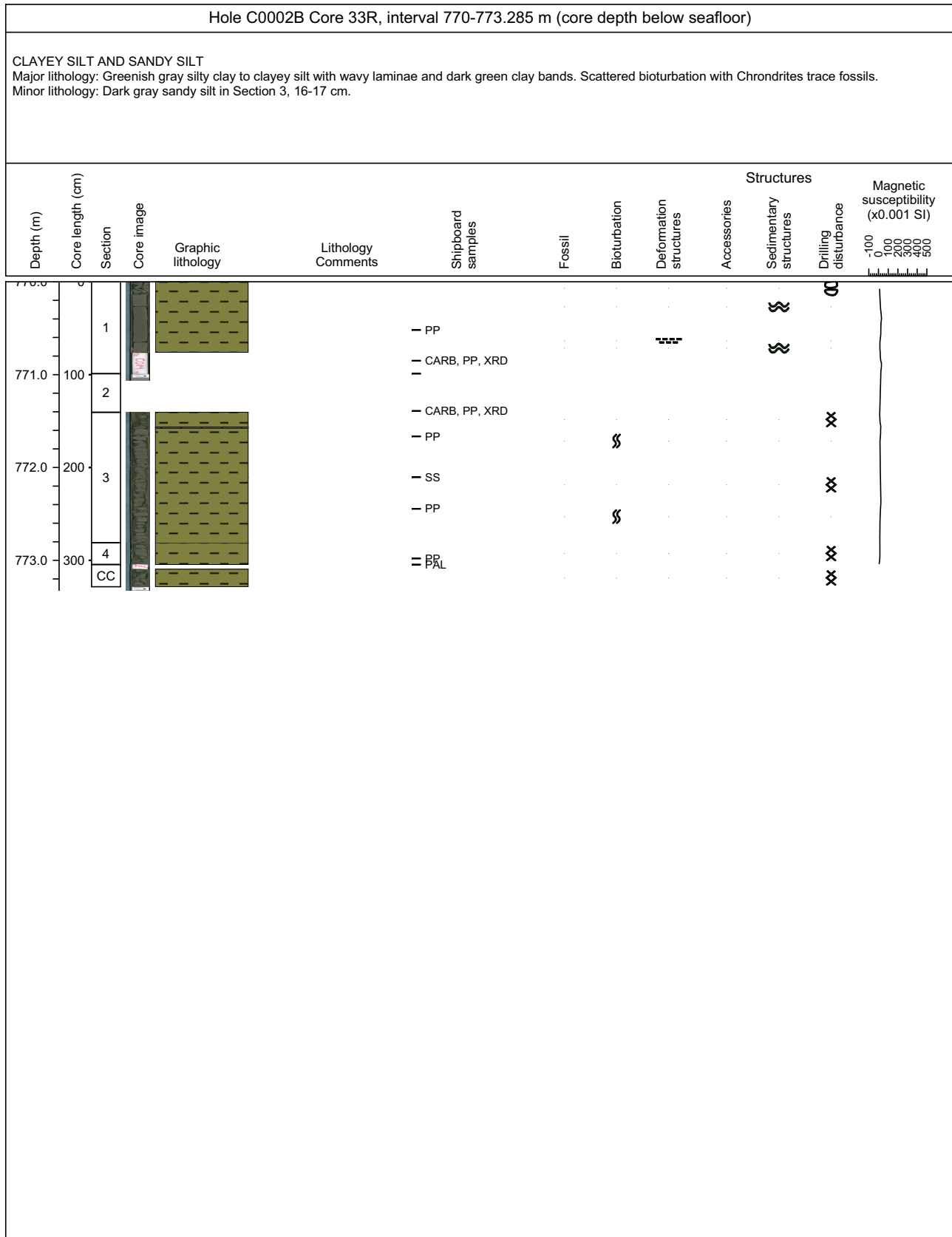
Core Photo



Core Photo



Core Photo



Hole C0002B Cores 34R and 35R No recovery

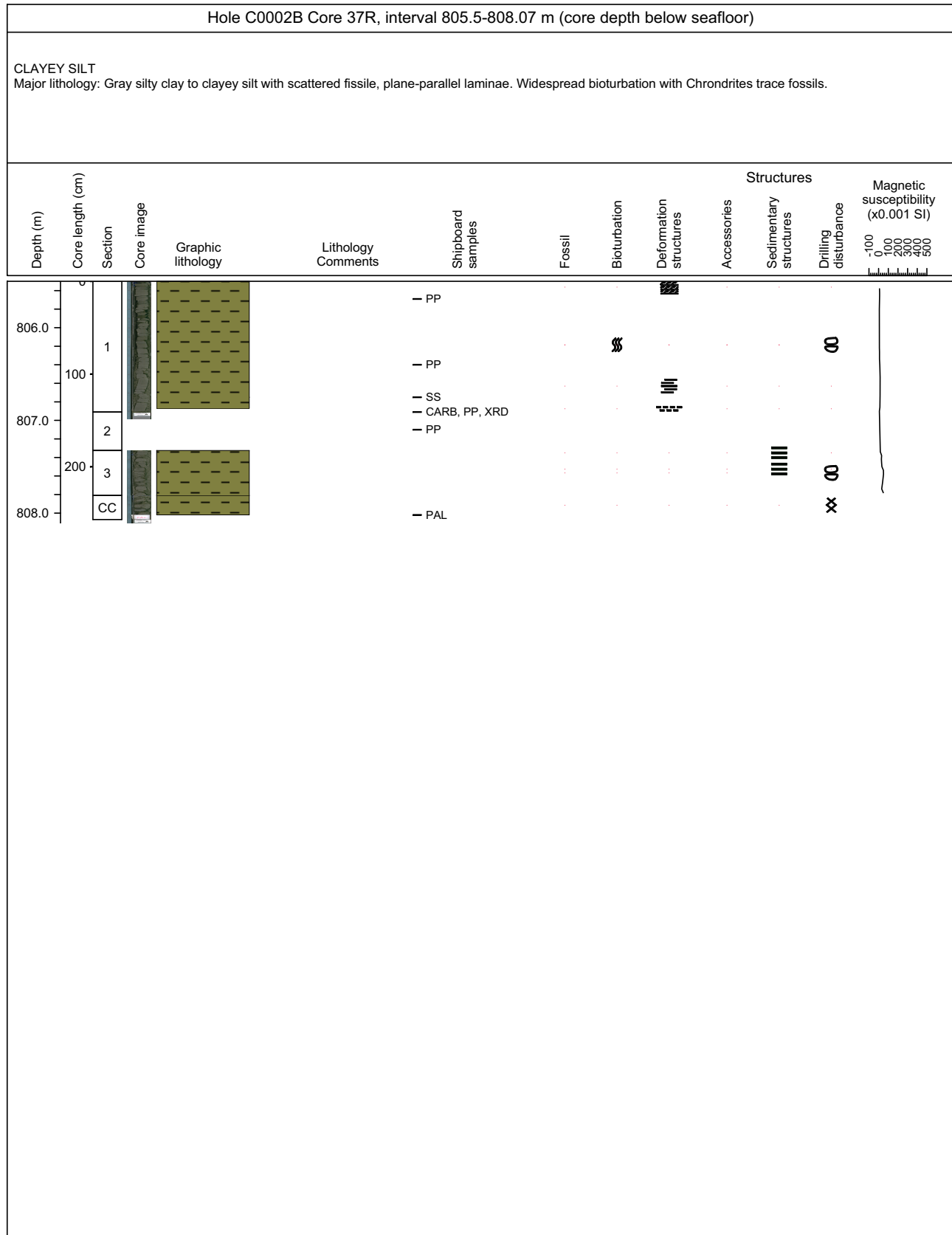


Core Photo

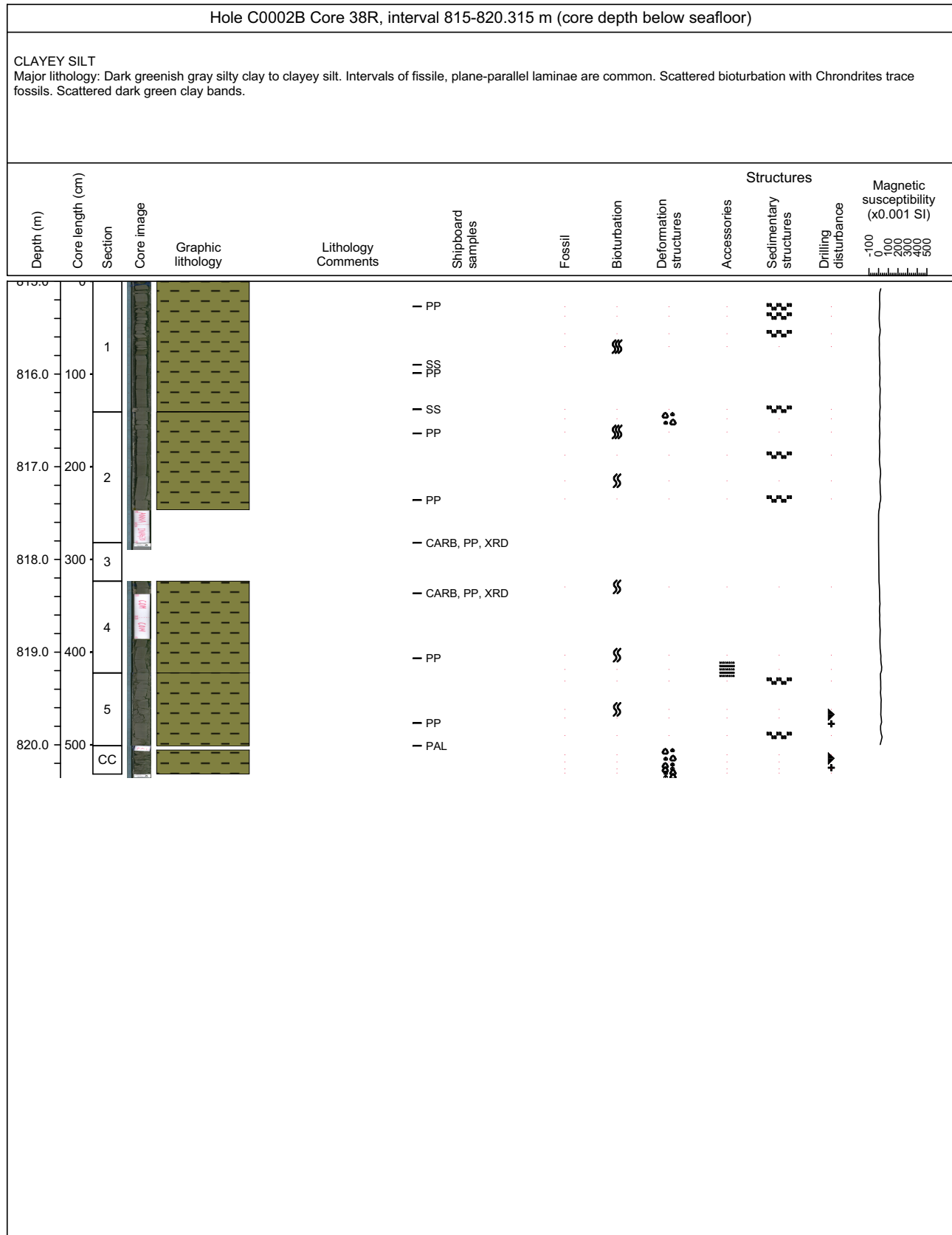
Hole C0002B Core 36R, interval 796-797.915 m (core depth below seafloor)													
CLAYEY SILT Major lithology: Greenish gray silty clay to clayey silt with fissile, plane-parallel laminae. Scattered bioturbation with Chondrites trace fossils.													
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Accessories	Structures Sedimentary structures	Drilling disturbance	Magnetic susceptibility (x0.001 SI)
796.0	0					— PP		§					
797.0	100	1				— SS						∞	
		2				— PP							
		CC				— PP — PAL						xx xx	
								§				xx xx	



