

Core Photo

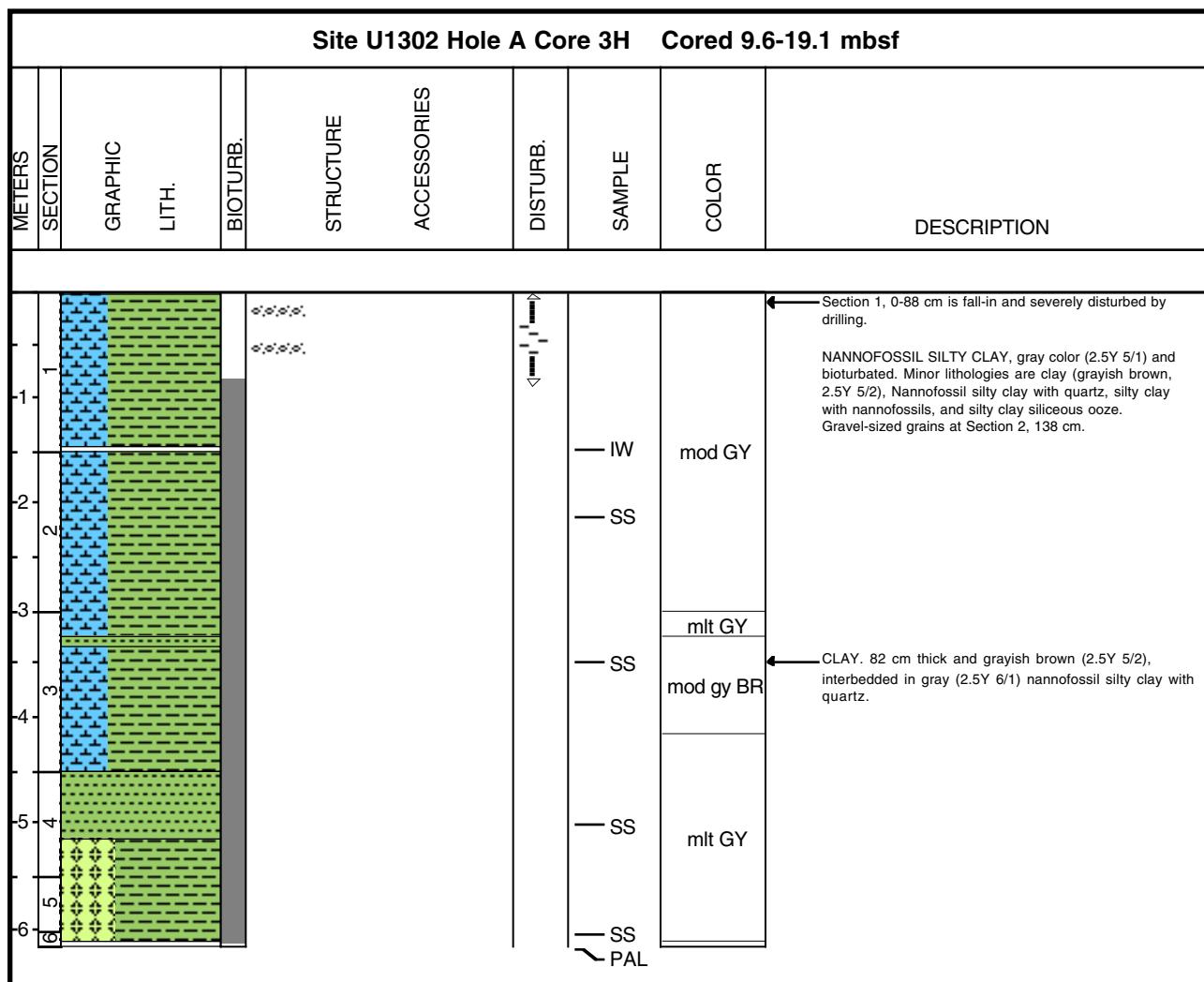
Site U1302 Hole A Core 1H Cored 0.0-0.1 mbsf										
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DISTURB.	SAMPLE	COLOR	DESCRIPTION
0.00	0.00	*****					SS	PAL		SILTY CLAY WITH NANNOFOSSILS, dark gray (2.5Y 4/1) and very highly disturbed. Interval contains at least 3 large indurated clasts (up to 2 cm long and 0.5 cm thick), composed of dark gray micaceous siltstone or metasiltstone. Interval from 4-5 cm taken as micropaleontology sample.

