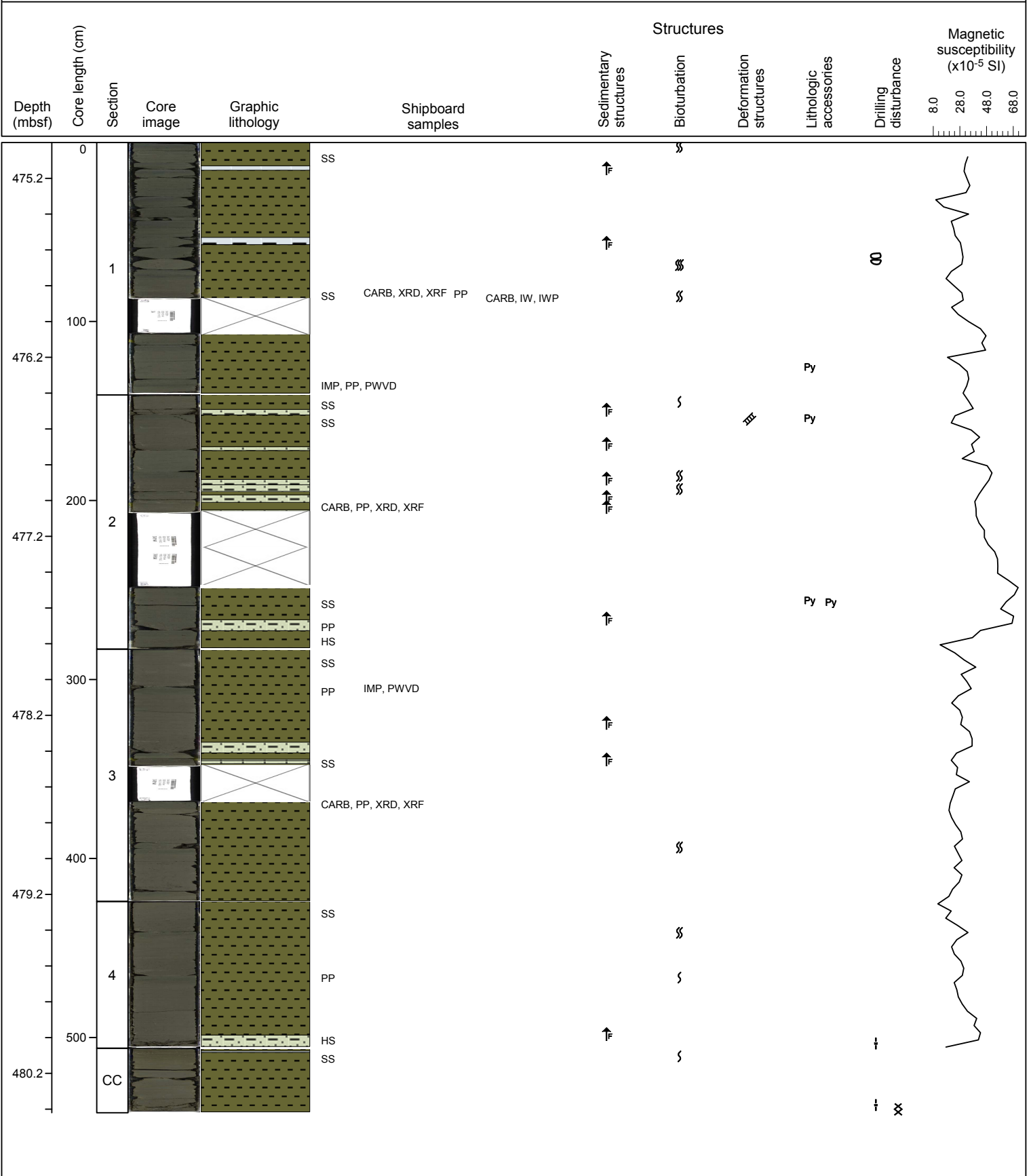


Hole C0002M Core 1R, interval 475-480.42 m (core depth below seafloor)

SILTY CLAYSTONE AND SILT

Major lithology: Greenish gray claystone to silty claystone, commonly bioturbated.  
 Minor lithology: Greenish gray sandy siltstone with slight fining upward gradation.

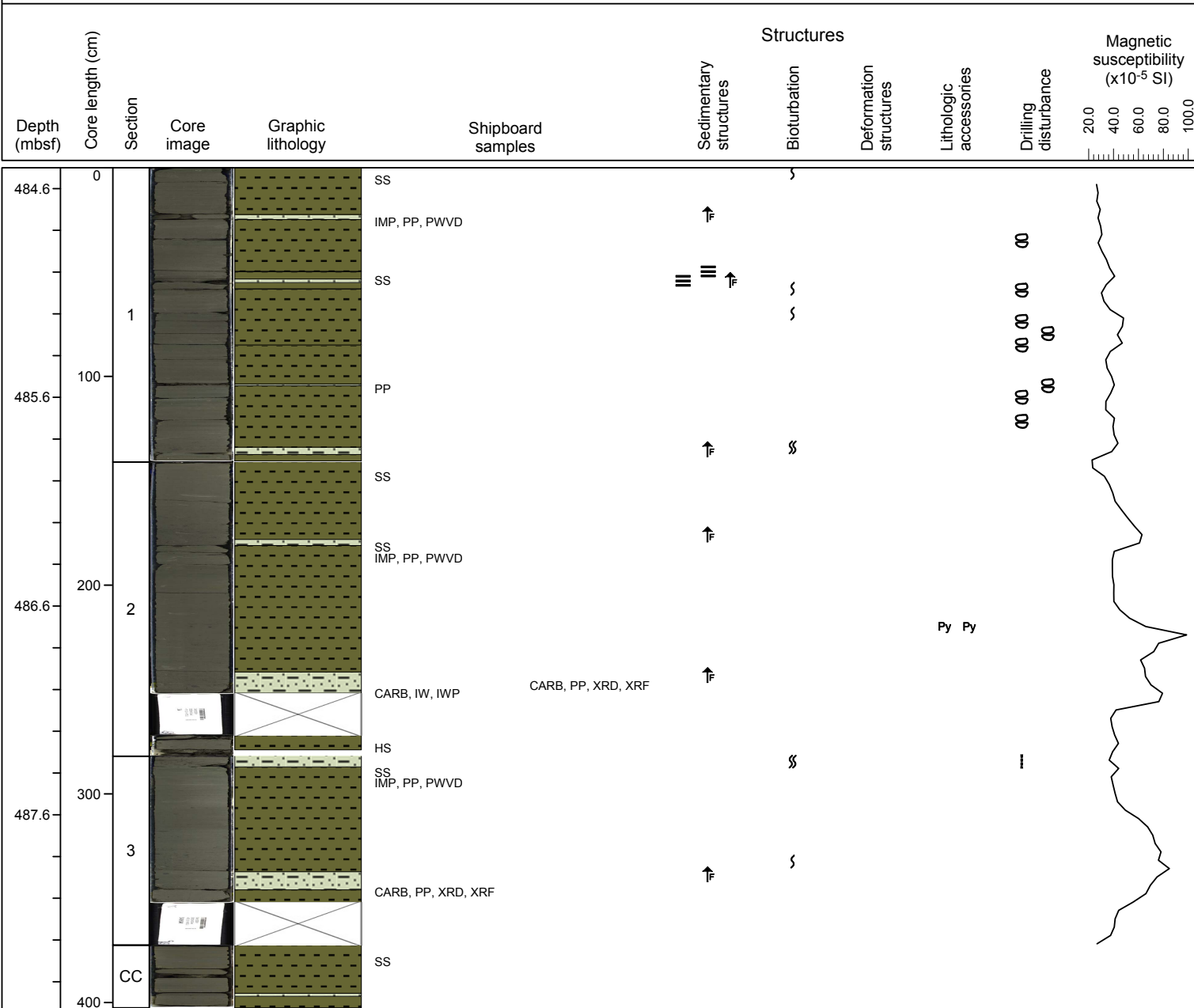
Pyrite is concentrated in vein



Hole C0002M Core 2R, interval 484.5-488.525 m (core depth below seafloor)

SILTY CLAYSTONE AND SILT

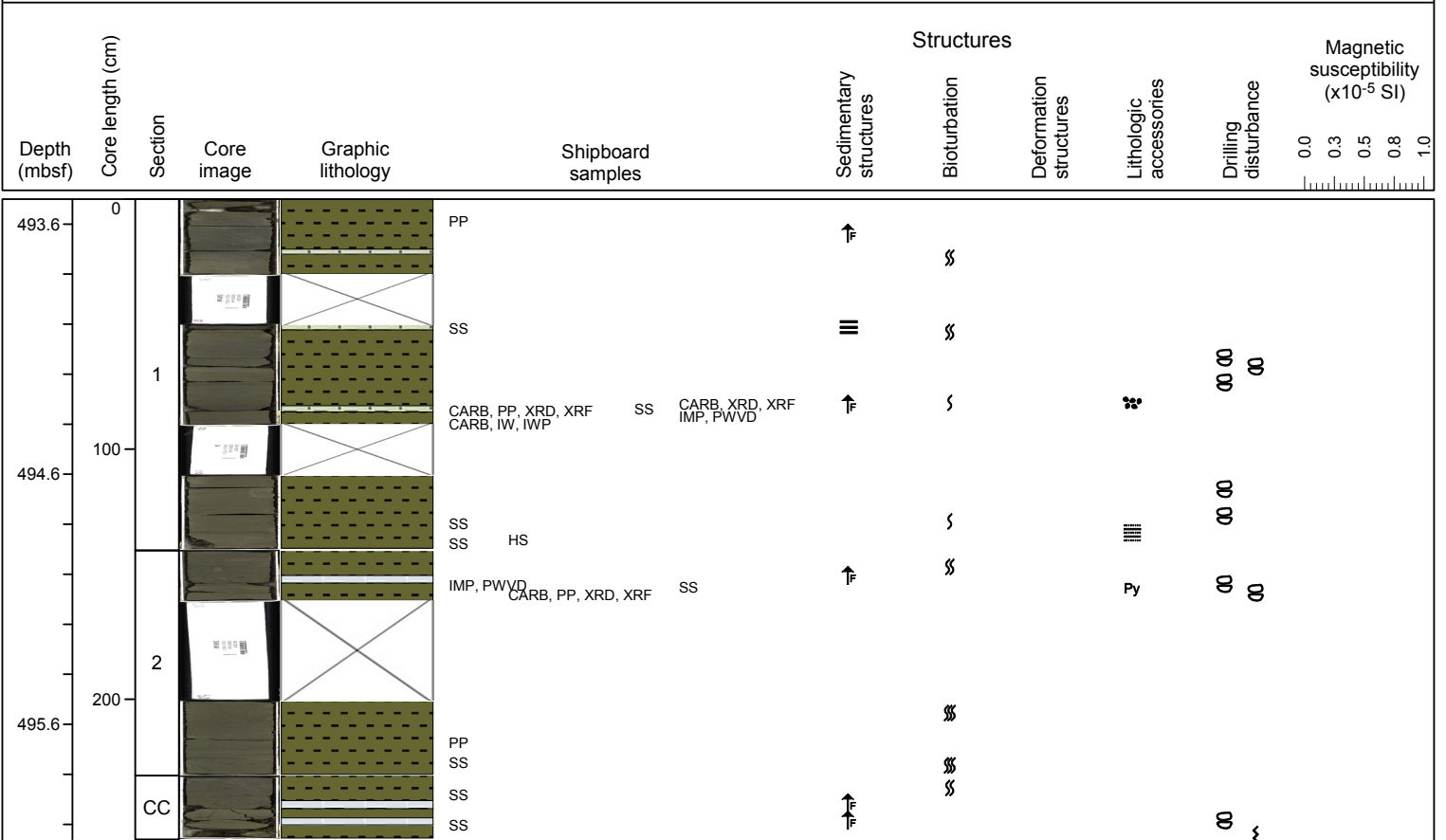
Major lithology: Greenish gray claystone to silty claystone, commonly bioturbated, fossil and organic matter rich.  
 Minor lithology: Greenish gray sandy siltstone with slight fining upward gradation.