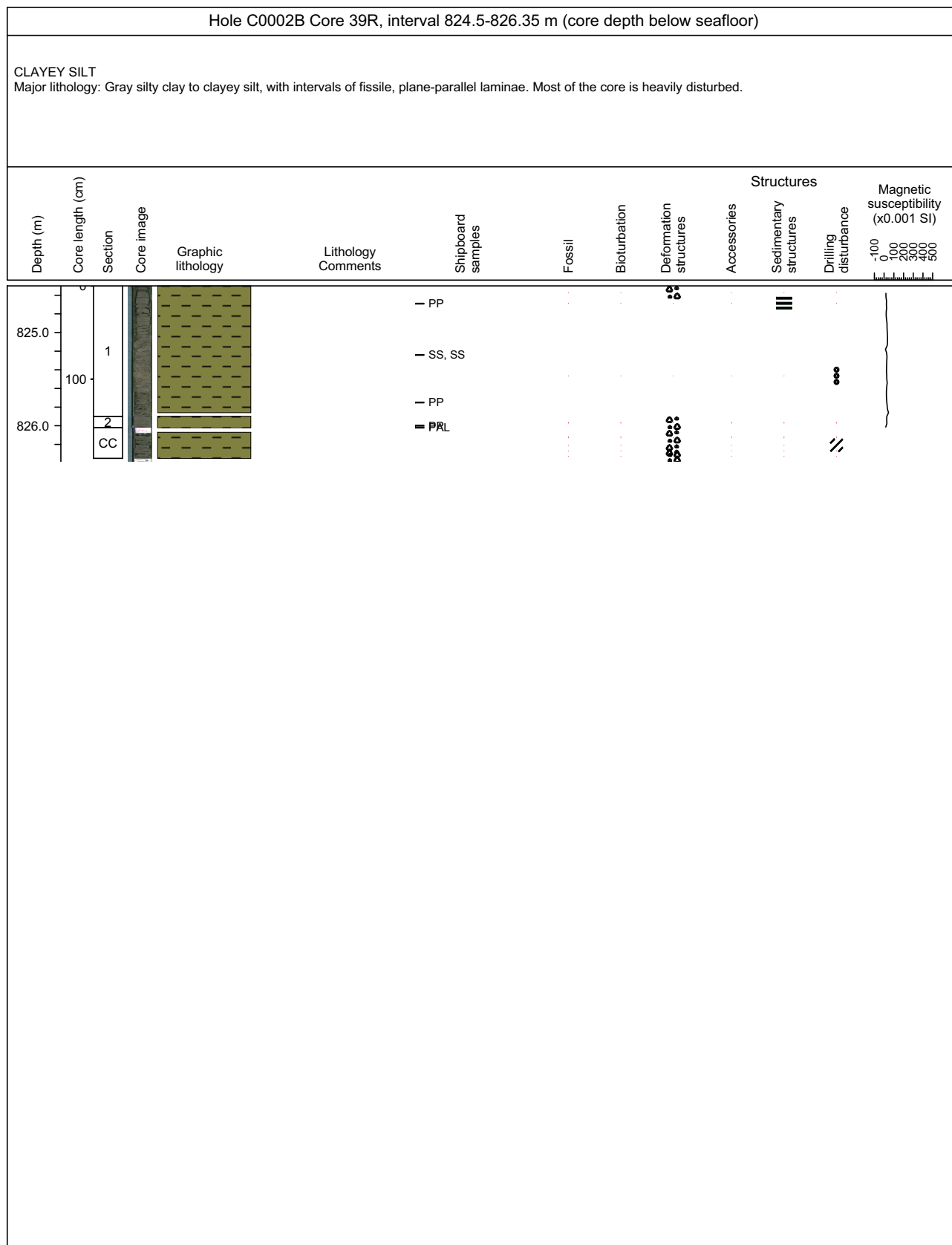
Core Photo



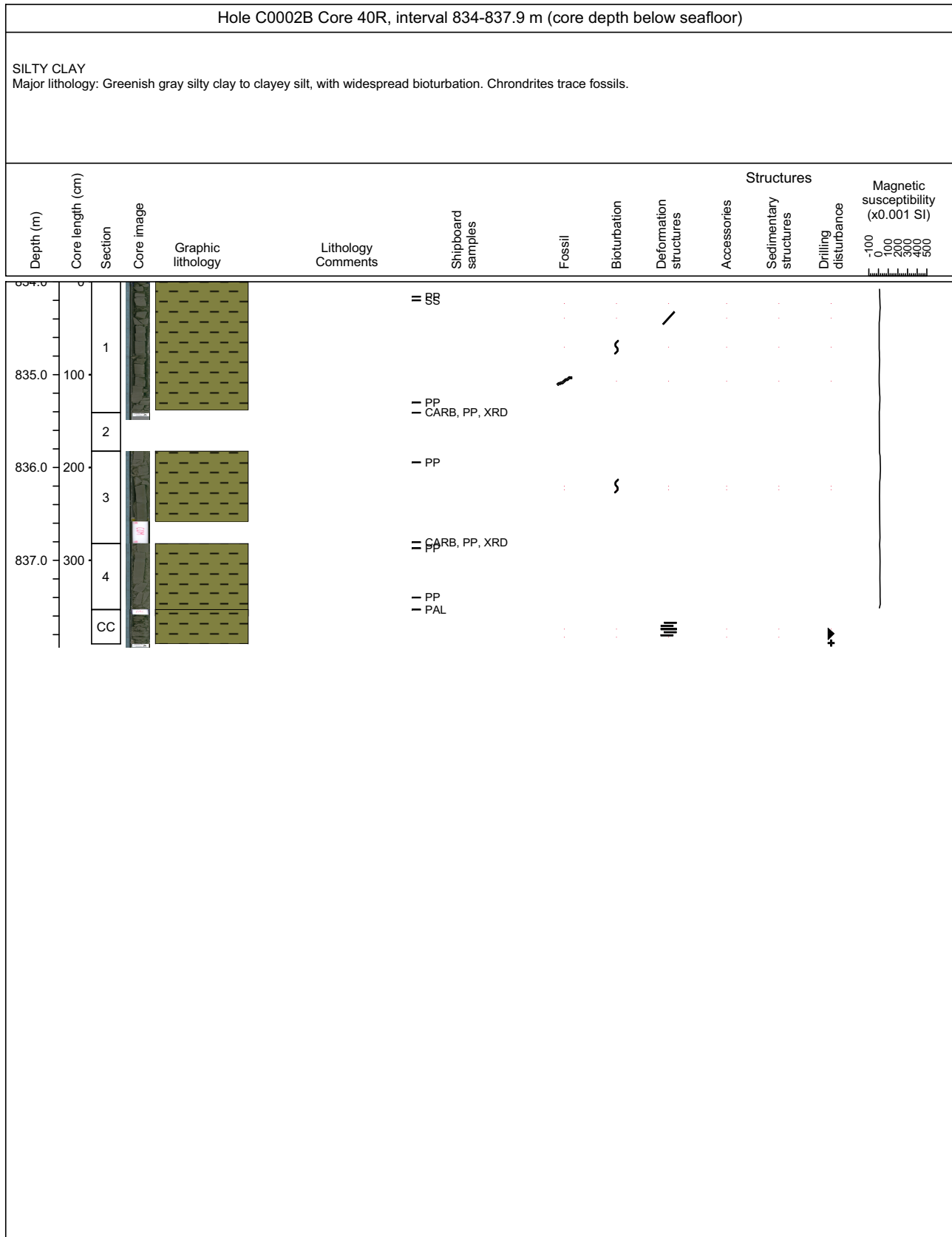
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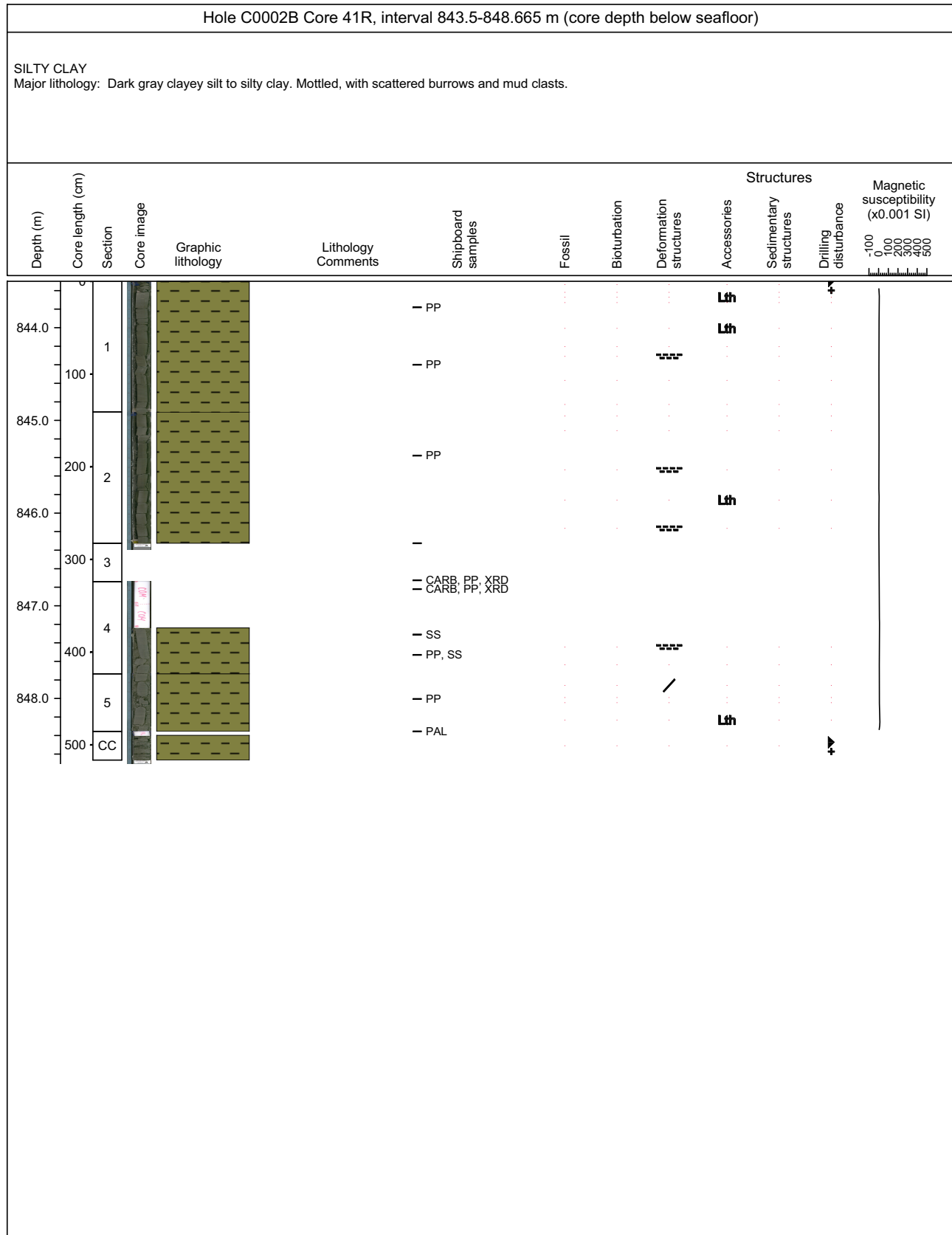
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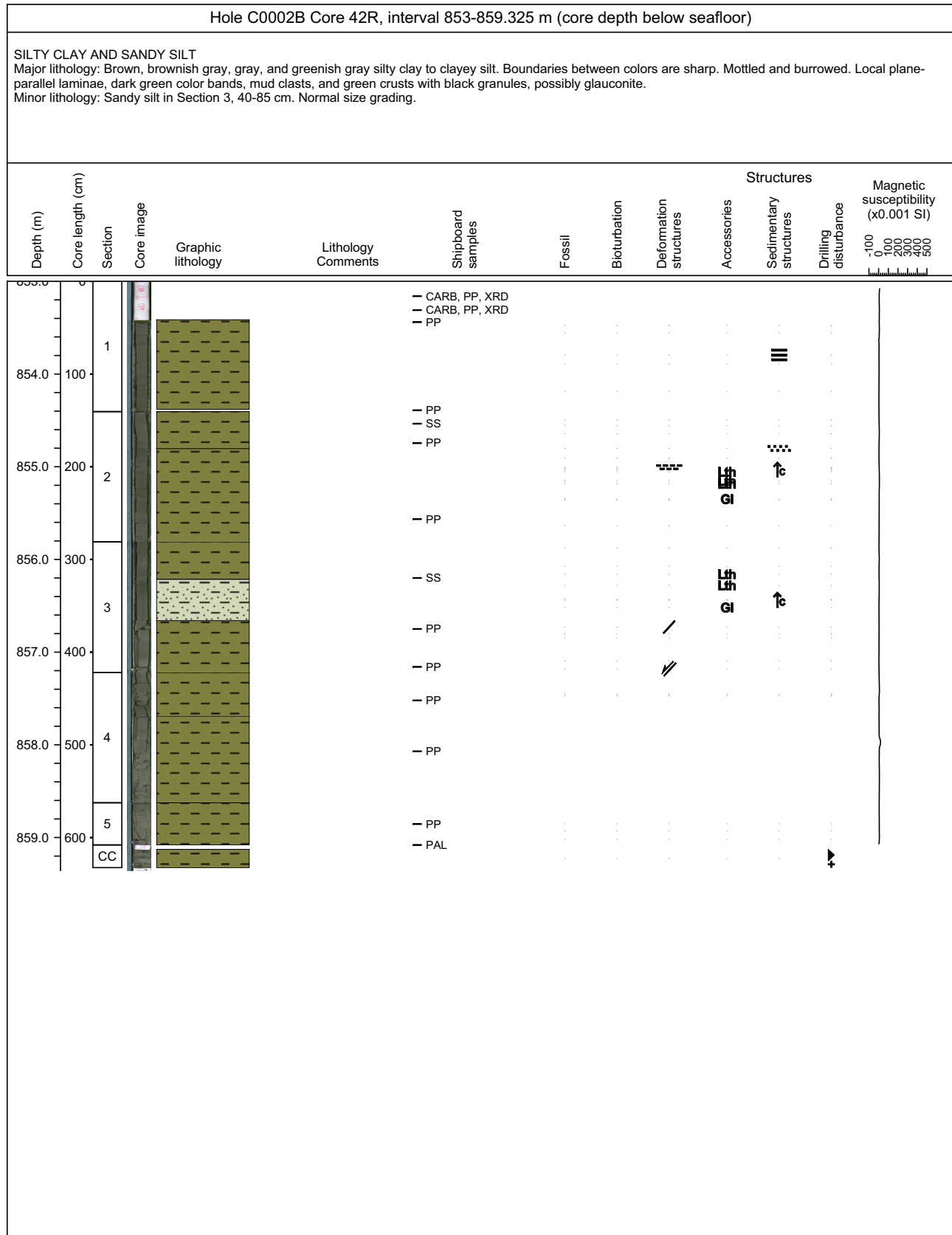
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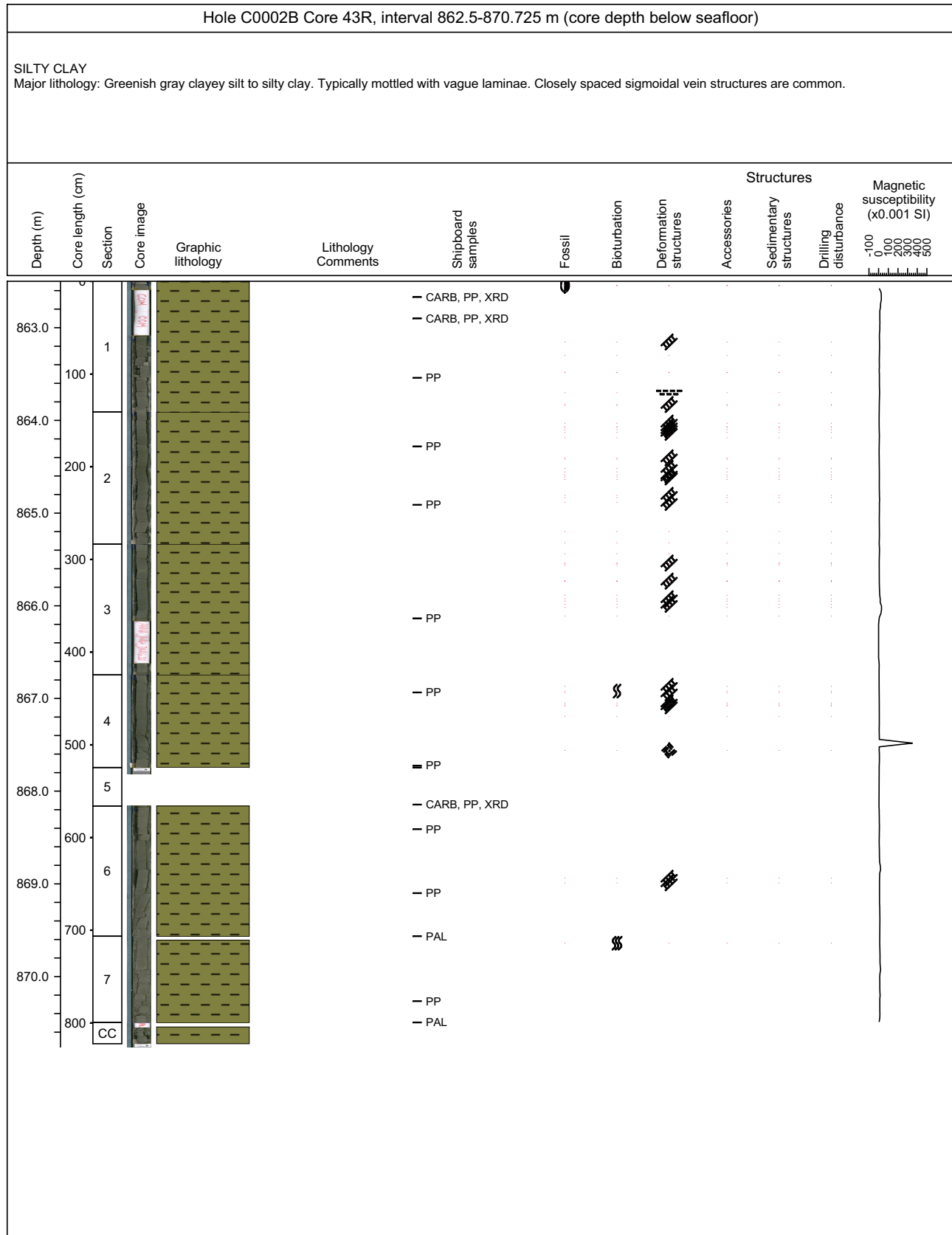
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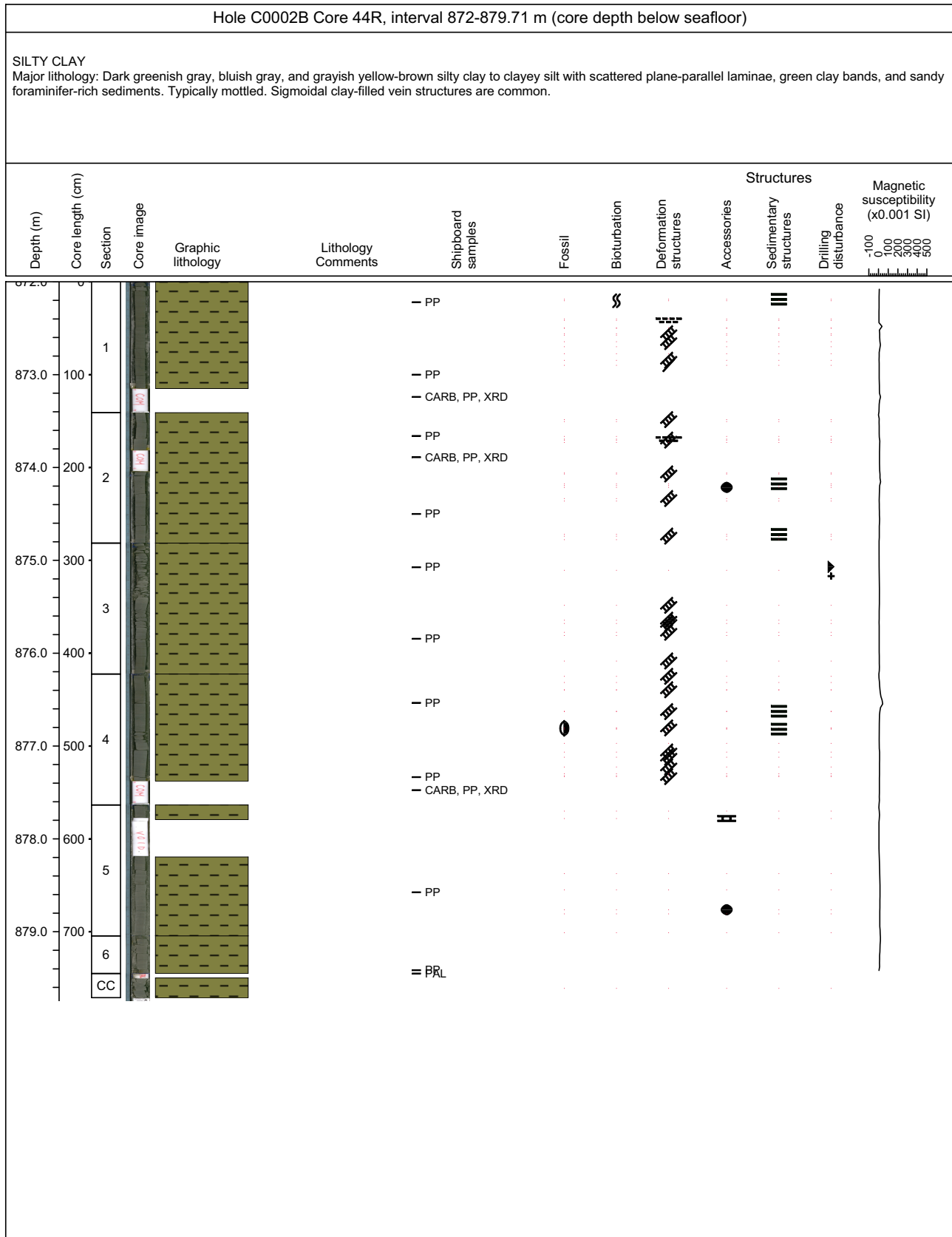
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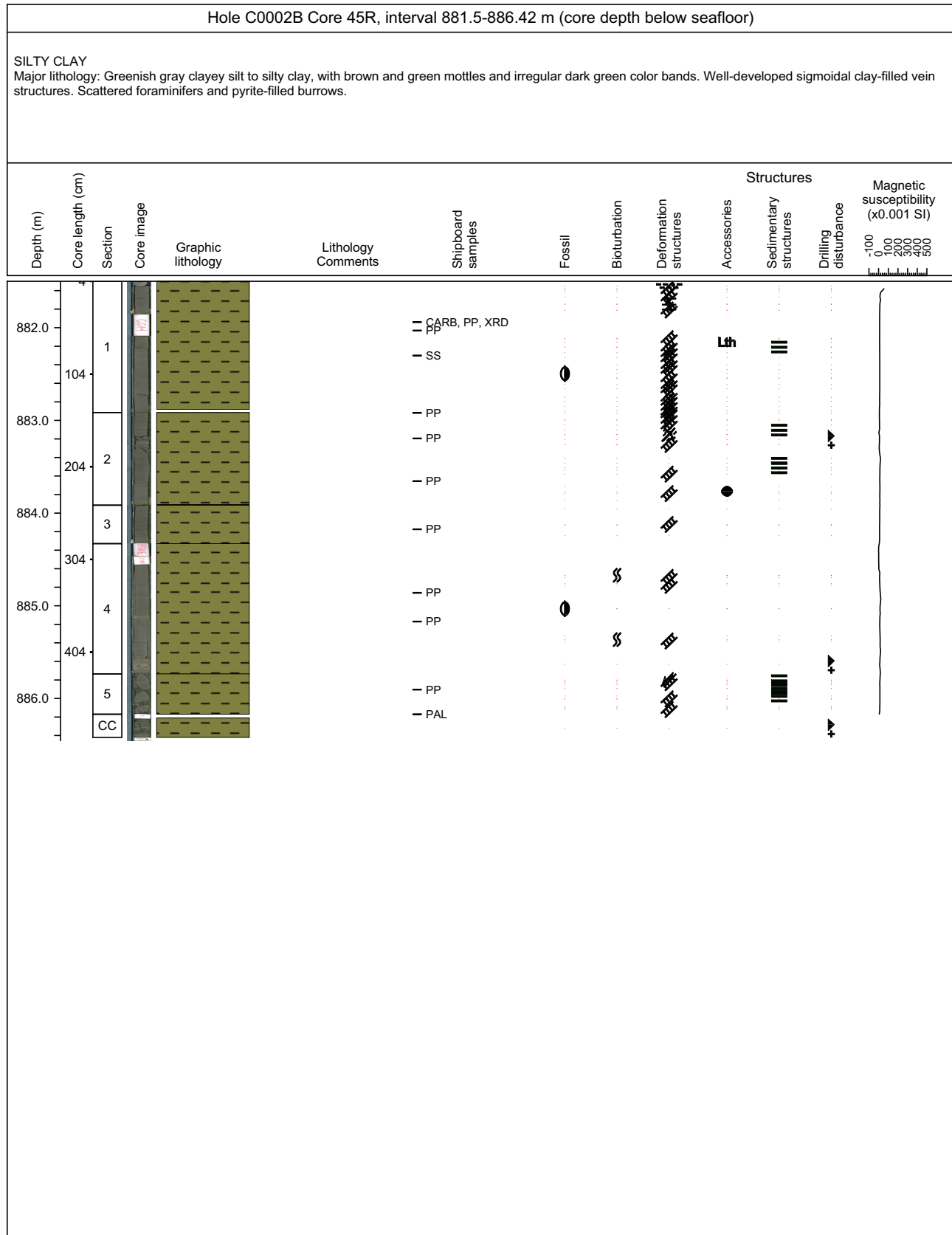
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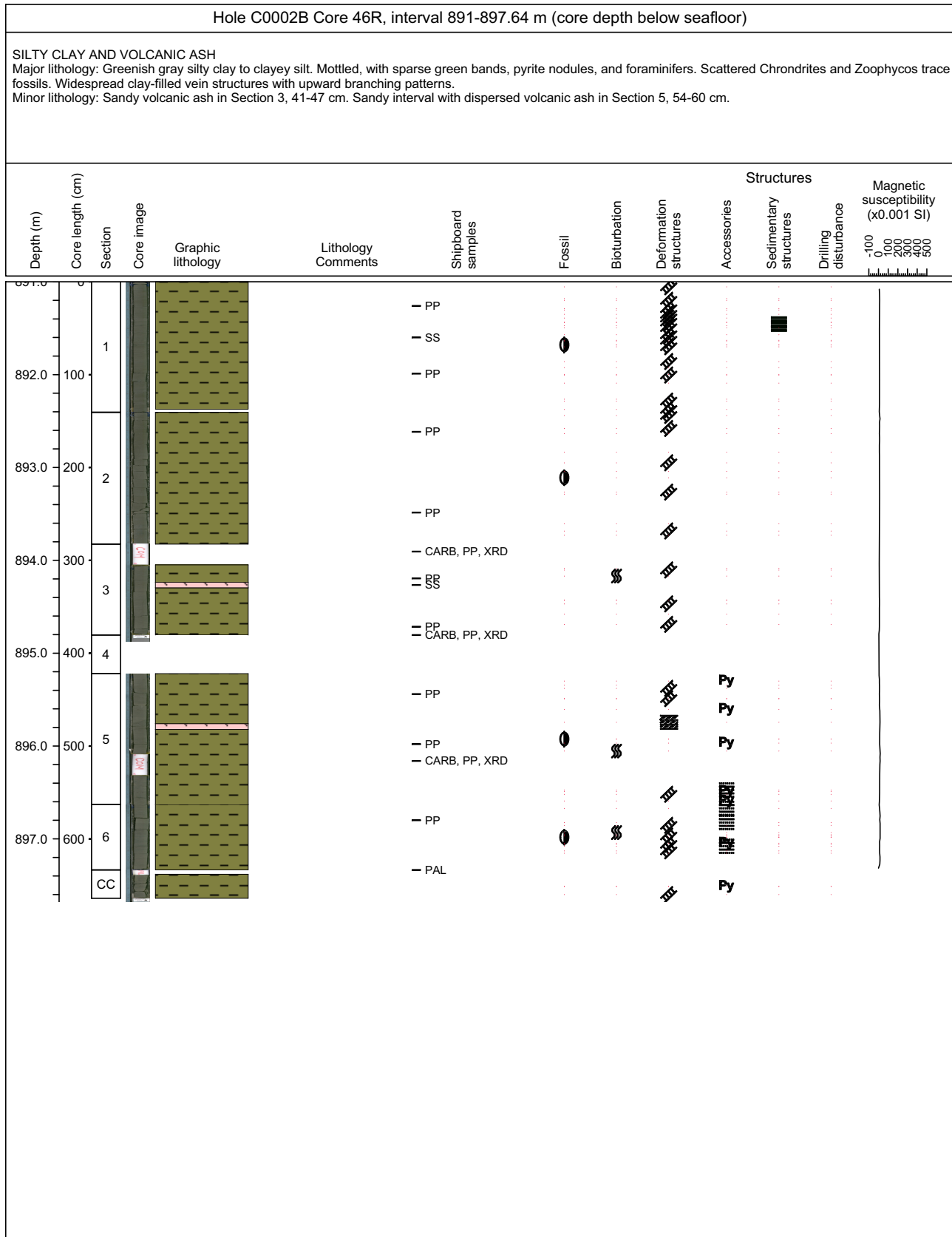
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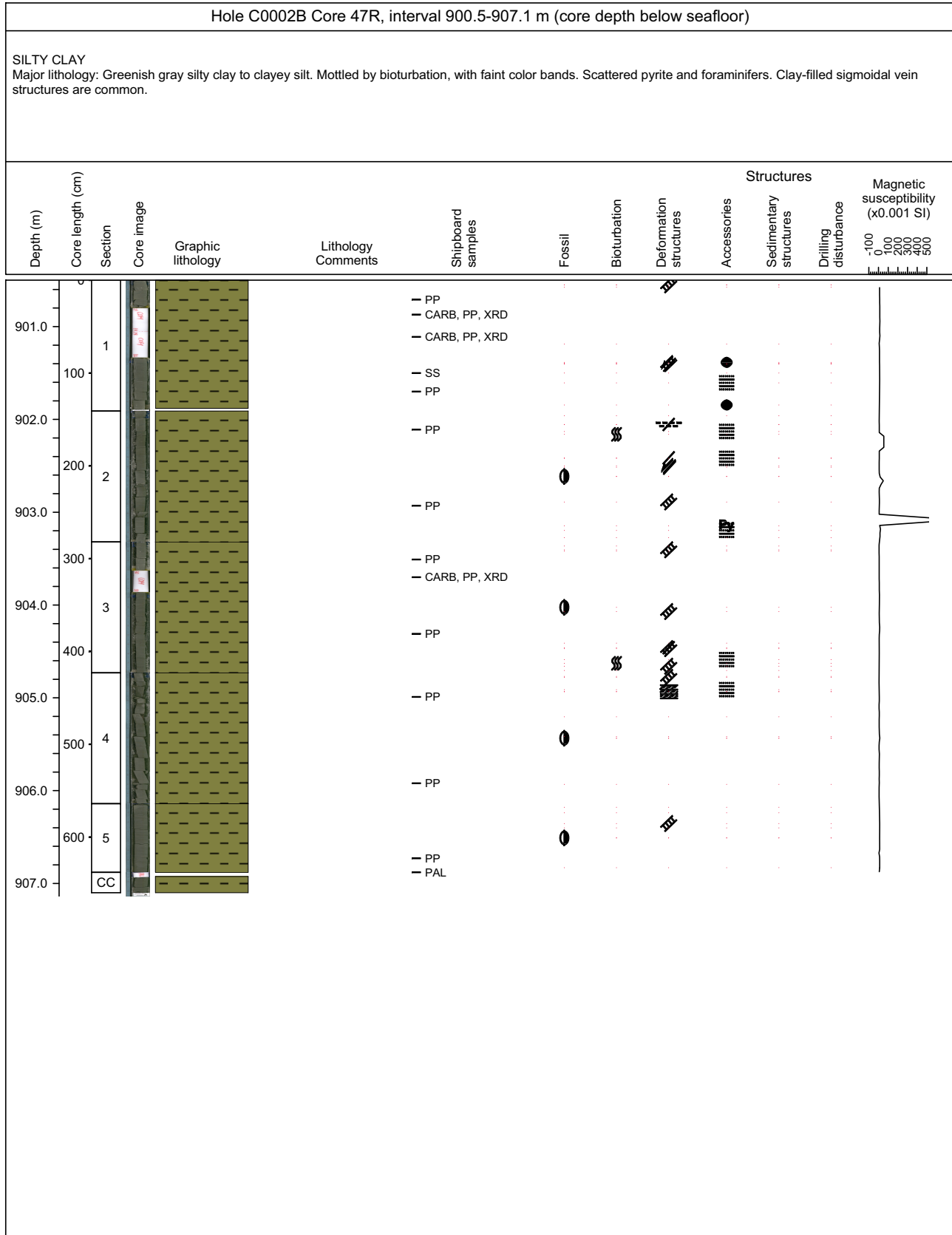
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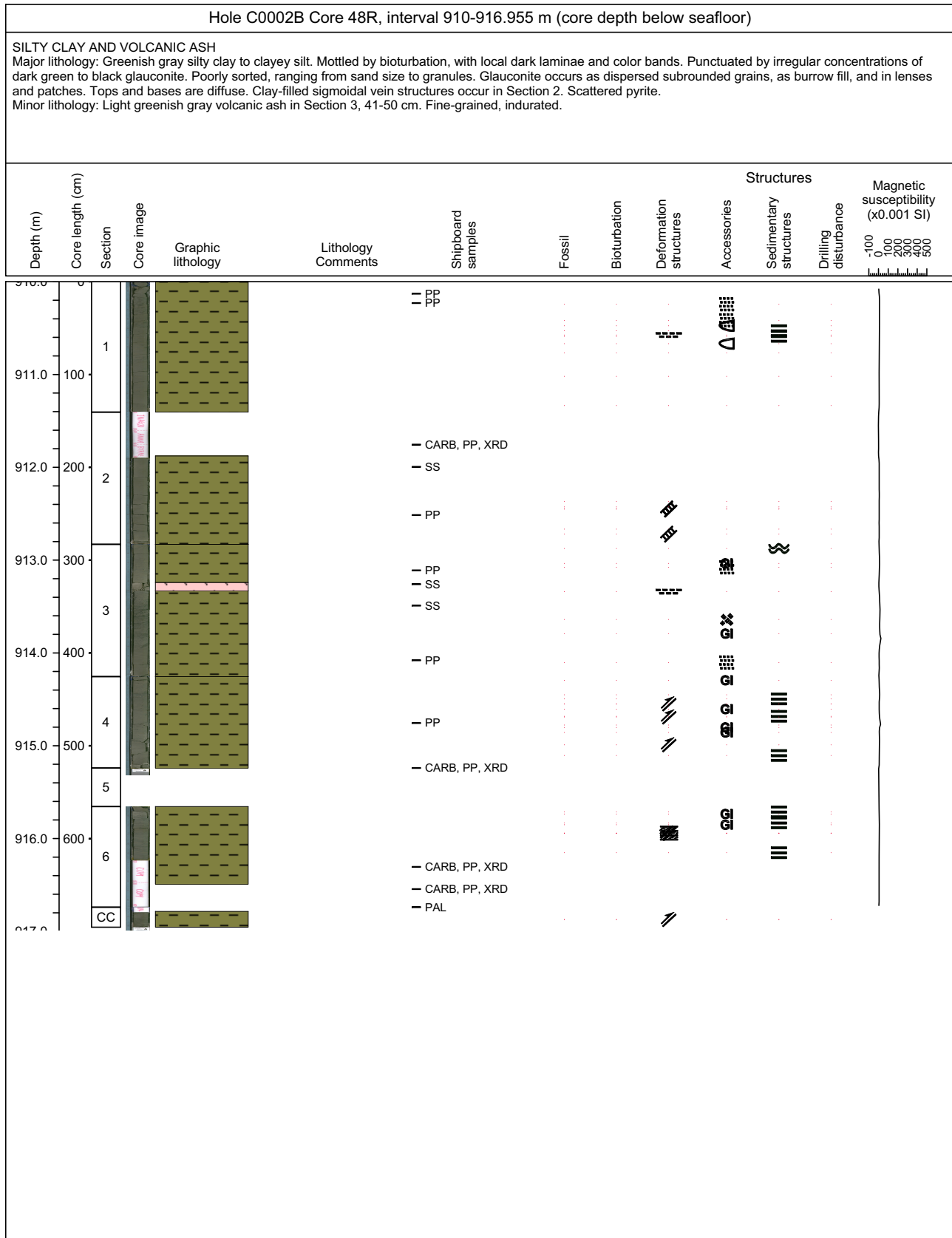
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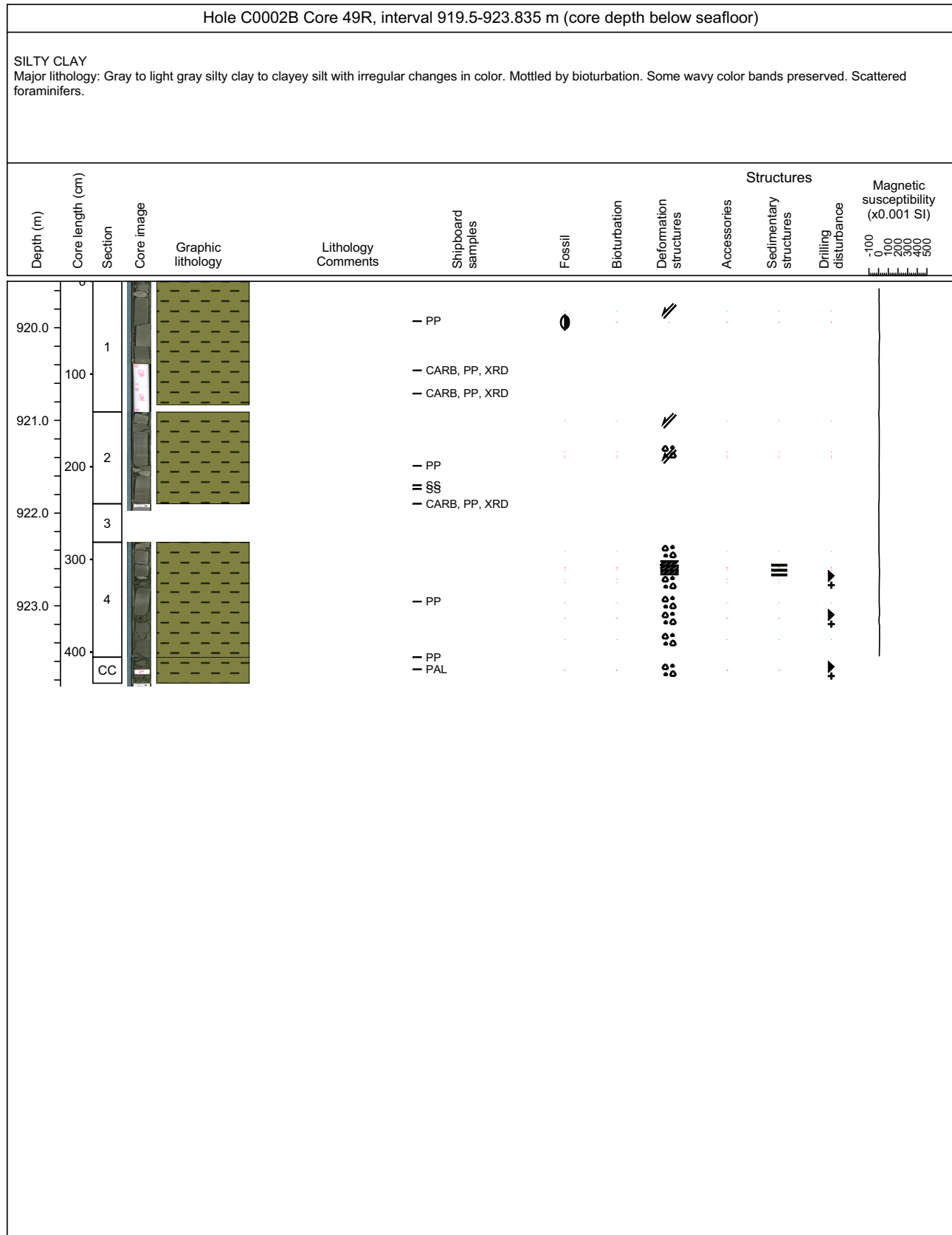
Core Photo



