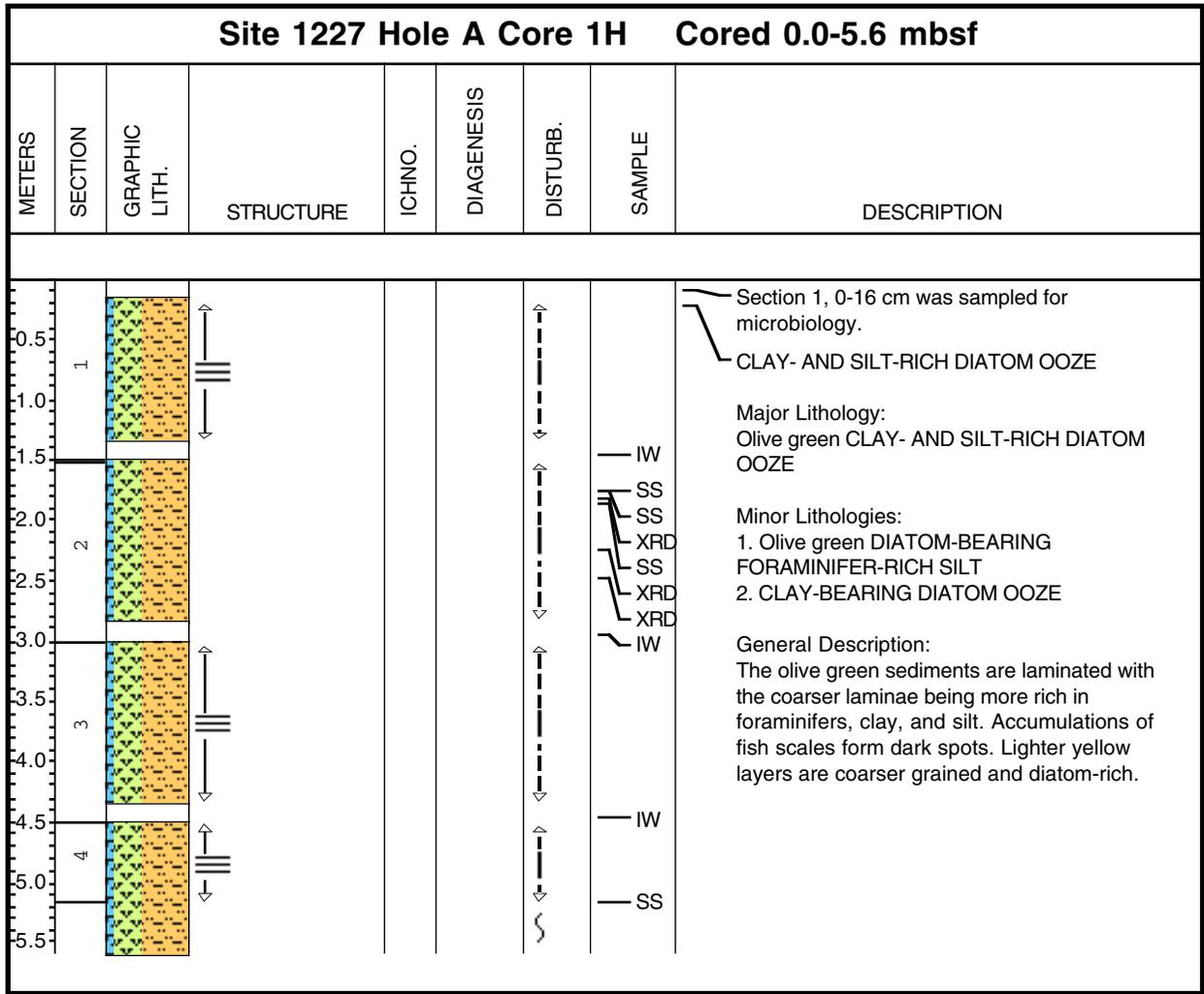
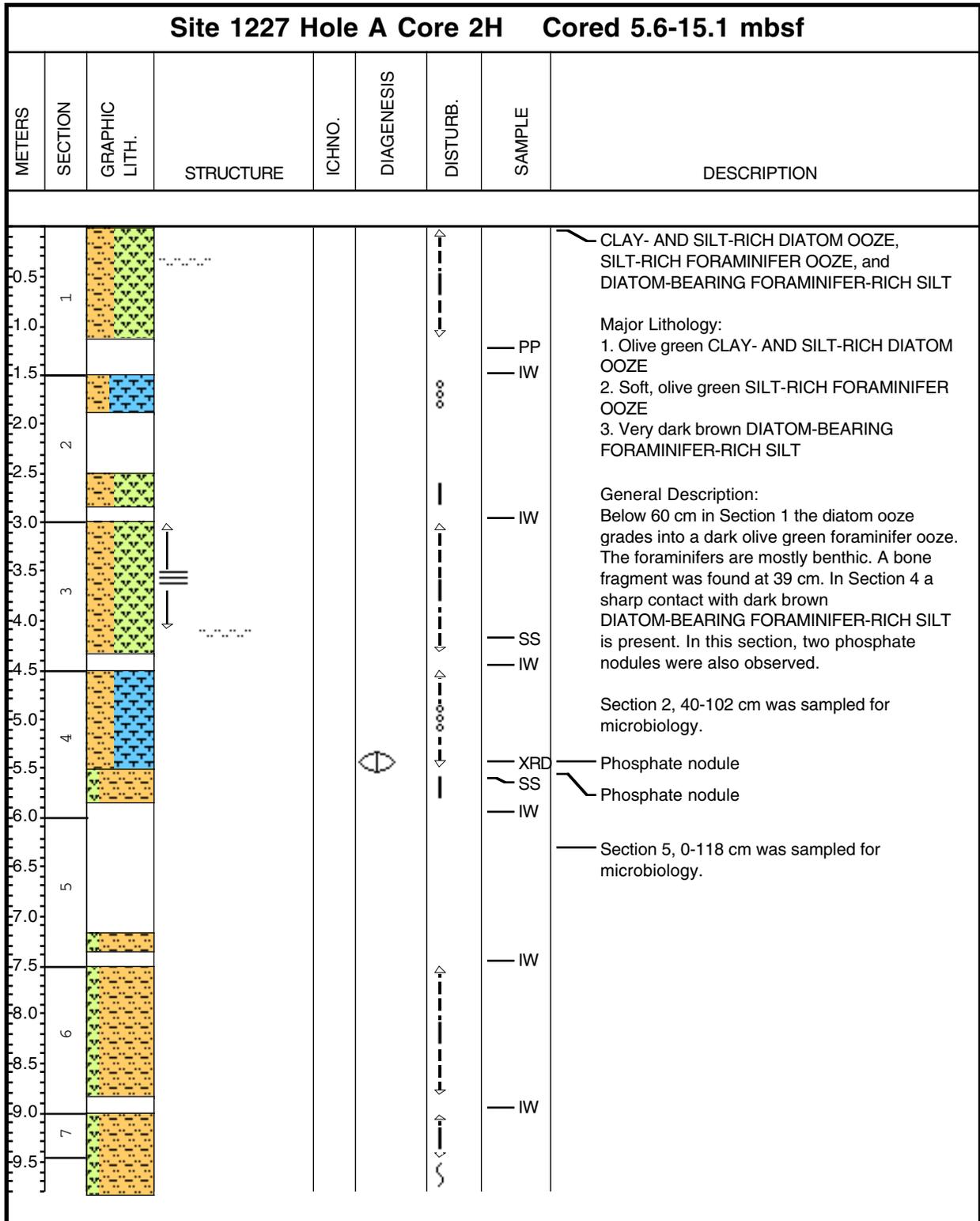