Hole C0002M Core 3R, interval 493.5-496.06 m (core depth below seafloor)

SILTY CLAYSTONE AND SILT

Major lithology: Greenish gray claystone to silty claystone, commonly bioturbated, with occasional thin laminae and color banding.  
 Minor lithology: Greenish gray sandy siltstone with slight fining upward gradation.





Hole C0002P Core 1R, interval 2163-2163.44 m (core depth below seafloor)

SILTY CLAYSTONE AND SANDSTONE

Major lithology : greenish gray silty claystone with steep bedding, color banded and with occasional sand lenses.

Minor lithology : greenish gray sandstone, fine grained.

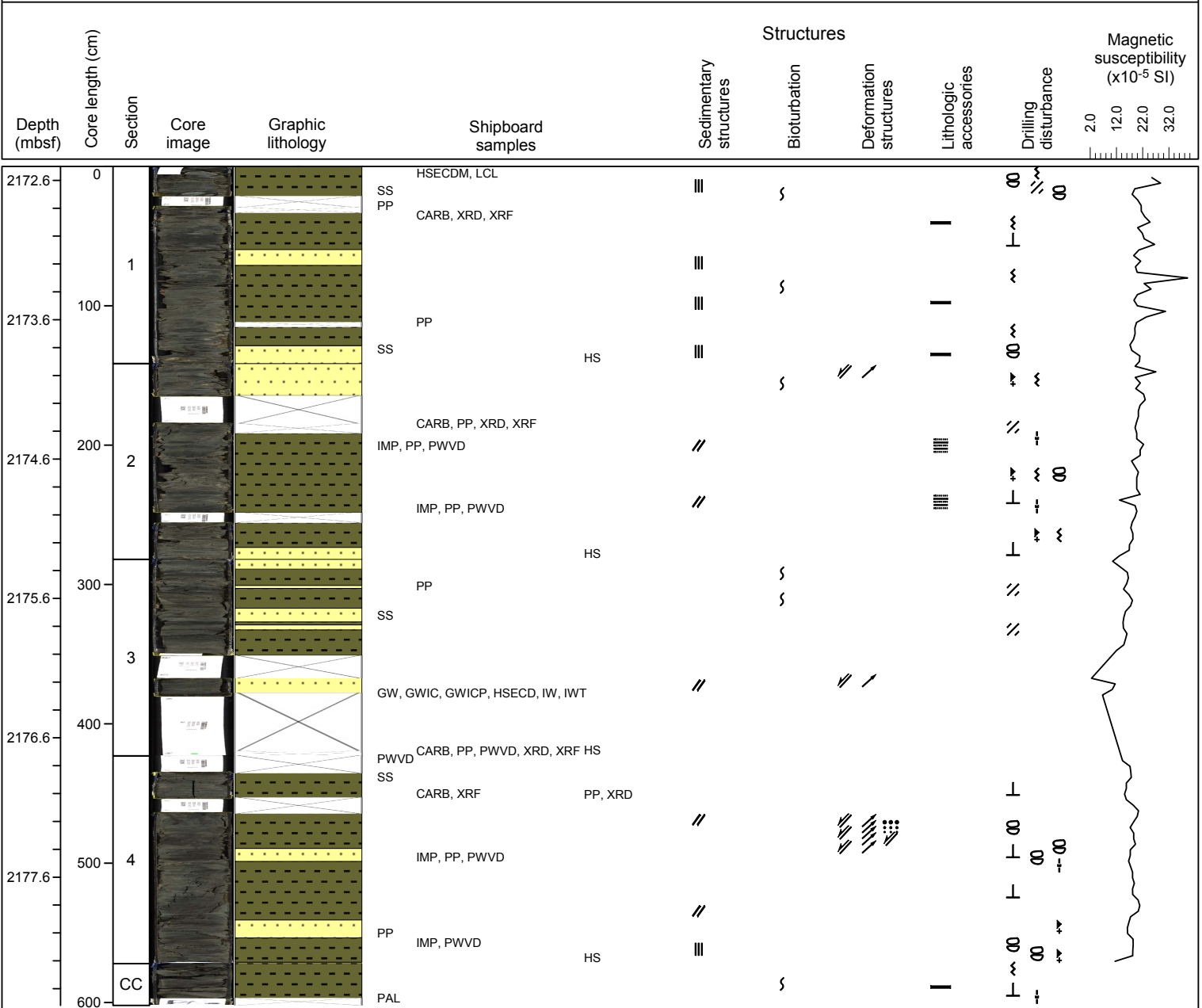
Depth (mbsf)	Core length (cm)	Section	Core image	Graphic lithology	Shipboard samples	Structures					Magnetic susceptibility (x10 <sup>-5</sup> SI)			
						Sedimentary structures	Bioturbation	Deformation structures	Lithologic accessories	Drilling disturbance	18.0	28.0	38.0	48.0

2163.2	0	1			PP SS PAL, SS	CARB, XRD, XRF	HS, SS	HSECDM, LCL	//	/ /		oo xxx oo	~	
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Hole C0002P Core 2R, interval 2172.5-2178.52 m (core depth below seafloor)

SILTY CLAYSTONE AND SANDSTONE

Major lithology : high-angle to vertical beds of greenish gray silty claystone, with organic rich bands (black colored banding).  
 Minor lithology : greenish grey sandstone, fine grained.

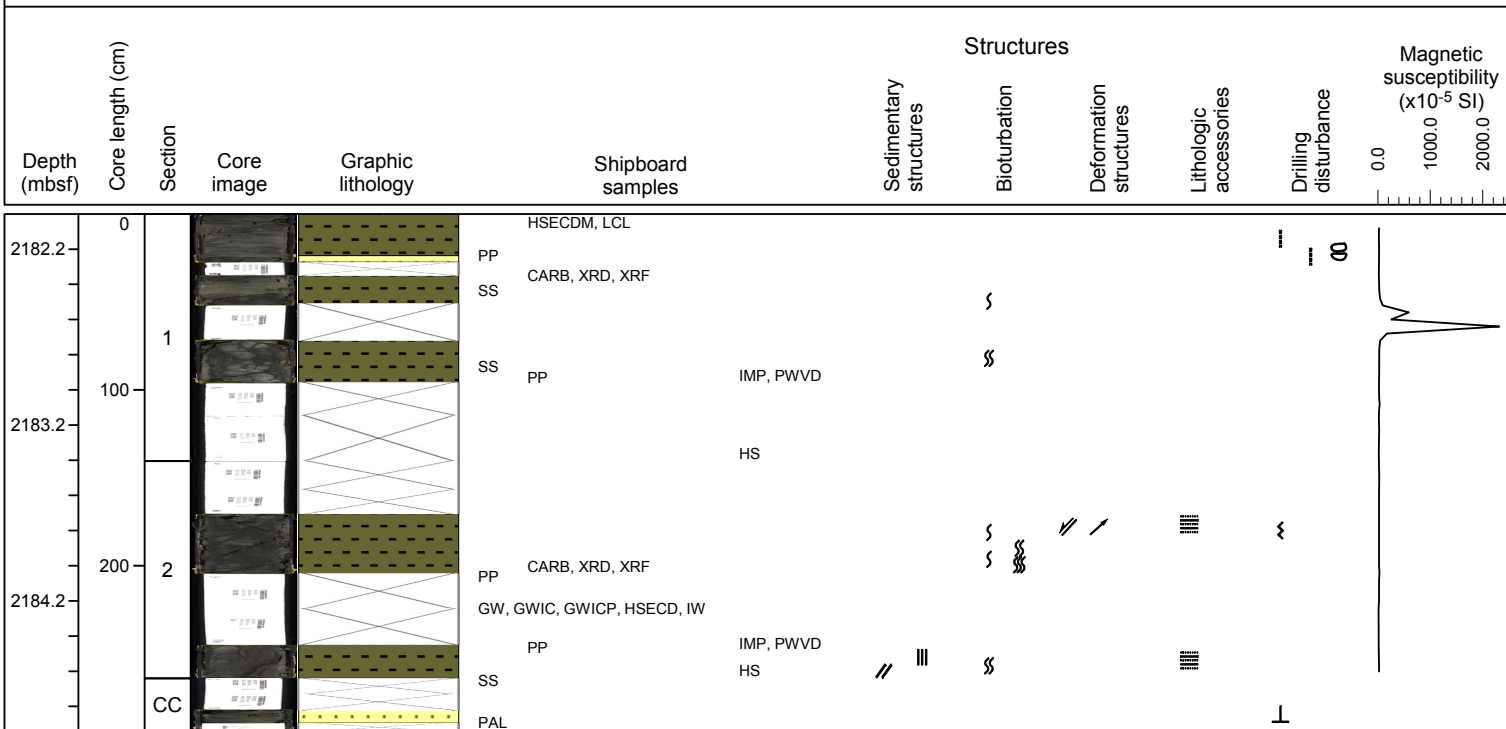


Hole C0002P Core 3R, interval 2182-2184.945 m (core depth below seafloor)

SILTY CLAYSTONE AND SANDSTONE

Major lithology : high-angle to vertical beds of greenish gray silty claystone, with organic rich bands (black colored banding).