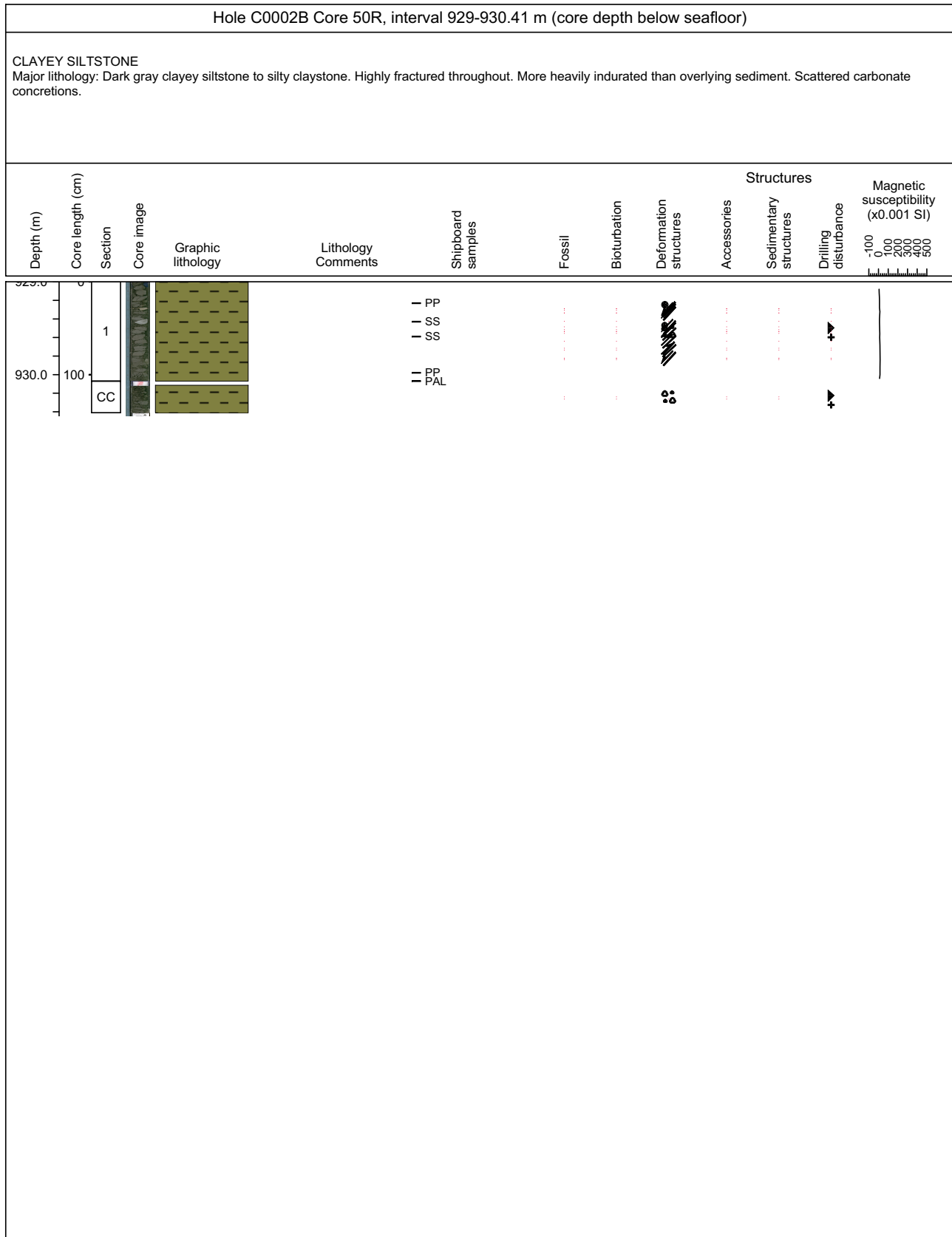
Core Photo



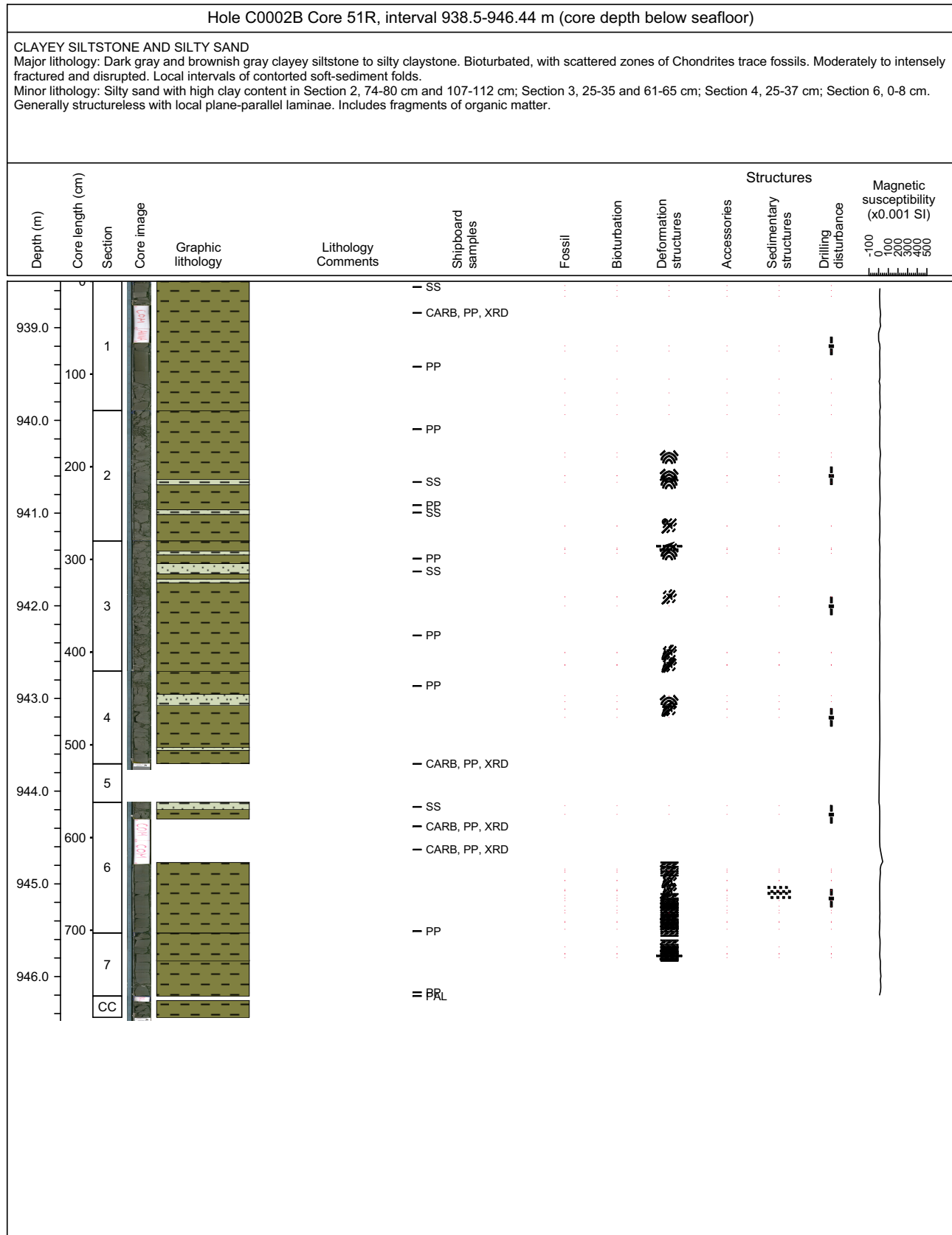
Core Photo



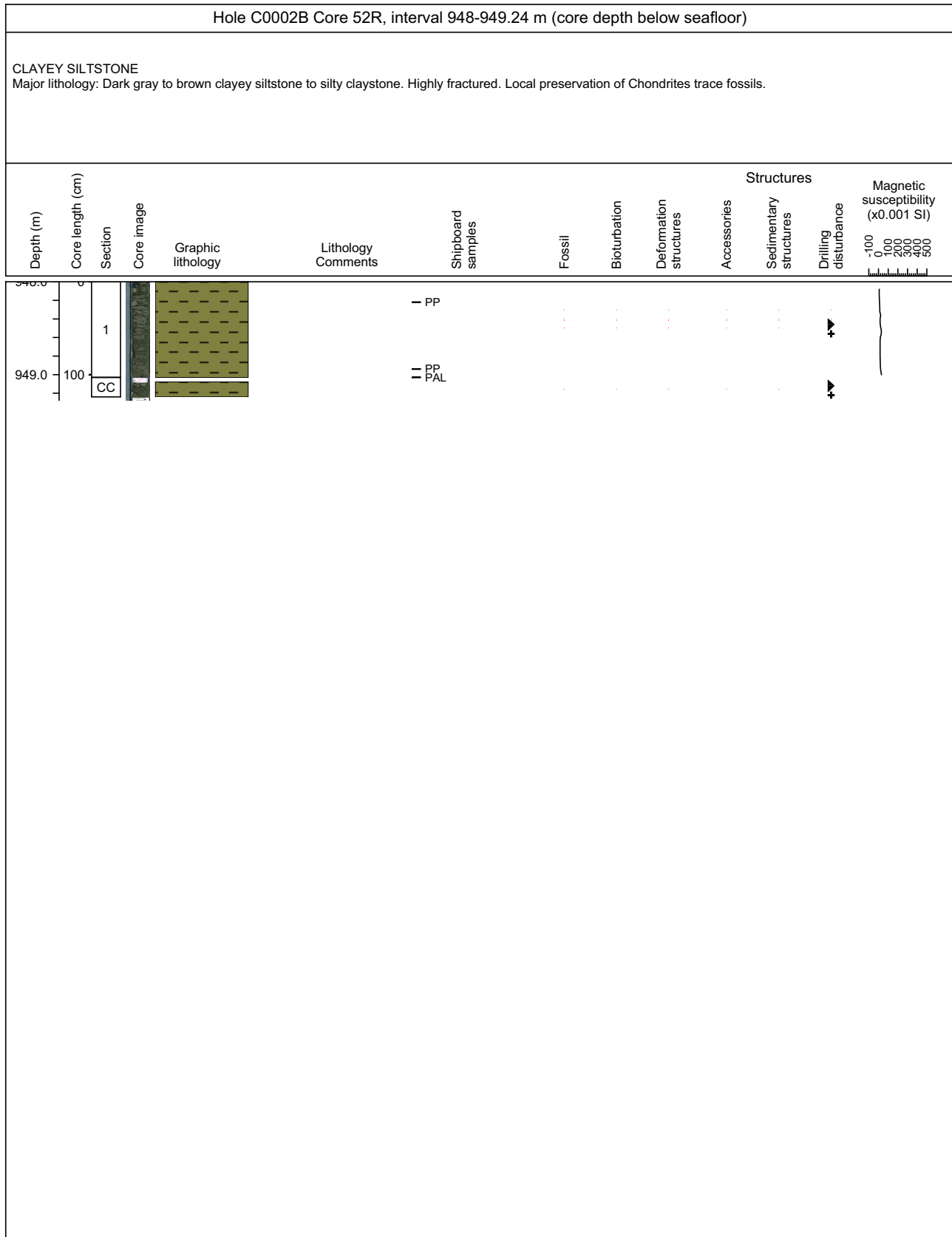
Core Photo



Core Photo



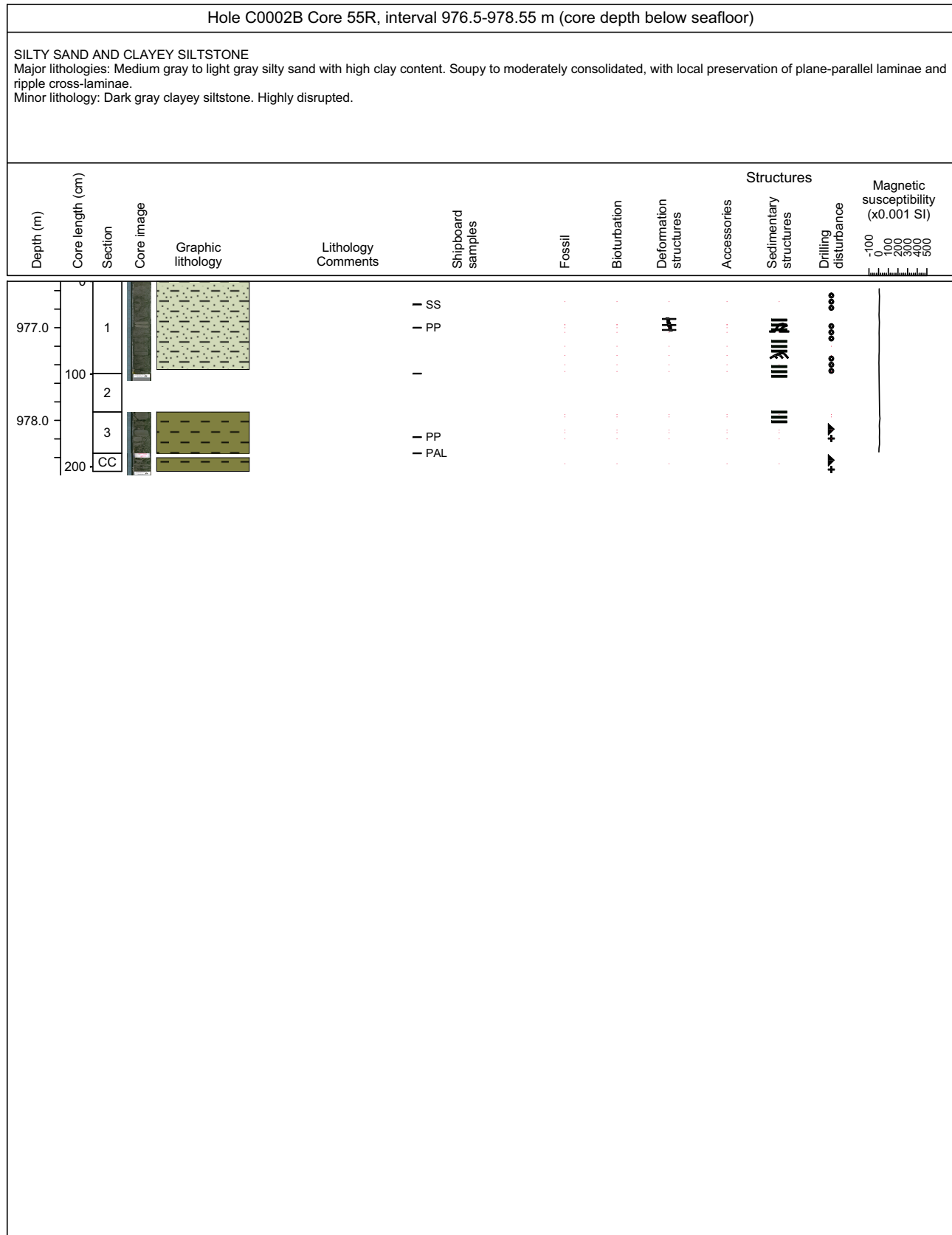
Core Photo



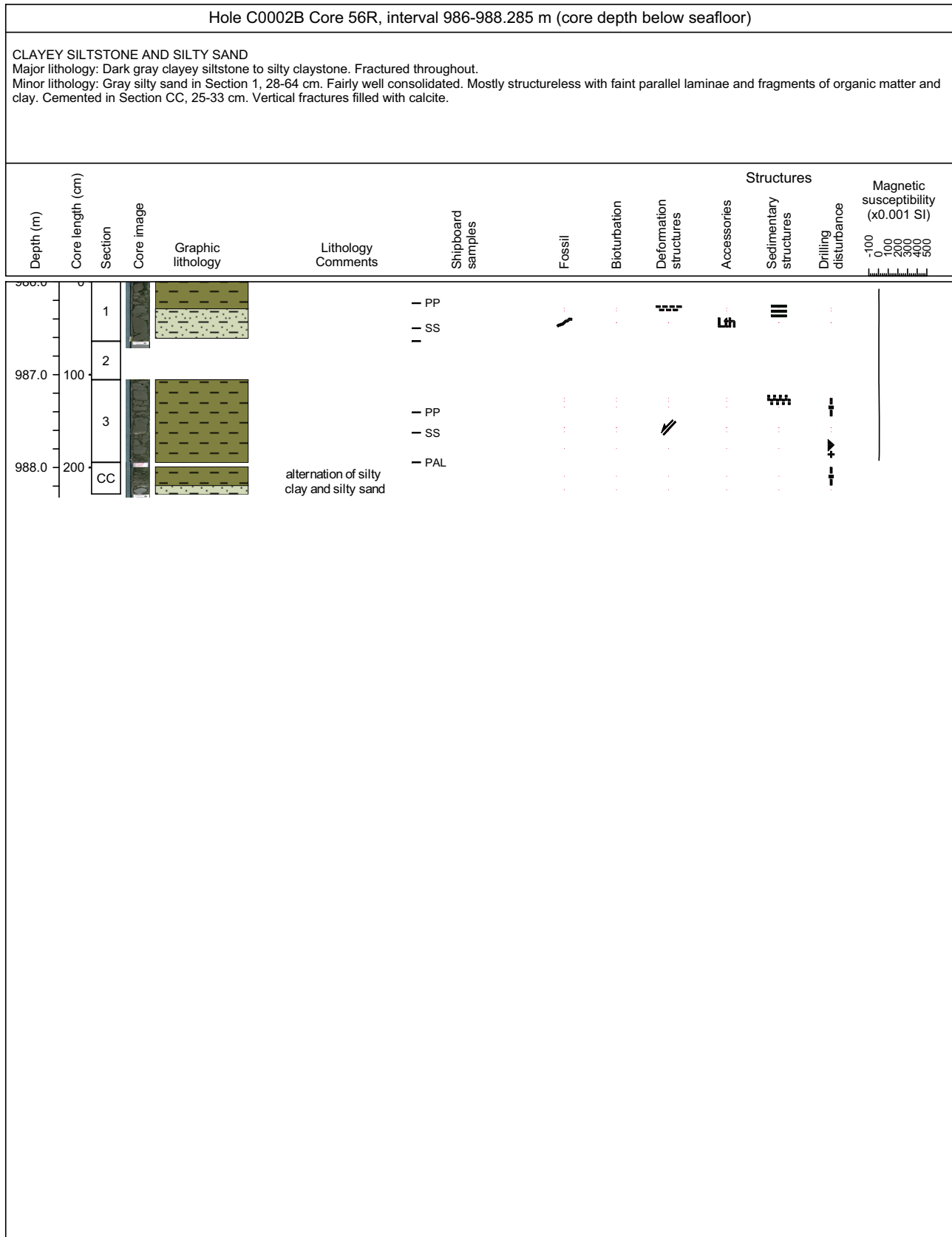
Hole C0002B Cores 53R and 54R No recovery