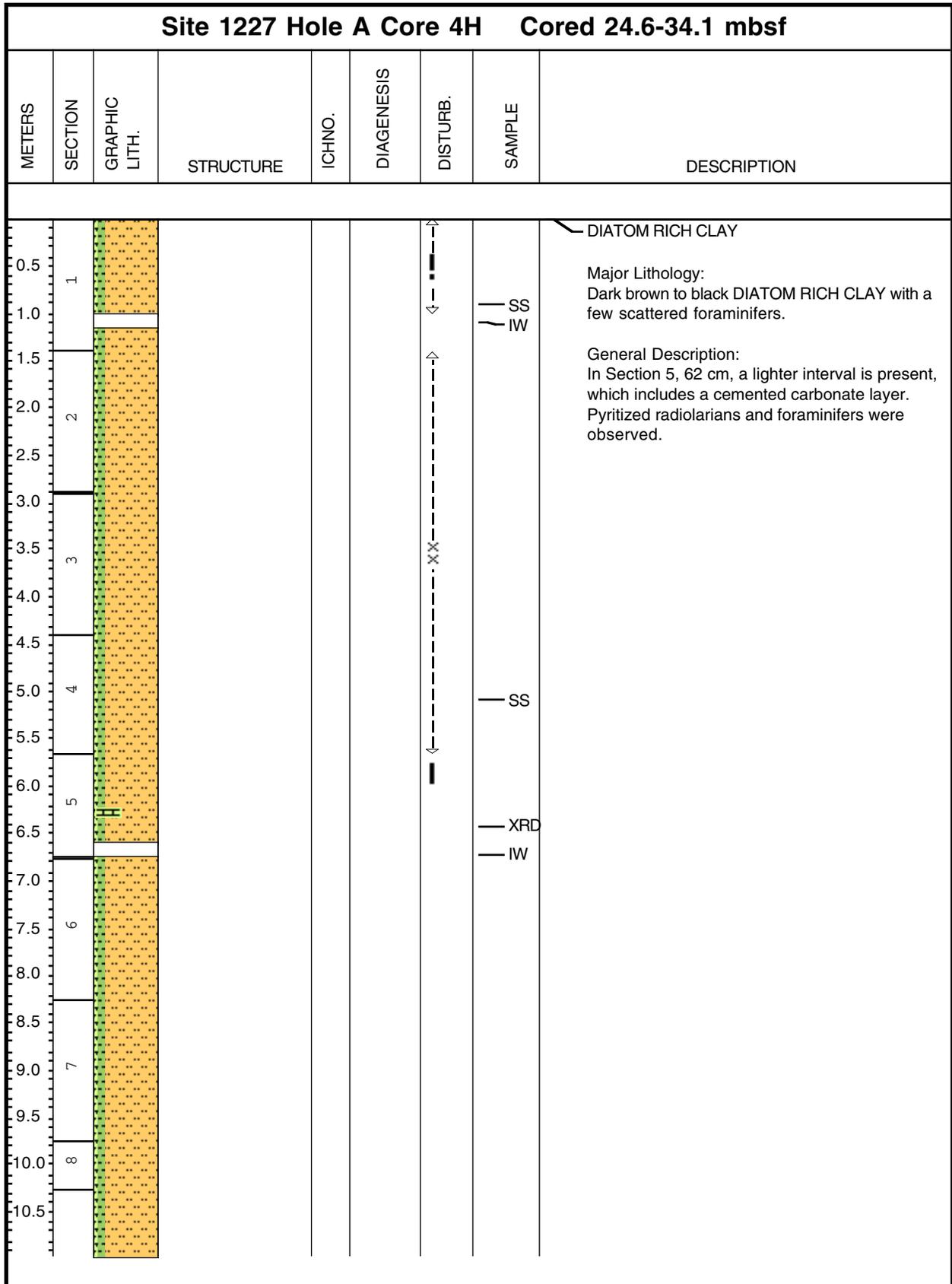
Core Photo



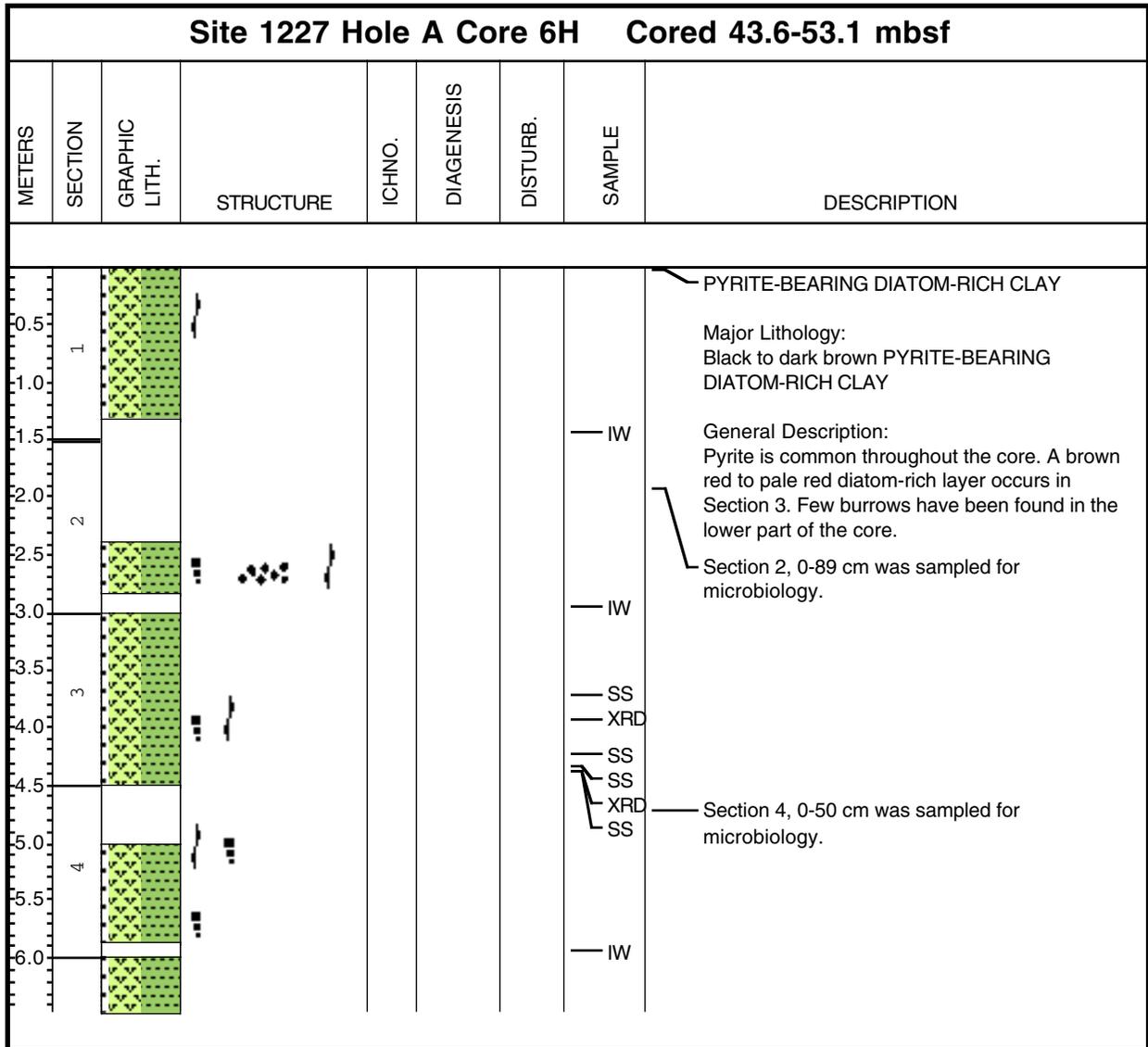
Core Photo



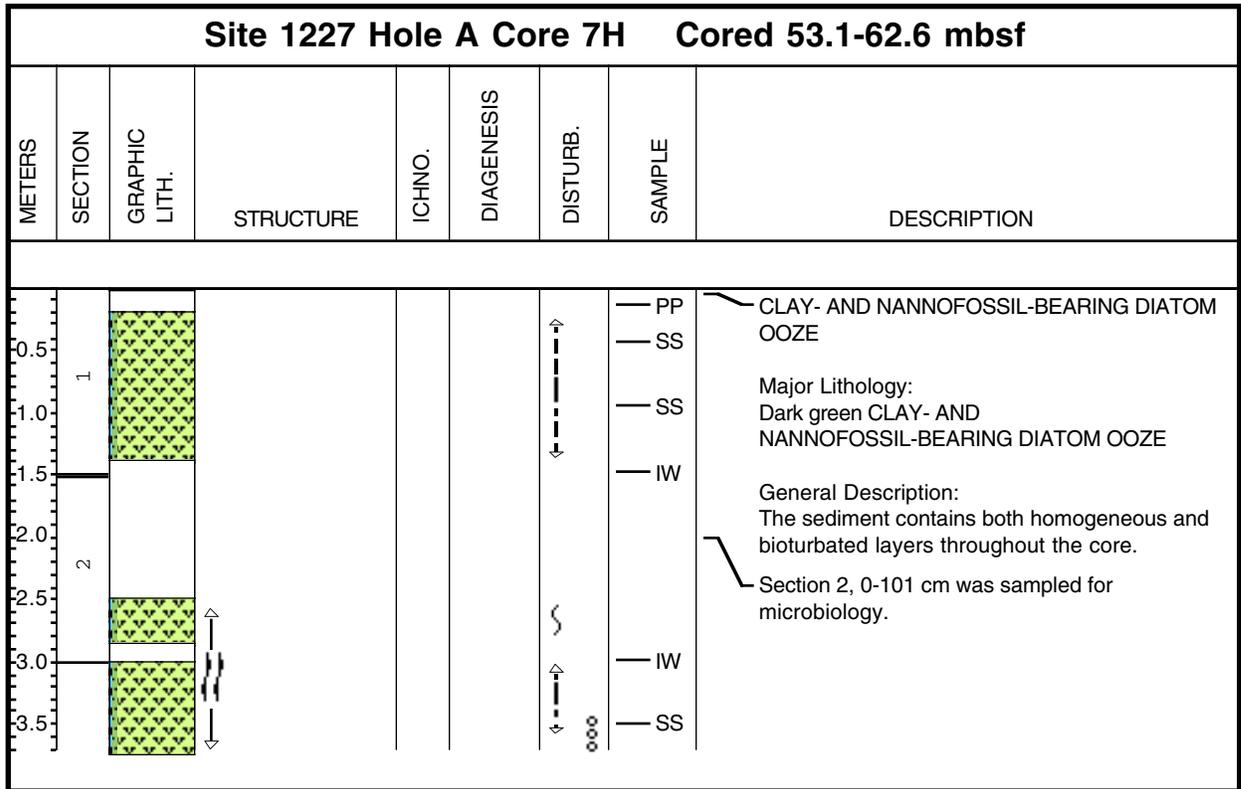
Core Photo



Core Photo



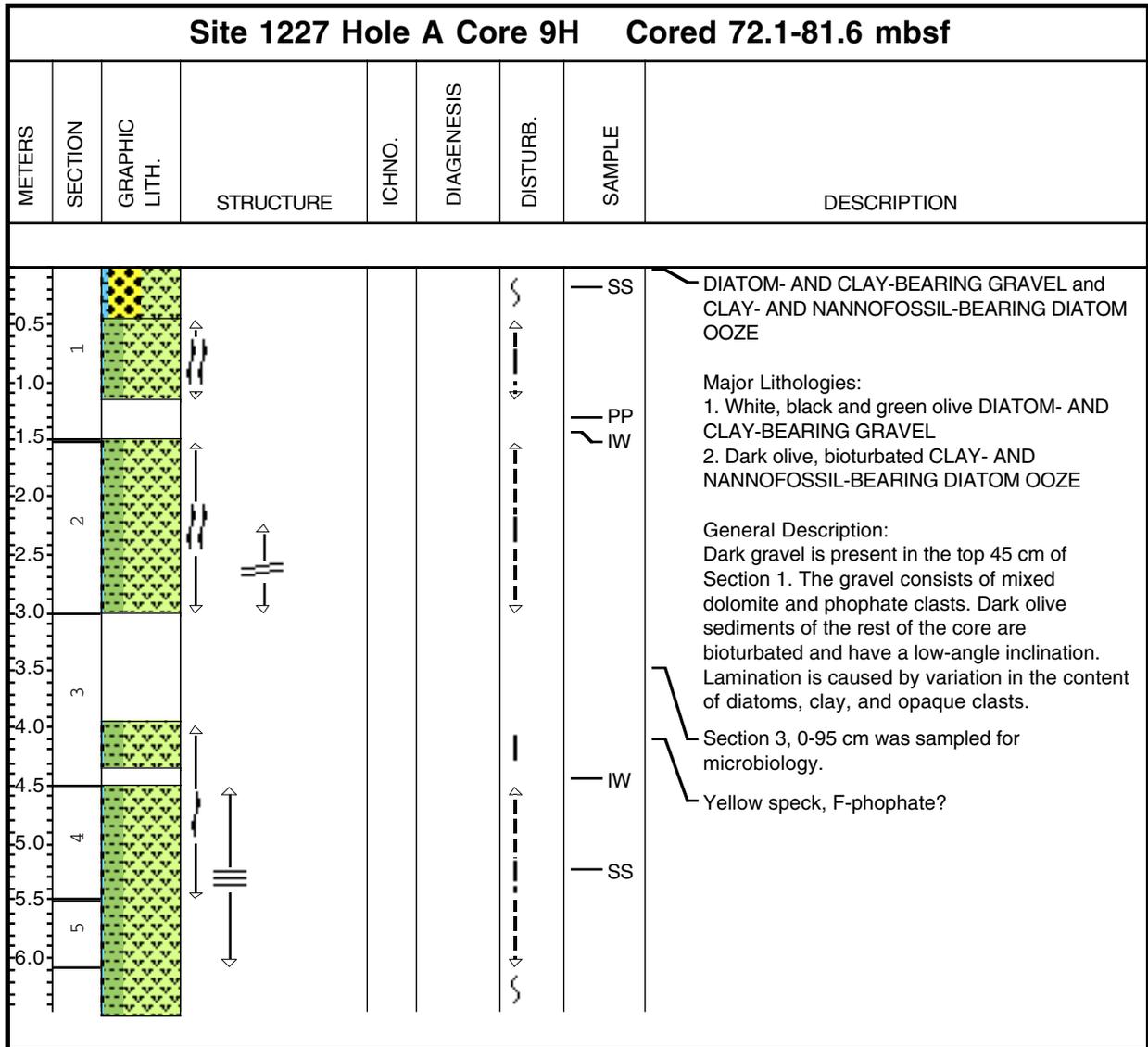
Core Photo



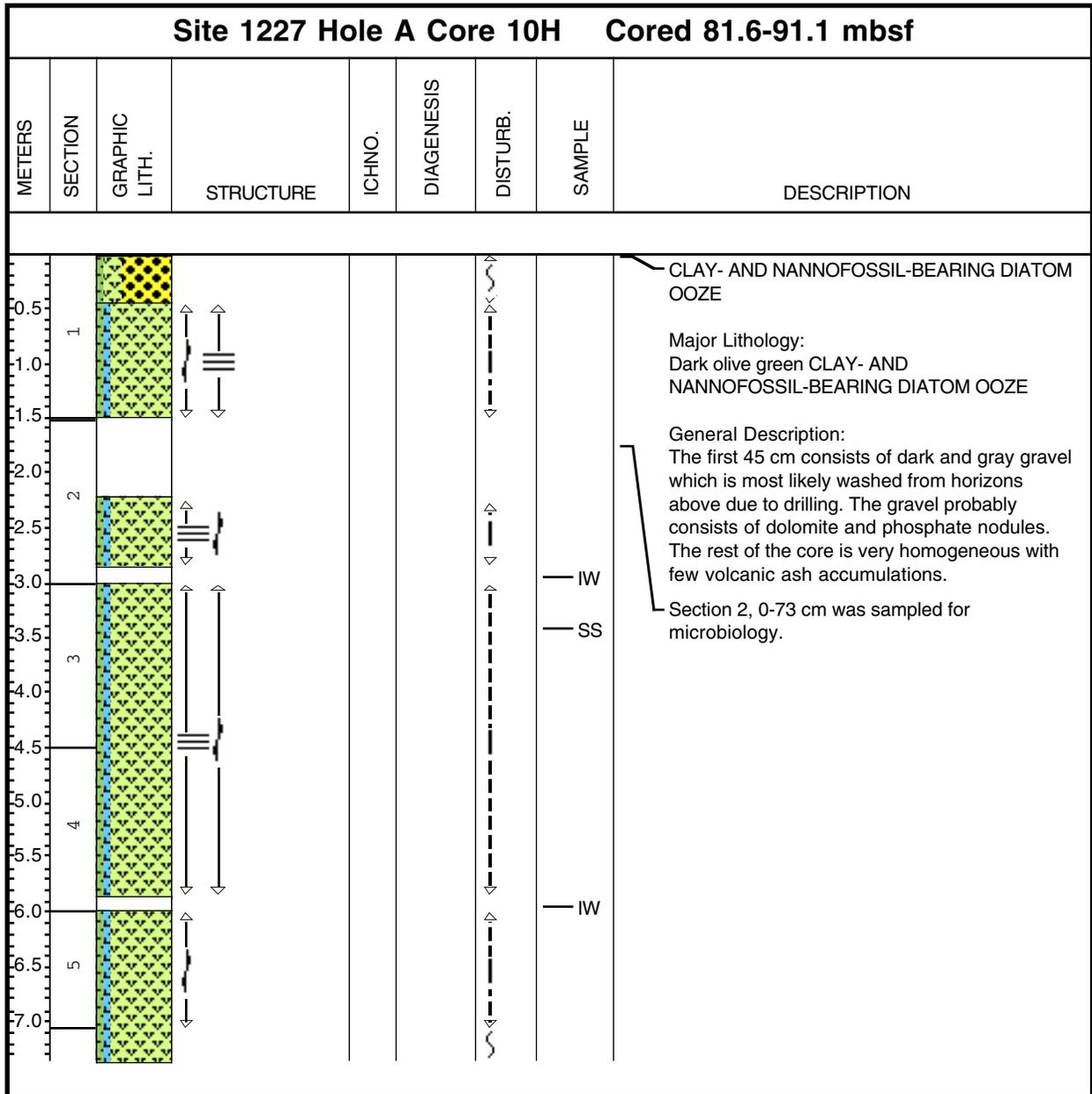
Core Photo

Site 1227 Hole A Core 8H Cored 62.6-72.1 mbsf								
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
							XRD	<p>NANNOFOSSIL- AND CLAY-BEARING DIATOM OOZE and GRAVEL</p> <p>Major Lithology: Olive green NANNOFOSSIL- AND CLAY-BEARING DIATOM OOZE and GRAVEL</p> <p>General Description: The core consists of gravel-sized dark green, olive, and white clasts, mixed with shell hash and olive green NANNOFOSSIL- AND CLAY-BEARING DIATOM OOZE.</p>