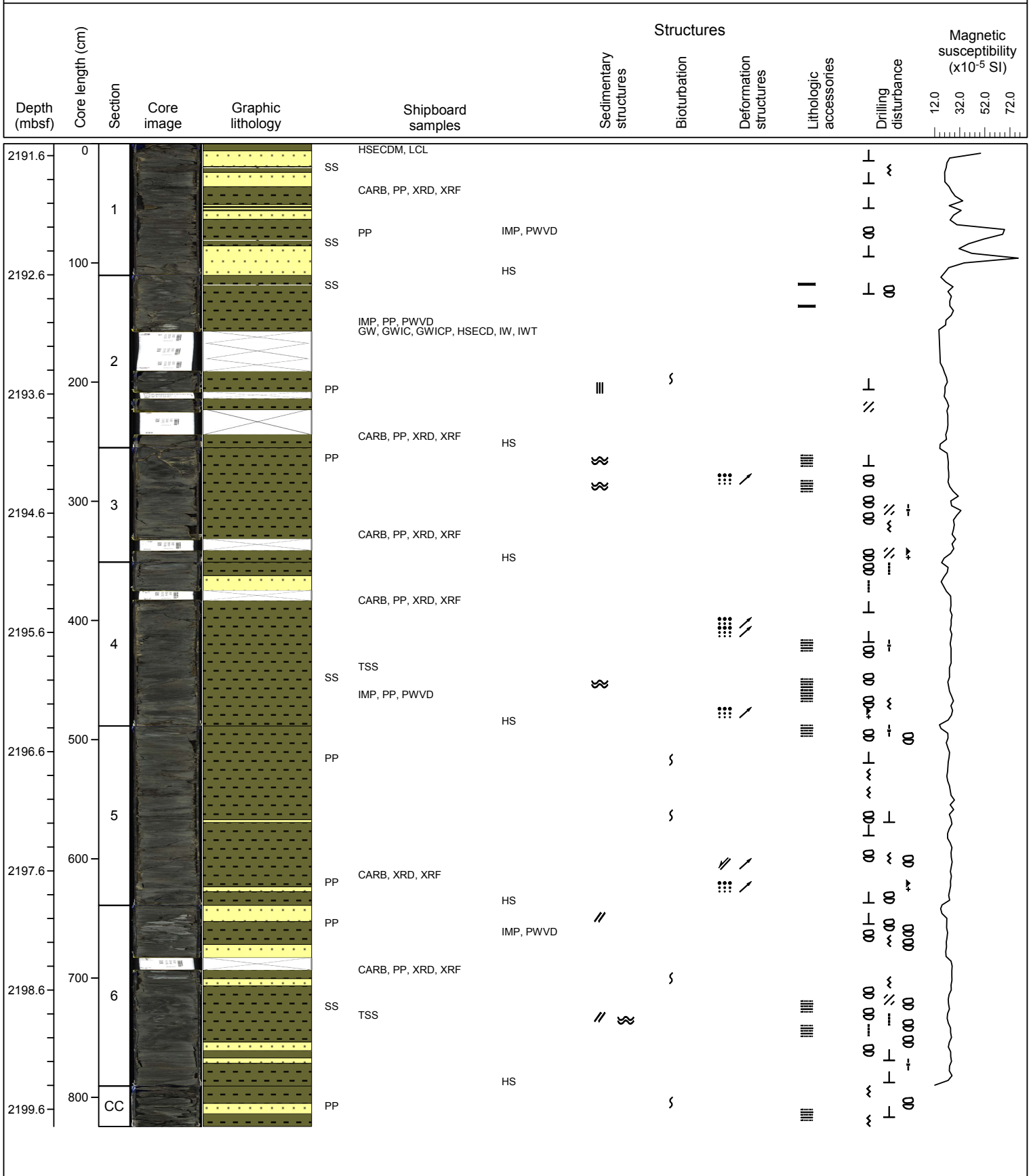
Minor lithology : greenish grey sandstone, fine grained.



Hole C0002P Core 4R, interval 2191.5-2199.745 m (core depth below seafloor)

SILTY CLAYSTONE AND SANDSTONE

Major lithology : high-angle to vertical beds of greenish gray silty claystone, with organic rich bands (black colored banding).  
 Minor lithology : greenish grey sandstone, fine grained.



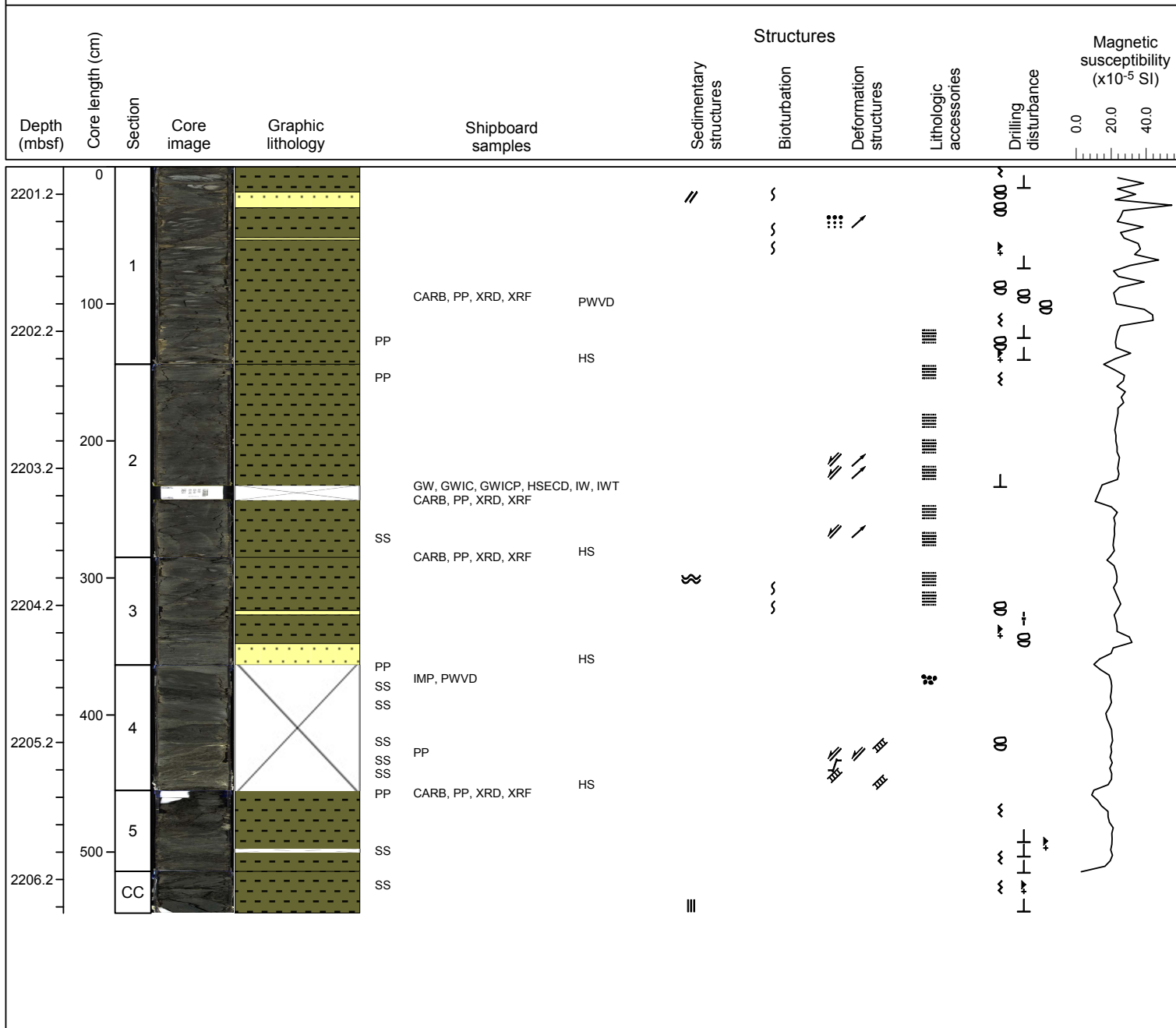


Hole C0002P Core 5R, interval 2201-2206.445 m (core depth below seafloor)

SILTY CLAYSTONE AND SANDSTONE

Major lithology : high-angle to vertical beds of greenish gray silty claystone, with organic rich bands (black colored banding).

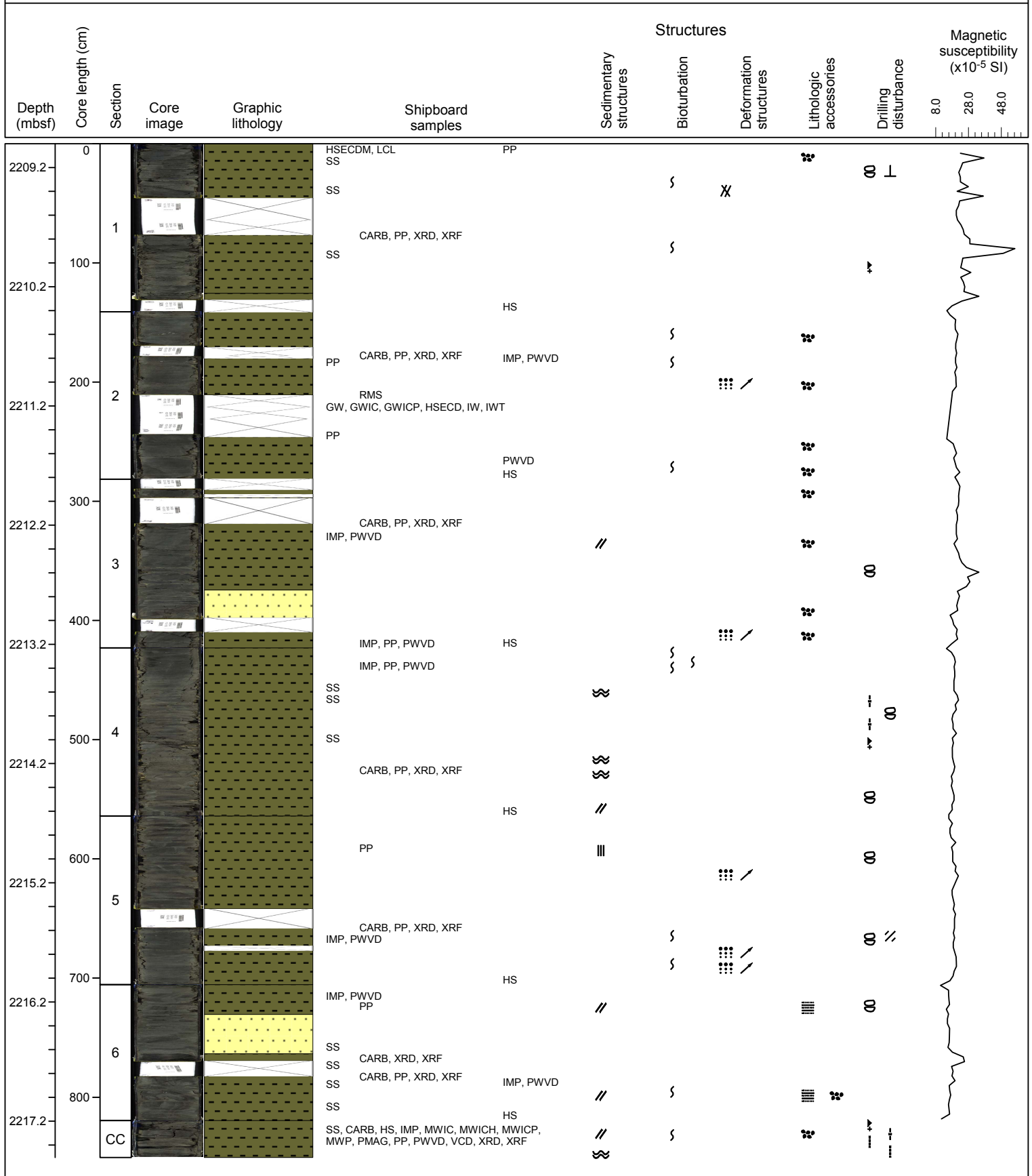
Minor lithology : greenish grey sandstone, fine grained.