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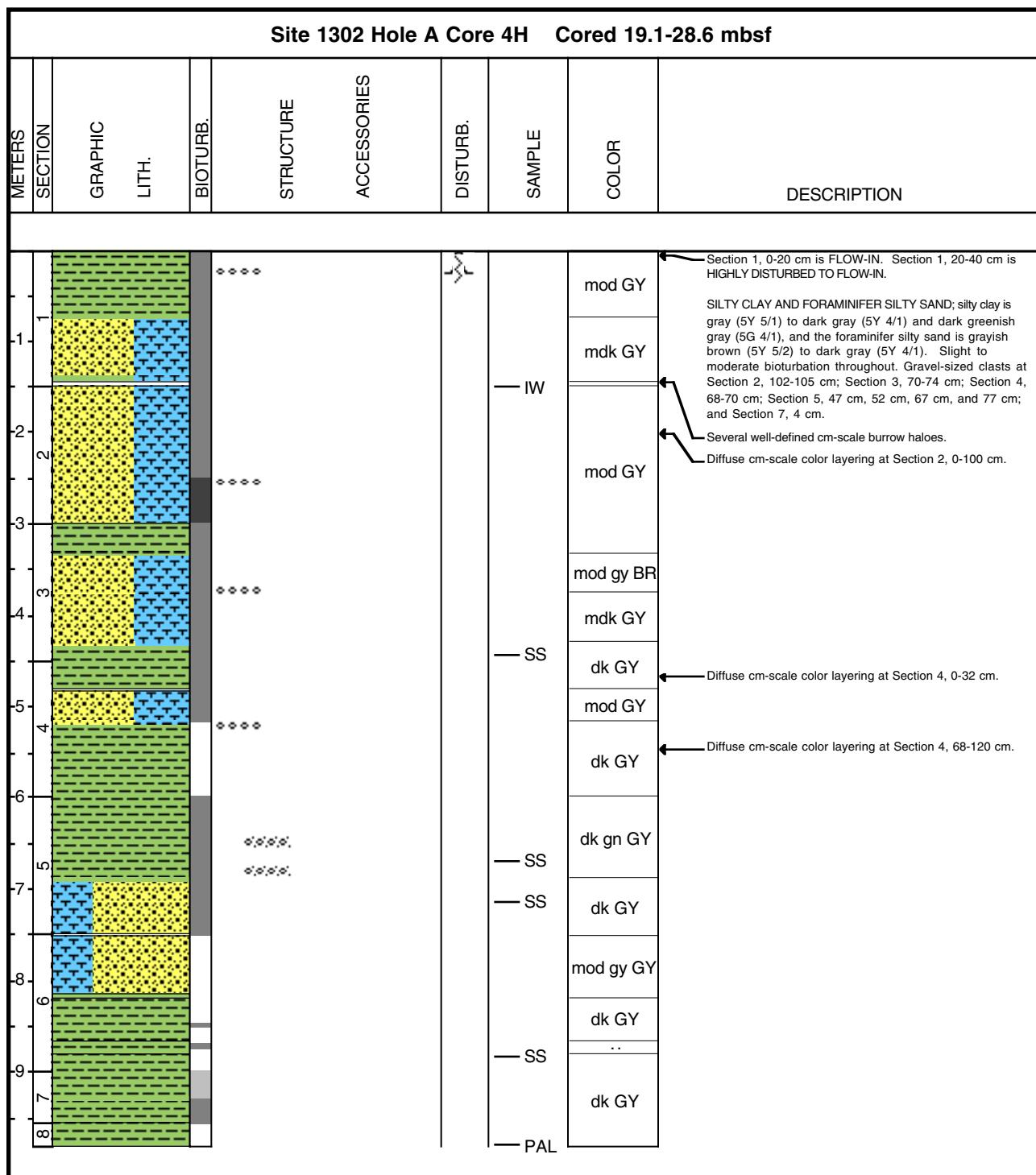
Site U1302 Hole A Core 2H Cored 0.1-9.6 mbsf

METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DISTURB.	SAMPLE	COLOR	DESCRIPTION
1									GY	SILTY CLAY and minor silty clay with radiolarians, predominantly gray (2.5Y 5/1 and 2.5Y 6/1), but with minor intervals of light gray (2.5Y 7/1) and grayish brown (7.5YR 5/2). Slight to moderate bioturbation throughout. Gravel-sized clasts at Section 7, 50 cm and 55-57 cm.
1-2									..	
2									GY	
2-3									..	
3									GY	
3-4									GY	
4									GY	
4-5									mt GY	
5									GY	
5-6									..	
6									It GY	Section 4, 140-142 cm: layer of clayey foraminifer ooze with quartz silt.
6-7									It gy BR	
7									mod BR	