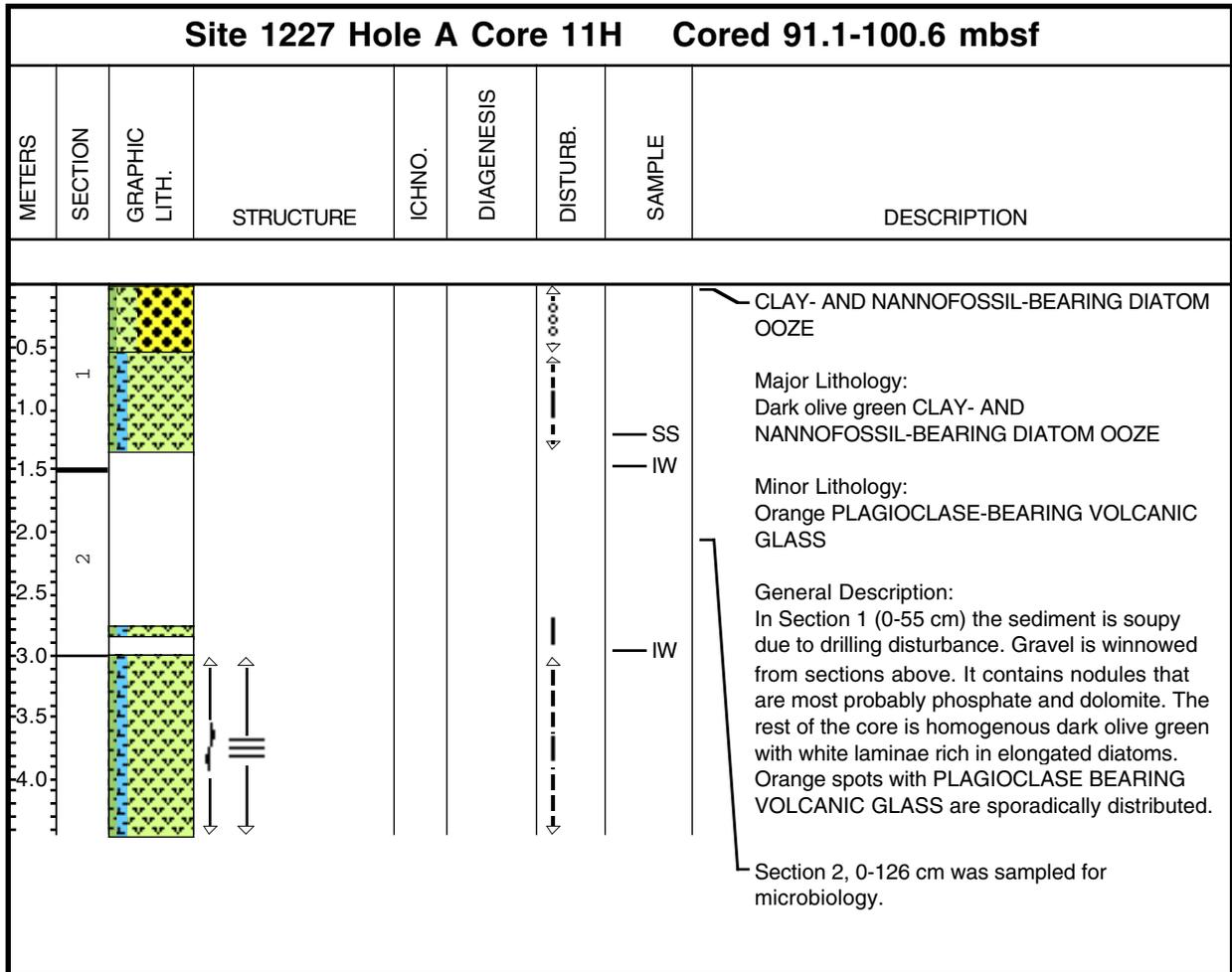
Core Photo



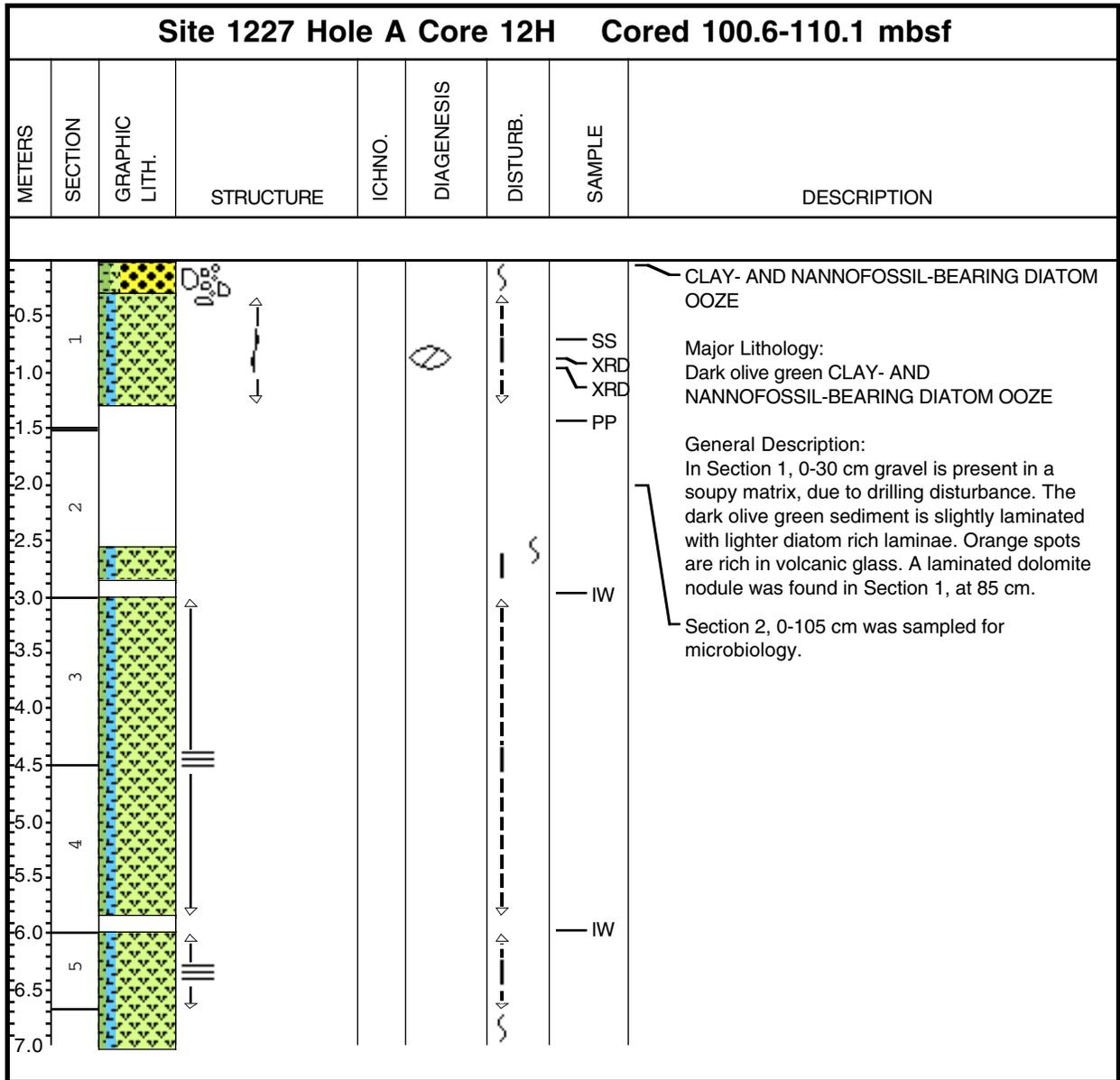
Core Photo



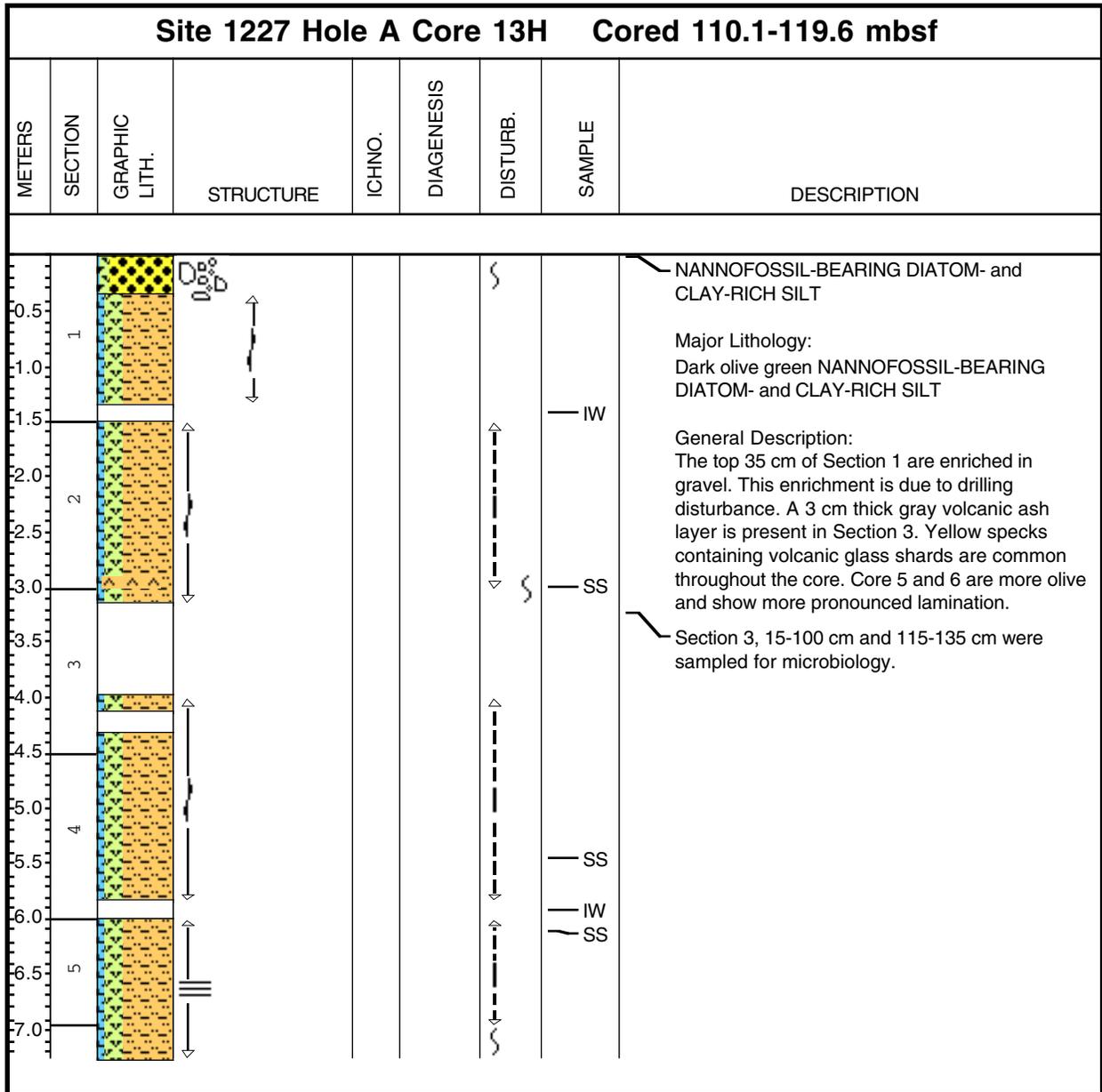
Core Photo



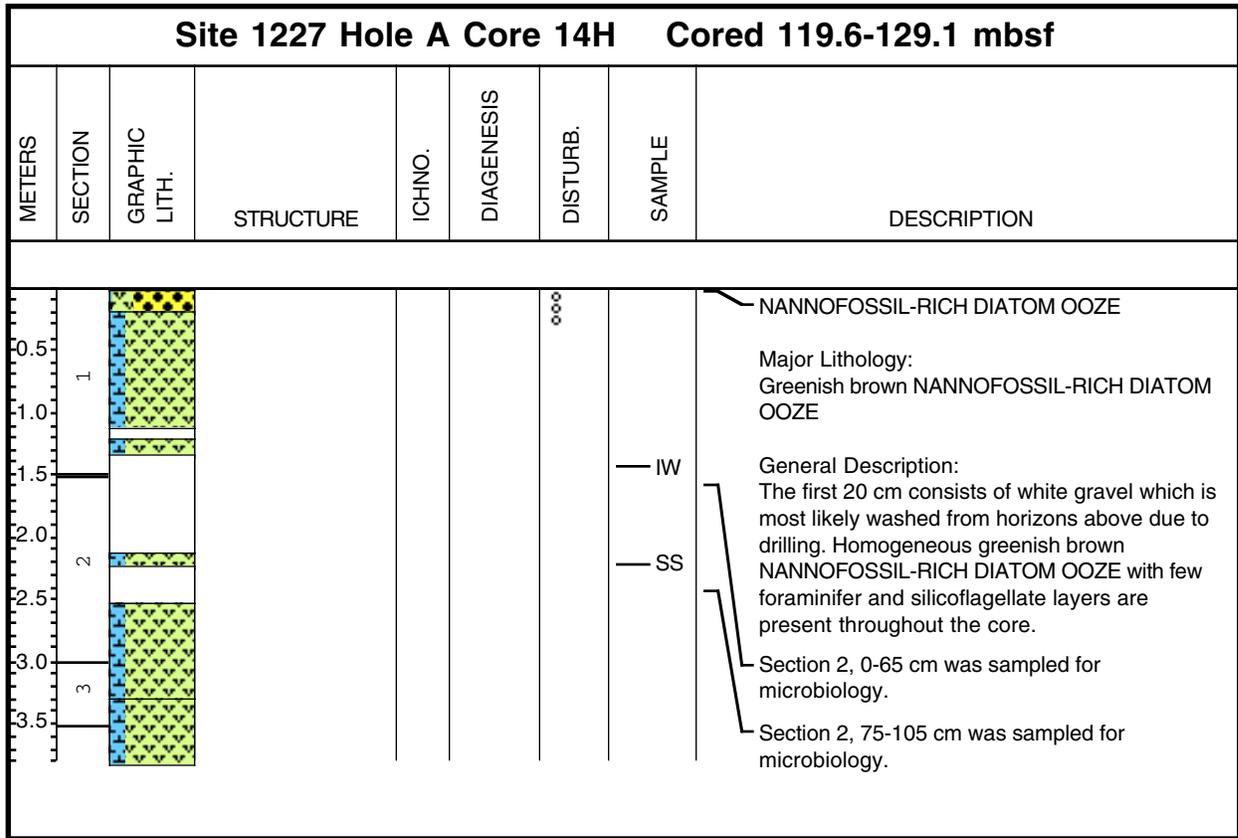
Core Photo



Core Photo



Core Photo

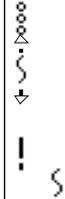


1227A-15P NO RECOVERY

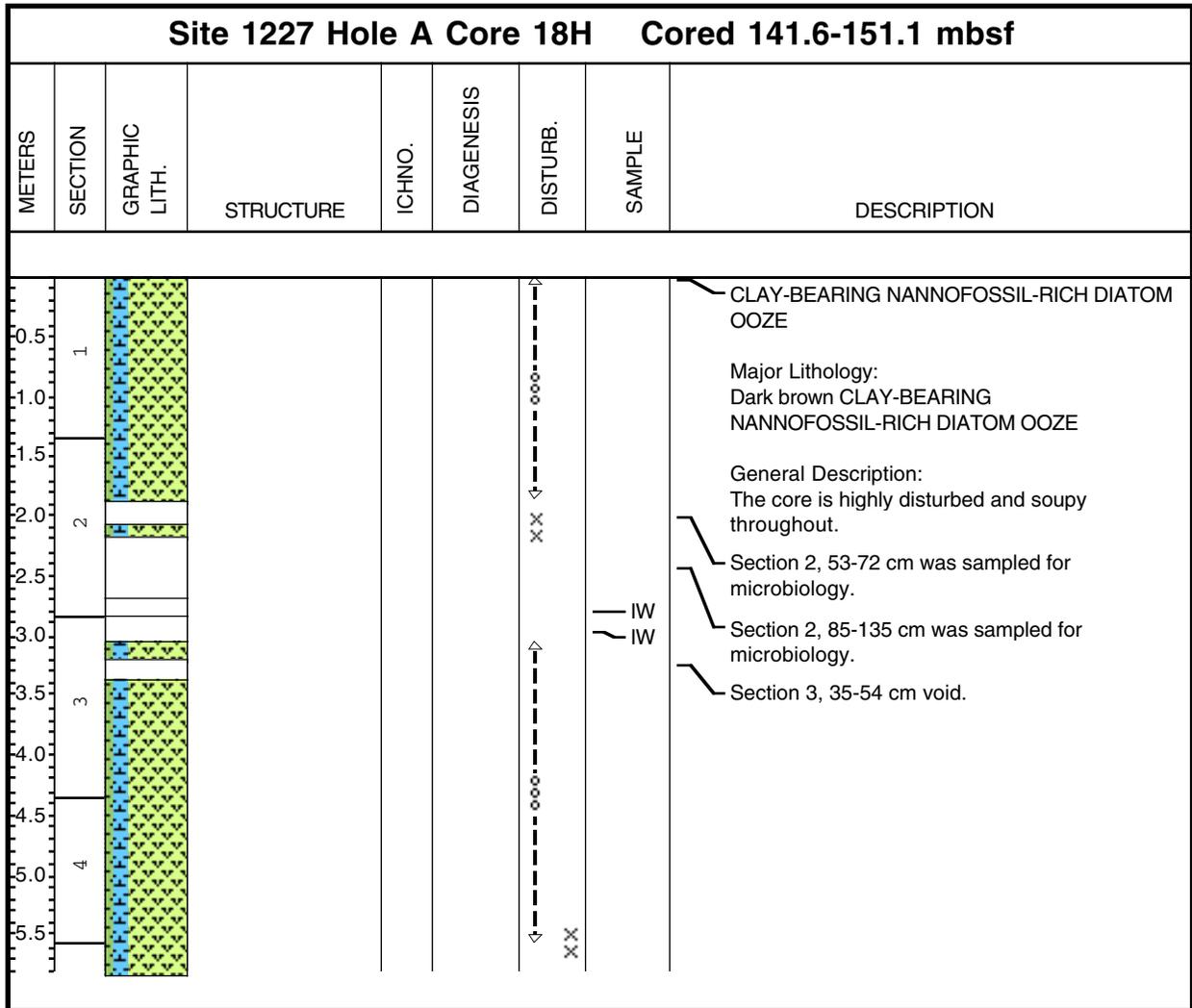
Core Photo

Site 1227 Hole A Core 16M Cored 131.1-132.1 mbsf								
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