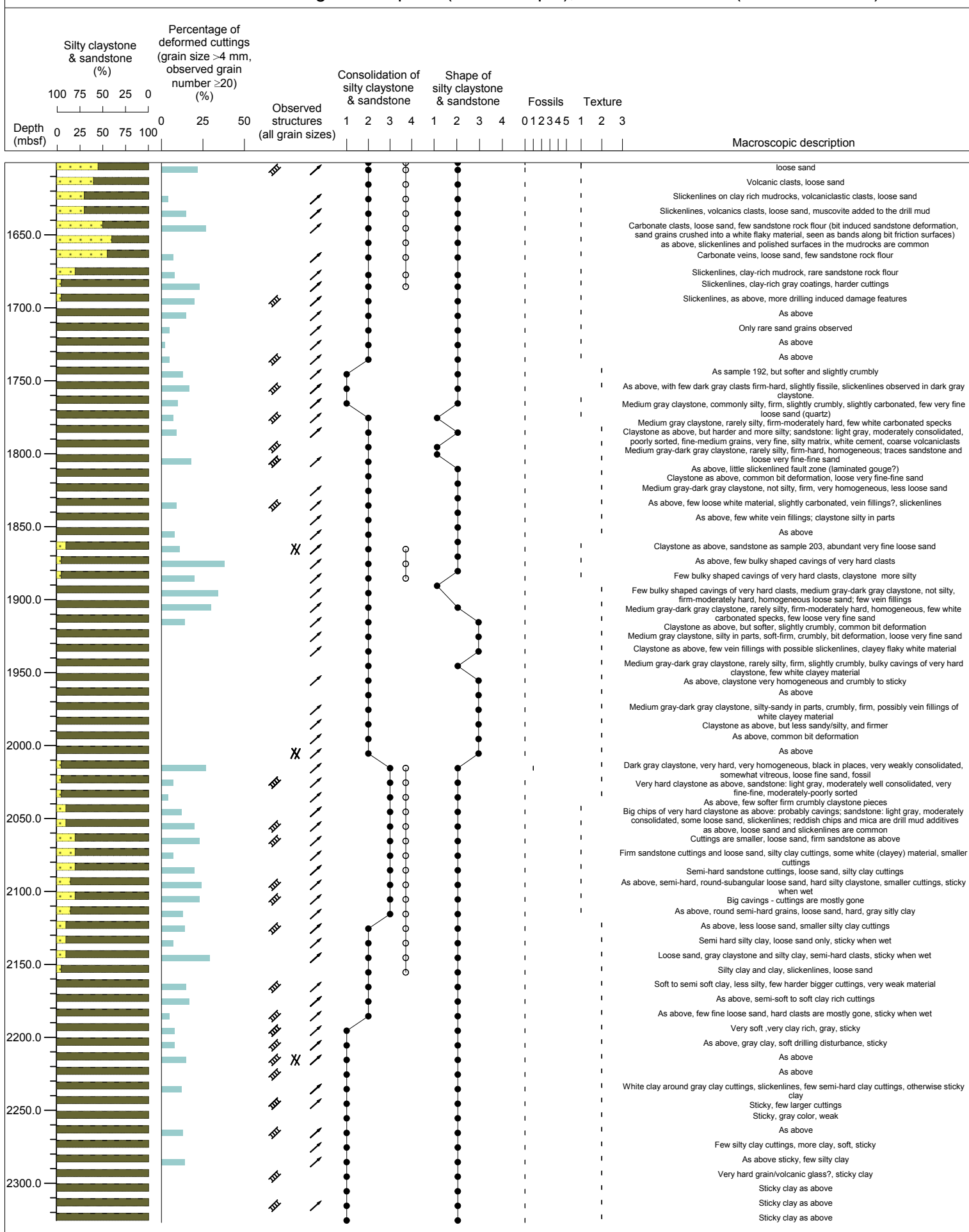
Hole C0002P Core 6R, interval 2209-2217.505 m (core depth below seafloor)

SILTY CLAYSTONE, SANDSTONE and CLAYSTONE

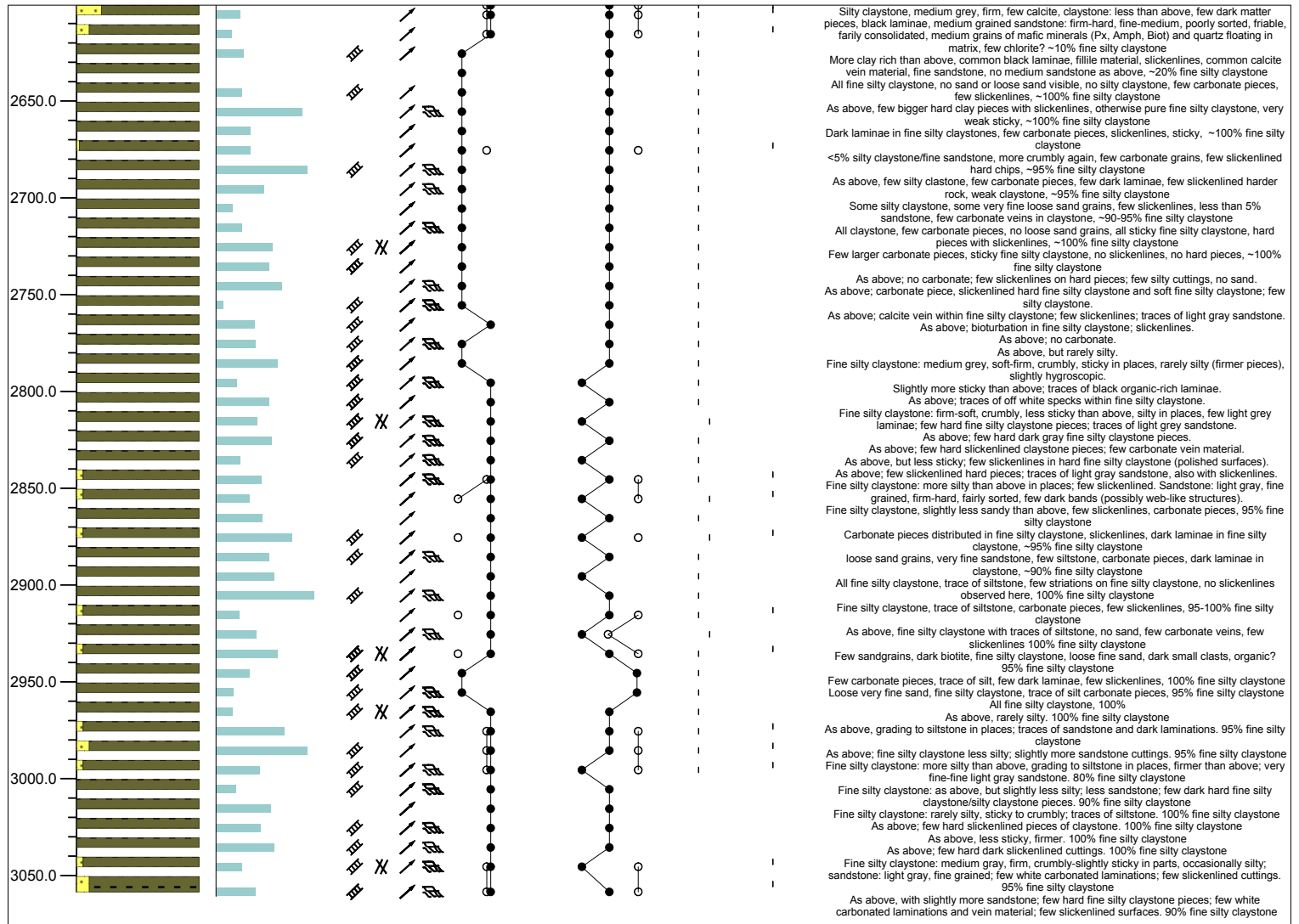
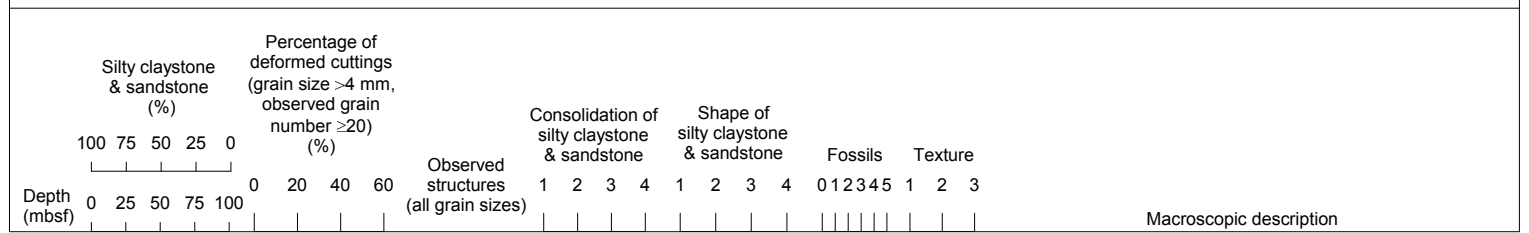
Major lithology : high-angle to vertical beds of greenish gray silty claystone, with organic rich bands (black colored banding) and mottled textures.  
 Minor lithology : very fine greenish grey sandstone, and fine silty claystone.