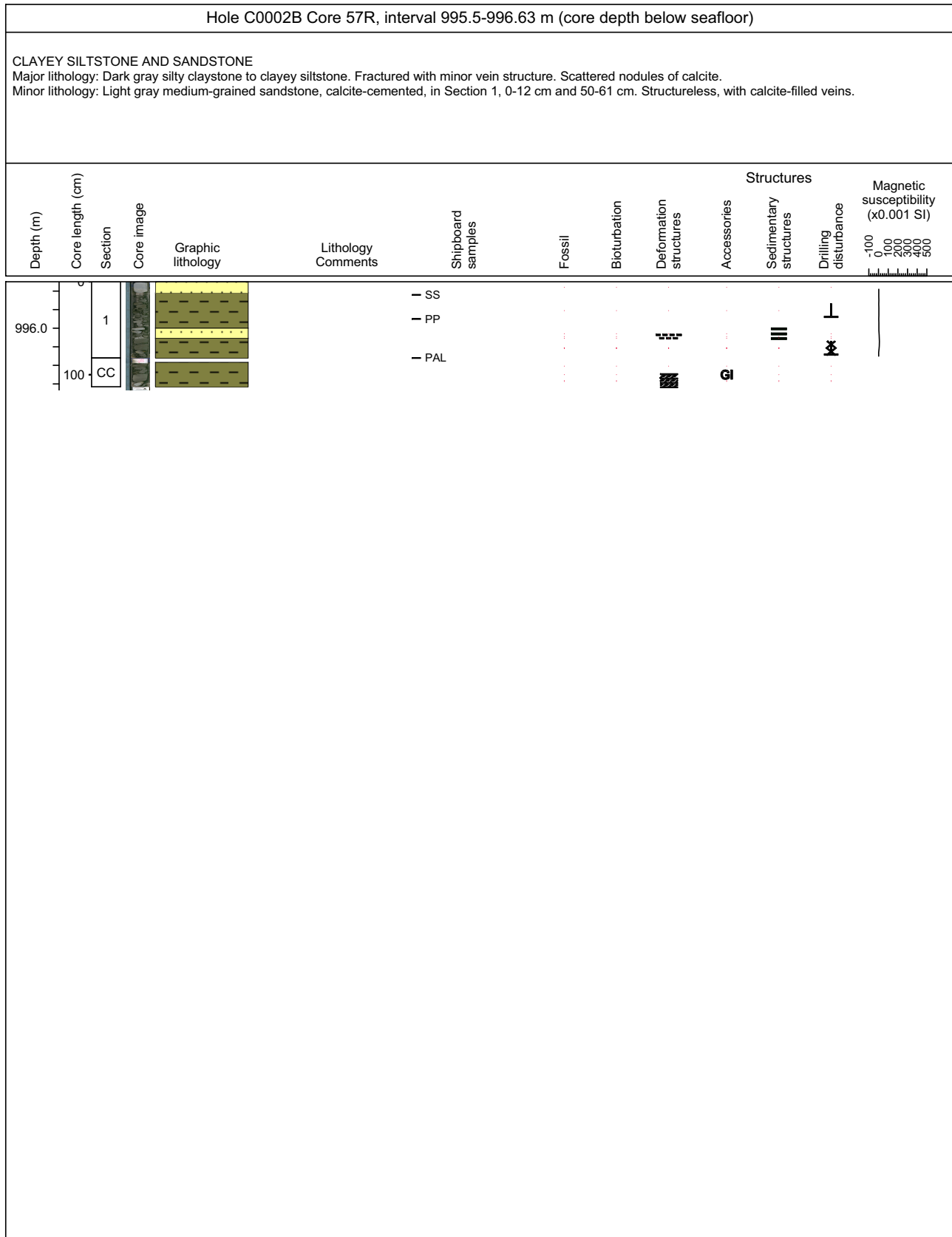
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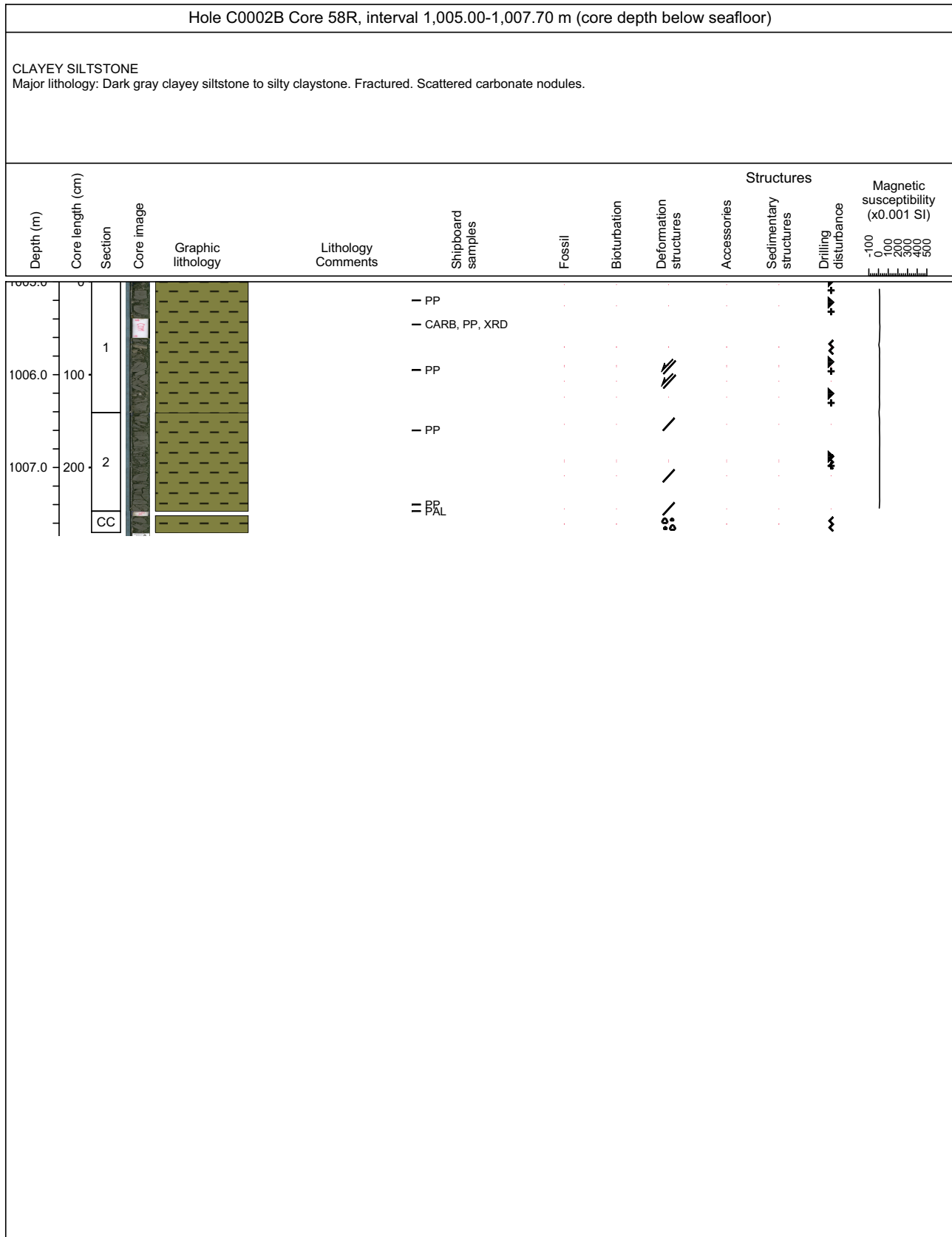
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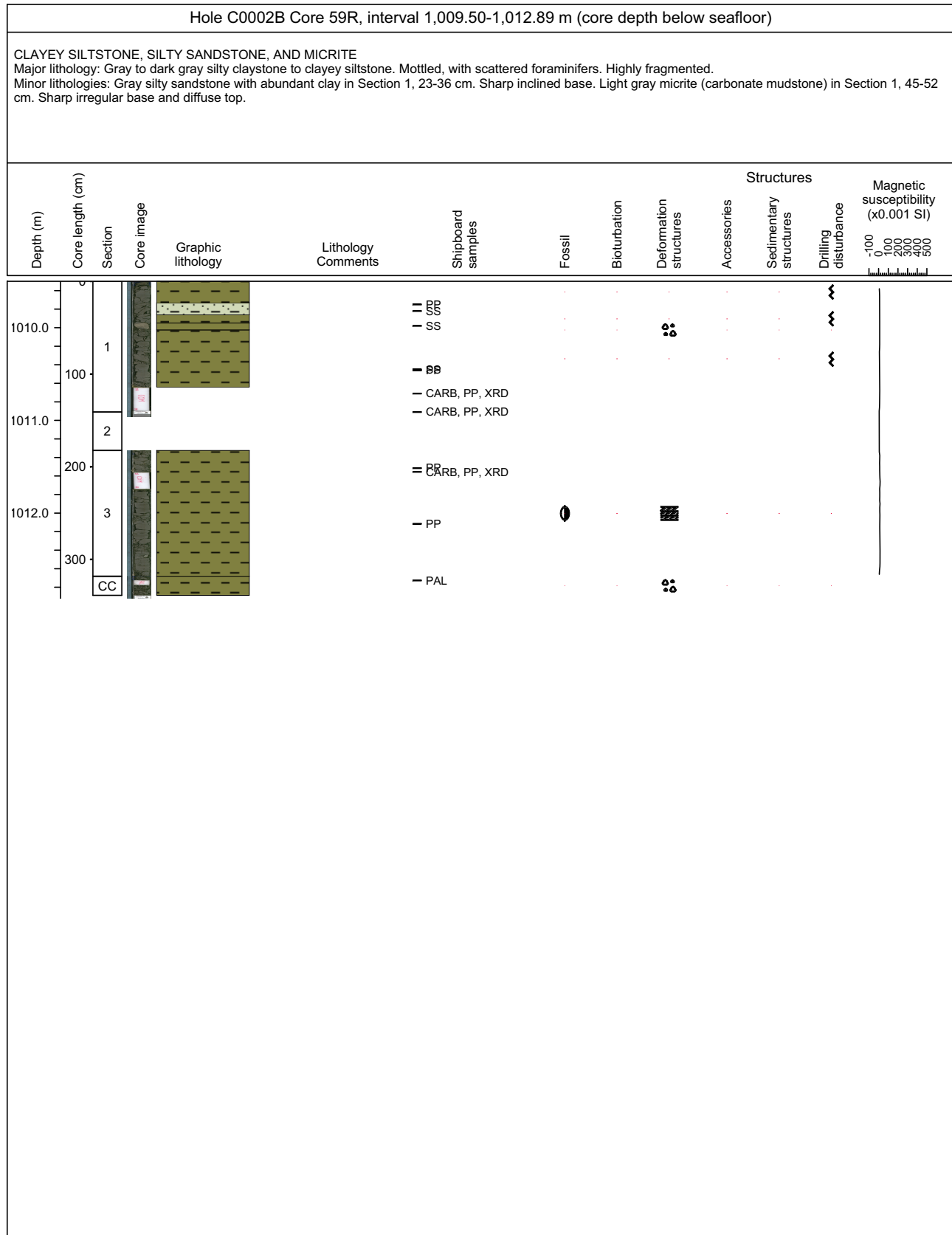
Core Photo



Core Photo



Core Photo

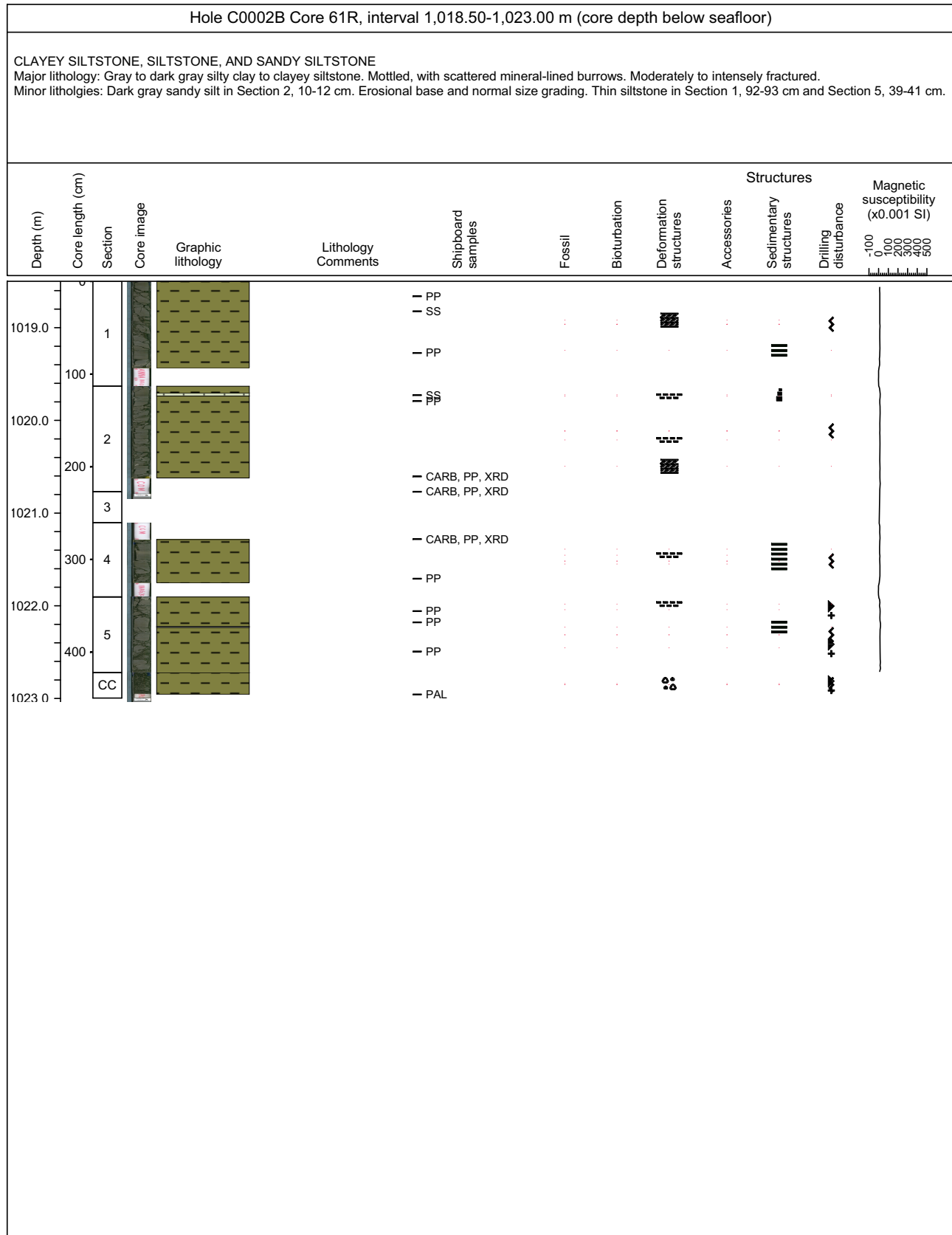


Core Photo

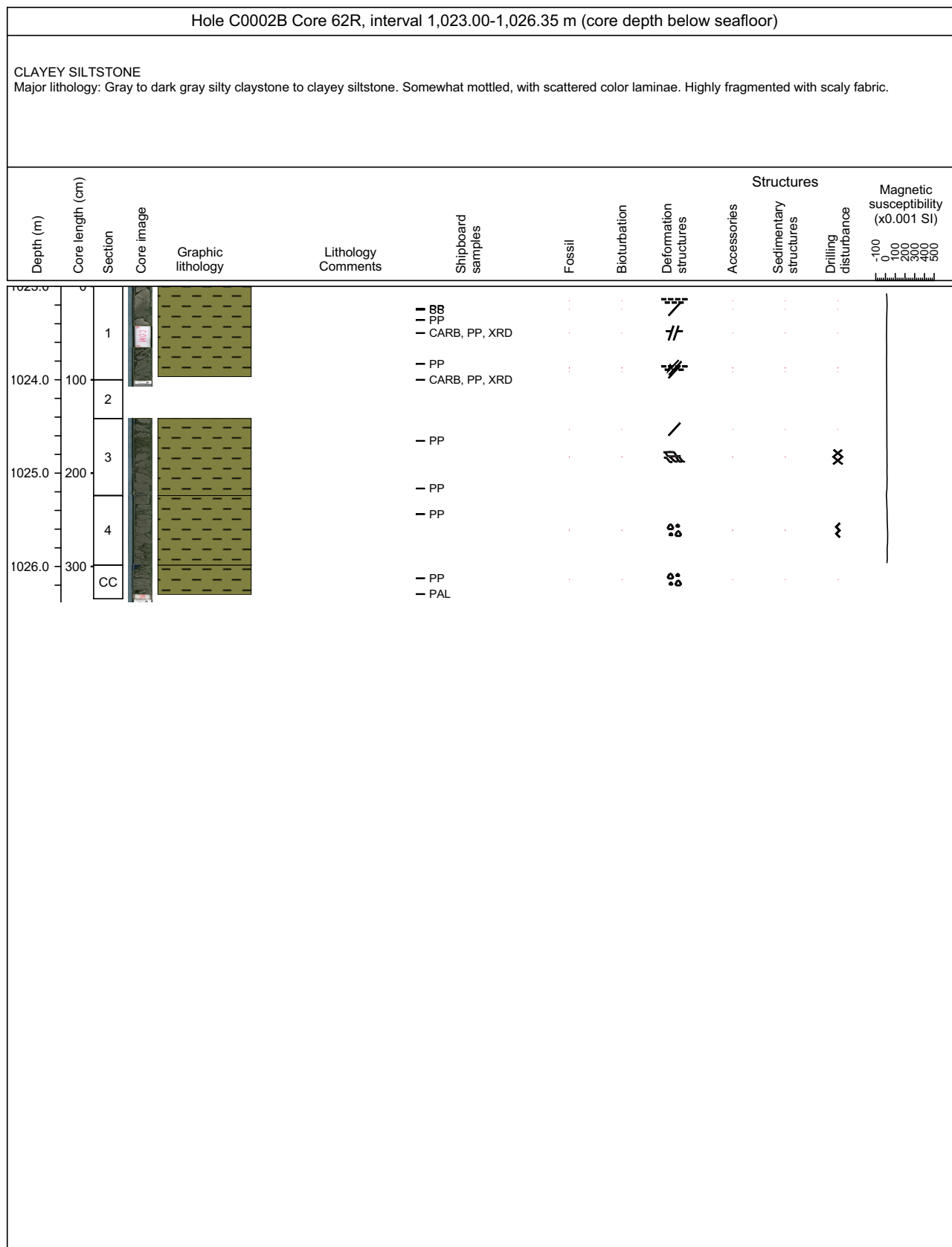
Hole C0002B Core 60R, interval 1,014.00-1,017.30 m (core depth below seafloor)													
CLAYEY SILTSTONE Major lithology: Gray silty claystone to clayey siltstone. Mottled. Highly fragmented.													
Depth (m)	Core length (cm)	Section	Core image	Graphic lithology	Lithology Comments	Shipboard samples	Fossil	Bioturbation	Deformation structures	Structures			Magnetic susceptibility (x0.001 SI)
										Accessories	Sedimentary structures	Drilling disturbance	
1014.0	0												
1015.0	100	1				PP							
1015.5	150					CARB, PP, XRD							
1016.0	200	2				PP							
1016.5	250					PP							
1017.0	300	CC				PAL							