								Gravel from Fugro pressure corer.

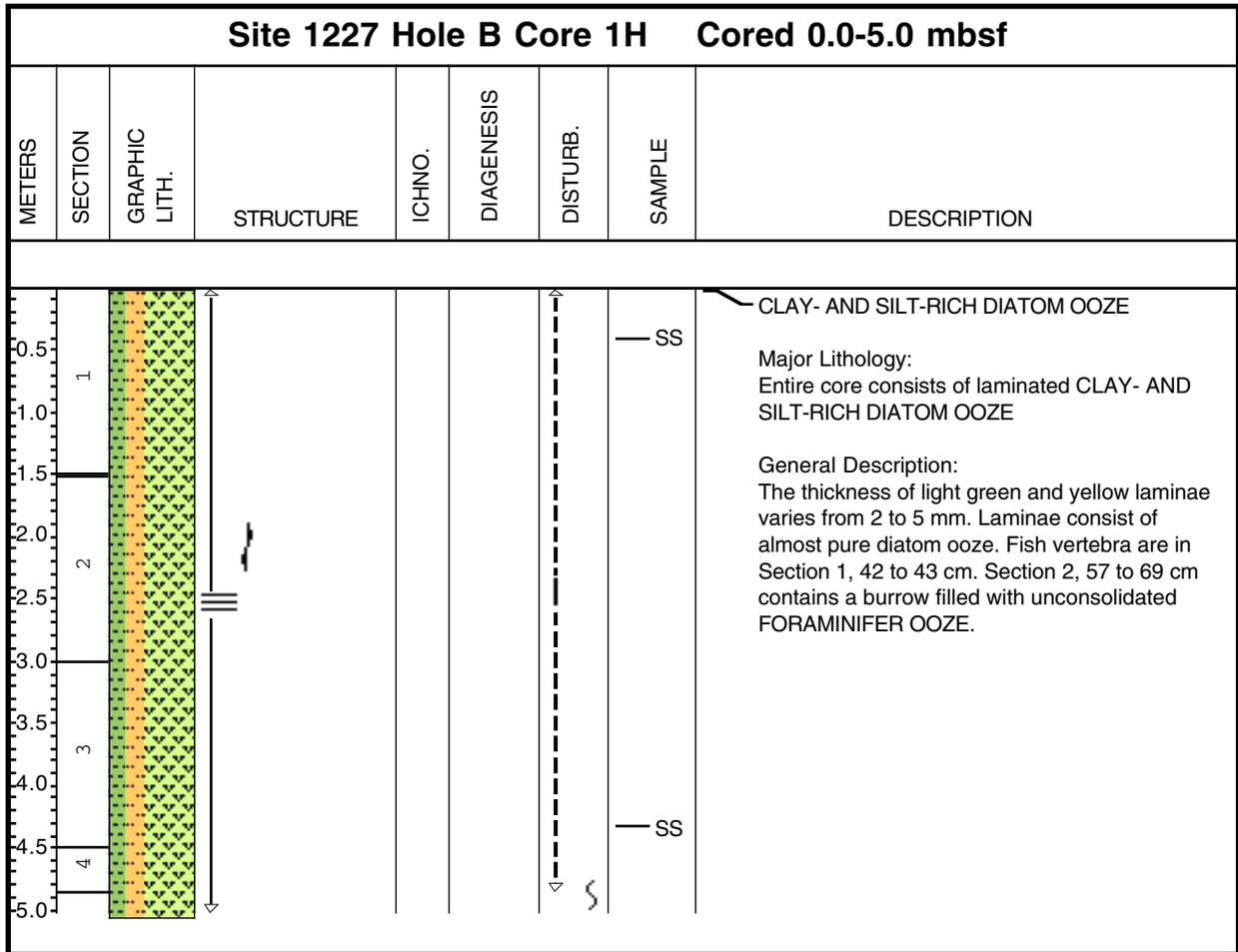
Core Photo

Site 1227 Hole A Core 17H Cored 132.1-141.6 mbsf								
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 1 1.0 1.5	1 2						SS IW	<p>CLAY-BEARING NANNOFOSSIL-RICH DIATOM OOZE</p> <p>Major Lithology: Dark brown CLAY-BEARING NANNOFOSSIL-RICH DIATOM OOZE with pyrite</p> <p>General Description: This core is very disturbed by drilling.</p>