7-8									mtl GY	Sharp color change downcore, from gray (2.5Y 6/1) to light gray (2.5Y 7/1) and gradual transition to grayish brown and brown (7.5YR 5/2). Burrowing intensity decreases below Section 6, 18 cm.
8									..	
8-9									PAL	Sharp contact between brown and light gray (2.5Y 6/1) silty clay. Two layers with dropstones at 50 cm and at 55-57 cm.
9										
9-10										
10										

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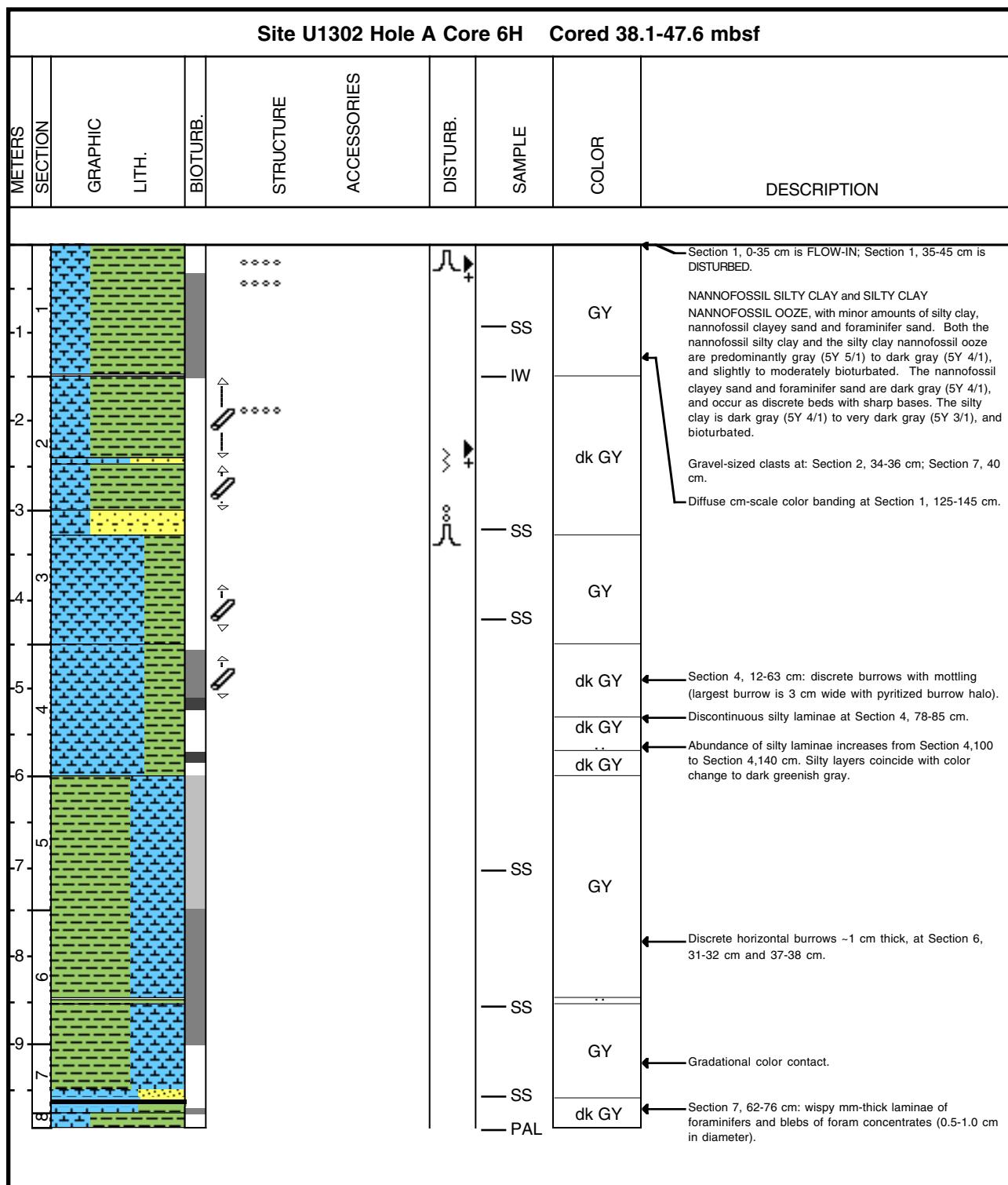


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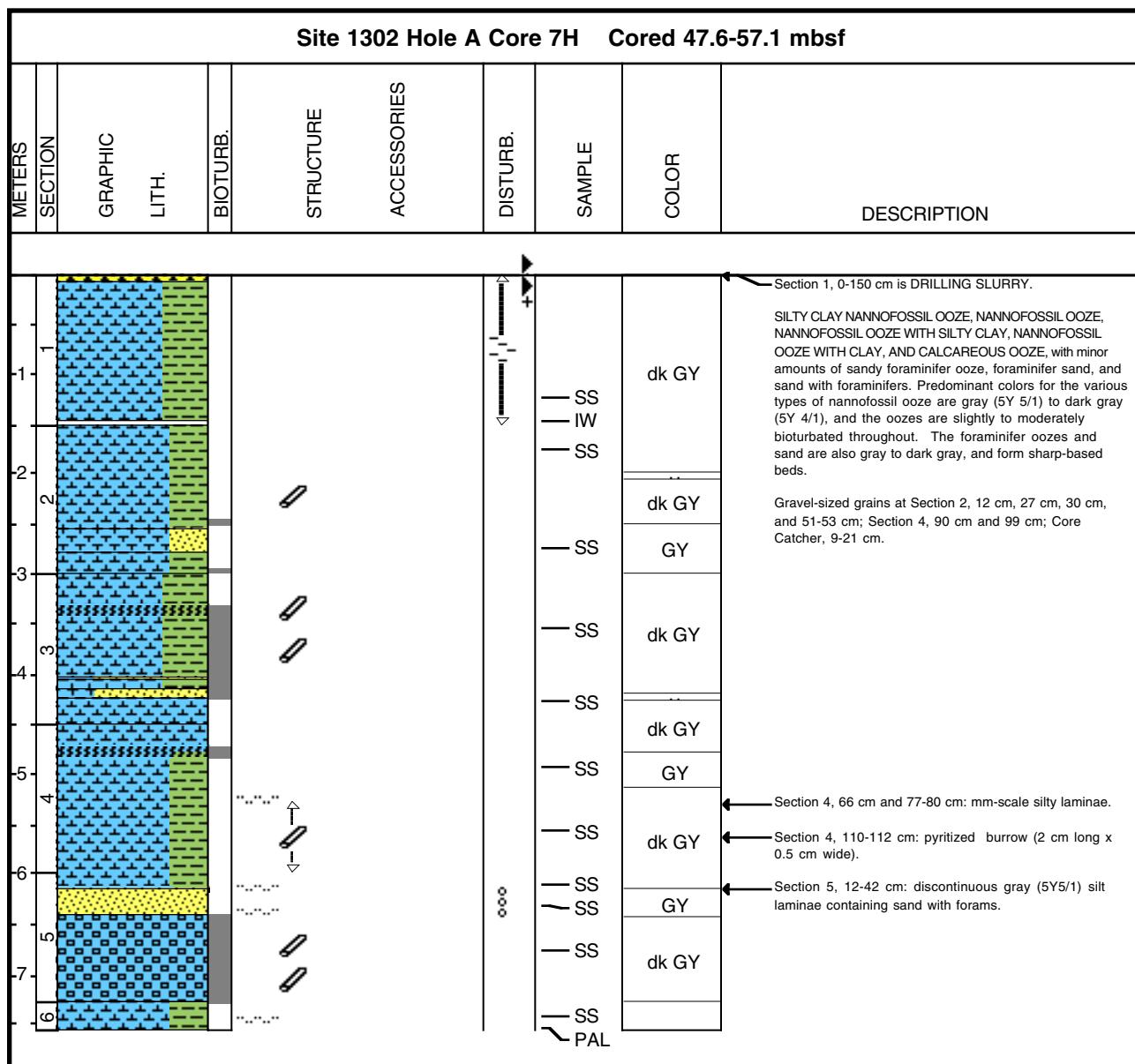
Site 1302 Hole A Core 5H Cored 28.6-38.1 mbsf												
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES						
					DISTURB.	SAMPLE						
						COLOR	DESCRIPTION					
							Recovered 2 cm. All was used as paleontology sample.					