### 348-C0002N Visual Cuttings Description (Macroscopic), 1600.5-2325.5 m (below sea floor)



### 348-C0002P Visual Cuttings Description (Macroscopic), 2600.5-3058.5 m (below sea floor)



Hole-Core-Section	Int. (cm)	Depth (m CSF-A)	Lithology	Texture			Siliclastic grain										Lithic grains or ash					Pelagic grains					Other			Cement contamination (%)	Comments
				Sand	Silt	Clay	Quartz	Feldspar	Mica group	Ferromagnesian min.	Opaque min.	Glauconite	Clay min.	Zeolite	Heavy min.	Calcite/Carb. min.	Sed. lithic	Ign. lithic	Meta. lithic	Volcanic lithic	Vol. glass	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge spicules	Clay mins.	Organic matter		
C0002M-1R-1	9.0	475.09	Silty clay	3	20	77	F	F	F					A		F	F	F							F		C	R			
C0002M-1R-1	86.0	475.86	Silty clay	15	20	65	C	F	F					A		F	R	C							F		F	R			
C0002M-1R-2	6.0	476.47	Silty clay	10	20	70	F	F	F					A		F	C	C							F		F	R			
C0002M-1R-2	16.0	476.57	Clay	3	10	82	F	F	R					A		R	R	F							R		F	C			
C0002M-1R-2	117.0	477.58	Clay	1	5	94	F	F	F					D		F	R	F							R		F	C			
C0002M-1R-3	8.0	477.91	Clay	0	15	85	C	F	F					A		F	F	C									F	F			
C0002M-1R-3	64.0	478.47	Silty clay	5	24	71	C	F	F					A		F	F	C							F		F	F			
C0002M-1R-4	7.0	479.31	Clay	2	10	88	C	R	F					A		F	F	C							F		F	F			
C0002M-1R-CC	6.0	480.12	Clay	3	12	85	F	R	F					A		F	F	C							R		F	F			
C0002M-2R-1	6.0	484.56	Clay	4	14	82	C	R	F					A		F	R	C									F	F			
C0002M-2R-1	54.0	485.04	Silty clay	8	33	59	A	F	C					F		C	R	C							C	F	F		F	R	
C0002M-2R-2	7.0	485.98	Silty clay	2	16	72	C	F	F					A		C	R	A							F		F	F			
C0002M-2R-2	41.0	486.32	Silty clay	7	30	63	C	F	C					A		C	F	C									F	C			
C0002M-2R-3	8.0	487.4	Silty clay	0	30	70	C	F	F					C		F	F	C							F		F	F			
C0002M-2R-CC	8.0	488.305	Silty clay	0	25	75	C	F	F					A		F	F	C									F	F			
C0002M-3R-1	52.0	494.02	Silty clay	7	30	63	C	F	C					R		C	F	R	C						F		F	F			
C0002M-3R-1	84.0	494.34	Silty clay	4	20	76	C	F	F					C		F	F	A							F		C	F			
C0002M-3R-1	130.0	494.8	Silty clay	3	32	65	C	F	C					A		F	R	A									F	F			
C0002M-3R-1	138.0	494.88	Silty clay	0	25	75	C	F	C					C		F	F	A									F	F			
C0002M-3R-2	15.0	495.055	Clay	5	15	80	C	F	C					C		C	F	A									F	R			
C0002M-3R-2	85.0	495.755	Silty clay	0	26	74	C	F	F					R		A	F	R	A							F	C	R	F		
C0002M-3R-CC	8.0	495.885	Silty clay	0	30	70	C	F	C					A		F	R	A									F	F			
C0002M-3R-CC	20.0	496.005	Clay	0	20	80	C	F	F					A		F	R	A									R	F			
C0002M-4R-3	67.0	506.49	Clay	0	23	77	C	F	F					A		F	R	C							R		F	F			
C0002M-4R-3	86.0	506.68	Silty clay	3	20	77	F	R	F					A		F	R	C									F	A			

D: dominant (>50%), A: abundant (>20-50%), C: common (>5-20%), F: few (>1-5%), R: rare (>0.1-1%)

Hole-Core-Section	Int. (cm)	Depth (m CSF-A)	Lithology	Texture			Siliclastic grain							Lithic grains or ash					Pelagic grains					Other			Cement contamination (%)	Comments								
				Sand	Silt	Clay	Quartz	Feldspar	Mica group	Ferromagnesian min.	Opaque min.	Glauconite	Clay min.	Zeolite	Heavy min.	Calcite/Carb. min.	Sed. lithic	Ign. lithic	Meta. lithic	Volcanic lithic	Vol. glass	Nannofossils	Foraminifers	Diatoms	Radolarians	Silicoflagellates			Sponge spicules	Clay mins.	Organic matter	Pyrite				
C0002P-1R-1	10.5	2165.11	Sandy silt	60	28	12	A	F	F					C																			Zr, Chl, and Amphibole			
C0002P-1R-1	12.0	2163.12	Organic rich sandy silt	40	48	12	A	F	F					C																						
C0002P-1R-CC	20.0	2163.36	Sandy silt	49	36	15	D	F	F					C																				Bt		
C0002P-2R-1	17.5	2172.68	Sandy silt web like structure	50	35	15	A	F	F					F																				Bt and Green clay		
C0002P-2R-1	135.0	2173.85	Organic rich clayey silt	17	45	38	C	F	F					C																				Chl, Bt, and Amphibole		
C0002P-2R-3	40.0	2175.72	Clayey silt web like structure	20	45	35	A	F	F					C																				Bt, Amphibole, and Tourmaline		
C0002P-2R-4	15.0	2176.88	Organic rich sandy silt	50	32	18	A	F	F					C																						
C0002P-3R-1	42.0	2182.42	Sandy clay	40	30	30	C	F						A																						
C0002P-3R-1	91.0	2182.91	Silty clay	13	16	71	C	F	F					A																						
C0002P-3R-2	120.0	2184.61	Sandstone	35	49	16	A	F	F					C																						
C0002P-3R-2	120.0	2184.61	Fine silty claystone	19	21	60	C	F	F					A																						
C0002P-4R-1	20.0	2191.70	Silty clay	4	13	83	C	F						A																						
C0002P-4R-1	81.0	2192.31	Silty clay	4	28	68	C	F	F					C																						
C0002P-4R-2	8.0	2192.69	Organic rich silty clay	8	56	36	C	F	F					C																						
C0002P-4R-4	96.0	2195.97	Silty clay	4	20	76	C	F	F					A																						
C0002P-4R-6	87.0	2198.76	Sandstone	25	60	15	A	F	F					C																					Zr, Amphibole, and olivine	
C0002P-5R-2	127.0	2203.71	Sandy silt	15	75	10	A	F	F					F																					Hyperstene and Chl	
C0002P-5R-4	11.0	2204.75	Mudstone	12	21	67	F	R	F					F																					Bt, Chl, and Amphibole	
C0002P-5R-4	29.0	2204.93	Sandstone	65	21	14	A	F						F																					Amphibole and Tourmaline	
C0002P-5R-4	58.0	2205.22	Calcite vein	37	45	18	F							D																						
C0002P-5R-4	65.0	2205.29	Mudstone	5	40	55	R	F						A																					Zr, Amphibole, and Tourmaline	
C0002P-5R-4	65.0	2205.29	Clayey sand	45	25	30	F							F																					Amphibole	
C0002P-5R-4	76.0	2205.40	Sandy crast	50	30	20	C	F						F																					Olivine, Zr, and amphibole	
C0002P-5R-5	44.0	2205.99	Silty claystone	10	50	40	F	F	F					A																					Zr, Chl, and Corundum	
C0002P-6R-1	12.0	2209.12	Silty claystone	5	34	61	C		F					A																					Tourmaline	
C0002P-6R-1	39.0	2209.39	Sandstone	18	35	47	A	F	F					C																						
C0002P-6R-1	93.0	2209.93	Claystone	20	30	50	C	R						C																					Tourmaline	
C0002P-6R-4	35.0	2213.58	Claystone	7	26	64	C	F	F					A																						
C0002P-6R-4	42.0	2213.65	Silty claystone	15	50	35	C	F	C					C																						Amphibole, and muscovite
C0002P-6R-4	76.0	2213.99	Claystone	15	39	46	C	F	F					C																						
C0002P-6R-6	53.0	2216.59	Sandstone	66	26	8	C	F	F					C																						
C0002P-6R-6	64.0	2216.70	Silty claystone	6	29	65	C	F						C																						
C0002P-6R-6	80.0	2216.86	Sandy silt	60	28	12	A	F	F					F																						
C0002P-6R-6	80.0	2216.86	Silty clay	14	56	30	C	F	F					C																						
C0002P-6R-6	80.0	2216.86	Organic rich sandy silt	46	40	16	C	F	F					C																						
C0002P-6R-CC	10.0	2217.30	Silty claystone	5	28	67	C	R	F					A																						

D: dominant (>50%), A: abundant (>20-50%), C: common (>5-20%), F: few (>1-5%), R: rare (>0.1-1%)