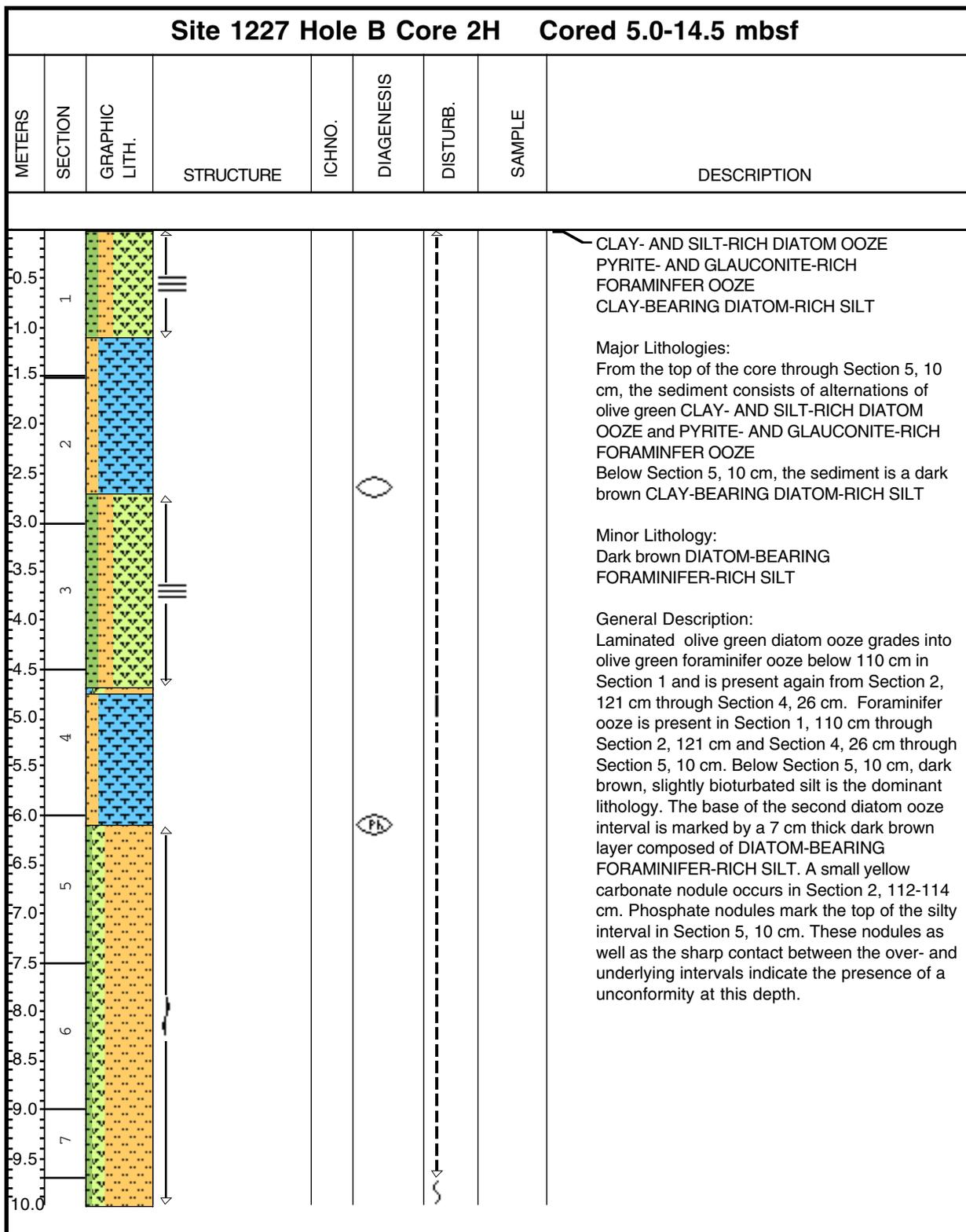
Core Photo



Core Photo



Core Photo

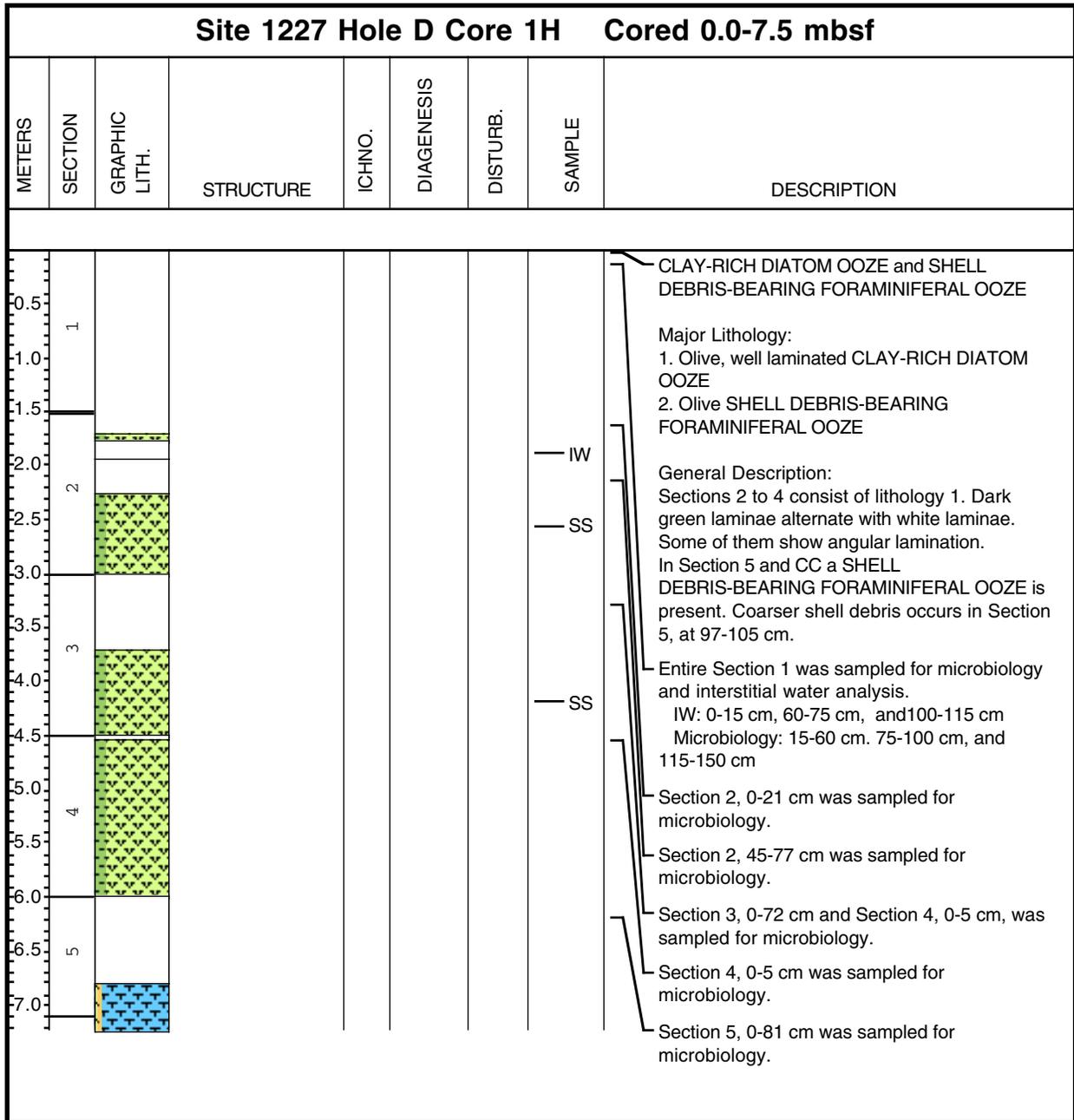


Core Photo

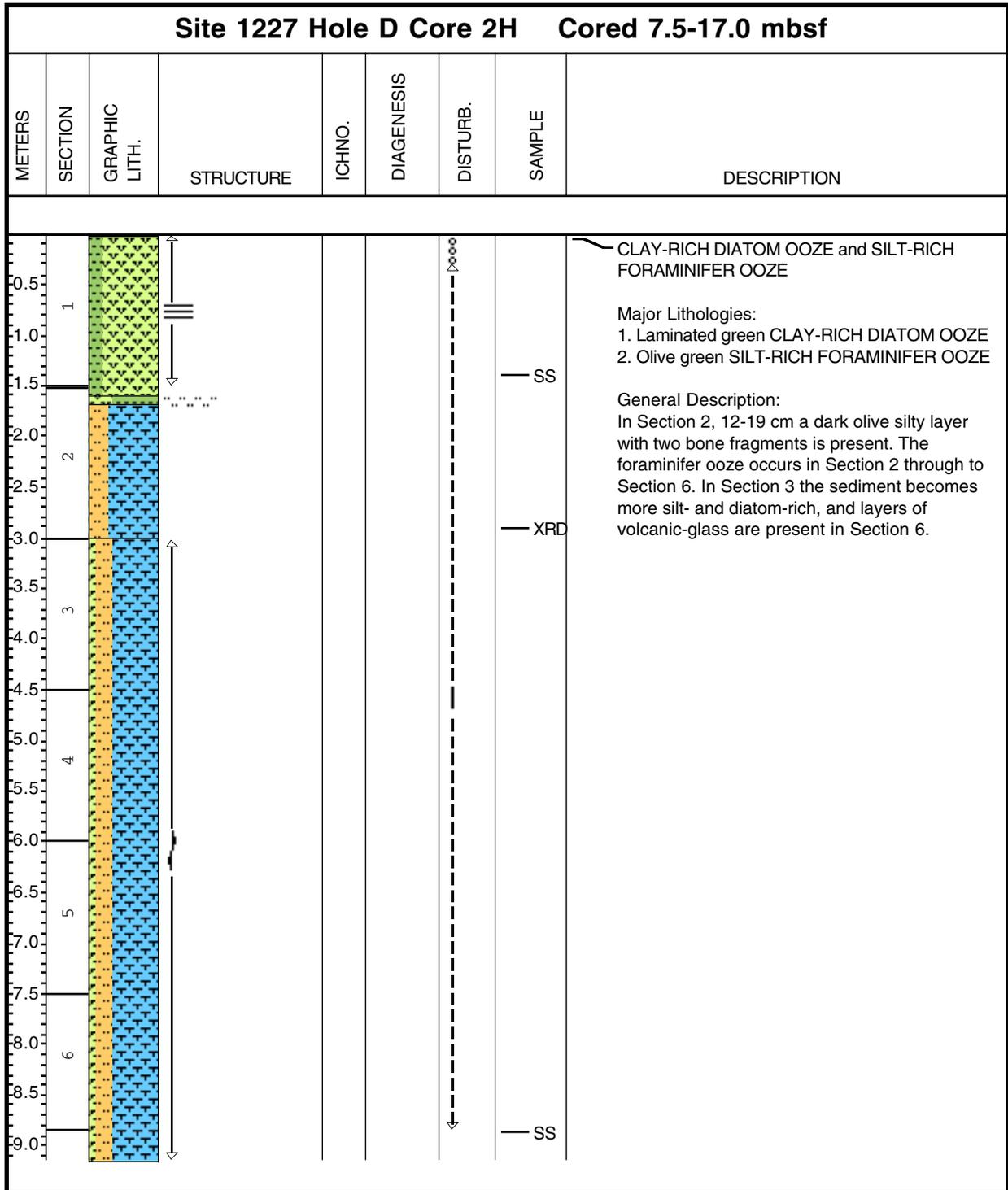
Site 1227 Hole B Core 3H Cored 14.5-24.0 mbsf								
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5	1							<p>CLAY-BEARING DIATOM-RICH SILT</p> <p>Dominant Lithology: The entire core consists of homogeneous dark brown CLAY-BEARING DIATOM-RICH SILT</p> <p>General Description: Section 4 through 7 contain scattered sand-sized foraminifers, being slightly more abundant in Section 4 and 5. Two white spots are in Section 2, 55 to 58 cm.</p>
1.0								
1.5	2							
2.0								
2.5	3							
3.0								
3.5	4							
4.0								
4.5	5							
5.0								
5.5	6							
6.0								
6.5	7							
7.0								
7.5								
8.0								
8.5								
9.0								
9.5								

Hole 1227C - Cores from this hole were not split on board. They were shipped to the Gulf Coast Repository as complete sections for postcruise sampling.