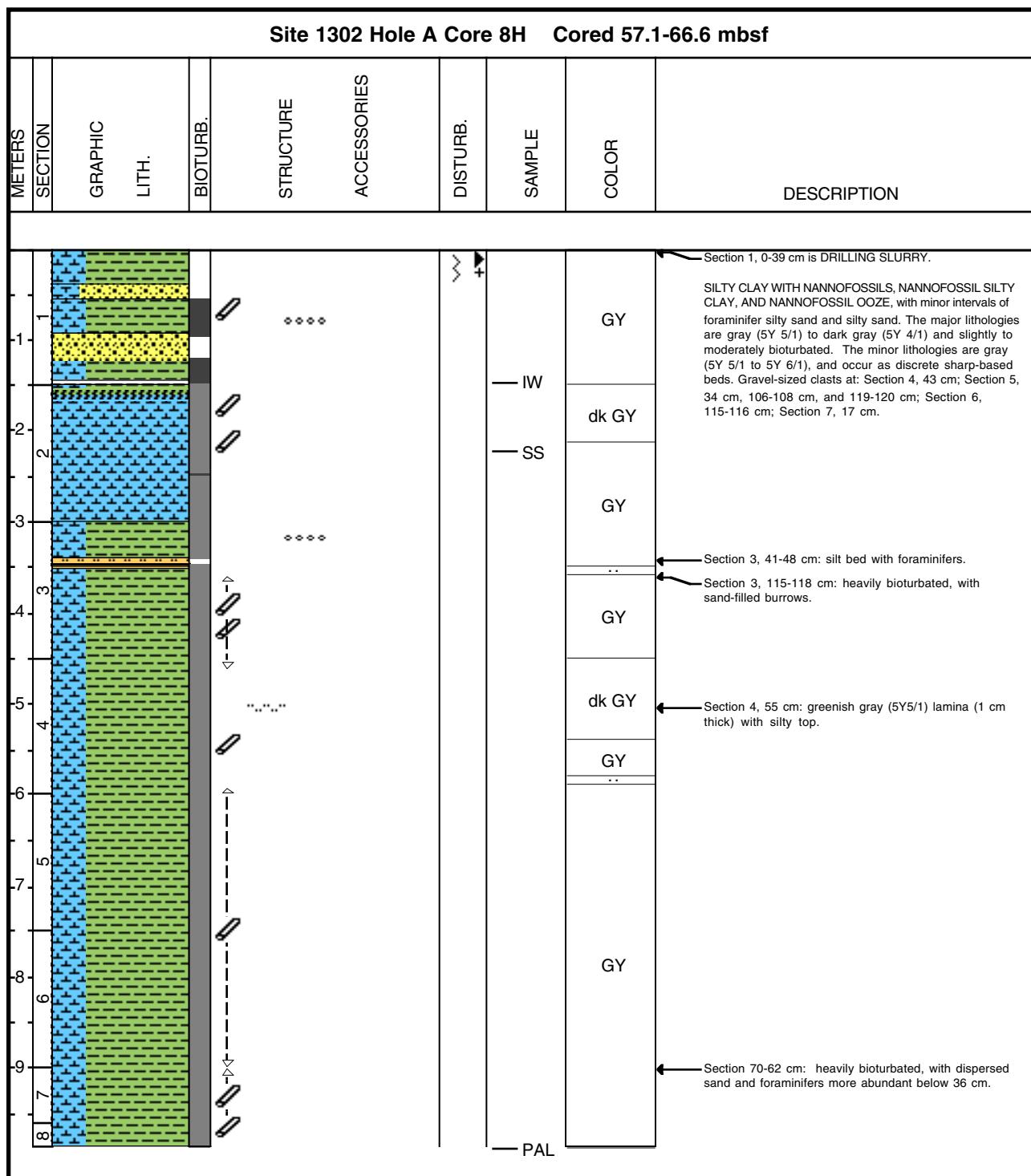
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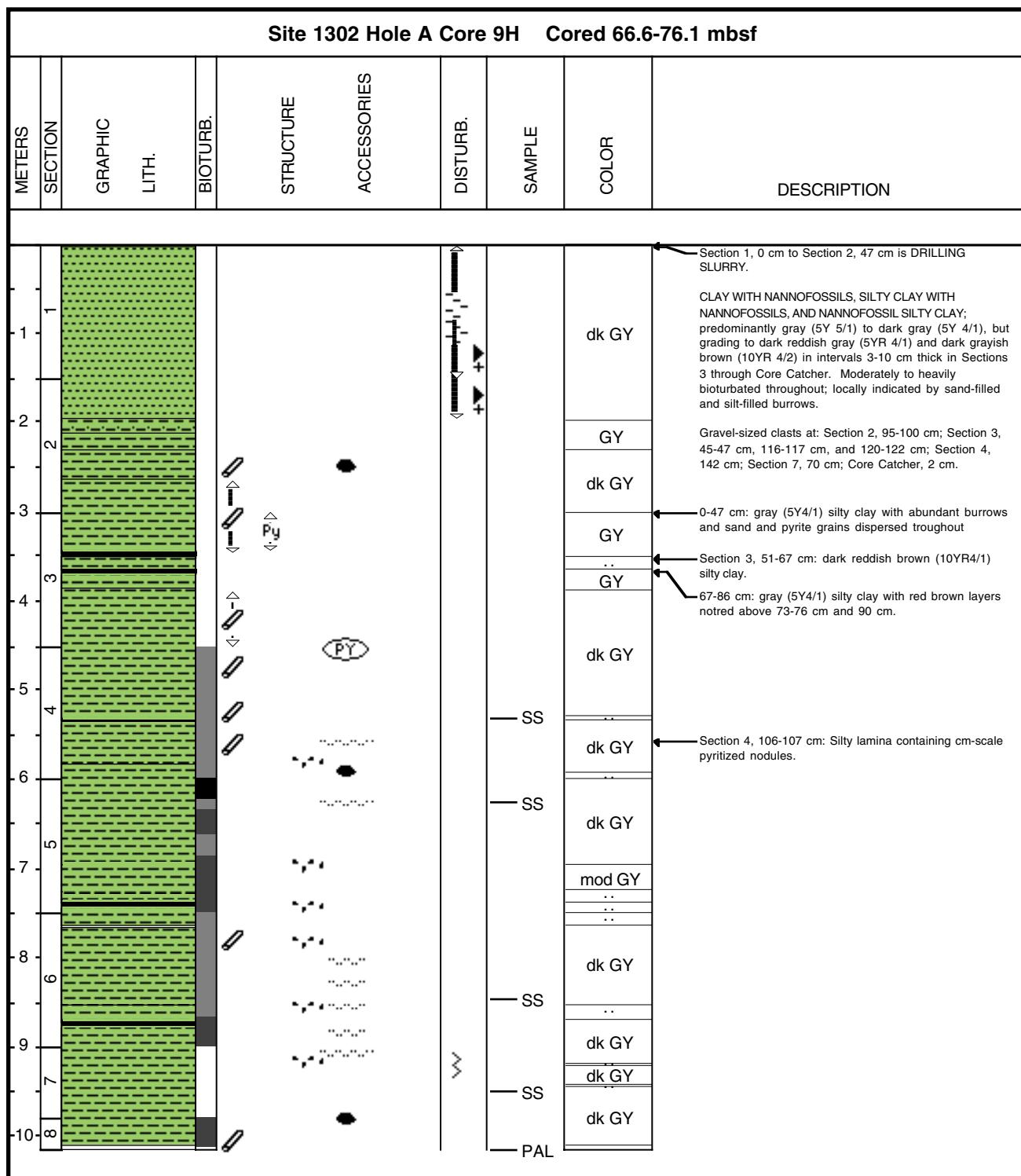
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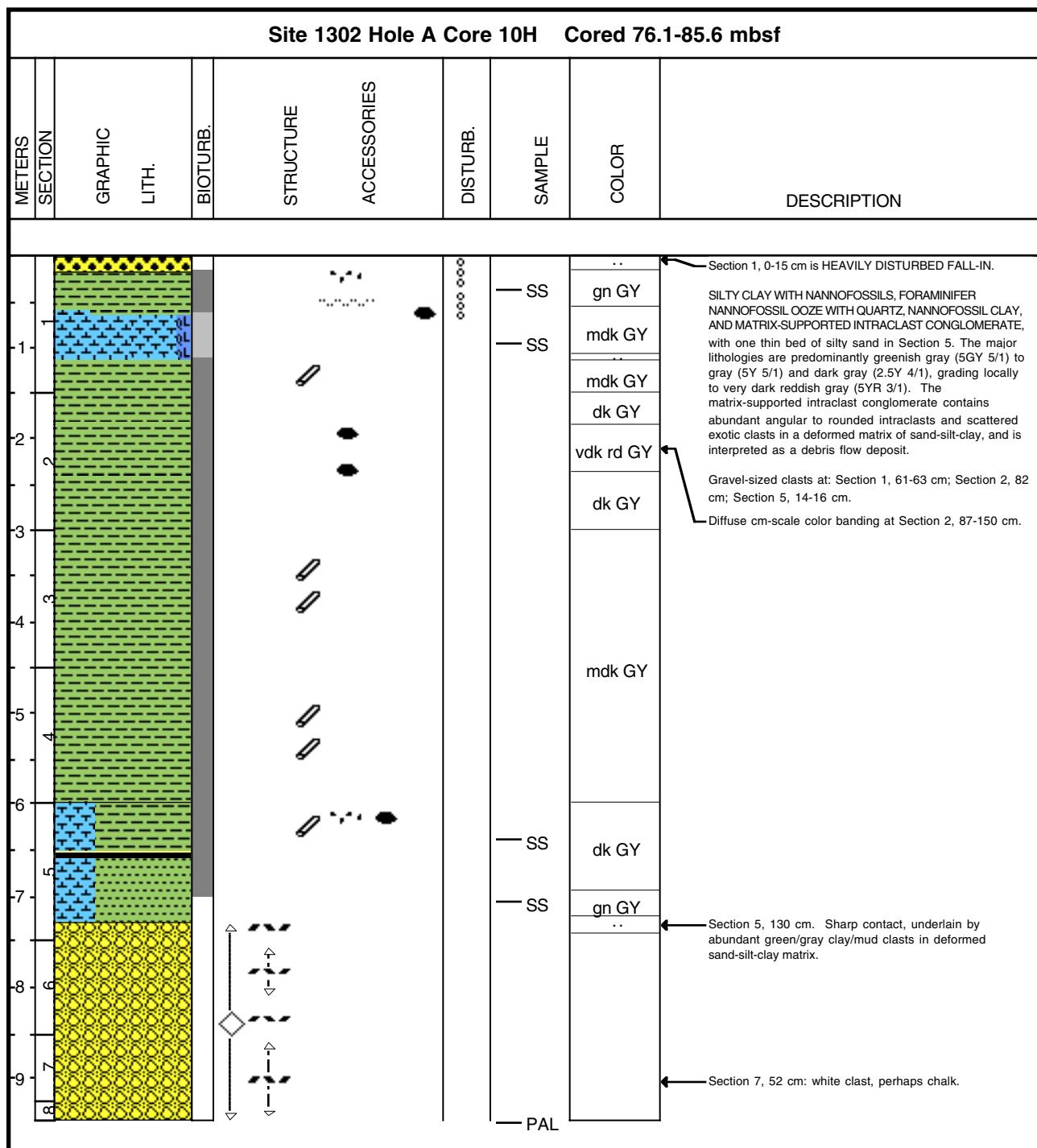