Hole-Miscellaneous material no.	Depth (m CSF-A)	Lithology	Siliclastic grain										Lithic grains or ash					Pelagic grains					Other			Comments	
			Quartz	Feldspar	Mica Group	Ferromagnesian min.	Opaque min.	Glauconite	Clay min.	Zeolite	Heavy min.	Calcite/Carb. min.	Sed. lithic	Ign. lithic	Meta. lithic	Volcanic lithic	Vol. glass	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge spicules	Clay mins.	Organic matter		Pyrite
C0002N-3-SMW	875.5	Silty clay	A	C	F			R	D						C	F								F	F	10-20	
C0002N-5-SMW	885.5	Silty clay	F	F	F			R	D		F	C	F		A	C								C	F	20-40	
C0002N-7-SMW	895.5	Silty clay	F	R				R	A		F	C	C		A	F						F		F	F	20-30	
C0002N-9-SMW	905.5	Silty clay	F	R	F				A		F	C	C			C	F	R					F	R	F	10-20	
C0002N-12-SMW	915.5	Clay	F	F	F			R	C		F	F	C		R	C	F	F	F	F	F	C		F	F	10	
C0002N-14-SMW	925.5	Silty clay	F	F	F						F	F	C		F	F	F	F	F	F		F		R	F	3-5	
C0002N-16-SMW	935.5	Clay	F	F	F					C		F		C	C	F	C					C		R	F	5-10	
C0002N-18-SMW	945.5	Clay	F	R	F			R	C		F	F	C		A	C	F	C	F		C		F	C	C	5-10	
C0002N-20-SMW	955.5	Clay	F	R	F			R	C		F	C	F		F	C	F	F	F		C		C	C	C	3-5	
C0002N-22-SMW	965.5	Silty clay	C	F	F				A		R		F		C	C		R				R		C	C	3-5	
C0002N-24-SMW	975.5	Silty clay	F	F	F				A				C		F	C						F		C	C	1-3	
C0002N-26-SMW	985.5	Clay	C	R	R				D		R		C		F	C							F	F			
C0002N-28-SMW	995.5	Clay	C	F	F				D				C		C	C						R		F	F		
C0002N-30-SMW	1005.5	Clay	C	R	R				A				C		F	C		R				R		F	C		
C0002N-32-SMW	1015.5	Silty clay	C	F	F				D		R		C		C	F						R		R	C		Bt.
C0002N-34-SMW	1025.5	Silty clay	C	F	R				D				C		R	F	F					R		F	C		Bt.
C0002N-36-SMW	1035.5	Silty clay	C	F	F				A		R		C		F	C						R		F	C		
C0002N-39-SMW	1045.5	Clay	C	F	R				D		R		C		F	C		R					F	C			
C0002N-40-SMW	1052.5	Silty clay	C	F	R				D		R		C		F	F							R	F			
C0002N-41-SMW	1067.5	Silty clay	C	F	R				D				C		F	F		R					F	C			
C0002N-42-SMW	1069.5	Clay	C	F	R				A		R		C		C	C		R					C	C			
C0002N-43-SMW	1070.5	Clay	C	F	R				A		R		C		F	C							F	C			
C0002N-44-SMW	1075.5	Clay	C	F	F				A		R		C		F	F		R					F	C			
C0002N-46-SMW	1085.5	Clay	C	F	F				A		R		C		C	F						R		F	C		
C0002N-48-SMW	1095.5	Clay	C	F	R				D		R		C		C	F		R					R	C			
C0002N-50-SMW	1105.5	Clay	C	F	R				A		R		C		C	F		R				R		C			Pyroxene and Muscovite.
C0002N-52-SMW	1115.5	Clay	C	F	R				D		R		C		F	F		R				R		F	C		
C0002N-54-SMW	1125.5	Clay	C	F	R				A		R		C		C	F		R					R	C			
C0002N-57-SMW	1135.5	Clay	C	F	R				A		R		C		F	C		R						C			
C0002N-59-SMW	1145.5	Clay	C	F	R				A				C		F	C		R				R		R	C		Chl and Bt.
C0002N-61-SMW	1155.5	Silty clay	C	F	R				D		R		C		F	F		R						C			Pyroxene.
C0002N-63-SMW	1165.5	Clay	F	F	R				D		R		C		F	F		R					R	C			
C0002N-65-SMW	1175.5	Clay	F	R	R				D				F		F	F							R	C			
C0002N-67-SMW	1185.5	Clay	C	F	R				D				C		C	R								F			
C0002N-69-SMW	1195.5	Clay	F	F	R				D		R		F		C	F								R	C		
C0002N-71-SMW	1205.5	Clay	C	F	R				A		R	C	C		F	A								R	C		
C0002N-73-SMW	1215.5	Clay	C	F	R				D				C		F	R								F			
C0002N-81-SMW	1225.5	Clay	C	F	R				D		R	C	F		F	F		R					R	F			Bt and Muscovite
C0002N-83-SMW	1235.5	Silty clay	C	F	R				A		R	C	F		C	F							R	C			Chl
C0002N-85-SMW	1245.5	Silty clay	C	F	R				D				C	F		C								R	C		Bt and Chl.
C0002N-87-SMW	1255.5	Clay	C	F	R				A		R	C	C		C	F		R				R		R	C		Chl and Pyroxene.
C0002N-89-SMW	1265.5	Clay	C	F	R				D		R	C	C		F	F							R	C			
C0002N-91-SMW	1275.5	Clay	C	F	R				D				C	C	F	F							R	F			Chl.

Hole-Miscellaneous material no.	Depth (m CSF-A)	Lithology	Siliclastic grain										Lithic grains or ash					Pelagic grains					Other			Comments		
			Quartz	Feldspar	Mica Group	Ferromagnesian min.	Opaque min.	Glauconite	Clay min.	Zeolite	Heavy min.	Calcite/Carb. min.	Sed. lithic	Ign. lithic	Meta. lithic	Volcanic lithic	Vol. glass	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge spicules	Clay mins.	Organic matter		Pyrite	Cement contamination (%)
C0002N-93-SMW	1285.5	Clay	C	F	A				A		R	C	C												R	C		Chl.
C0002N-95-SMW	1295.5	Clay	C	F	F				A			C	C			F	F								C	C		Bt and Chl.
C0002N-97-SMW	1305.5	Clay	C	F	R			R	D		R	F	F			F								F	C		Bt.	
C0002N-99-SMW	1315.5	Clay	C	F	R				D			F	C			F		F				R		R	C		Bt and Chl.	
C0002N-101-SMW	1325.5	Clay	C	F	R			R	A		R		C			R	F					F		R	F		Chl, Bt and Pyroxene.	
C0002N-105-SMW	1335.5	Clay	C	F	R				D		R	F	C			F	R					R		R	F		Chl, Bt and Pyroxene.	
C0002N-107-SMW	1345.5	Clay	C	F	R				D		R		C			R								R	F			
C0002N-109-SMW	1355.5	Clay	C	F	R				D		R		C			F	F					R		R	C		Bt, Amphibole, Muscovite and Chl.	
C0002N-111-SMW	1365.5	Clay	C	F	R				D		R		C			F	R					R		R	F		Bt, Amphibole and pyroxene.	
C0002N-113-SMW	1375.5	Clay	C	F				R	D		R		C			F						R		R	F		Muscovite and Bt.	
C0002N-115-SMW	1385.5	Clay	C	F	R				D		R		C			F		R						R	C		Pyroxene and Bt.	
C0002N-117-SMW	1395.5	Silty clay	A	F	R			R	A		R		F			C								R	C		Chl, Bt and Pyroxene.	
C0002N-119-SMW	1405.5	Clay	C	F	R			R	D		R		C			F								F			Chl and Amphibole.	
C0002N-121-SMW	1415.5	Silty clay	C	F	R				R	D			C			F									C		Chl.	
C0002N-123-SMW	1425.5	Clay	C	F	R				D		R					R		R						R	C		Chl, Pyroxene, Amphibole, Bt and Muscovite.	
C0002N-125-SMW	1435.5	Clay	C	F	R				D				C			F	F								C		Chl and Bt.	
C0002N-128-SMW	1445.5	Clay	C	F	R			R	D				C			F		R						F			Chl.	
C0002N-130-SMW	1455.5	Clay	C	F	R				D		R		C			F		R						F			Amphibole, Bt and Chl.	
C0002N-132-SMW	1465.5	Clay	C	F	R				D				C			F								R			Chl.	
C0002N-134-SMW	1475.5	Clay	C	F				R	D		R		C			R	R							R	C		Amphibole and Bt.	
C0002N-136-SMW	1485.5	Clay	C	F	R				D		R		C			F								R	C		Chl and Amphibole.	
C0002N-138-SMW	1495.5	Clay	C	F	R				D		R		F			F								C	C		Chl, Amphibole and Bt.	
C0002N-140-SMW	1505.5	Silty clay	C	F	R				D		R		C			F								R	F		Chl.	
C0002N-142-SMW	1515.5	Clay	C	F	R				D		R		C			F								F	C		Chl and Amphibole.	
C0002N-146-SMW	1525.5	Clay	C	F	R				D				C			F								F	C		Pyr(framboids);P. Pyr(euhedral);P. Chl.	
C0002N-148-SMW	1535.5	Clay	C	F					D		R		C			F	R		R					F	C		Amphibole.	
C0002N-150-SMW	1545.5	Clay	C	F	R			R	D		R		C			R								F	C		Amphibole, Bt and Chl.	
C0002N-152-SMW	1555.5	Silty clay	C	F	R				D		R		C			F	F		R						C		Amphibole, Chl and Pyroxene.	
C0002N-154-SMW	1565.5	Clay	C	F	R			R	D		R	R	C			F		R						F	C		Chl, Pyroxene and Bt.	
C0002N-156-SMW	1575.5	Clay	C	C	R				D				C			C									C		Bt.	
C0002N-158-SMW	1585.5	Clay	C	F	R				D				C			F								R	C		Chl and Muscovite.	
C0002N-160-SMW	1595.5	Clay	C	C	R				D				C			F	F							R	F		Chl.	
C0002N-162-SMW	1605.5	Silty clay	C	F	R			R	D		R	R	F			R								R	C		Amphibole and Chl.	
C0002N-164-SMW	1615.5	Silty clay	C	F	R				A		R	R	C			F								R	C		Amphibole and Chl.	
C0002N-166-SMW	1625.5	Clay	C	F	R				D		R		C			F								R	C		Amphibole and Chl.	
C0002N-169-SMW	1635.5	Clay	C	F				R	D		R		C			F			R					R	C		Pyroxene and Amphibole.	
C0002N-171-SMW	1645.5	Clay	C	F	R				R	D		R		C			F							R	C		Amphibole, Bt and Pyroxene.	
C0002N-173-SMW	1655.5	Clay	C	F	R				D		R	R	C			F								R	F		Bt, Amphibole and Hyperthene.	
C0002N-175-SMW	1665.5	Clay	C	F	R			R	D		R	R	C			F	F								C		Bt and Amphibole.	
C0002N-177-SMW	1677.5	Clay	C	F	R				D		R	R	C			F	R								C		Amphibole and Chl.	
C0002N-182-SMW	1685.5	Clay	C	F	R			R	D		R	R	F			F								R	F		Chl, Amphibole, Bt and Hyperthene.	
C0002N-184-SMW	1695.5	Clay	C	F	R				D		R		C				R								F		Chl, Amphibole and Bt.	
C0002N-186-SMW	1705.5	Clay	C	F	R			R	D		R	R	C			F								F			Chl, Amphibole and Tourmalite.	