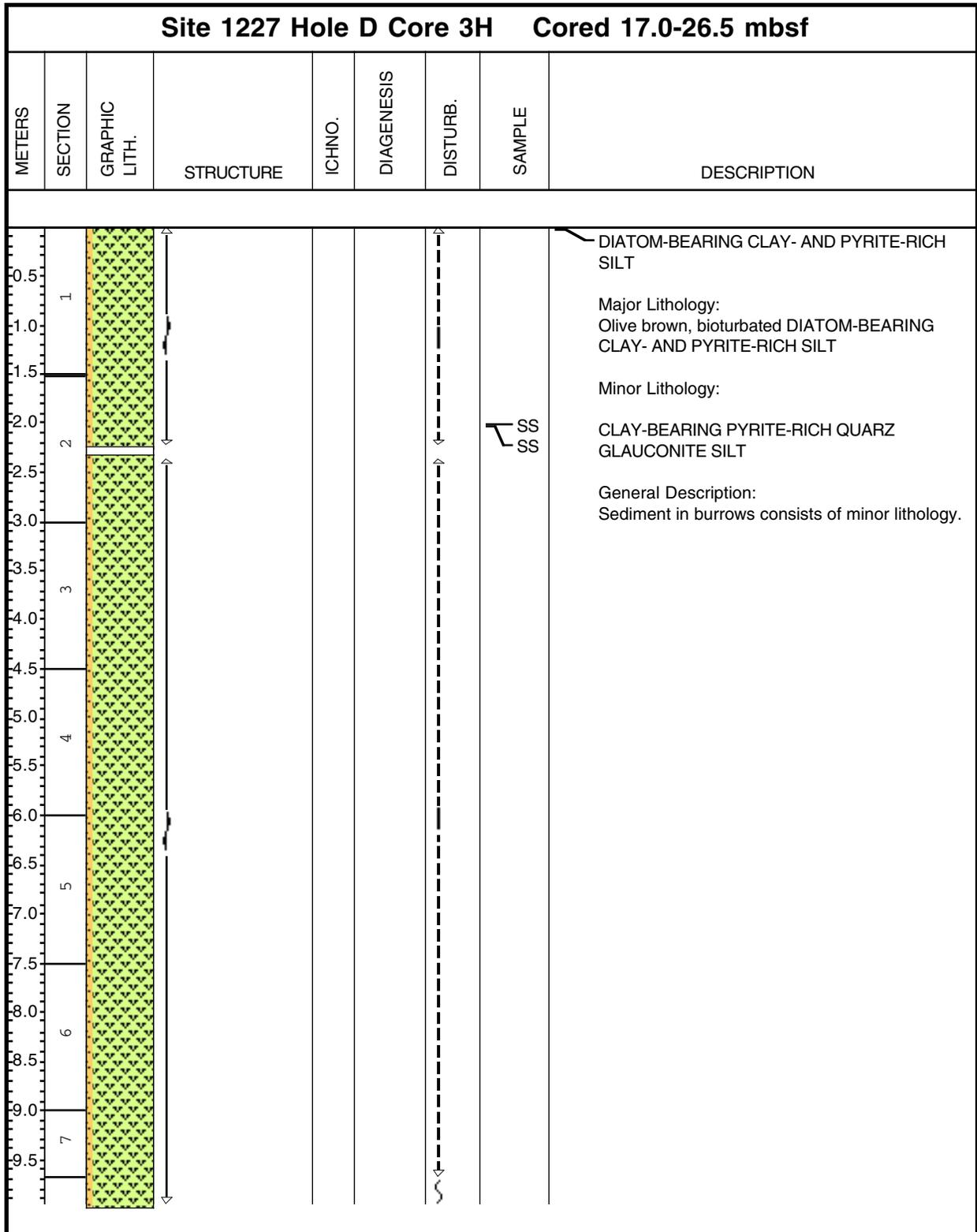
Core Photo



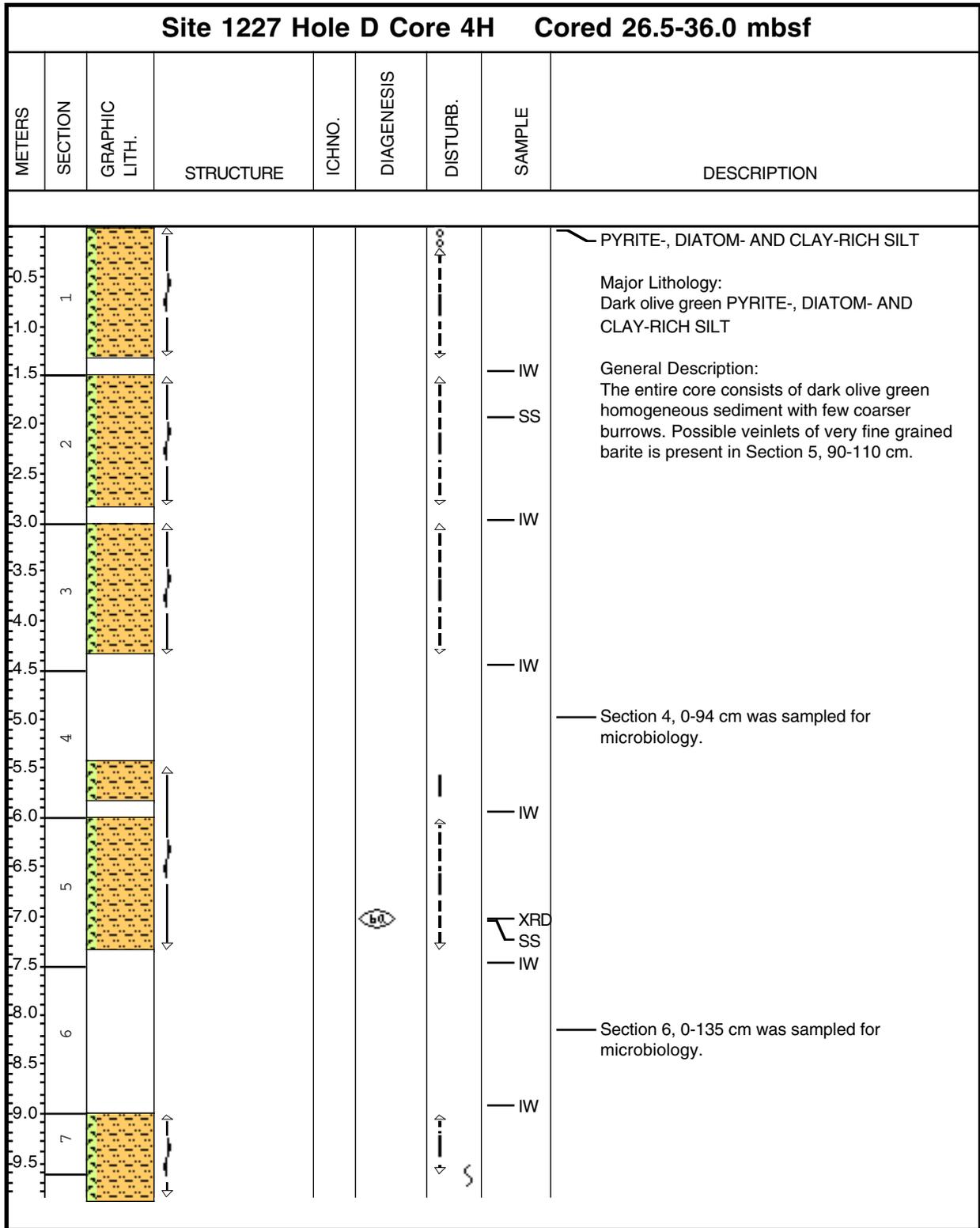
Core Photo



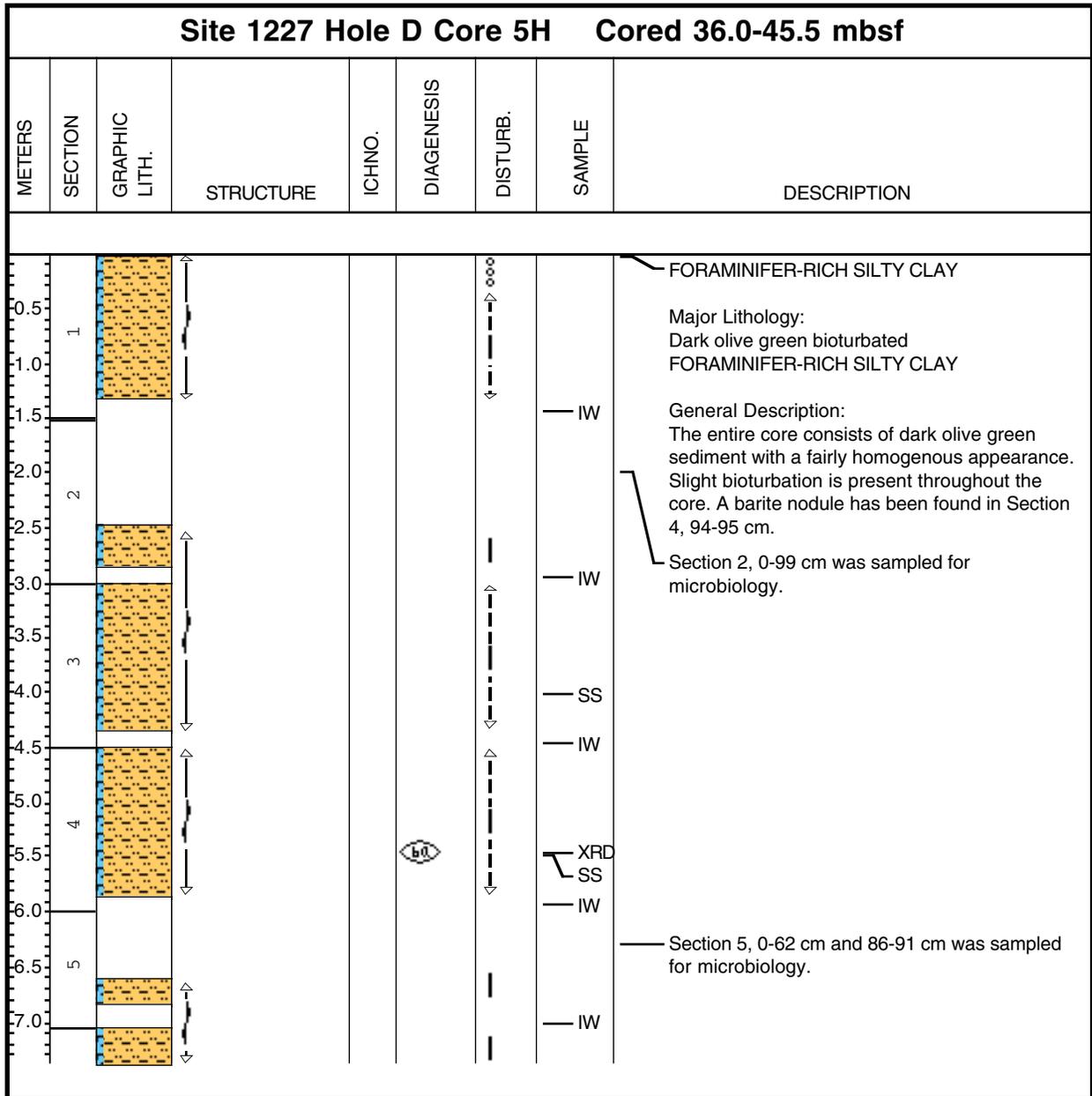
Core Photo



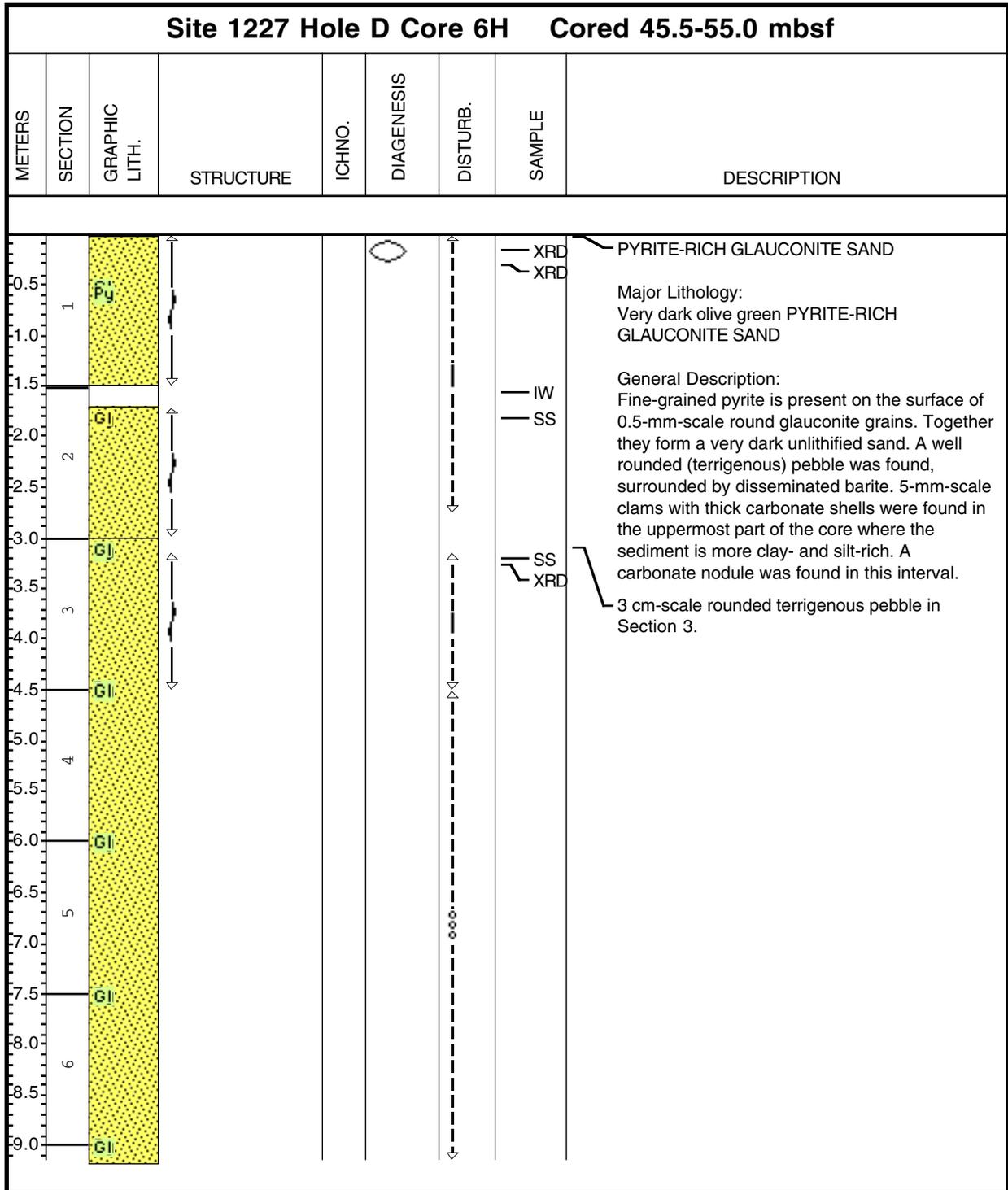
Core Photo



Core Photo



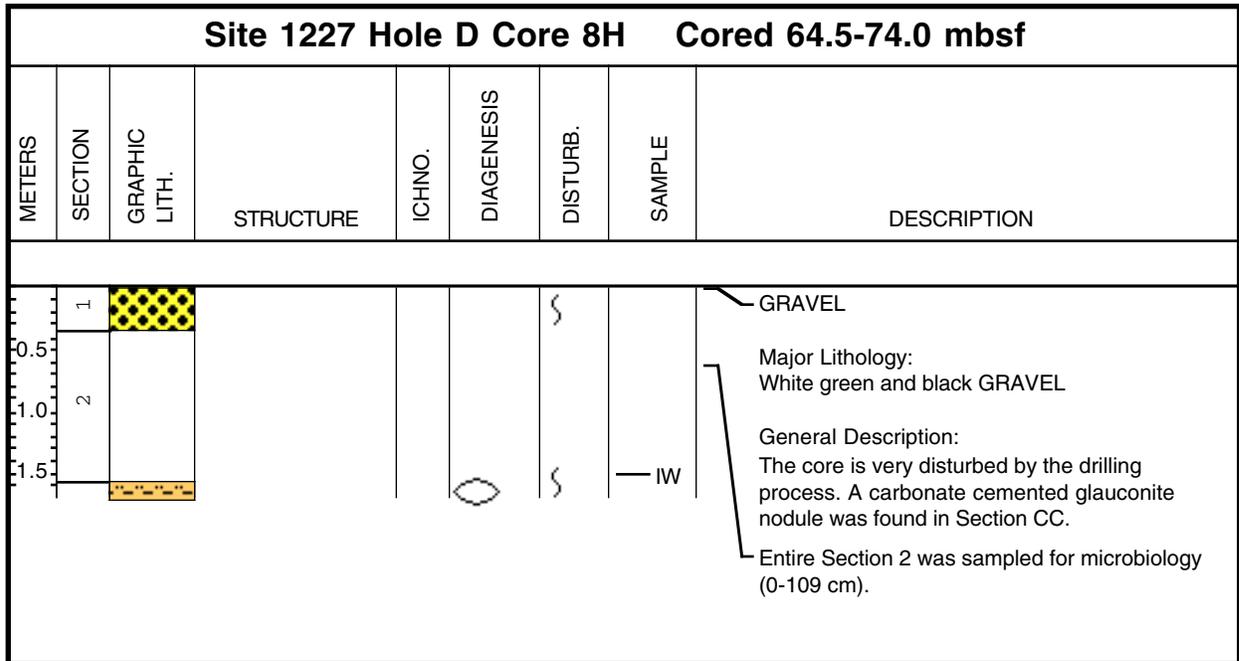
Core Photo



Core Photo

Site 1227 Hole D Core 7H Cored 55.0-64.5 mbsf								
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
								GRAVEL Major Lithology: White, dark green and black gravel.

Core Photo



1227E-1H through 1227E-3 H - Cores were not split on board. They were shipped to the Gulf Coast Repository as complete sections for postcruise sampling.

Core Photo

Site 1227 Hole E Core 4M Cored 25.90-26.90								
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
								Severely drilling disturbed Fugro Pressure core barrel interval.

Sample	Core	CT	Set	Top (cm)	Depth (mbsf)	Lithology	Texture			Mineral														Biogenic										Rock					Comments
							Sand	Silt	Clay	Barite (17)	Carbonate (35)	Clay Mineral (47)	Dolomite (62)	Feldspar (71)	Glauconite (82)	Mica (118)	Opaques (140)	Plagioclase (159)	Pyrite (169)	Quartz (172)	Bivalves (23)	Diatoms (58)	Foraminifers (78)	Nannofossils (132)	Radiolarians (173)	Silicoflagellates (189)	Sponge Spicules (199)	Clay Size Particles (255)	Lithoclast (107)	Organic Debris/Matter (142)	Silt (191)	Volcanic Glass Shard (246)							
Hole A																																							
1	H	2	22	1.72	D		80	20			20					1		1	1											30	Clay- and Silt-rich Foraminifer Ooze								
1	H	2	24	1.74	M		95	5			5	1		1	1				1													Clay-bearing Diatom Ooze							
1	H	2	33	1.83	D		80	20			20			1																	30	Clay- and Silt-rich Diatom Ooze							
1	H	4	63	5.13	D	4	92	4			4				1	2	1	1													72	Diatom-bearing Foraminifer-rich Silt							
2	H	3	116	9.76	D		90	10			10					1	3														76	Clay- and Diatom-rich Silt							
2	H	4	110	11.20	D		90	10			10		*															1			83	Clay-rich Silt							
3	H	1	60	15.70	D		91	9			9					1	4	2									4				65	Clay-bearing Diatom-rich Nannofossil Ooze							
3	H	1	116	16.26	M	70	26	4		2	4						5	3	4										9	69	Plagioclase- and Silt-bearing Volcanic Ash								
3	H	3	36	18.46	D		91	9			9								1													61	Clay-bearing Diatom-rich Silt						
3	H	6	86	23.46	M		1	99							*	*									95								Diatom-bearing Clay						
4	H	1	90	25.50	D		95	5			10					*	*															78	Diatom-rich Silt						
4	H	4	67	29.67	M		5	95			3				1	*									91								Diatom-bearing Clay						
5	H	6	110	42.70	D		5	95			*			5		*		10	*														85	Glauconite-bearing Pyrite-rich Silt					
6	H	3	20	46.80	D	10	70	20		*	5	*	*					7	*														88	Pyrite-bearing Silt					