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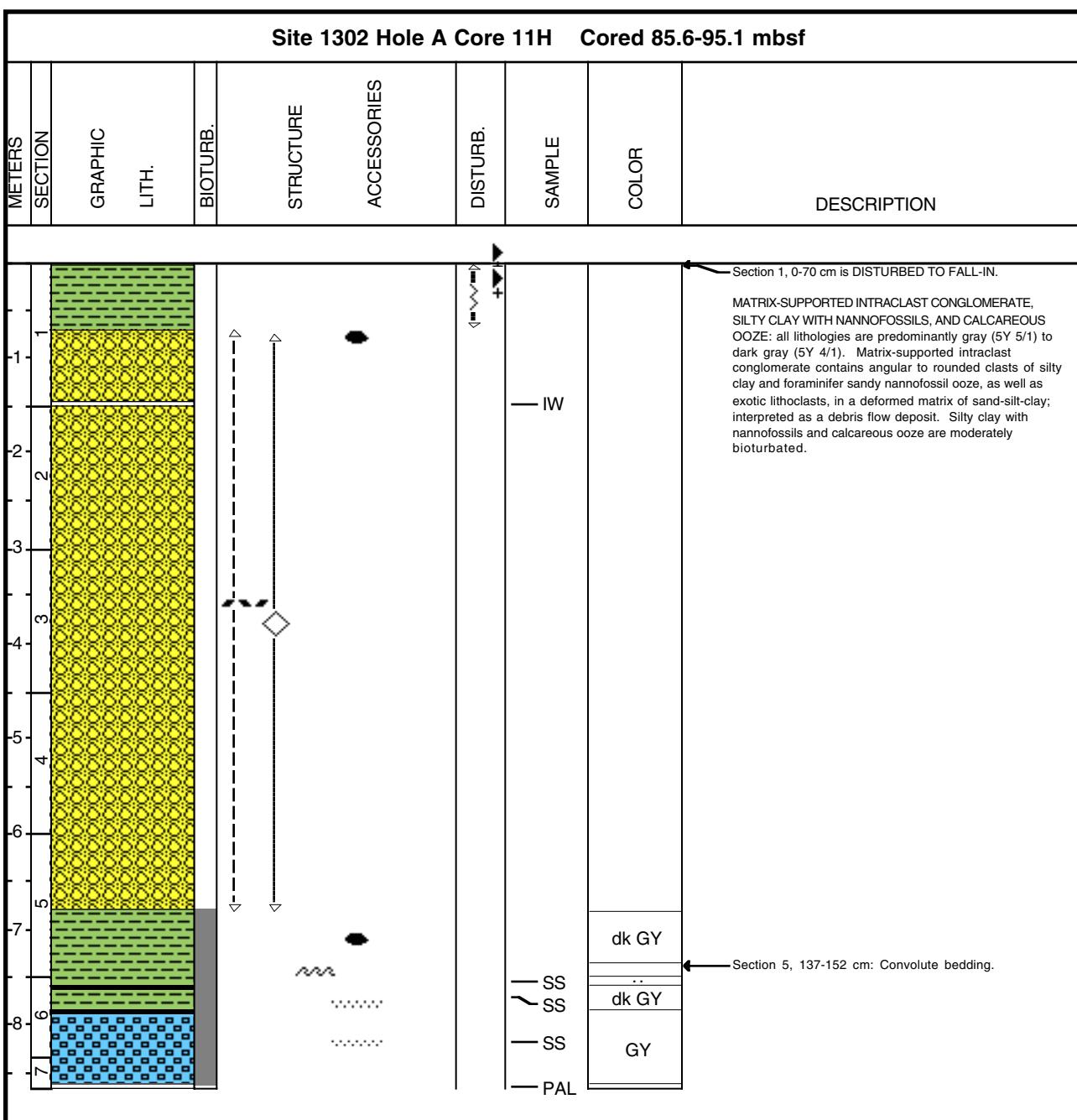


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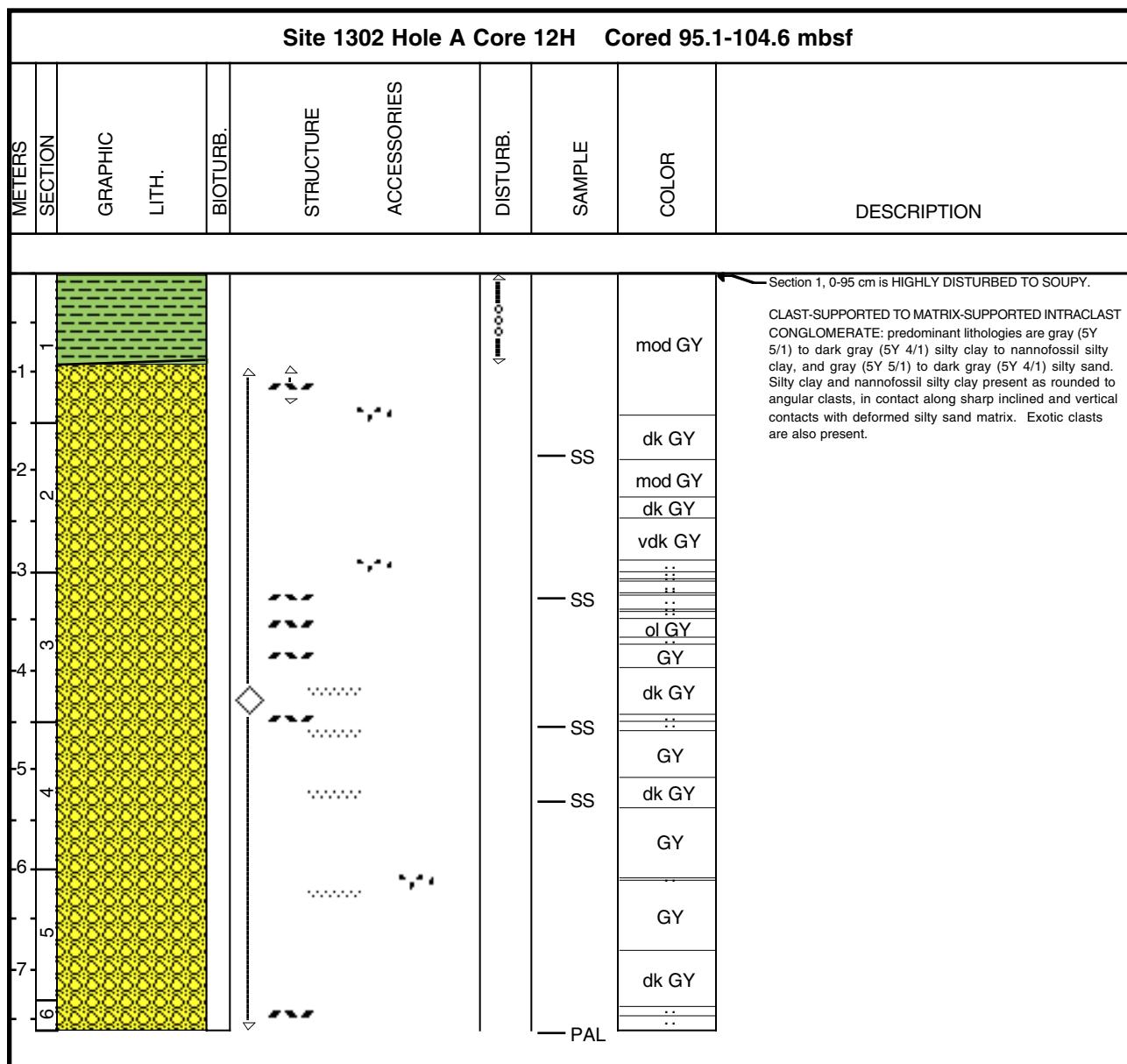


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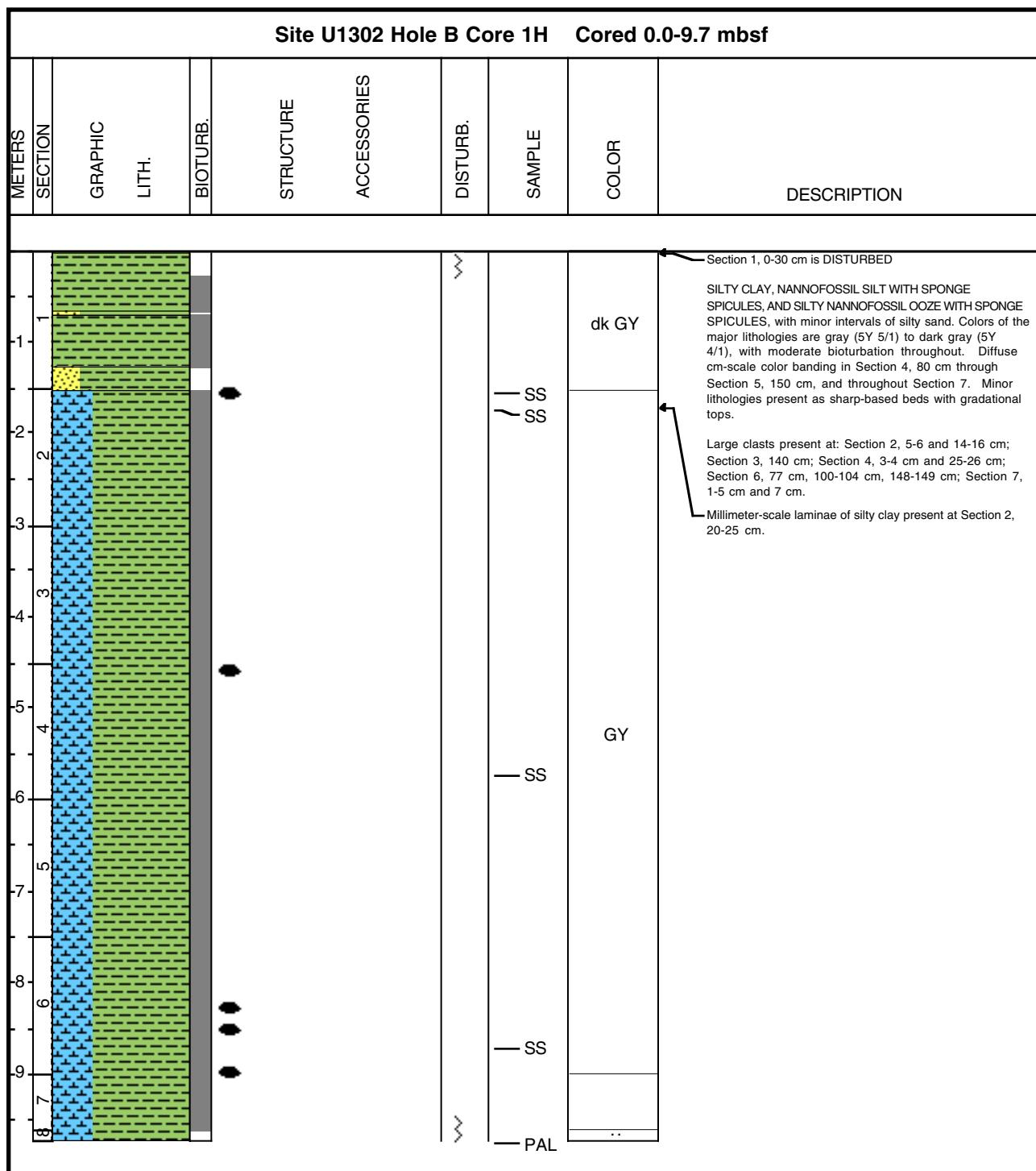