Hole-Miscellaneous material no.	Depth (m CSF-A)	Lithology	Siliclastic grain											Lithic grains or ash					Pelagic grains					Other			Comments
			Quartz	Feldspar	Mica Group	Ferromagnesian min.	Opaque min.	Glauconite	Clay min.	Zeolite	Heavy min.	Calcite/Carb. min.	Sed. lithic	Ign. lithic	Meta. lithic	Volcanic lithic	Vol. glass	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge spicules	Clay mins.	Organic matter	Pyrite	
C0002N-188-SMW	1715.5	Clay	C	F	R				D		R	R	F											R	F		Hypersthene, Amphibole, Bt, Chl and Pyroxene.
C0002N-190-SMW	1725.5	Clay	C	F	R			R	D				C						R						F		Chl and Bt.
C0002N-192-SMW	1735.5	Clay	C	F	R			R	D		F	F	C					F							C		Amphibole, Chl and Bt.
C0002N-195-SMW	1745.5	Clay	C	F	R			R	D		R	R	C					F							F		Amphibole and Chl.
C0002N-197-SMW	1755.5	Clay	C	F	R			R	D		R	F	F					F	F		R				F		Amphibole and Chl.
C0002N-199-SMW	1765.5	Clay	C	F	R				D		R	F	C					R	R		R				F		Amphibole, Bt and Chl.
C0002N-201-SMW	1775.5	Clay	C	F	R				D		R	F	C					F	R		R				F		Bt, Chl, Amphibole and Hypersthene
C0002N-203-SMW	1785.5	Clay	C	F	F				D		F		C					F			R			R	F		Chl, Amphibole and Pyroxene.
C0002N-205-SMW	1795.5	Clay	C	F	F				D		F	F	C					F			R				F		Chl, Amphibole and Bt.
C0002N-207-SMW	1805.5	Clay	C	F	R			R	D		R	F	C					F						R	F		Chl, Amphibole and Bt.
C0002N-209-SMW	1815.5	Clay	F	R	R			R	D		R	F	C					F	R		R				F		Chl, Amphibole and Hypersthene.
C0002N-211-SMW	1825.5	Clay	C	F	R				D		F	R	C					F	R						F	F	Amphibole, Chl and Hypersthene.
C0002N-213-SMW	1835.5	Clay	C	F	R			R	D		F		C					R		R				R	F		Chl, Bt, Hypersthene and Amphibole
C0002N-216-SMW	1845.5	Clay	C	F	F				D		R	R	C					F	R					R	F		Bt, Amphibole and Chl.
C0002N-218-SMW	1855.5	Clay	C	F	R				D		R	R	C					R						R	F		Hypersthene, Bt and Chl.
C0002N-220-SMW	1865.5	Clay	C	F	F				D		R	R	C					R							F		Chl and Amphibole.
C0002N-222-SMW	1875.5	Clay	C	F	R			R	D			R	C					F						R			Chl and Amphibole.
C0002N-224-SMW	1885.5	Clay	C	F	R			R	D		R		C								R				F		Chl and Amphibole.
C0002N-226-SMW	1895.5	Clay	C	F	R				D			R	F					F						R	C		Bt and Chl.
C0002N-228-SMW	1905.5	Clay	F	R					D		R		C											R	F		Amphibole
C0002N-230-SMW	1915.5	Clay	C	F	R				D			R	C												F		Chl
C0002N-232-SMW	1925.5	Clay	C	F	R				D		R	R	C								R				F		Chl and Amphibole.
C0002N-234-SMW	1935.5	Clay	F	F	R			R	D			R	C					R		F					F		Chl and Muscovite.
C0002N-237-SMW	1945.5	Clay	C	R	R				D		R	F	C											R	F		Bt.
C0002N-239-SMW	1955.5	Clay	C	R	F				D				C					R		F					F		Chl and Bt.
C0002N-241-SMW	1965.5	Clay	C	F	R				D			R	C					R							F		Chl.
C0002N-243-SMW	1975.5	Clay	F	R	R				D		R	R						F			R				F		Chl and Amphibole.
C0002N-248-SMW	1985.5	Clay	C	F	R				D			R	C												F		Muscovite
C0002N-250-SMW	1995.5	Clay	F	R	R			R	D			R	F					F							C		Bt.
C0002N-252-SMW	2005.5	Clay	C	F	R				D			R	C												C		Chl
C0002N-259-SMW	2015.5	Clay	F	F	R				D		R		C					R	F		R				F		Amphibole and Apatite (?)
C0002N-261-SMW	2025.5	Clay	F	R	R				D		R		C					R	F		R			R	F		Chl and Amphibole.
C0002N-264-SMW	2035.5	Clay	C	F	R			R	D			R	C												F		Chl
C0002N-266-SMW	2045.5	Clay	C	F	R			R	D			R	C					F							C		Chl
C0002N-268-SMW	2055.5	Clay	F	R				R	D		R	F	C					F							F		Amphibole
C0002N-270-SMW	2065.5	Clay	F	R	R				D			F	C					F							C		Bt and Chl.
C0002N-272-SMW	2075.5	Clay	C	R	R				D		R		C					F						R	F		Bt, Amphibole and Chl.
C0002N-274-SMW	2085.5	Clay	C	F	R				D		R	R	C					R						R	F		Chl and Amphibole.
C0002N-276-SMW	2095.5	Clay	C	F	R			R	D				C					R							F		Bt and Chl.
C0002N-278-SMW	2105.5	Clay	F	F	F				D		F		C					F			R			R	F		Bt, Amphibole and Chl.
C0002N-281-SMW	2115.5	Silty clay	C	F	F			R	D		F	F	C					F							C		Bt, Amphibole and Chl.
C0002N-283-SMW	2125.5	Clay	C	F	F				D		F		C					F						R	F		Chl, Bt, Hypersthene and Amphibole
C0002N-285-SMW	2135.5	Clay	C	F	F				D		F		C												F		Chl and Amphibole.

Hole-Miscellaneous material no.	Depth (m CSF-A)	Lithology	Siliclastic grain										Lithic grains or ash					Pelagic grains					Other			Comments	
			Quartz	Feldspar	Mica Group	Ferromagnesian min.	Opaque min.	Glauconite	Clay min.	Zeolite	Heavy min.	Calcite/Carb. min.	Sed. lithic	Ign. lithic	Meta. lithic	Volcanic lithic	Vol. glass	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge spicules	Clay mins.	Organic matter		Pyrite
C0002N-287-SMW	2145.5	Clay	C	R	F				D		F	R	F											R	F		Chl and Amphibole.
C0002N-289-SMW	2155.5	Clay	C	F	F				D		F	C		R										R	F		Chl, Bt, Hypersthene and Amphibole
C0002N-291-SMW	2165.5	Clay	C	F	F			R	A		F	F	C		F									C	C		Bt, Amphibole and Chl.
C0002N-296-SMW	2175.5	Clay	C	F				R	D			F	C											F	F		Bt, Amphibole and Chl.
C0002N-298-SMW	2185.5	Silty clay	C		F			R	D		F	F	C											F	F		Chl and Amphibole.
C0002N-300-SMW	2195.5	Clay	C	F	F				D		F	F	C		F									F	F		Bt
C0002N-302-SMW	2205.5	Clay	F	R	F				D		F	R	C											F	F		Hypersthene and Chl.
C0002N-304-SMW	2215.5	Clay	F	R	F				D			F	F											R	F		Bt and Chl.
C0002N-306-SMW	2225.5	Clay	C	R					D		R	R	F			R									F		
C0002N-308-SMW	2235.5	Clay	C	F	R				D				C												F		Bt and Chl.
C0002N-310-SMW	2245.5	Clay	C	F	F				D		F		C											R	C		Bt, Chl, and Amphibole
C0002N-312-SMW	2255.5	Clay	C	F	F				D		F	F	C											R	F		Pyroxene
C0002N-314-SMW	2265.5	Clay	C	R	F				D		F	F	C												F		Bt, Pyroxene and Hypersthene
C0002N-316-SMW	2275.5	Clay	C	R					D		R		C											R	F		Amphibole
C0002N-318-SMW	2285.5	Clay	F	R	F				D		F		C												F		Chl. Bt and Amphibole.
C0002N-321-SMW	2295.5	Clay	C	F	F				D		F		C											R	C		Chl and Amphibole.
C0002N-323-SMW	2305.5	Clay	C	F	F				D		F		C											R	F		Amphibole
C0002N-325-SMW	2315.5	Clay	C	F	F				D				C												F		Chl, Bt and Amphibole
C0002N-327-SMW	2325.5	Clay	F	R	F				D		F		C											R	C		Chl, Bt, Hypersthene and Amphibole

D: dominant (>50%), A: abundant (>20-50%), C: common (>5-20%), F: few (>1-5%), R: rare (>0.1-1%)

Hole- Miscellaneous material no.	Depth (m CSF-A)	Lithology	Siliclastic grain										Lithic grains or ash					Pelagic grains					Other			Cement contamination (%)	Comments		
			Quartz	Feldspar	Mica group	Ferromagnesian min.	Opaque min.	Glauconite	Clay min.	Zeolite	Heavy min.	Calcite/Carb. min.	Sed. lithic	Ign. lithic	Meta. lithic	Volcanic lithic	Vol. glass	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge spicules	Clay mins.	Organic matter			Pyrite	
C0002P-9-SMW	1965.5	Clay	R		R				D		R				F	R									R				
C0002P-14-SMW	1975.5	Silty clay		C	R				D		R	R			R											R			
C0002P-16-SMW	1985.5	Clay	C	F	R				A		F	C	C		F	F									F	C			
C0002P-18-SMW	1995.5	Silty clay	R	R					D		R	R			C											F			
C0002P-20-SMW	2005.5	Clay	C	R	R				A		F	A	C		F	F									F	F			
C0002P-25-SMW	2015.5	Silty clay	R	F					F		R		A		C	C	R	C							R	R			
C0002P-28-SMW	2025.5	Clay	C	F	F				A		F	C	C		F										F	C			
C0002P-30-SMW	2035.5	Silty clay	F	C	F				A		R		C		C	R									R	F			
C0002P-32-SMW	2045.5	Silty clay	C	R	F				A		F	C	C		F	F									F	C			
C0002P-34-SMW	2055.5	Sand-silt-clay	C	C	F				C		F		A		C	C									R	F			
C0002P-36-SMW	2065.5	Sand-silt-clay	C	R	R				C		F	A	A												F	F			
C0002P-43-SMW	2075.5	Clay	F	R	R				D		R		F		F	R									F	F			
C0002P-45-SMW	2085.5	Clay	F	R	R				D		R	R			F										R	F			
C0002P-47-SMW	2095.5	Clay	F	R	R				D		R		C		R										R	F			
C0002P-49-SMW	2105.5	Clay	F	R	R				D		R		A		R										F	R			
C0002P-53-SMW	2115.5	Clay		R	R				D		R	F	C												R	F			
C0002P-56-SMW	2125.5	Clay	F	F	F			R	D				C																
C0002P-58-SMW	2135.5	Clay	F	F				R	D				F													F			
C0002P-61-SMW	2145.5	Silty clay	C	F	F				D				F		F											R			
C0002P-63-SMW	2155.5	Silty clay	C	F	F				D		R				C										R	F			
C0002P-71-SMW	2165.5	Silty clay	R	R	R				A	F	R	C	C		C										R	R			
C0002P-72-SMW	2170.5	Silty clay	F	F	F				A		F		A		F										F	R			
C0002P-73-SMW	2175.5	Clayey silt	C	F	F			R	A		F	F	A		F	R									F	C			
C0002P-74-SMW	2180.5	Silty clay	C	F	F				A		F	F	C		F	F		R							C	C			
C0002P-76-SMW	2185.5	Silty clay	C	R	F				A		F	C	A		R	F									C	F			
C0002P-77-SMW	2190.5	Silty clay	F	C	F				A		C		F		F	F	F								F	F			
C0002P-81-SMW	2195.5	Clayey silt	C	F	C				A		F	F	A												C	C			
C0002P-82-SMW	2200.5	Clayey silt	C	F	F				A		F	C	A		F										F	F			
C0002P-83-SMW	2205.5	Silty clay	C	F	C				A		C	F	A		F	F									F	C			
C0002P-85-SMW	2210.5	Clayey silt	C	F	F			R	A		F	F	C		F	F									F	C			
C0002P-86-SMW	2215.5	Silty clay	C	R	F				A		F		A		F										F	C			
C0002P-107-SMW	2225.5	Silty clay	C	F	F				A		F	C	A		F										F	C			
C0002P-109-SMW	2235.5	Clayey silt	C	F	F				A		C	C	A		F		F								C	C			
C0002P-111-SMW	2245.5	Silty clay	F	R	C				A		F	C	A		R	F	F								C	F			
C0002P-113-SMW	2255.5	Silty clay	C	R	F				A		F	C	A		F	F									C	C			
C0002P-115-SMW	2265.5	Silty sand	C	F	F				C		F	F	D		F										F	F			
C0002P-117-SMW	2275.5	Clayey silt	C	F	F				C		F	F	A												F	C			
C0002P-121-SMW	2285.5	Silty clay	C	F	F			R	A		F	C	A		C	C									F	C			
C0002P-123-SMW	2295.5	Silty clay	C	R	F				A		C	C	C			R									C	C			