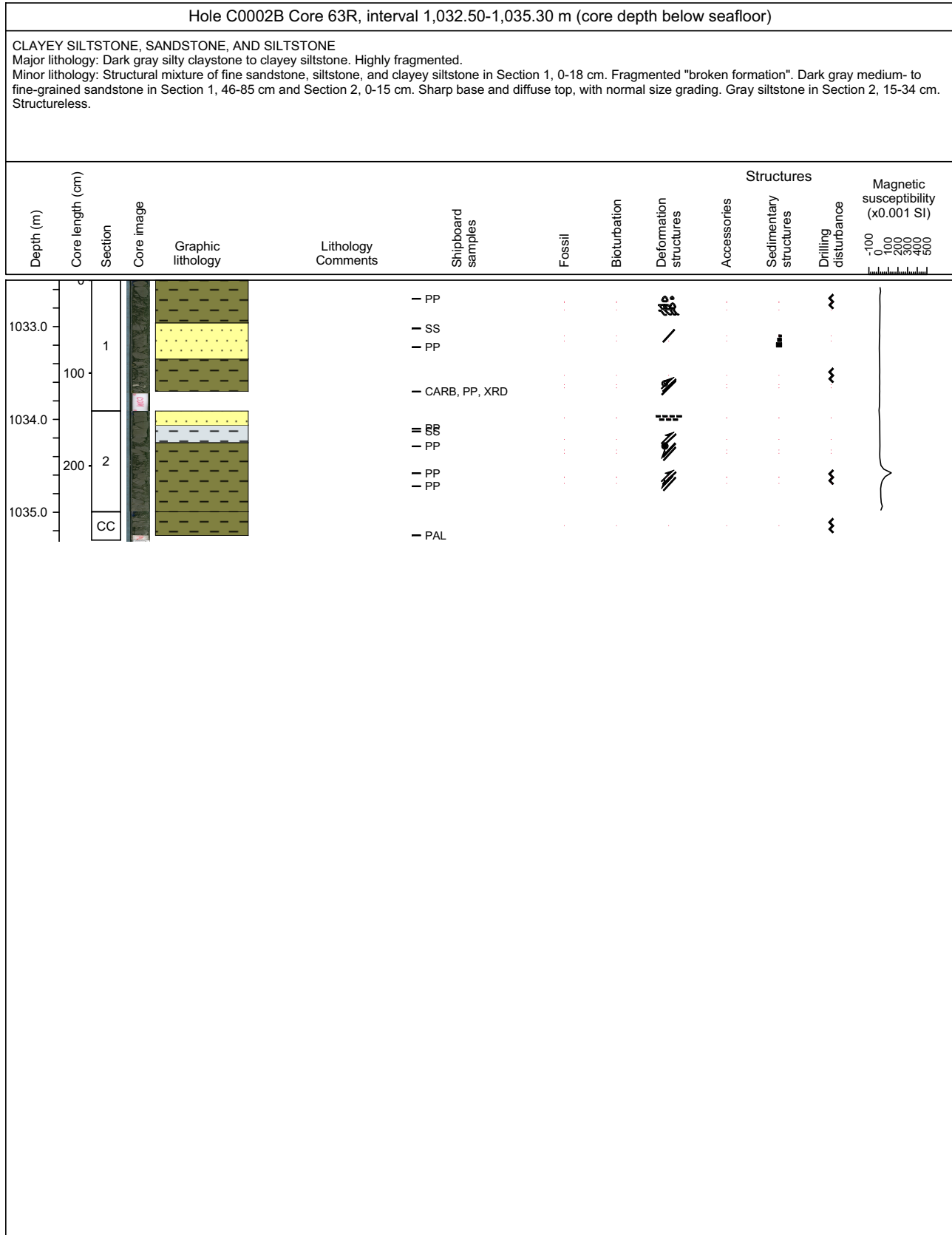
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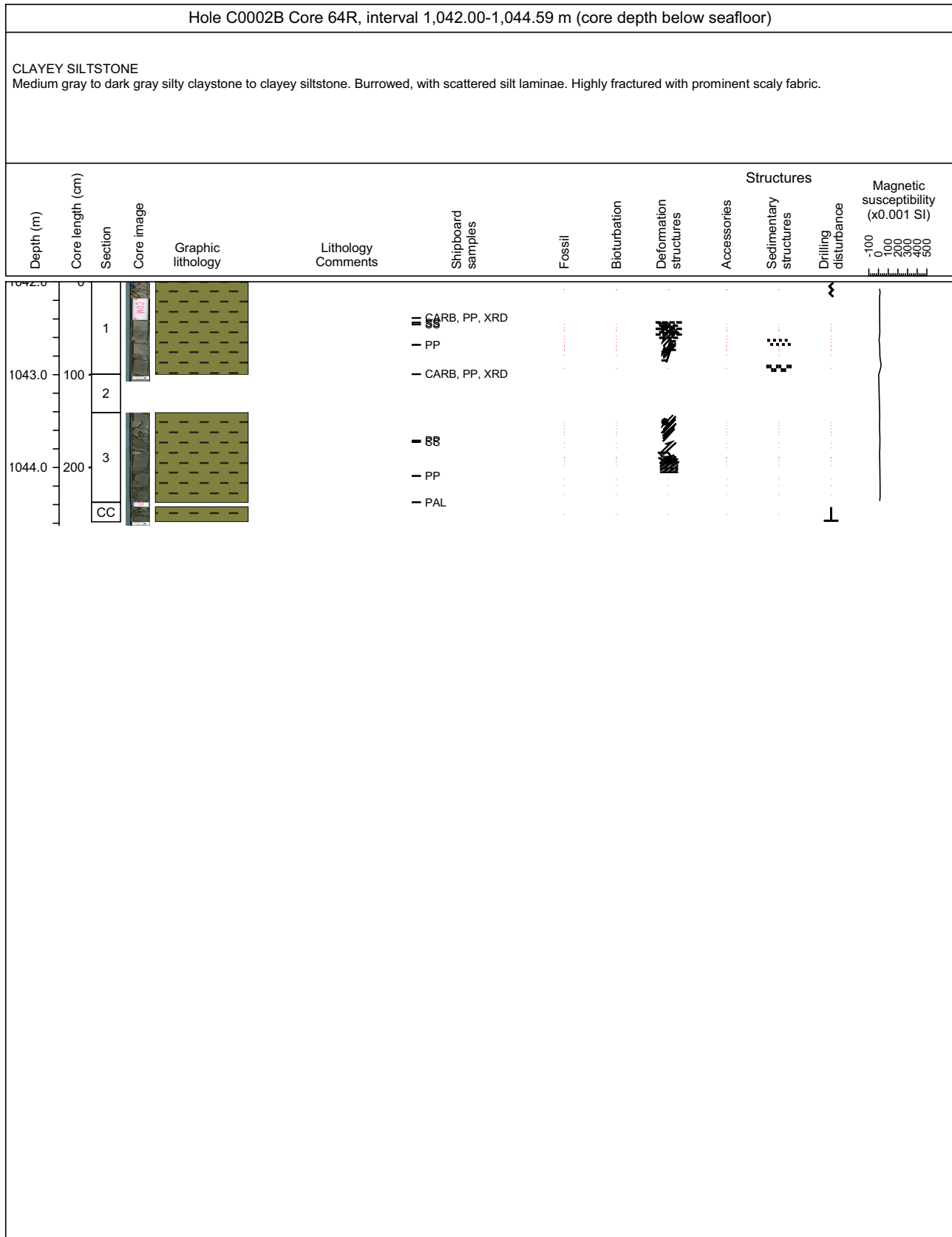
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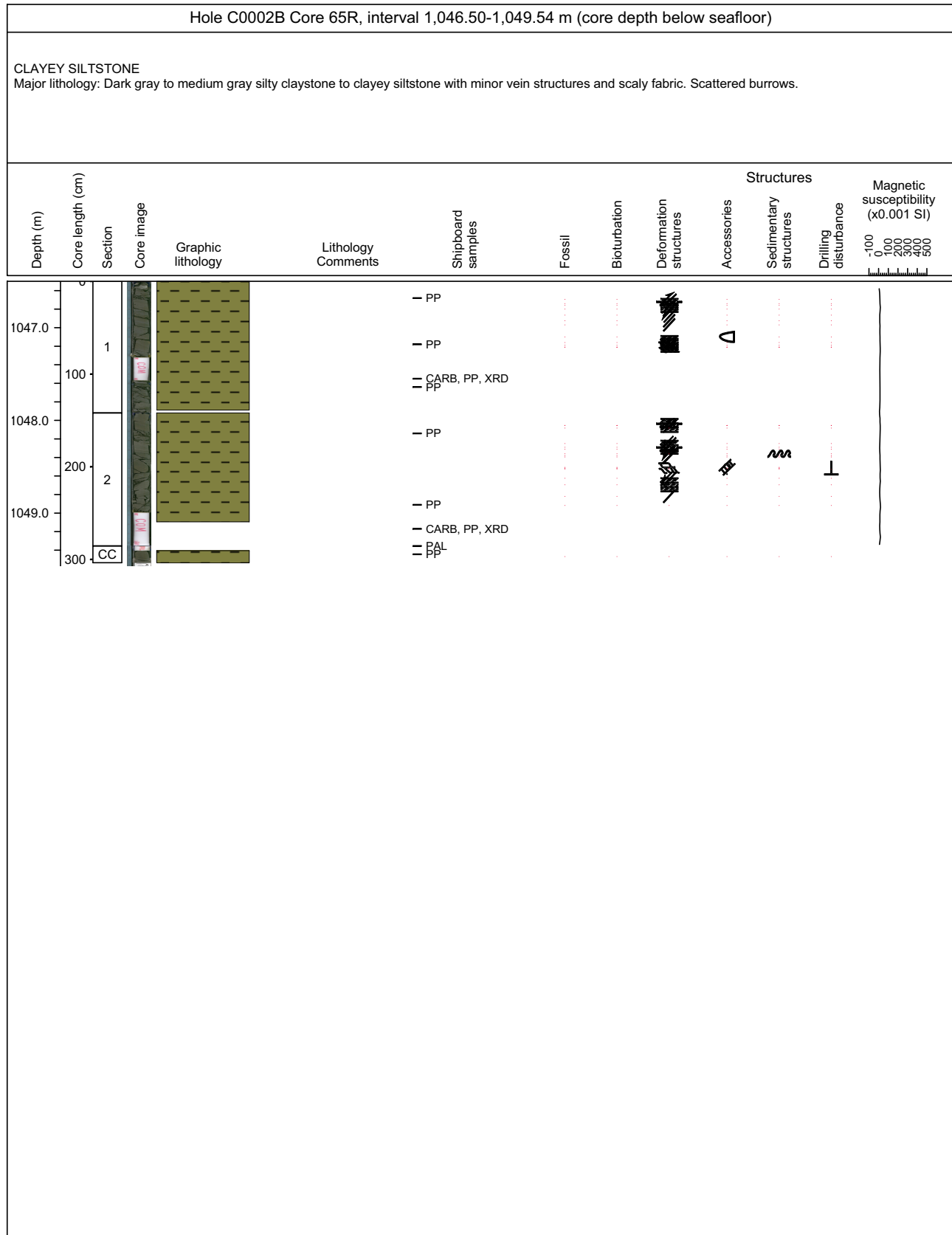
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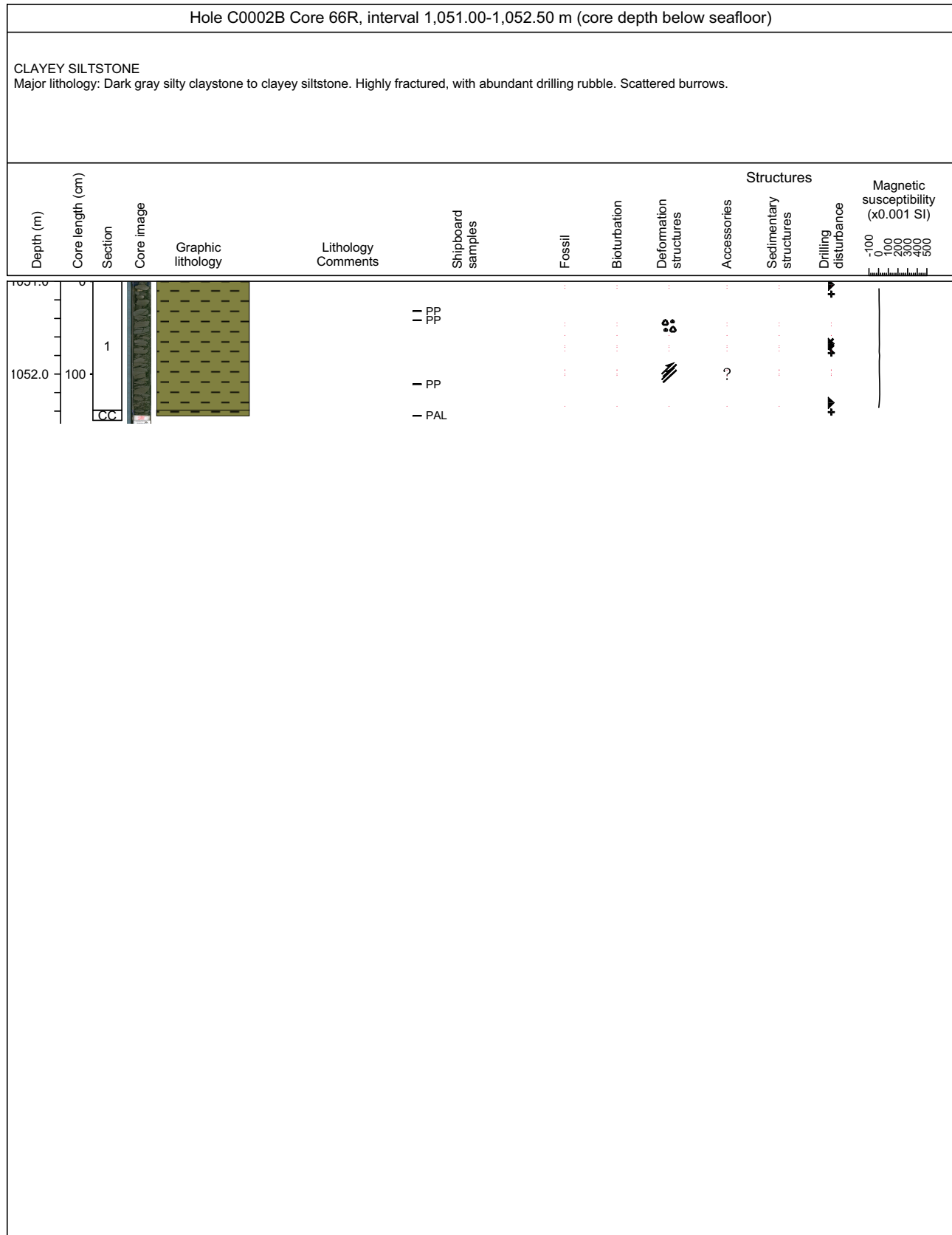
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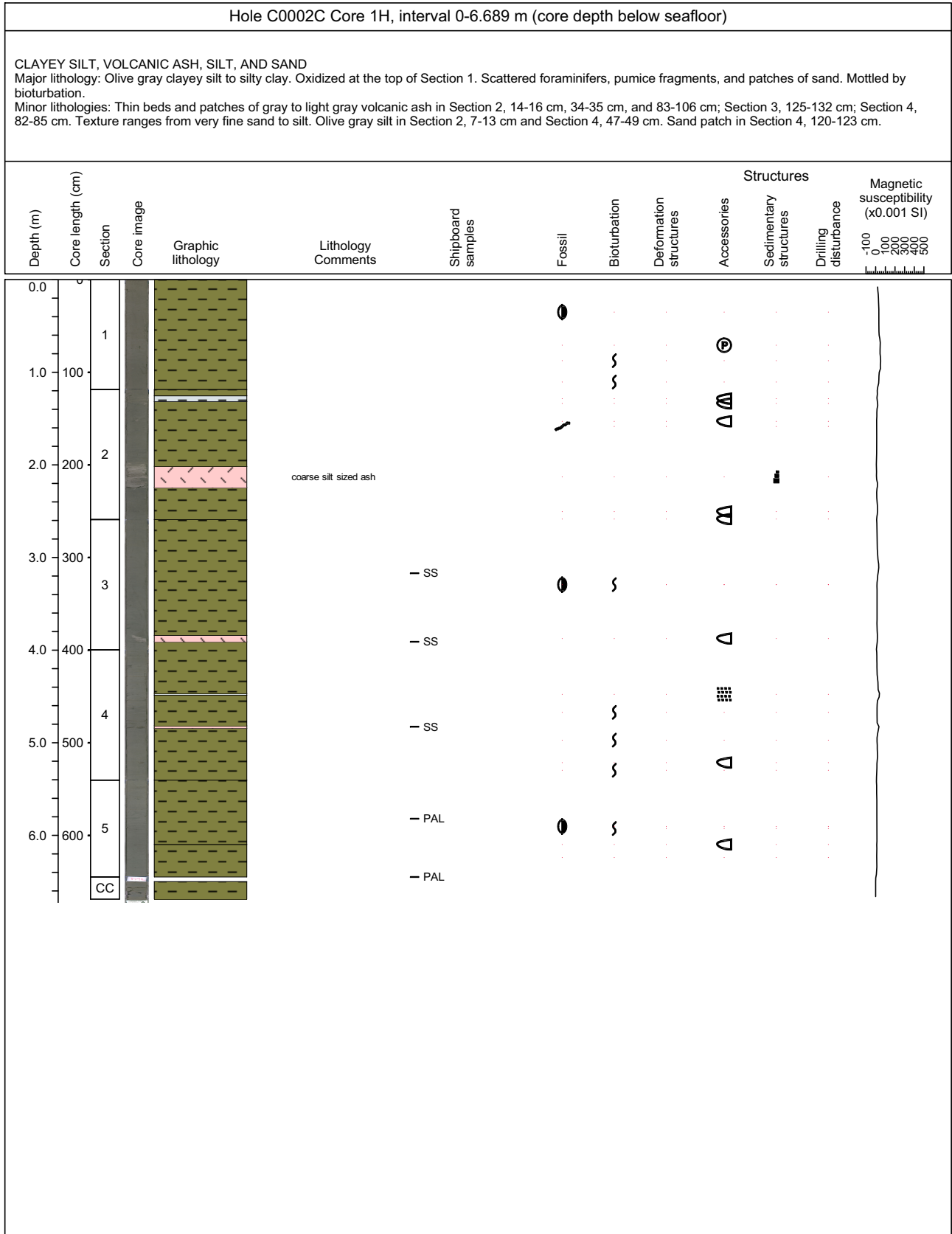
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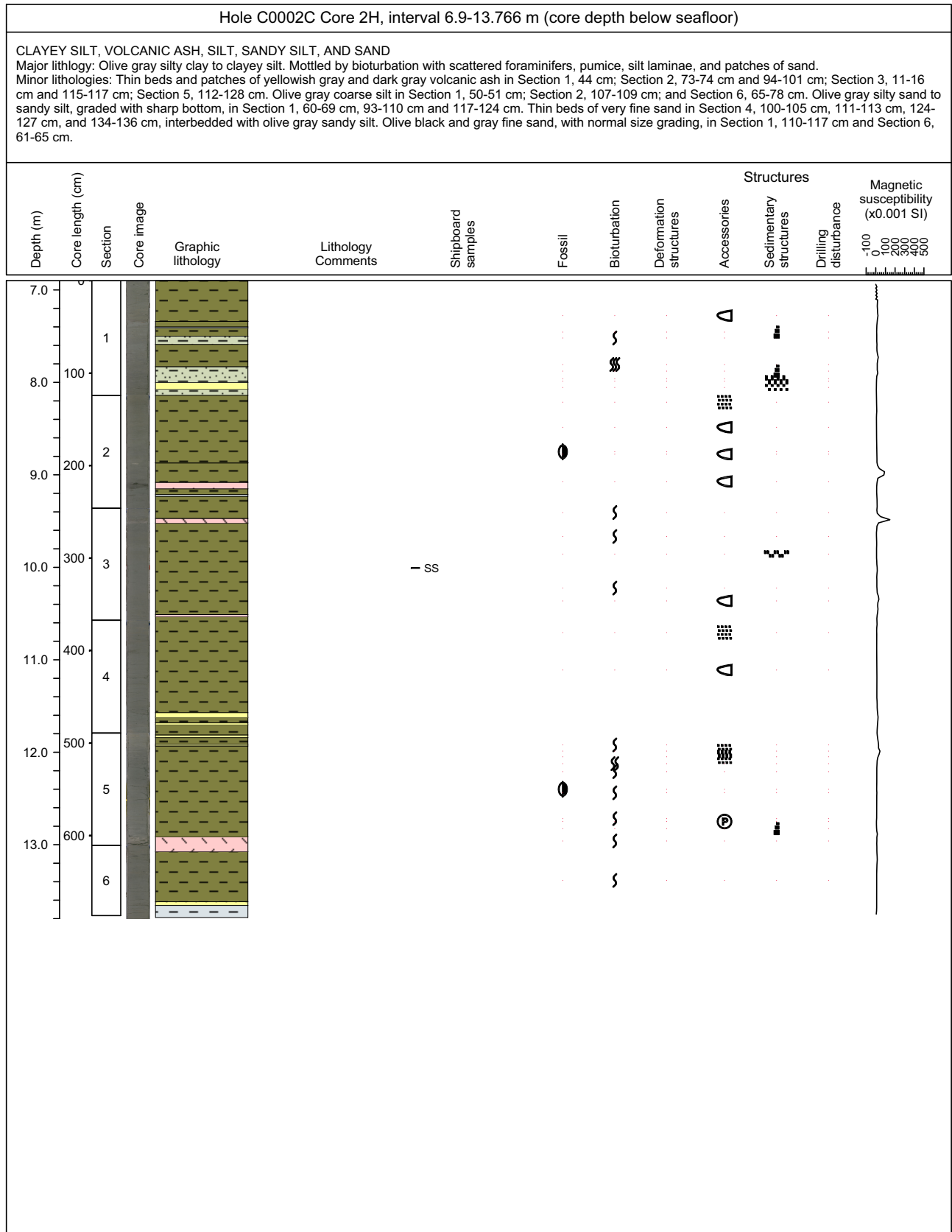
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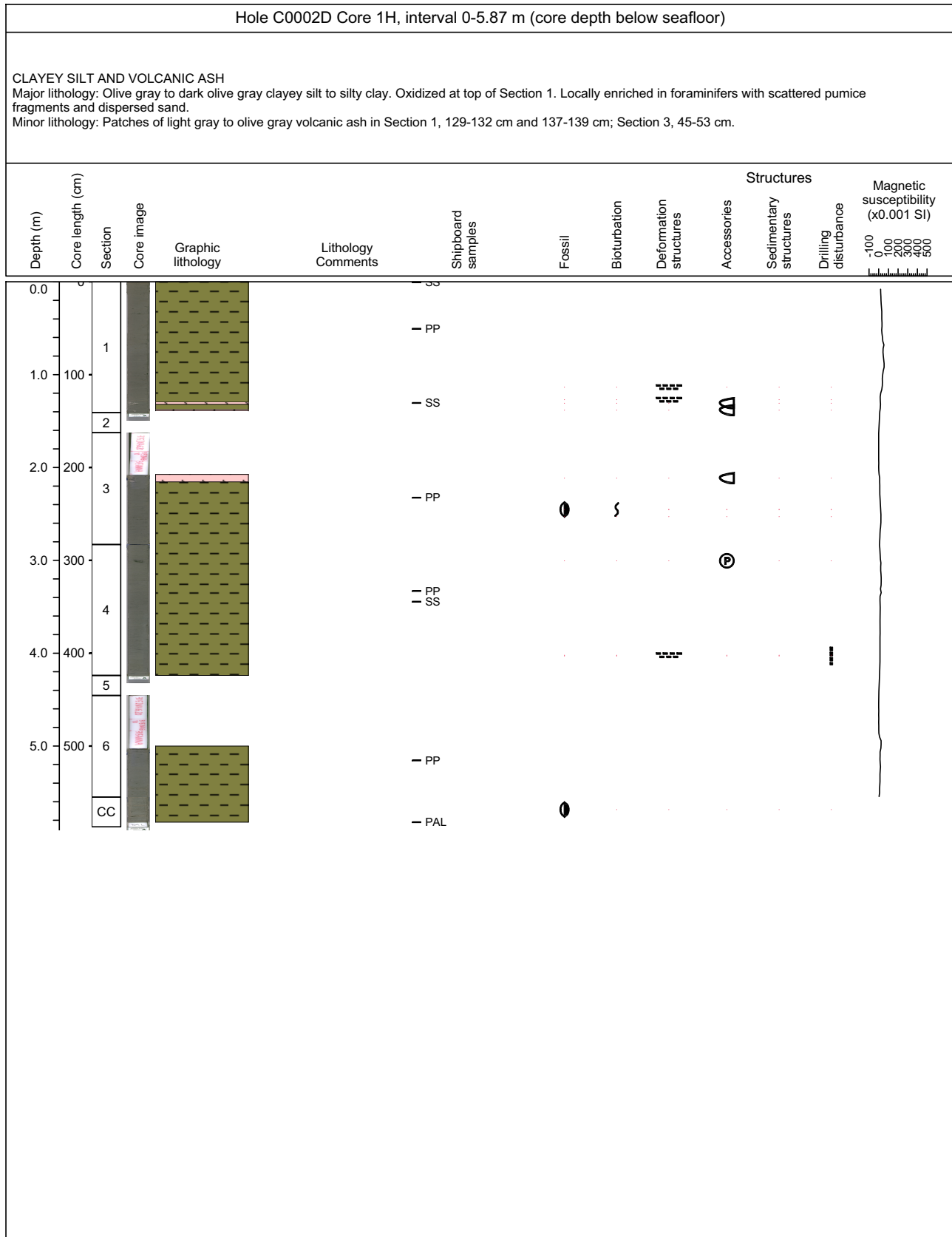
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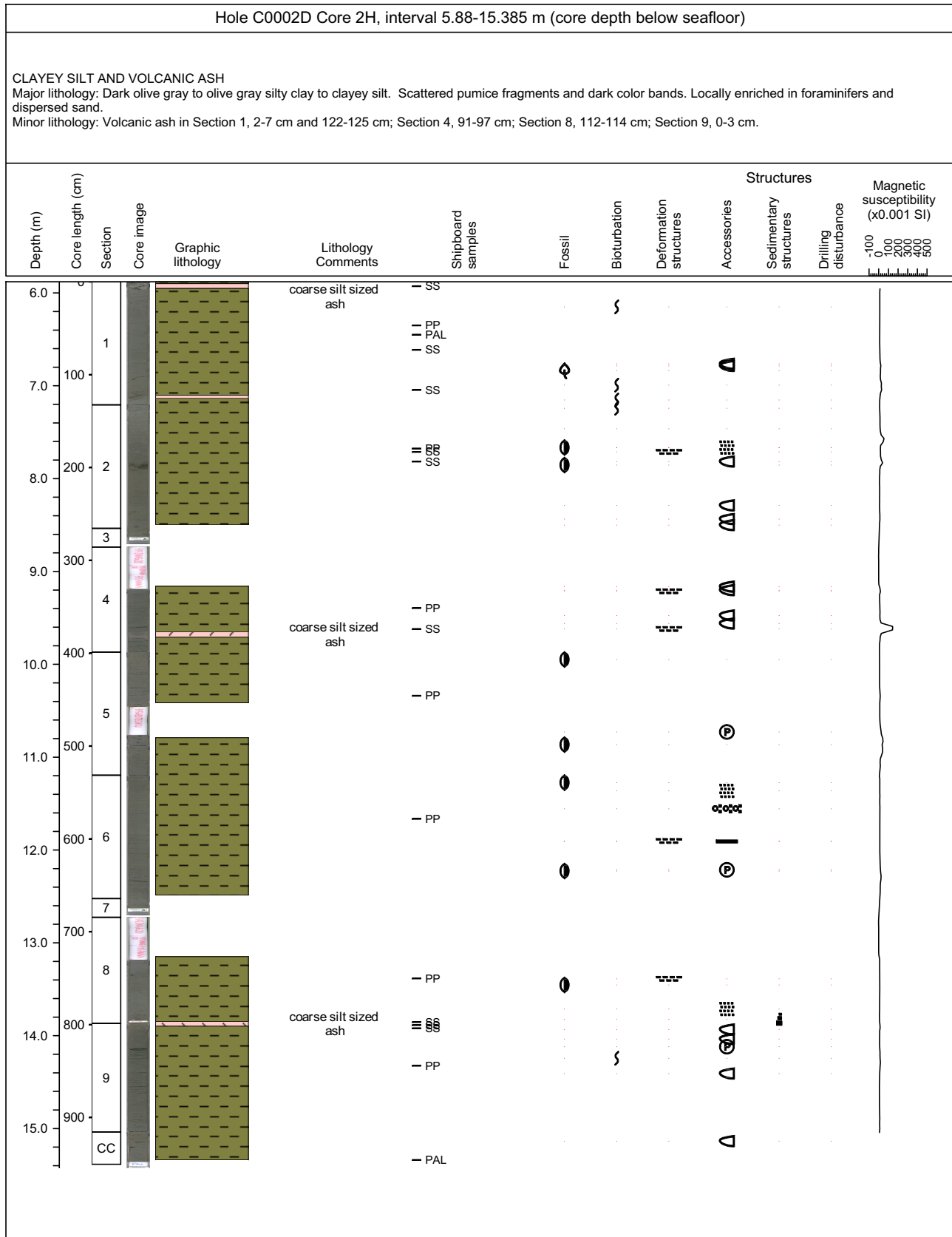
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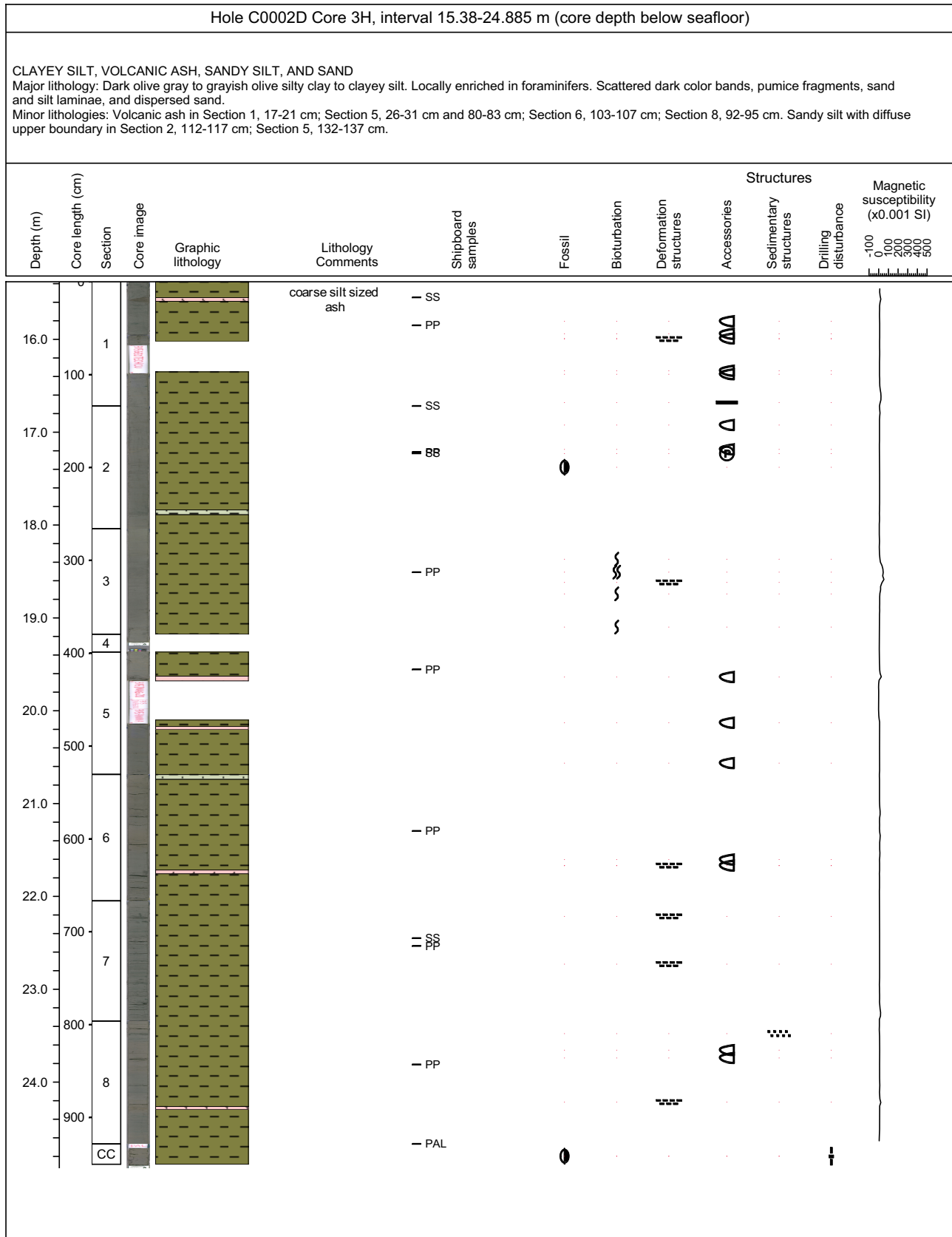
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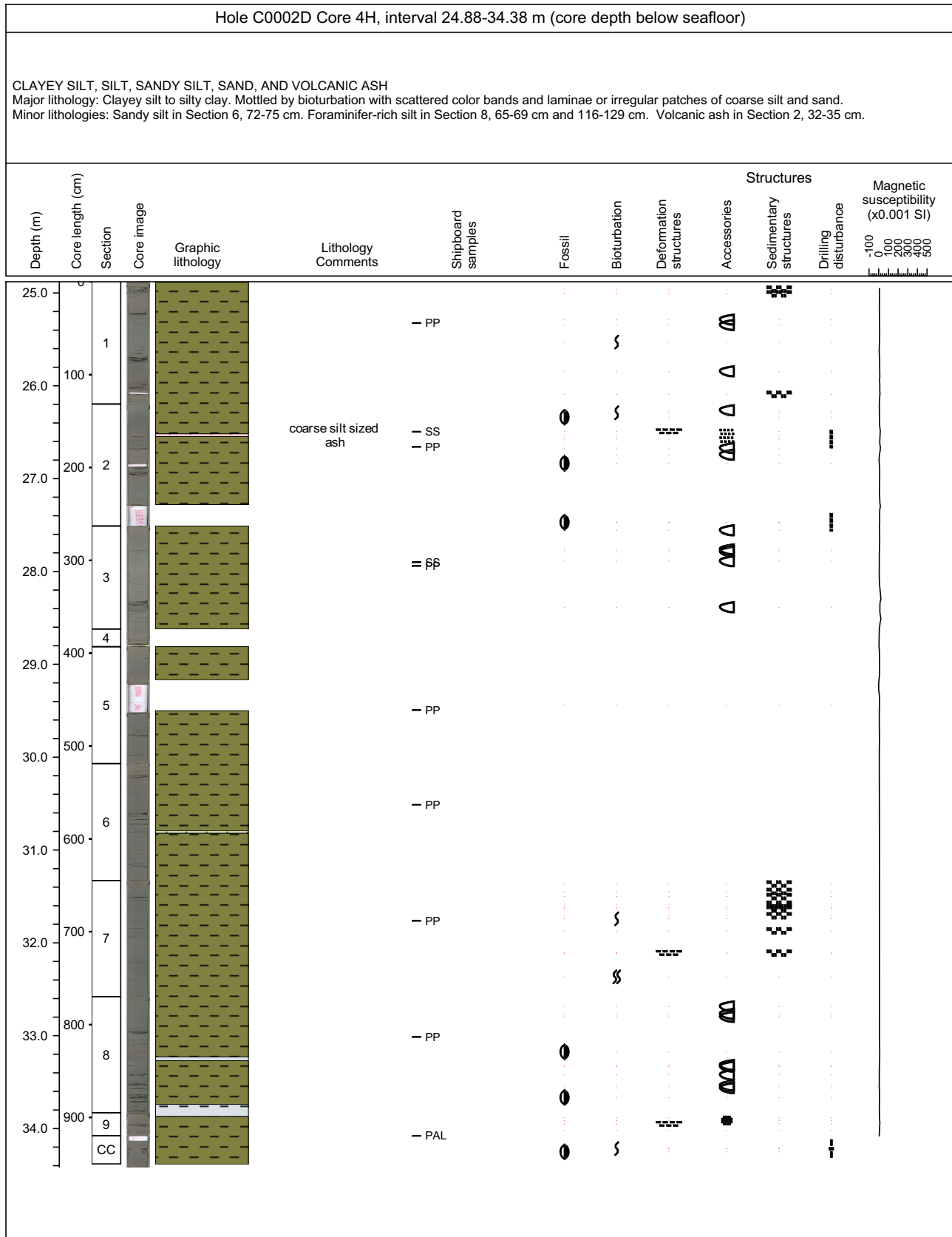
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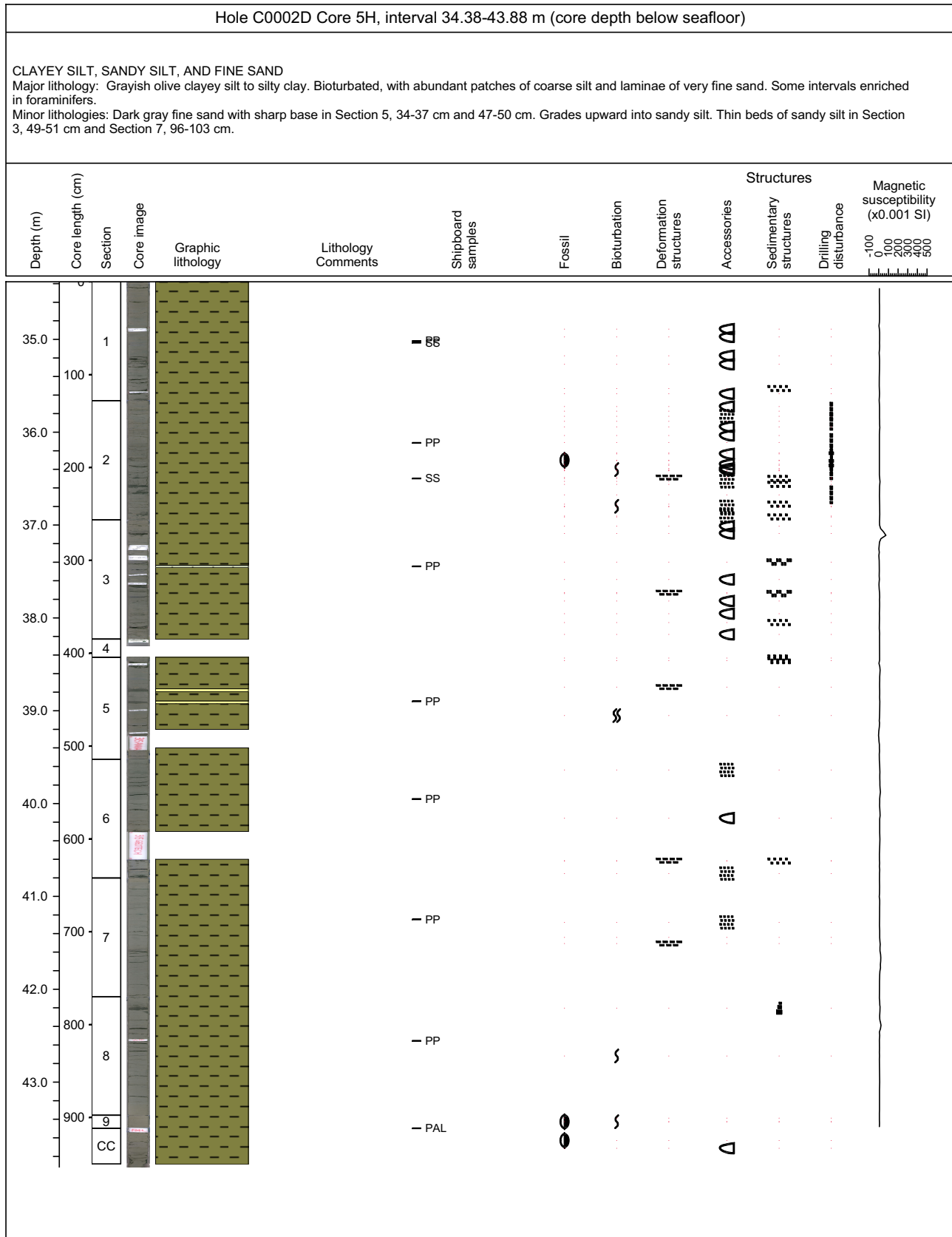