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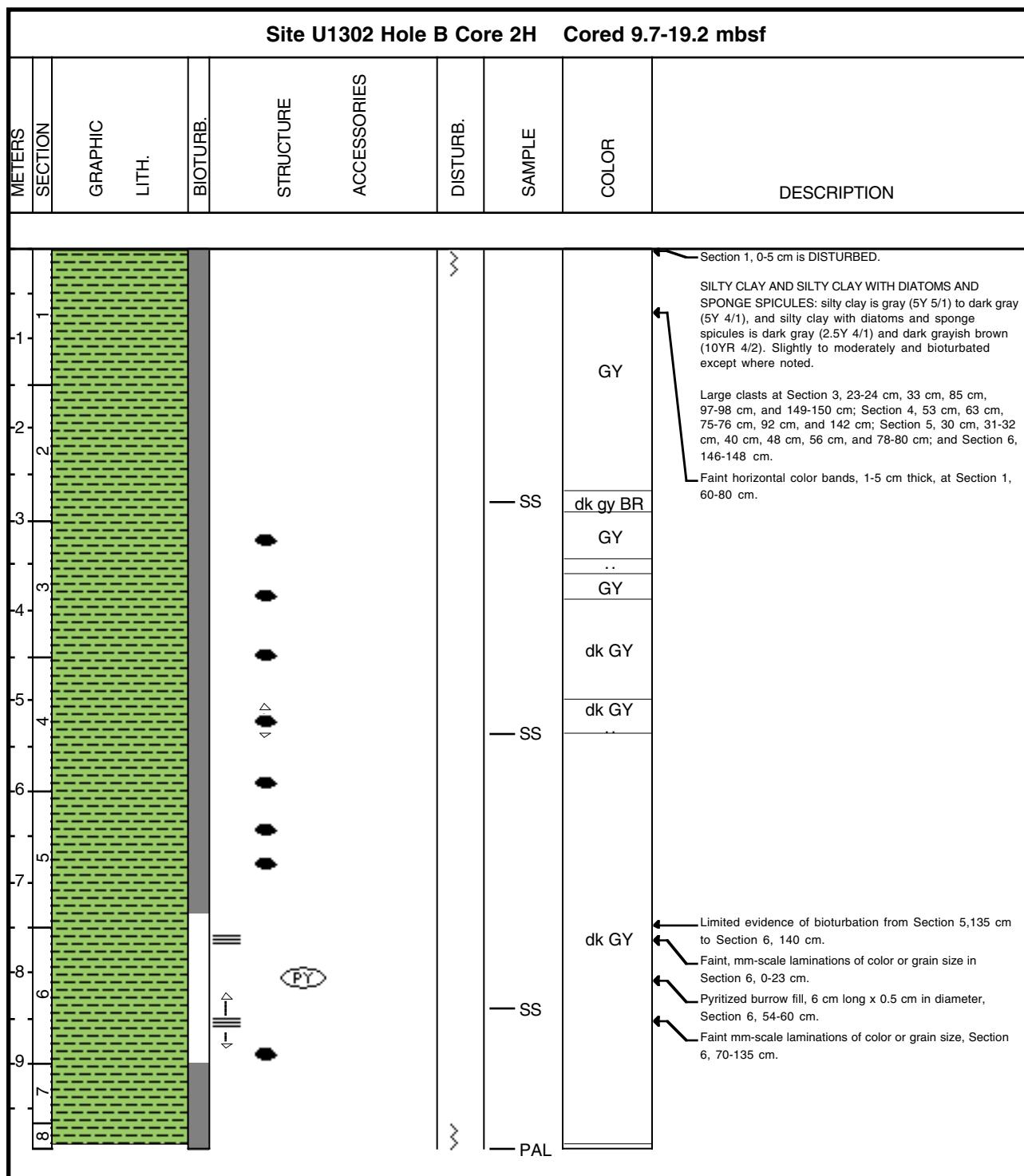
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Site 1302 Hole A Core 13H Cored 104.6-107.1 mbsf									
METERS SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DISTURB.	SAMPLE	COLOR	DESCRIPTION