Hole- Miscellaneous material no.	Depth (m CSF-A)	Lithology	Siliclastic grain										Lithic grains or ash					Pelagic grains					Other			Cement contamination (%)	Comments  (Legend) Ap: Apatite, Bt: Biotite, Chl: Chlorite, Cpx: Clinopyroxene, Cum: Cumingtonite, Fel: Feldspar, Hbl: Hornblende, Ogn: Organic materials, Opx: Orthopyroxene, Pyr: Pyrite, Zr: Zircon
			Quartz	Feldspar	Mica group	Ferromagnesian min.	Opaque min.	Glauconite	Clay min.	Zeolite	Heavy min.	Calcite/Carb. min.	Sed. lithic	Ign. lithic	Meta. lithic	Volcanic lithic	Vol. glass	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge spicules	Clay mins.	Organic matter		
C0002P-125-SMW	2305.5	Silty clay	C	R	F				A		F	F	A											F	A		
C0002P-127-SMW	2315.5	Silty clay	C	F	F				A		F	F	A						R						F		
C0002P-129-SMW	2325.5	Sand-silt-clay	F	F	R				A		F		A			C	F							R	F		
C0002P-131-SMW	2335.5	Silty clay	C	R	F				A		F		A			R								C	C		
C0002P-133-SMW	2345.5	Sand-silt-clay	F	C	F				A		F	R	C			C									F		
C0002P-136-SMW	2355.5	Silty clay	C	R	F				A		F	F	A			F		F							C		
C0002P-138-SMW	2365.5	Clayey silt	C	C	F	F			A		F	R	C			F	C				R			F	F		
C0002P-141-SMW	2375.5	Sandy silt	A	F	F				C		F		A											F	F		
C0002P-143-SMW	2385.5	Silty clay	F	C	R				D		R		C			C								R	F		
C0002P-145-SMW	2395.5	Silty clay	C	R	F				A		F	F	A											C	C		
C0002P-149-SMW	2405.5	Sand-silt-clay	A	C	F			R	F	R	F		C			C	F							F	F		
C0002P-151-SMW	2415.5	Clayey silt	A	F	F				A		F	F	C											C	C		
C0002P-155-SMW	2425.5	Clay	C	F	R				D		R	R	R			C								R	F		
C0002P-157-SMW	2435.5	Clayey silt	A	F	F				A		F	F	C											F	C		
C0002P-159-SMW	2445.5	Silty clay	C	C	R				D		F	R	F			R	F								F		
C0002P-161-SMW	2455.5	Silty clay	C	F	F				A		F	C	C			F	F	F						F	C		
C0002P-163-SMW	2465.5	Silty clay	C	C	F				C		C	F	C			F	F	C							C		
C0002P-165-SMW	2475.5	Silty clay	R						A		F	F	F			F								F	A		
C0002P-168-SMW	2485.5	Sand-silt-clay	C	C	C				C		F		C			C	C	R						R	F		
C0002P-170-SMW	2495.5	Silty clay	C	F	R				D		R	R	R			F								F	F		
C0002P-172-SMW	2505.5	Silty clay	F	F	R				D		R		F					R						F	F		
C0002P-174-SMW	2515.5	Clay	R	R					D		R		C					C							F		
C0002P-176-SMW	2525.5	Silty clay	F	F	F	F		R	D		F	R	F			F		F							F		
C0002P-179-SMW	2535.5	Silty clay	F	F					D		R		A					F						R	C		
C0002P-181-SMW	2545.5	Clayey silt	F	C	C			R	A	C	R	R	C			F	F							F	C		
C0002P-183-SMW	2555.5	Silty clay	C	F	F				D		F		F			F	R								F		
C0002P-185-SMW	2565.5	Silty clay	C	F	F				A		F		C			C	R							R	F		
C0002P-187-SMW	2575.5	Sand-silt-clay	C	F	F				A		F		C			C	F							F	F		
C0002P-189-SMW	2585.5	Clayey silt	F	F	F				A		R		A			F	C							F	C		
C0002P-191-SMW	2595.5	Sandy silt	A	C	F	R			C		F		A					R							F		
C0002P-196-SMW	2605.5	Clayey silt	C	F					C				C			C	F	C						F	F		
C0002P-198-SMW	2615.5	Sandy silt	C	C	F				C		F		A					R						F	F		
C0002P-200-SMW	2625.5	Silty clay	C	F	C				A				A			F	F							R	C		
C0002P-202-SMW	2635.5	Sand-silt-clay	F	C	F				A		F	R	A			C	R								F		
C0002P-204-SMW	2645.5	Silty clay	C	F	C			R	A		R		A					R						R	F		
C0002P-208-SMW	2655.5	Silty clay	F	R	F				D		F	R	C			F	R								F		
C0002P-210-SMW	2665.5	Clay		R	R				D				A			C	F							R	C		
C0002P-213-SMW	2675.5	Silty clay	F	R	R				D		R		C			C	F							R	R		
C0002P-215-SMW	2685.5	Silty clay	C	F	R				D		F		C					F						R	R		

Hole- Miscellaneous material no.	Depth (m CSF-A)	Lithology	Siliclastic grain										Lithic grains or ash					Pelagic grains					Other			Cement contamination (%)	Comments	
			Quartz	Feldspar	Mica group	Ferromagnesian min.	Opaque min.	Glauconite	Clay min.	Zeolite	Heavy min.	Calcite/Carb. min.	Sed. lithic	Ign. lithic	Meta. lithic	Volcanic lithic	Vol. glass	Nannofossils	Foraminifers	Diatoms	Radiolarians	Silicoflagellates	Sponge spicules	Clay mins.	Organic matter			Pyrite
C0002P-217-SMW	2695.5	Silty clay	C	F	F			F	A		F	C	A												F	C		
C0002P-219-SMW	2705.5	Clay	C	F	F				A		F		F		C	F	F	F							R	F		
C0002P-221-SMW	2715.5	Silty clay	C	F	F			R	A		F	F	A			F	F								F	C		
C0002P-224-SMW	2725.5	Clayey silt	R	F	R				D				A			F									R	R		
C0002P-226-SMW	2735.5	Silty clay	C	F	F			R	A		F	C	A			R	C								R	F		
C0002P-229-SMW	2745.5	Clay	F	C	F				A		R		F			C	C								R	F		
C0002P-231-SMW	2755.5	Silty clay	F	F		R			A		F	F	C					C							F	F		
C0002P-233-SMW	2765.5	Sand-silt-clay	F	F	R				A		R	A	C		F	F	R	F										
C0002P-235-SMW	2775.5	Clay	F	F	R		R		D							R	F								F	F		
C0002P-237-SMW	2785.5	Silty clay	F	F	F	R			D	R	F		F			F	C	F							F			
C0002P-240-SMW	2795.5	Silty clay	C	F	R			R	A		R	F	A												C	C		
C0002P-242-SMW	2805.5	Clay	F	F	F				D		R	R	F	F											F	F		
C0002P-244-SMW	2815.5	Silty clay	C	F	F			R	A		F	F	A			R									C	C		
C0002P-247-SMW	2825.5	Clay	F	A	F				A			R	F			C	C								F	F		
C0002P-249-SMW	2835.5	Silty clay	C	R	R			R	A		R	F	A			F									C	C		
C0002P-251-SMW	2845.5	Silty clay	A	F	F				C		C	F	C			R	F	R							C	C		
C0002P-254-SMW	2855.5	Silty clay	C	R	F				A		R	F	A												F	C		
C0002P-256-SMW	2865.5	Silty clay	C	F	F				A		F	F	C												F	C		
C0002P-259-SMW	2875.5	Silty clay	C	R	R			R	A		F	C	A			F	R								C	C		
C0002P-261-SMW	2885.5	Silty clay	C	C	F			R	A		F	F	A			R									C	C		
C0002P-263-SMW	2895.5	Clayey silt	C	F	F			R	A		F	F	A			F									C	C		
C0002P-265-SMW	2905.5	Clayey silt	C	F	C				C		F	F	A			F									C	F		
C0002P-267-SMW	2915.5	Silty clay	C	R	F				A		F		A			R	F								F	C		
C0002P-269-SMW	2925.5	Clay	C	C	F				A		F	F	C			F									F	C		
C0002P-271-SMW	2935.5	Clayey silt	C	F	C			F	C		F	F	A				F								C	C		
C0002P-273-SMW	2945.5	Silty clay	C	F	F				A		F	C	C				C								F			
C0002P-279-SMW	2965.5	Silty clay	C	F	C				A		F	C	C			F	F								C	C		
C0002P-281-SMW	2975.5	Silty clay	C	F	F				A		F	F	A			R									F	F		
C0002P-283-SMW	2985.5	Silty clay	C	F	F				A		F	C	C												C	C		
C0002P-285-SMW	2995.5	Silty clay	C	F	R				A		R	F	A			R	R								F	F		
C0002P-289-SMW	3005.5	Silty clay	F	F	F				A		F	C	A			F	R								F	C		
C0002P-291-SMW	3015.5	Silty clay	C	F	F				A		F	C	A												C	C		
C0002P-293-SMW	3025.5	Sand-silt-clay	A	F	F			R	A		F	C	C				C								C			
C0002P-296-SMW	3035.5	Silty clay	C	R	F			R	A		F	F	A			R									C	C		
C0002P-298-SMW	3045.5	Sand-silt-clay	C	F	F				C		F	C	A			F	F								F	C		
C0002P-300-SMW	3058.5	Clayey silt	A	F	R				A		R	F	A			R									F	F		

D: dominant (>50%), A: abundant (>20-50%), C: common (>5-20%), F: few (>1-5%), R: rare (>0.1-1%)