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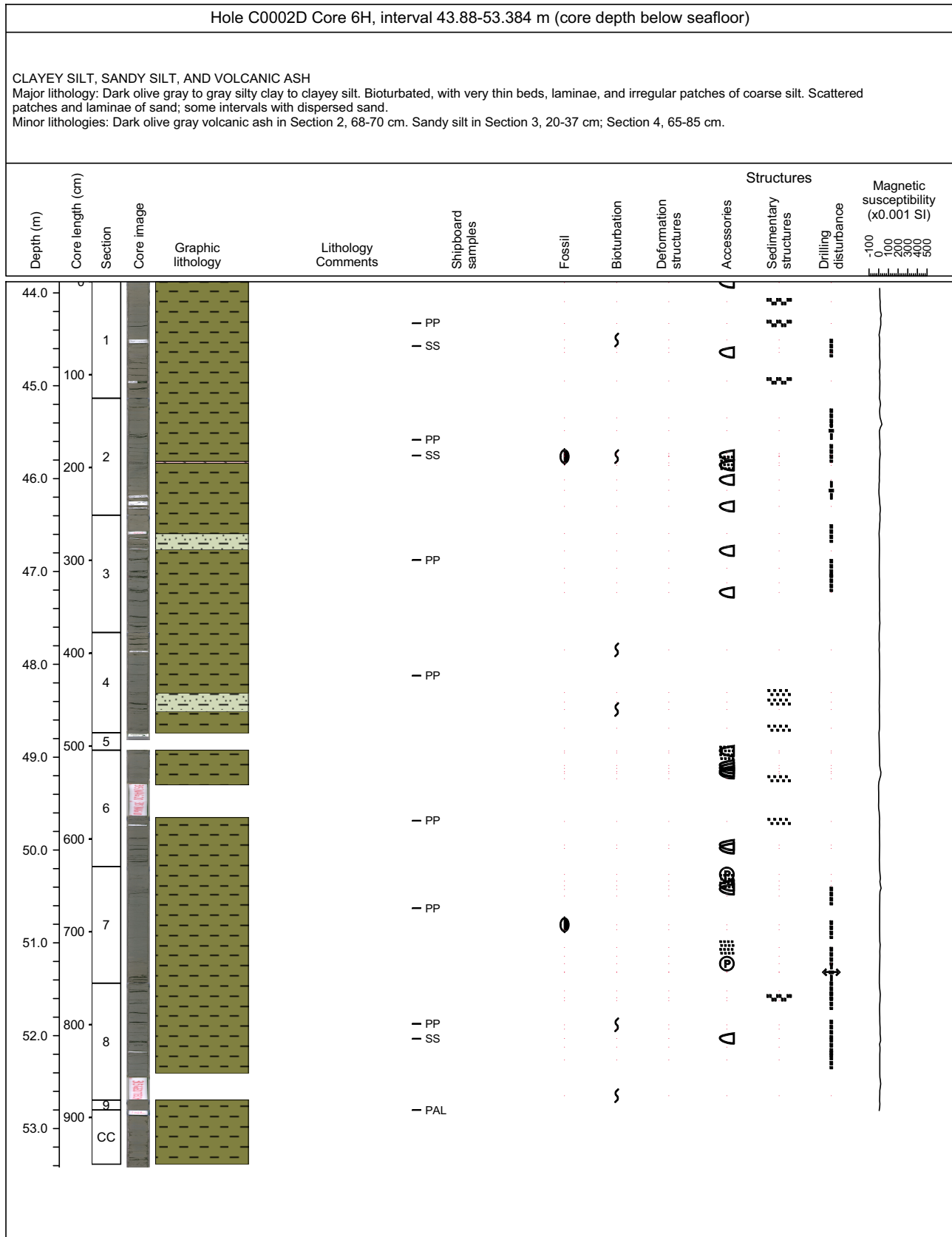
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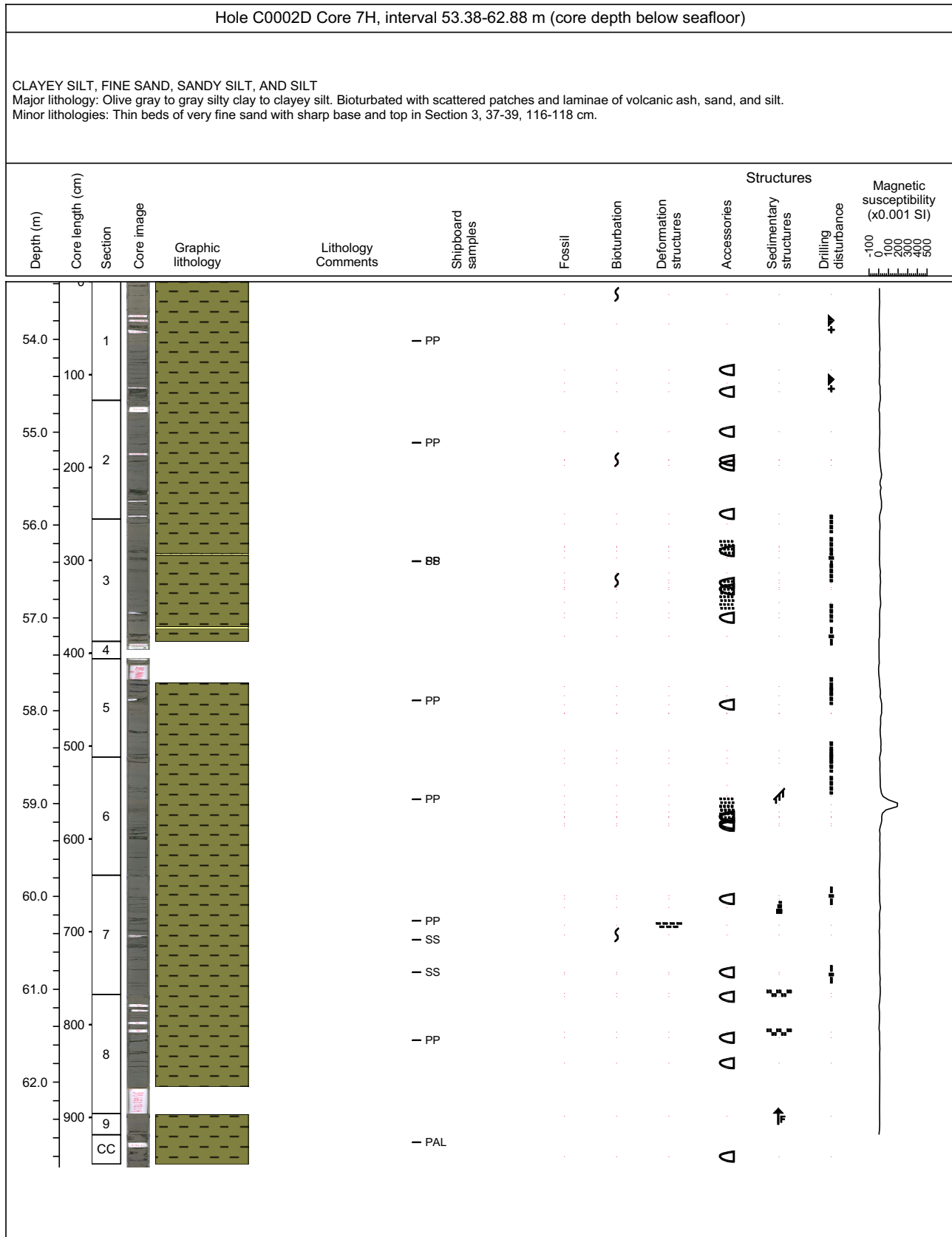
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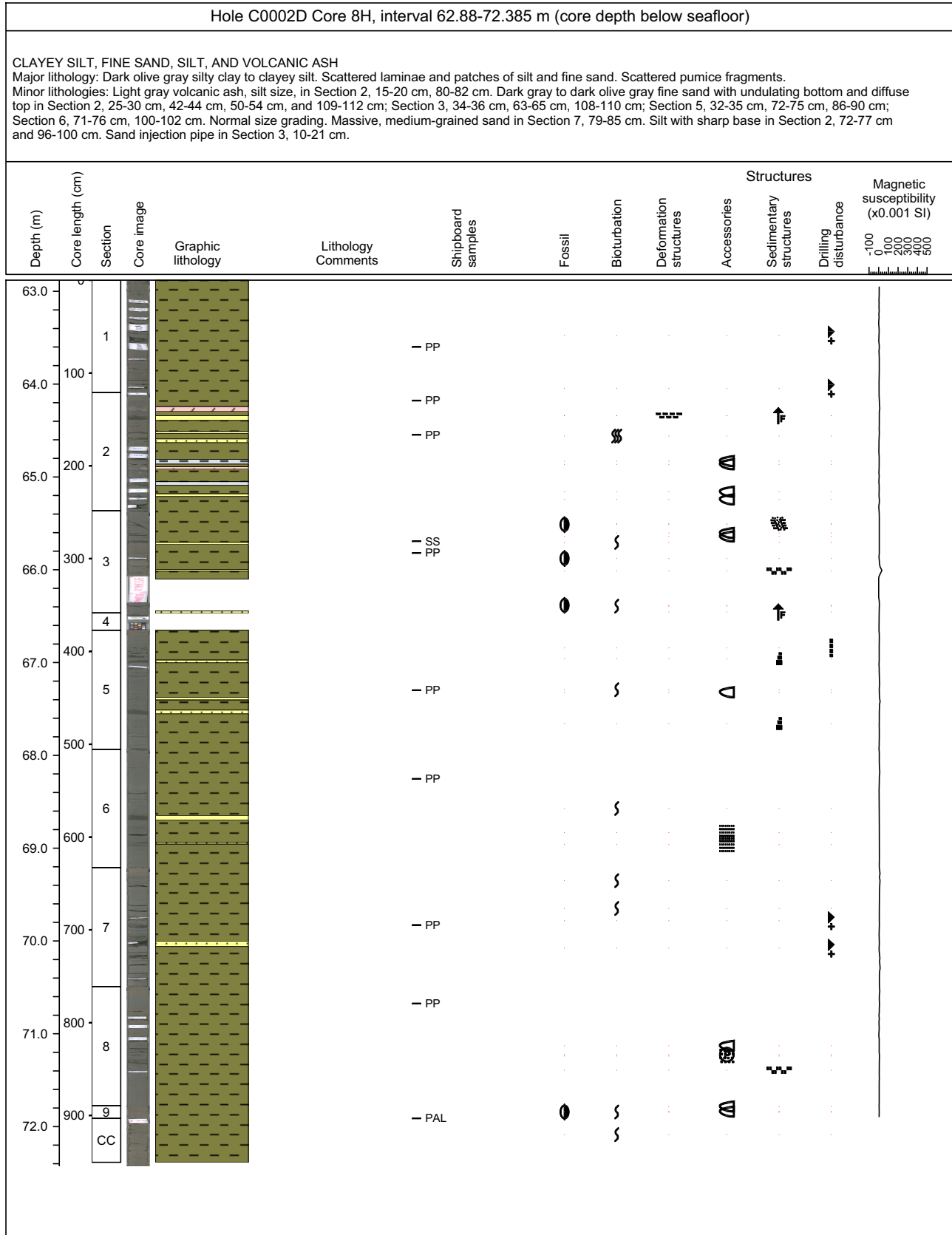
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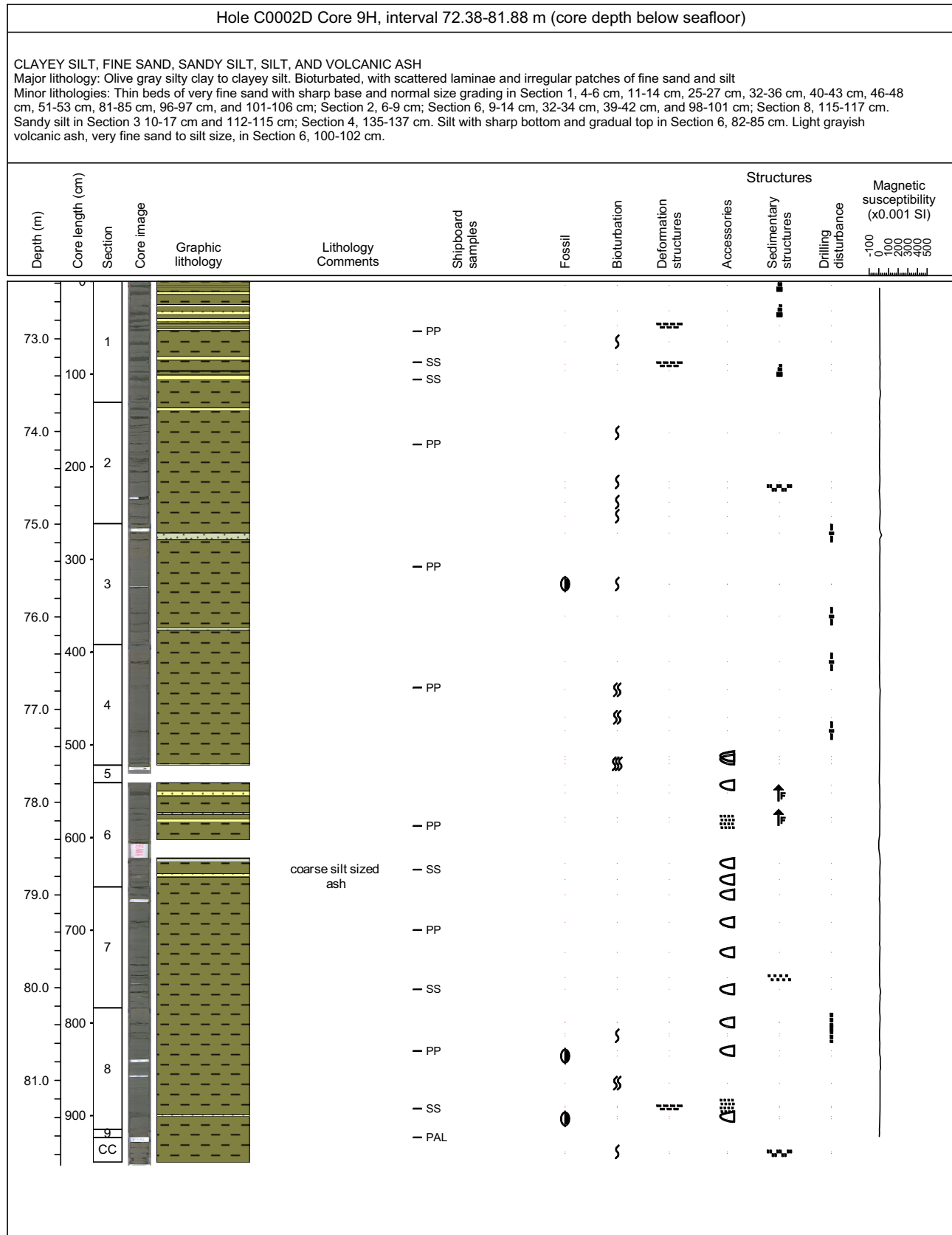
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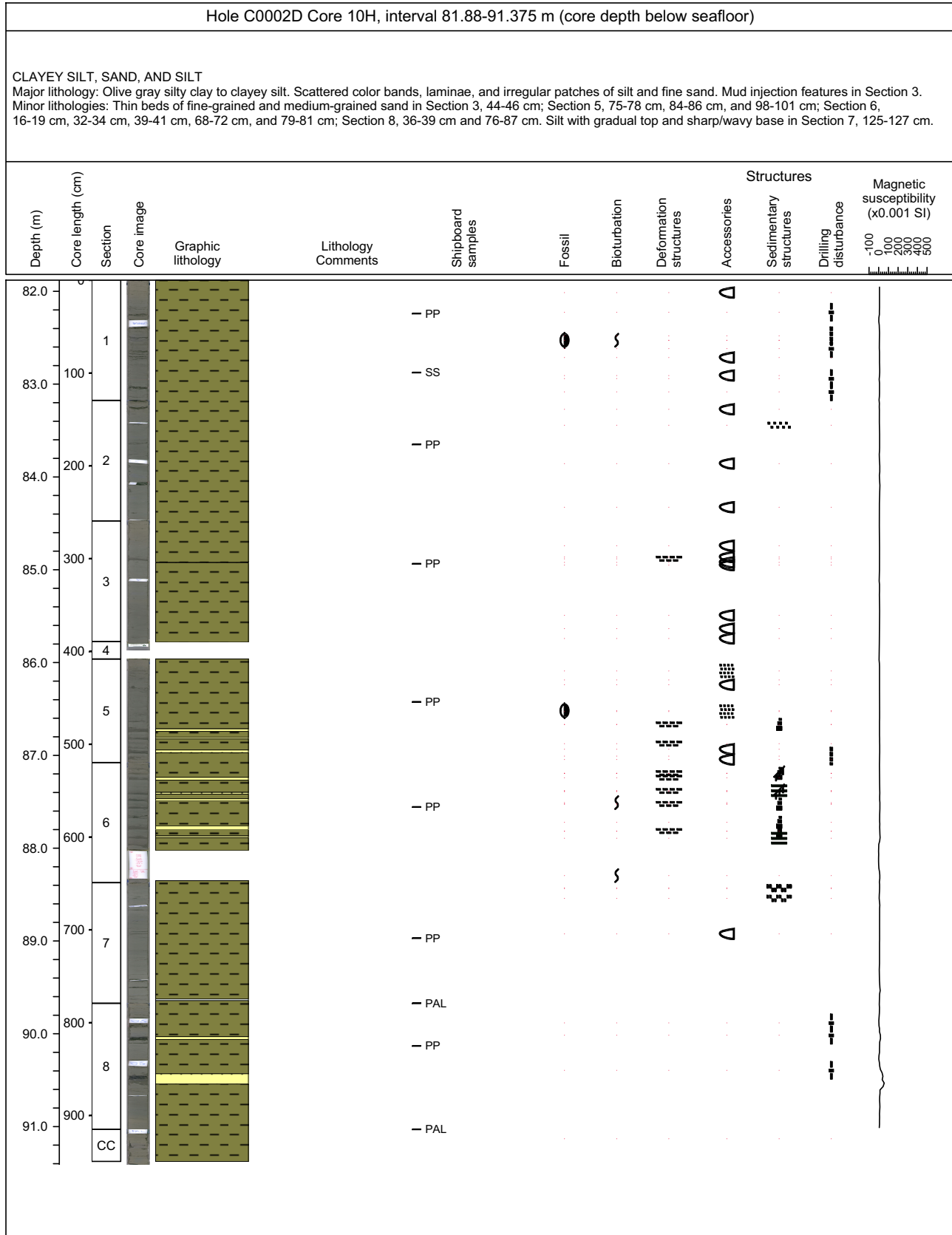
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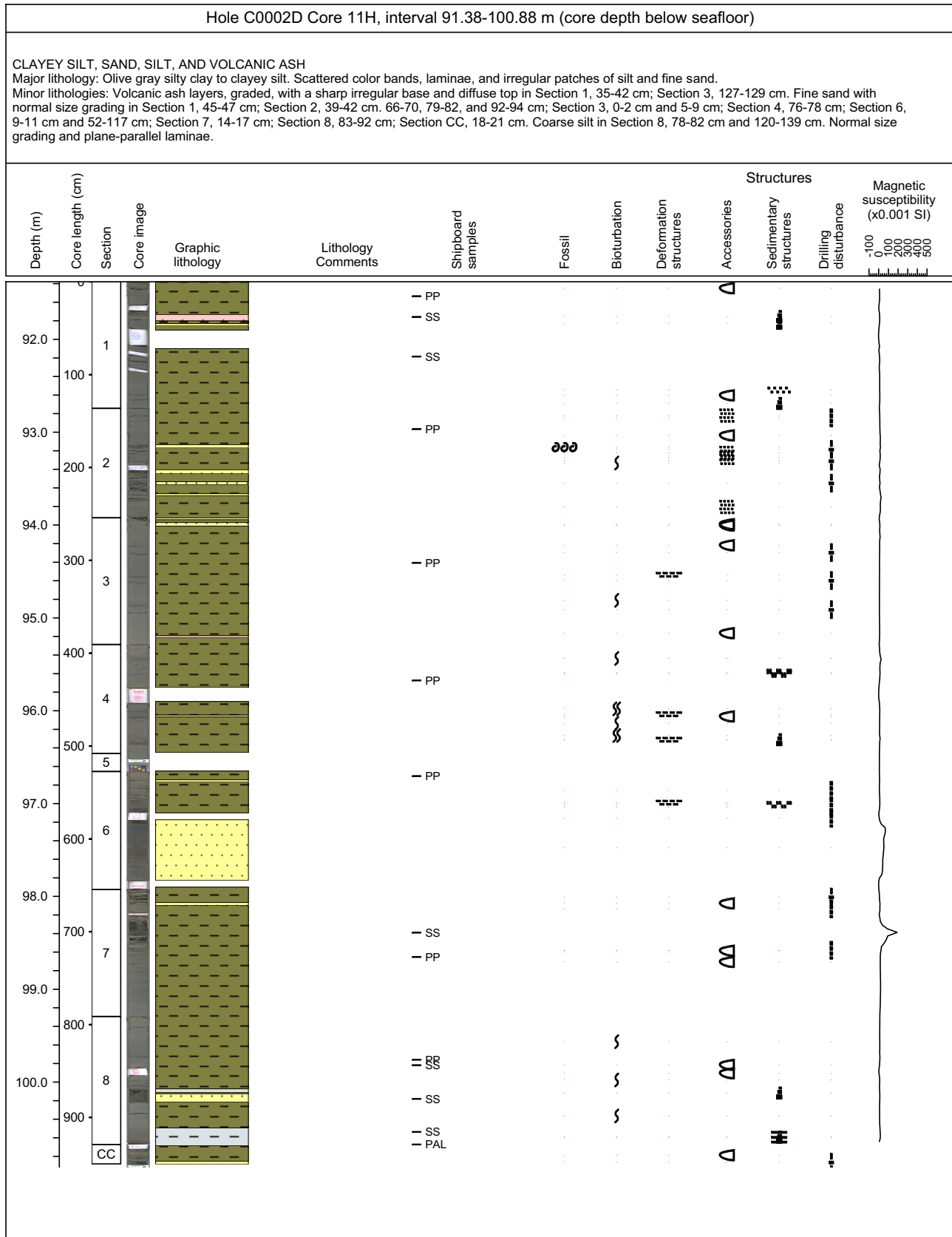
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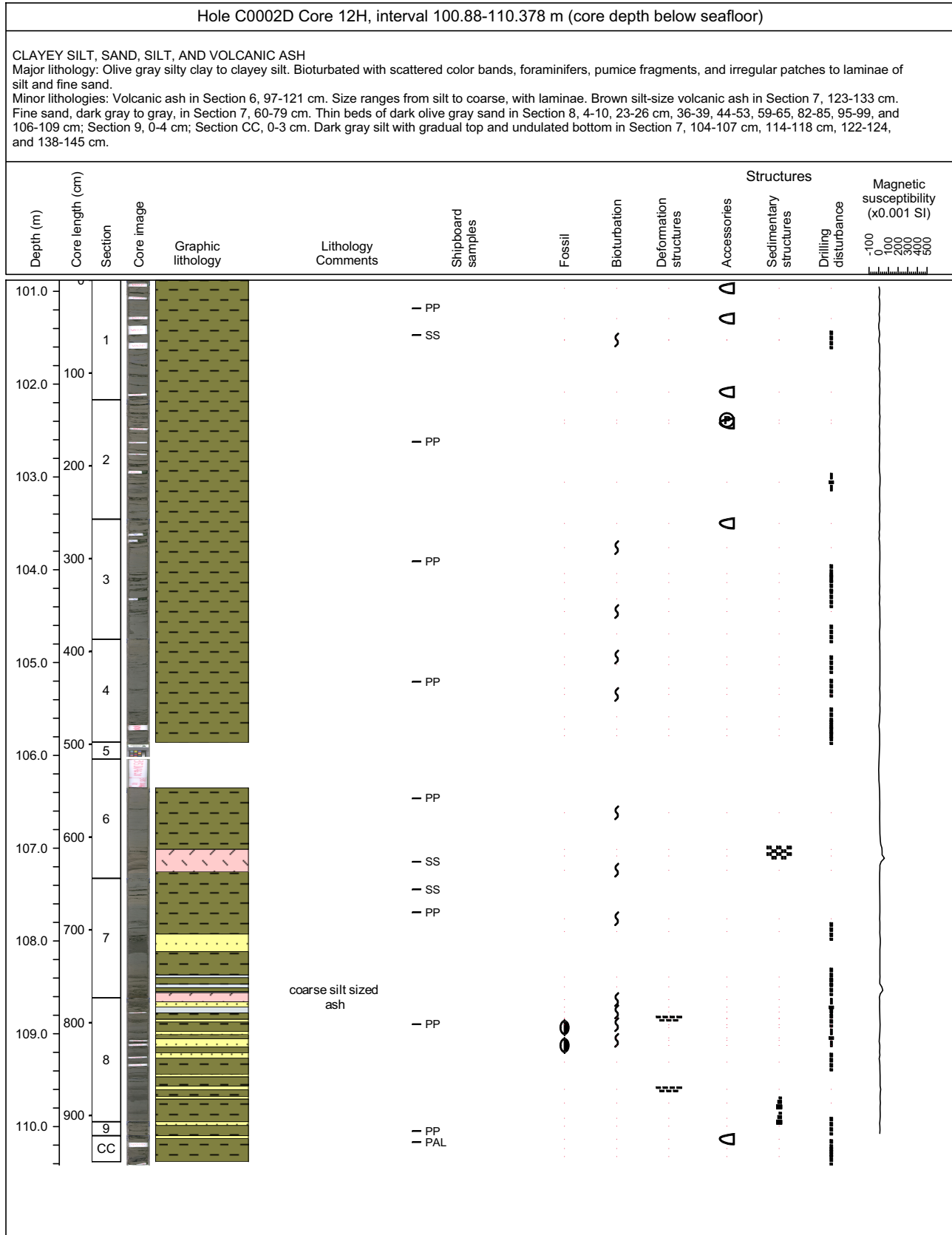
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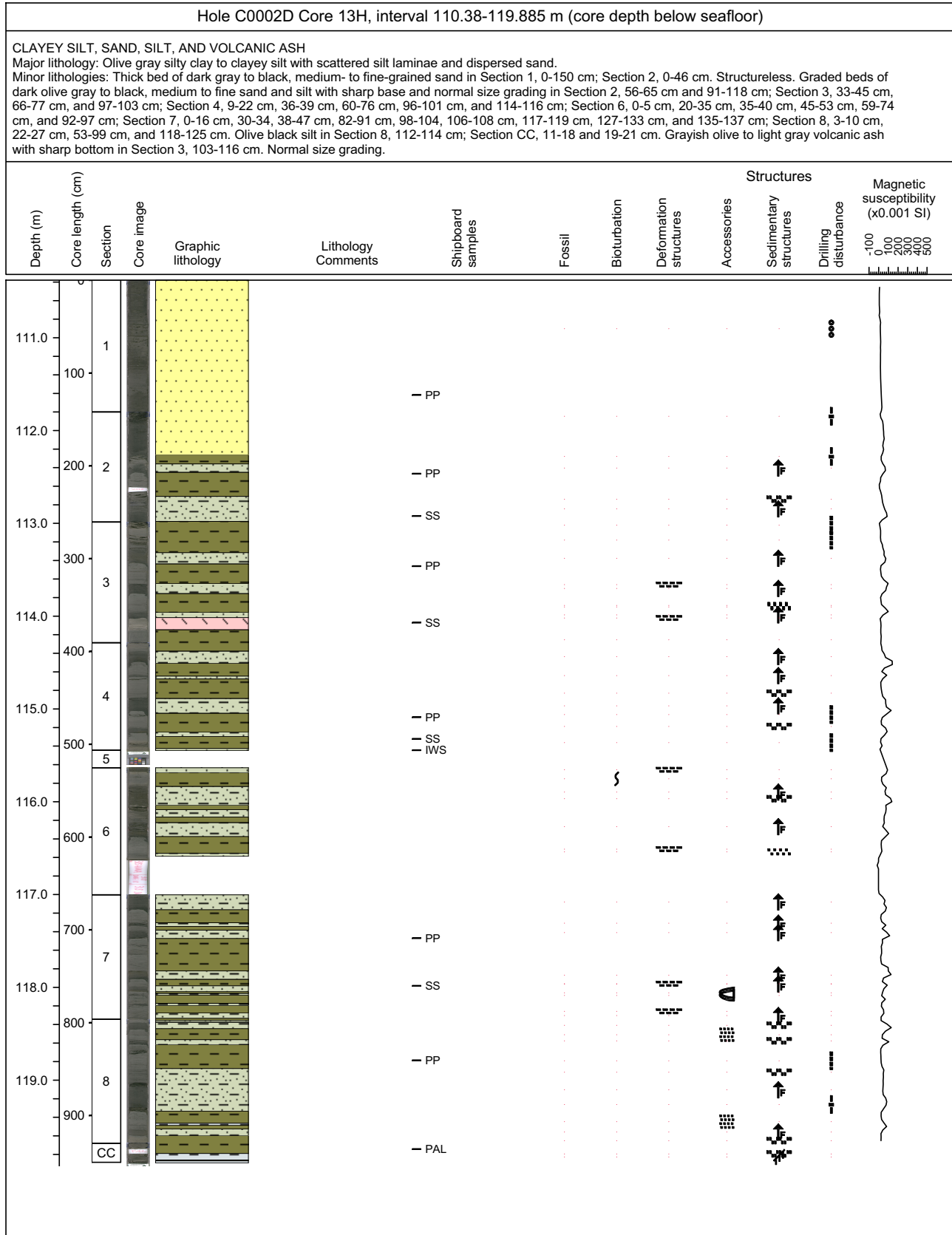
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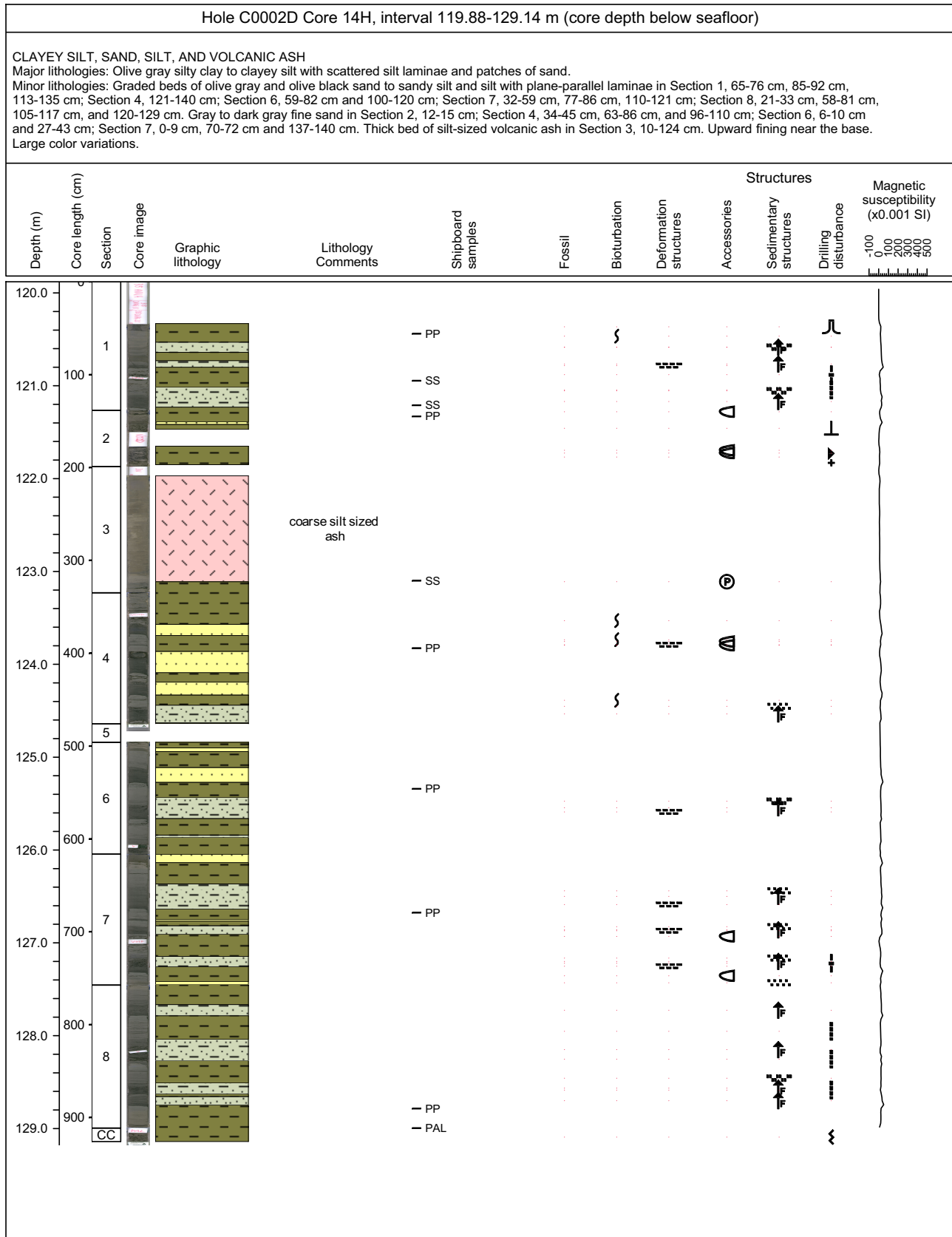
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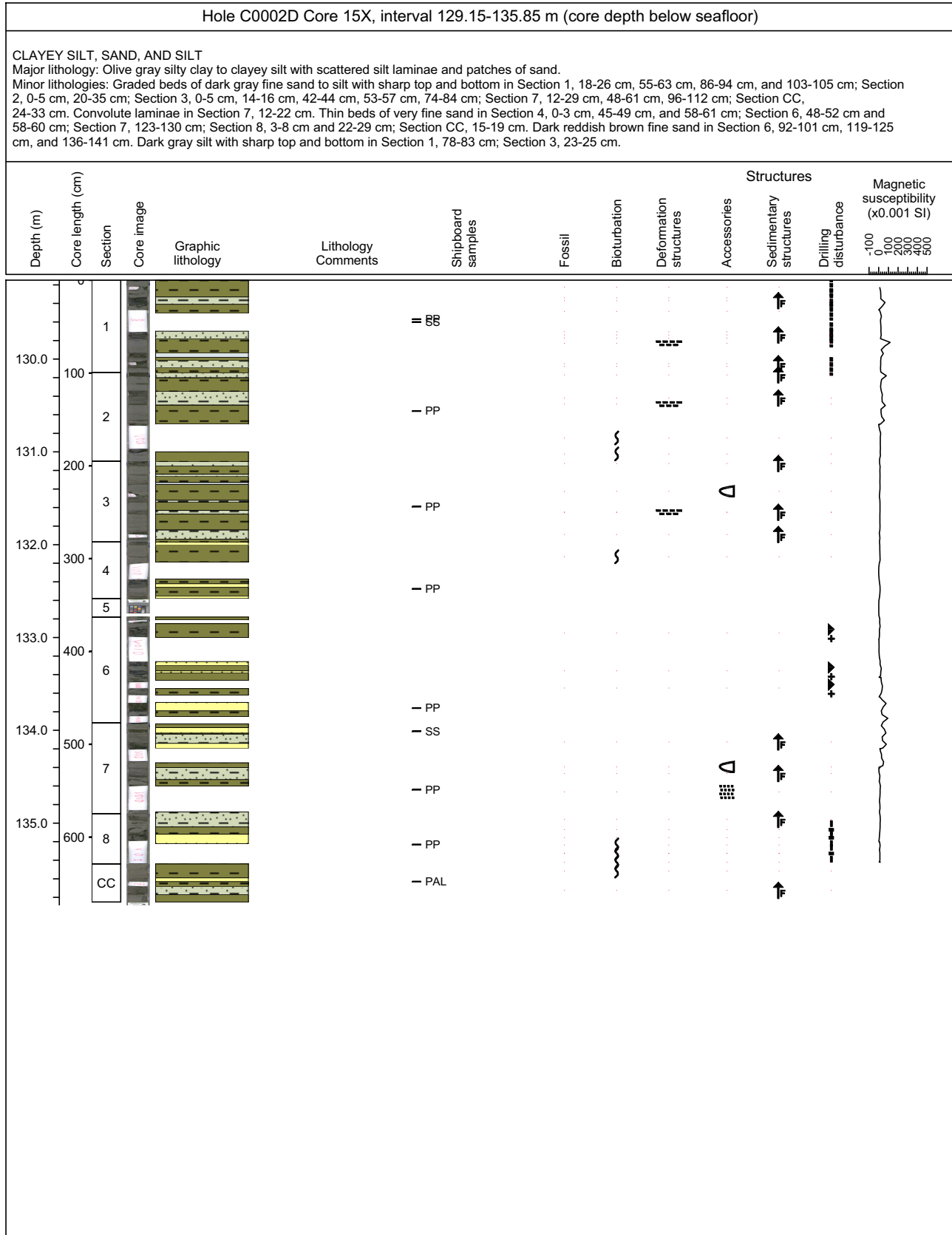
Core Photo