6	H	3	120	47.80	D		2	98			64	1	*	*	*	*	*																		Pyrite-bearing Diatom-rich Clay				
6	H	3	120	47.80	D		20	80					90		*	*	*	*	*																Pyrite-bearing Diatom-rich Clay				
6	H	3	130	47.90	D		80	20		82	15				*	*	*	*	*																Silt				
6	H	3	135	47.95	D		20	80			5				*	*	*	*	*											65	30	Clay-bearing volcanic glass-rich Carbonate Ooze							
7	H	1	41	53.51	D						5		*		*	*	*																		Clay-bearing Nannofossil-rich Diatom Ooze				
7	H	1	92	54.02	D						5				*	*																			Clay-bearing Diatom Ooze				
7	H	3	48	56.58	D						5		*		*	*	*																			Clay- and Nannofossil-bearing Diatom Ooze			
9	H	4	15	76.75	D		90	10			8				4	4																				Clay- and Nannofossil-rich Diatom Ooze			
9	H	4	71	77.31	D		90	10			9					3																				Clay-bearing Diatom Ooze			
9	H	4	72	77.32	D		70	30			30				4	1	4																			Nannofossil-bearing Clay-Diatom Ooze			
10	H	3	39	84.99	M		90	10			10				5	1			*	9	*	20						*		51	4				Diatom-bearing Nannofossil-rich Ooze				
11	H	3	118	95.28	M		99	1							5				1																94	Plagioclase-bearing Volcanic Ash			
14	H	2	70	121.80	D											*	*																			Nannofossil-rich Diatom-Ooze			
17	H	1	68	132.78	D						8								5																	Pyrite- and Clay-bearing Nannofossil-rich Diatom Ooze			
Hole B																																							
1	H	1	39	0.39	D							1	10						*																Silt- and Clay-rich Diatom Ooze				
1	H	3	132	4.32	M							*							*																	Foraminifer-bearing Nannofossil-rich Diatom Ooze			
Hole D																																							
1	H	2	100	2.50	D		10	90								5	*		*																	Diatom Ooze			
1	H	3	116	4.16	M										*	*																				Diatom Ooze			
2	H	1	137	8.87	M		5	95		*	5	*			*	*																				Clay-bearing Diatom Ooze			
2	H	6	129	16.29	M										5																					75	Diatom-rich Volcanic Glass		
3	H	2	50	19.00	M		90	10			9		25		10	1			25																	28	Clay-bearing Pyrite-rich Quartz and Glauconite Silt		
3	H	2	52	19.02	D		90	10			10								15																	66	Diatom-bearing Clay- and Pyrite-rich Silt		
4	H	2	41	28.41	D		85	15			15								10									*								59	Pyrite- Diatom- and Clay-rich Silt		
4	H	5	102	33.52	M		30	70	70	9						20																					Carbonate-bearing Pyrite-rich Barite Clay		
5	H	3	90	39.90	D		80	20							10	*																					Foraminifer-rich Clayey Silt		
5	H	4	95	41.45	M				90						10																						Barite Silt		
6	H	2	30	47.30	D		90	10											1	20																67	Glauconite-bearing Pyrite-rich Clayey Silt		
6	H	3	19	48.69	M				50																												45	Pyrite-bearing Barite Silt	