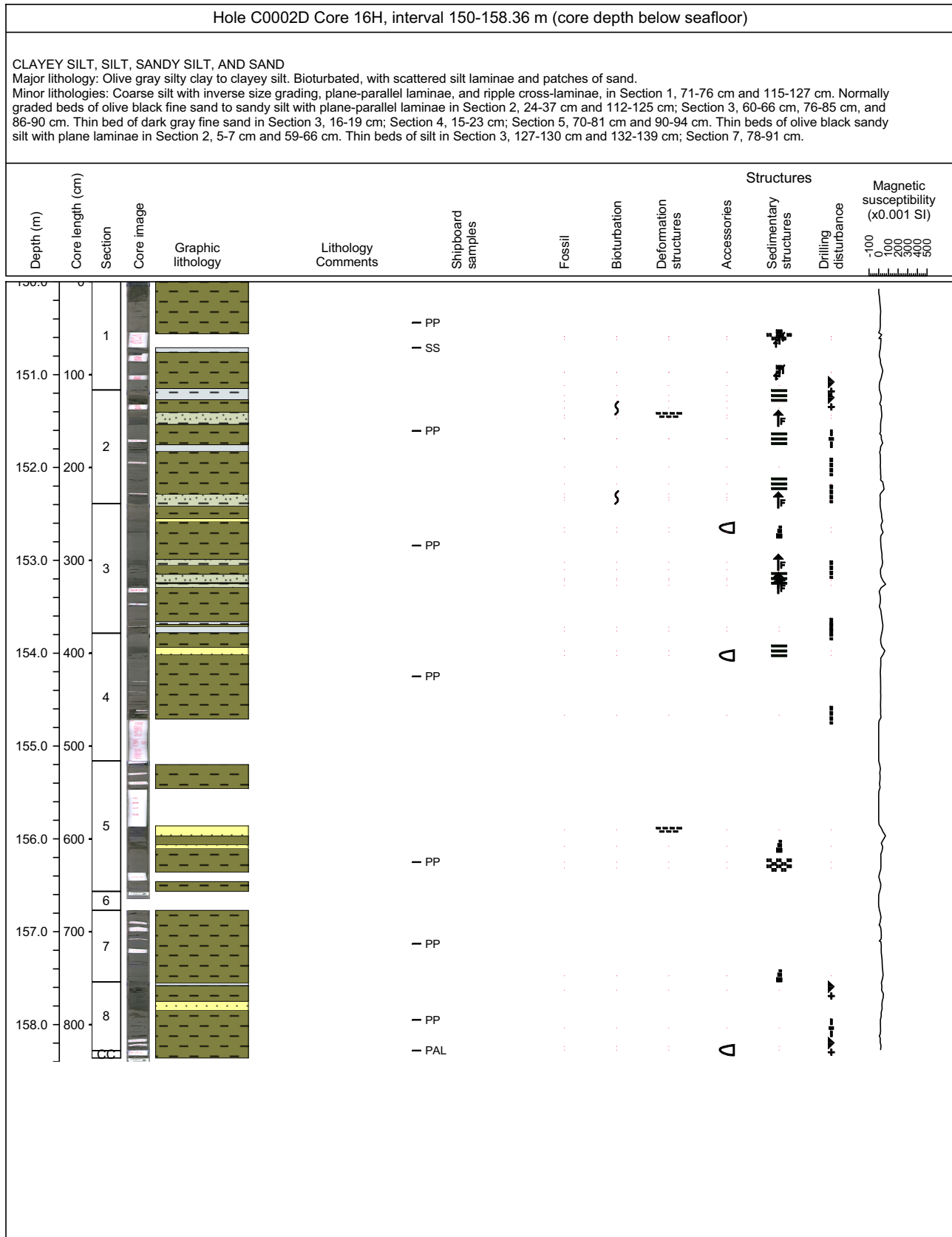
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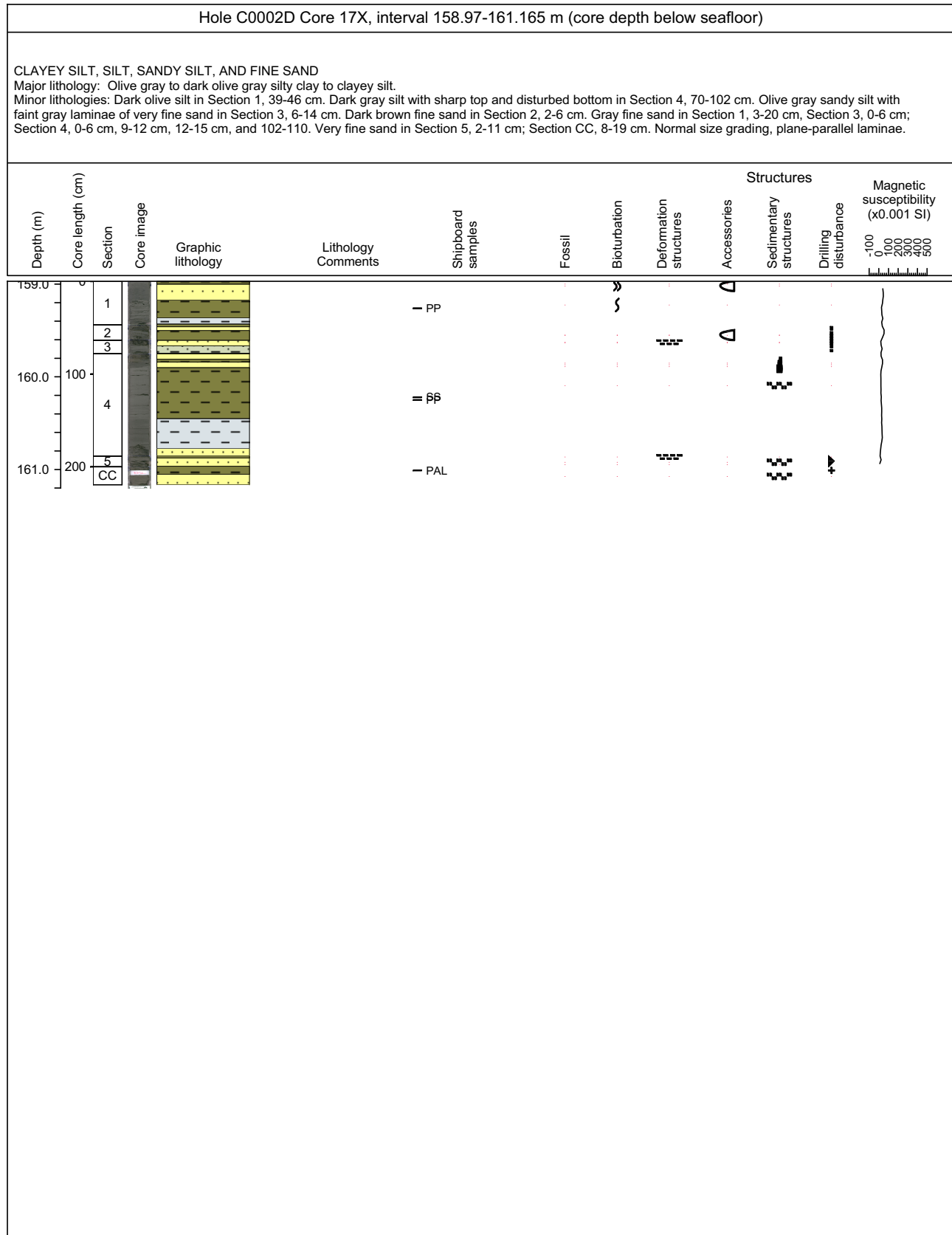
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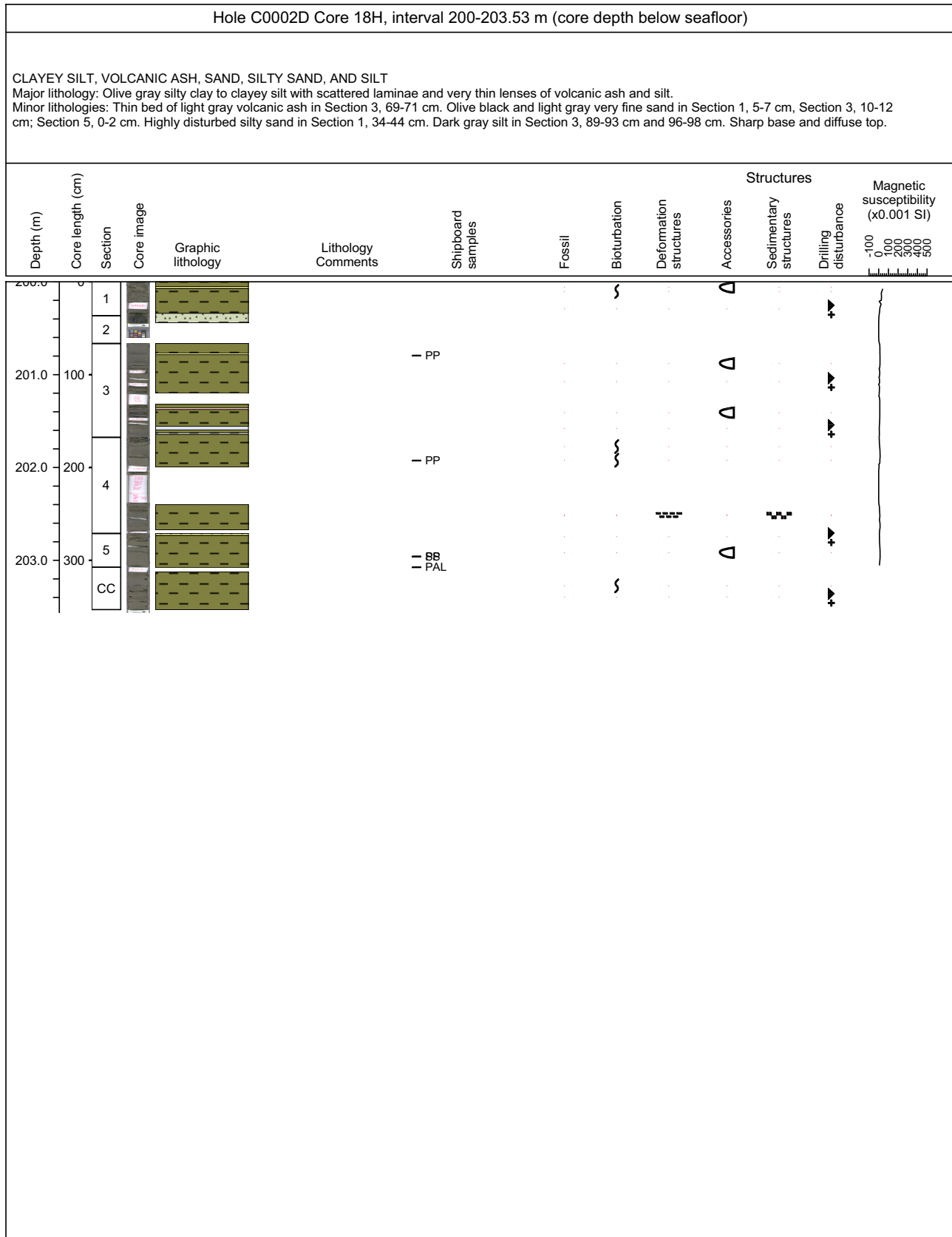
Core Photo



Core Photo



Core Photo





Expedition 315 Site C0002 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
C0002B-1R-1	37	475.37	Clayey silt	3	60	37	A	C	P			A										P	C	P				P	P	
C0002B-1R-1	62	475.62	Clayey silt	8	50	42	A	C	P			A										P	C	P					P	
C0002B-1R-1	127	476.27	Silty clay	2	30	68	C	C	P			D										P	C						P	
C0002B-1R-3	127	478.01	Sand silt clay	25	30	45	D	C	P			C										C						P	C	
C0002B-2R-1	86	485.36	Clayey silt	5	60	35	A	C				A										P	C	P				P	P	
C0002B-2R-1	129	485.79	Silt	10	75	15	D	C	P		P	C			P								A	P				P	P	
C0002B-2R-CC	9	486.02	Silty sand	60	40	0	D	A	P	P					P	P								P						
C0002B-3R-1	66	494.66	Clayey silt	5	50	45	A	C	P			A				P						P	C	P				P		
C0002B-3R-CC	7	495.30	Volcanic ash	5	90	10	C	P	P													D		P						
C0002B-4R-1	72	504.22	Clayey silt	2	60	38	A	C	P			C				P							C					P	P	
C0002B-4R-3	93	505.85	Sandy silt	30	60	10	D	C	P	P		C				P							P	P					P	
C0002B-5R-1	72	508.72	Clayey silt	7	50	43	A	C	P	P		A										P	C	P						
C0002B-5R-CC	5	508.84	Sandy silt	35	50	15	D	C	P			C				C						P	P						P	
C0002B-6R-CC	16	515.17	Sandy silt	30	50	15	D	C	P	P		C			P	C						P	P	P					P	
C0002B-7R-1	76	524.26	Clayey silt	2	55	43	A	P	P			A			P	P							C	P					P	
C0002B-8R-3	61	535.33	Sandy silt	30	51	19	D	P	P			A				C							P	P					P	
C0002B-9R-1	117	543.67	Sandy silt	26	55	19	D	C	P			C			P	C							P	P					C	
C0002B-9R-4	77	546.08	Sandy silt	21	60	19	D	A	P			C			P	P							P	P					P	
C0002B-9R-5	40	547.11	Sandy silt	30	51	19	D	C	P			C			P	P							P	P					P	
C0002B-10R-1	96	552.96	Sandy silt	30	55	15	D	C	P			C			P	P							P	P					P	
C0002B-10R-1	99	552.99	Volcanic ash	3	80	17	A	C	P			C			P							A	P						P	
C0002B-11R-1	78	562.28	Clayey silt	2	50	48	A	C	P			A				P						P	C	P				P	P	
C0002B-11R-5	58	566.30	Silty clay	5	40	55	A	C	P			A											C	P				P	P	
C0002B-12R-2	83	573.24	Clayey silt	3	55	42	A	C	P			A			P	P							C	P					P	
C0002B-13R-1	135	581.85	Clayey silt	2	55	43	A	P	P			A				C						C	P						P	
C0002B-13R-3	3	582.26	Silty sand	50	40	10	D	C	P			C										P	C	P					P	
C0002B-13R-3	50	582.73	Clayey silt	4	70	26	A	C	P			A			C?	P						P	P	P				P		
C0002B-13R-4	80	584.125	Volcanic ash	3	70	27	A	P	P			A				P						A	P	P				P	P	
C0002B-14R-1	131	591.31	Silty sand	45	30	15	D	C	P	P		C			P	P						P	P	P					P	
C0002B-14R-1	135	591.35	Clayey silt	3	55	42	A	C	P			A			P	P							p	P					P	
C0002B-15R-1	90	600.40	Silty sand	50	35	15	D	C				A			P	P							P	P					P	
C0002B-15R-1	93	600.43	Clayey silt	10	50	40	A	C	P			A			P	P							C	P					P	
C0002B-16R-1	69	609.69	Sandy silt	30	45	25	D	C	P			A			P	P						P	P	P					P	
C0002B-16R-1	77	609.77	Volcanic ash	2	80	18	C	P	P			C			P							D	P						P	
C0002B-16R-1	103	610.03	Clayey silt	5	55	40	A	P	P			A			P	C						P	C	P					P	



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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		Silicoflagel- lites	Sponge spic- ules	Opague grains	Other
C0002B-16R-1	105	610.05	Clayey silt	2	55	43	A	C	P			D			P	C						P	P	P				P	P	
C0002B-17R-1	48	618.98	Sand silt clay	25	40	35	A	C	P	P		A			P	P							C	P					P	
C0002B-17R-3	20	621.52	Sand silt clay	20	45	35	A	C	P			A			P	P							P	P					P	
C0002B-18R-1	50	628.50	Clayey silt	5	50	45	A	C	P			A			P	P							C	P					P	
C0002B-19R-1	92	638.42	Volcanic ash	5	75	20	C	P		P		C										D	P	P					P	
C0002B-19R-4	33	641.06	Clayey silt	19	50	31	A	C	P			A			P	C							P	P					P	
C0002B-20R-1	126	648.26	Silty clay	2	13	85	A	P	P	P		A			P								P						P	
C0002B-20R-3	93	650.76	Clayey silt	15	50	35	A	C	P	P		A											P	A					P	
C0002B-21R-1	30	656.80	Clayey silt	5	60	35	A	C	P	P		A			P	P							C	P				P	P	
C0002B-21R-4	105	660.36	Clayey silt	15	50	35	A	P	P			A				P						P	P	C					P	
C0002B-23R-1	68	675.68	Clayey silt	2	50	48	A	P	P			A			P	P							C	P					P	P
C0002B-23R-4	52	678.76	Clayey silt	3	55	42	A	C	P			A			P	P							C	P					P	P
C0002B-24R-1	105	685.55	Clayey silt	3	51	46	A	C	P			A			P	P							C	P					P	P
C0002B-24R-3	50	686.83	Sandy silt	25	56	19	D	C	P	P		C			P	P						P	P	P					P	
C0002B-25R-1	60	694.60	Clayey silt	8	51	41	A	C	P			A			P	P							C	P					P	
C0002B-25R-1	135	695.35	Sandy silt	26	55	19	D	C	P			C			P	P							C	P					P	
C0002B-26R-1	80	704.30	Clayey silt	3	55	42	A	C	P			A			P	C							P			P			P	
C0002B-26R-1	114	704.64	Sandy silt	25	56	19	A	C	P			C				C							P	P					P	
C0002B-27R-1	98	713.98	Clayey silt	5	60	35	A	C	P			A			P	C							P	P					P	P
C0002B-27R-3	81	715.24	Siltsand	55	30	15	D	C	P			C				P							P	P					P	P
C0002B-27R-3	83	715.26	Volcanic ash	3	65	32	C	P	P			A				P						D	P	P					P	P
C0002B-28R-1	15	722.65	Clayey silt	5	51	44	A	C	P			A			P	P							P	P					P	
C0002B-28R-1	22	722.72	Volcanic ash	3	60	37	A	P	P			A				P						A	P	P						
C0002B-28R-1	112	723.62	Silt	3	76	21	D	C	P			A			P	P							P						P	
C0002B-28R-1	135	723.85	Sandy silt	21	60	19	A	C	P			C			P	P							P	P					P	Wood pices abundant
C0002B-28R-3	2	725.34	Volcanic ash	2	90	8	D	P	P			C										D	P	P					P	
C0002B-29R-1	80	732.80	Clayey silt	3	56	41	A	C	P			A			P	C							C						P	P
C0002B-29R-1	95	732.95	Silty sand	60	35	5	D	A	P	P		P				P							P						P	
C0002B-29R-3	16	733.79	Silty clay	5	50	45	A	P				C			P	P							C	P					P	P
C0002B-30R-1	27	741.77	Silty sand	55	40	5	D	C	P	P		P				C							P	P					P	
C0002B-30R-1	97	742.47	Clayey silt	3	55	42	A	C	P	P		A			P	P							P	P					P	
C0002B-30R-3	5	743.28	Sandy silt	25	56	19	D	C	P	P		C			P	P							P						P	
C0002B-31R-1	22	751.22	Clayey silt	8	51	41	A	C	P	P		A			P	P							P						P	P
C0002B-31R-2	74	753.15	Sandy silt	25	61	14	D	A	P			C			P	P						P	P	P					P	P
C0002B-31R-2	87	753.28	Clayey silt	2	60	38	C	P	P			A			P	P						A	C	P					P	
C0002B-32R-3	40	763.29	Clayey silt	10	50	40	A	C	P			A						P					P	P					P	Other is red-brown organic matter
C0002B-32R-6	100	765.71	Silty clay	5	40	55	A	C				A											C							



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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	Opague grains	Other	
C0002B-33R-3	70	772.11	Clayey silt	2	50	48	A	C	P			A										C							P	Other is red-brown organic matter	
C0002B-36R-1	80	796.80	Clayey silt	10	50	40	A	C	P			A						P				C	R						R	Other is red-brown organic matter	
C0002B-37R-1	125	806.75	Clayey silt	5	55	40	A	C	P			A						P													
C0002B-38R-1	90	815.90	Silty clay	0	30	70	A	C				D										P									
C0002B-38R-1	138	816.38	Clayey silt	10	55	35	A	C	P			A						R				C							P	Other is red-brown organic matter	
C0002B-39R-1	74	825.24	Clayey silt	5	55	40	A	C	P			A						P				C									
C0002B-40R-1	20	834.20	Silty clay	0	40	60	A	C				A										C									
C0002B-41R-4	57	847.31	Clayey silt	0	49	51	A	C				A			P							C								Nature of calcite uncertain	
C0002B-41R-4	79	847.53	Silty clay	0	30	70	A	C				D																			
C0002B-42R-2	13	854.54	Silty clay	1	29	70	A	P				D			P							C								Nature of calcite uncertain	
C0002B-42R-3	39	856.20	Clayey silt	10	60	30	A	C	R		R	C			P							C	P								
C0002B-45R-1	80	882.30	Silty clay	0	30	70	C	C				A										A									
C0002B-46R-1	60	891.60	Silty clay	0	30	70	C	P				A			P							A		P			P				
C0002B-46R-3	44	894.27	Volcanic ash	30	40	30	A	P				C									A	C	P							Ash is dispersed	
C0002B-47R-1	100	901.50	Silty clay	0	40	60	C	C				C			C							A									
C0002B-48R-2	59	912.00	Silty clay	0	30	70	C	P				A										A		P			P				
C0002B-48R-3	43	913.26	Volcanic ash	30	50	20	C	C				C									A	C									
C0002B-48R-3	66	913.49	Glauconite grain																											Glauconite	
C0002B-49R-2	79	921.70	Silty clay	0	40	60	C	C				A										A		P			P				
C0002B-49R-2	83	921.74	Silty clay	0	30	70	C	P				A										A		P			P				
C0002B-50R-1	43	929.43	Carbonate nodule																											Carbonate nodule of microcrystalline calcite	
C0002B-50R-1	59	929.59	Clayey silt	0	55	45	A	C				A										C									
C0002B-51R-1	6	938.56	Silty claystone	0	40	60	A	C				A										C						P		Other is red-brown organic matter	
C0002B-51R-2	77	940.67	Sand silt clay	20	40	40	A	C				A										C		P			P	C		Other is red-brown organic matter	
C0002B-51R-2	110	941.00	Sand silt clay	40	30	30	A	C				C						C				C									
C0002B-51R-6	5	944.17	Sand silt clay	40	30	30	A	C				A						C				P								Blue amphiboles	
C0002B-55R-1	25	976.75	Silty sand	40	40	20	A	C				C						C				P								Blue-green amphiboles	
C0002B-56R-1	50	986.50	Sand silt clay	50	25	25	A	C				C						C				P									
C0002B-56R-3	57	987.63	Carbonate cement																											Cemented clast of microcrystalline carbonate, possibly dolomite	
C0002B-57R-1	14	995.64	Sandstone	100	10	0																								Slide is not representative of this highly lithified sample; cement is microcrystalline calcite; grains include an important lithic component based on handlens inspection	
C0002B-59R-1	32	1009.82	Sandy silty claystone	20	20	60	A	C				A										C									
C0002B-59R-1	48	1009.98	Micrite																												
C0002B-59R-1	95	1010.45	Silty claystone	0	40	60	A	C				A										C									
C0002B-60R-1	90	1014.90	Silty claystone	0	20	80	C	P				C																	D	Other is carbonate mud (micrite)	
C0002B-61R-1	40	1018.90	Silty claystone	0	40	60	A	C				C										A									



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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		Silicoflagel- lates	Sponge spic- ules	Opague grains	Other		
C0002B-61R-2	12	1020.03	Sandy siltstone	50	40	10	D	C				C						C														
C0002B-62R-1	25	1023.25	Silty claystone	0	30	70	C	C				A										C										
C0002B-63R-1	52	2999.02	Sandstone	90	10	0	A	A										C														
C0002B-63R-2	22	3000.13	Siltstone	40	60	0	A	A										C														
C0002B-64R-1	44	1042.44	Silty claystone	0	40	60	A	C				A										C										
C0002B-64R-1	46	1042.46	Clayey siltstone	10	55	35	A	A				A										C										
C0002B-64R-2	73	1043.73	Silty claystone	10	20	70	C	C				A										C										