									Section 1, 0-7 cm is DISTURBED. CLAST-SUPPORTED TO MATRIX-SUPPORTED INTRACLAST CONGLOMERATE: predominant lithologies are gray (5Y 5/1) to dark gray (5Y 4/1) silty clay to nannofossil ooze, and gray (5Y 5/1) to dark gray (5Y 4/1) silty sand. Silty clay to nannofossil ooze present as rounded to angular clasts, in contact along sharp inclined and vertical contacts with deformed silty sand matrix. Exotic clasts are also present.

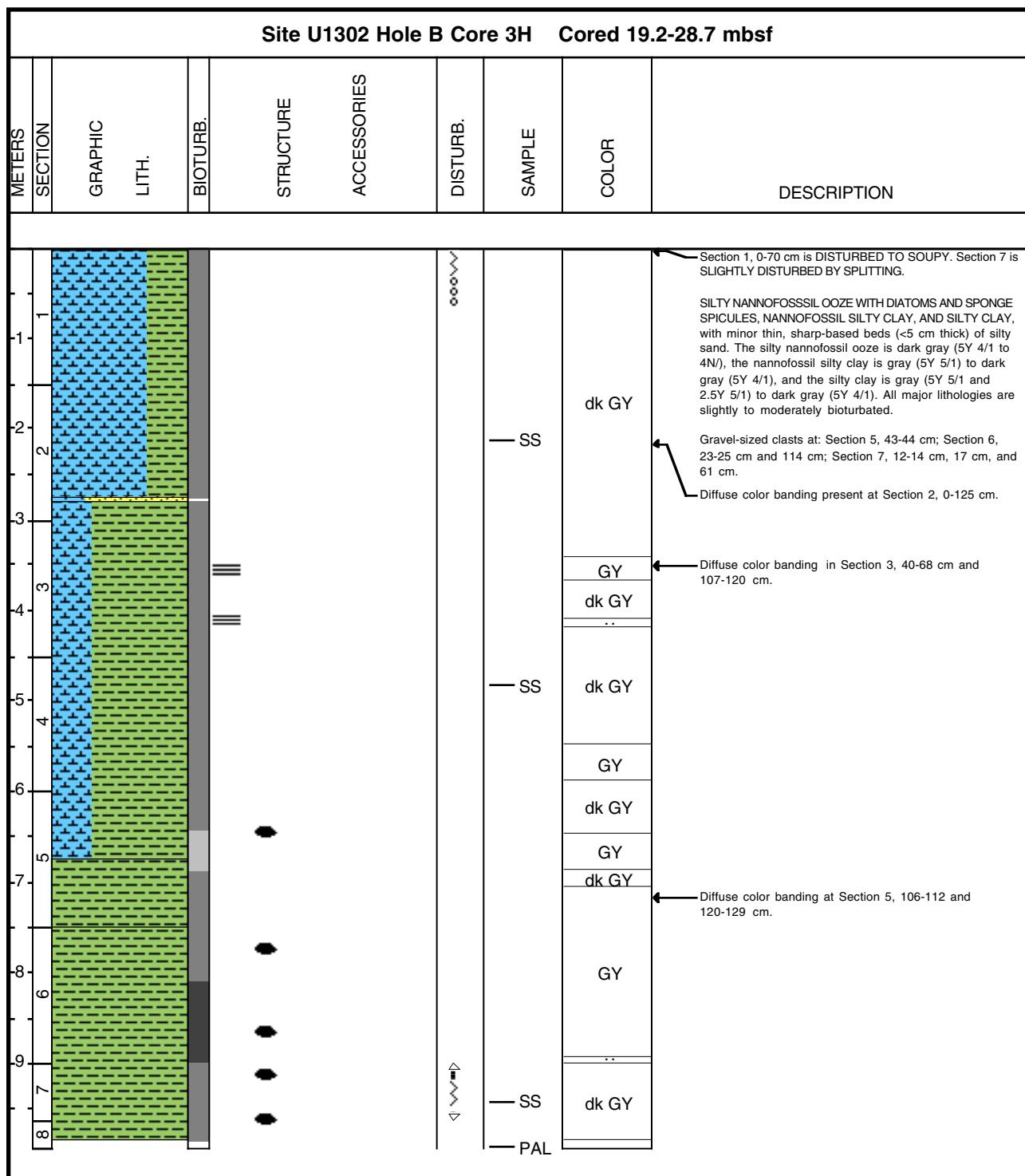
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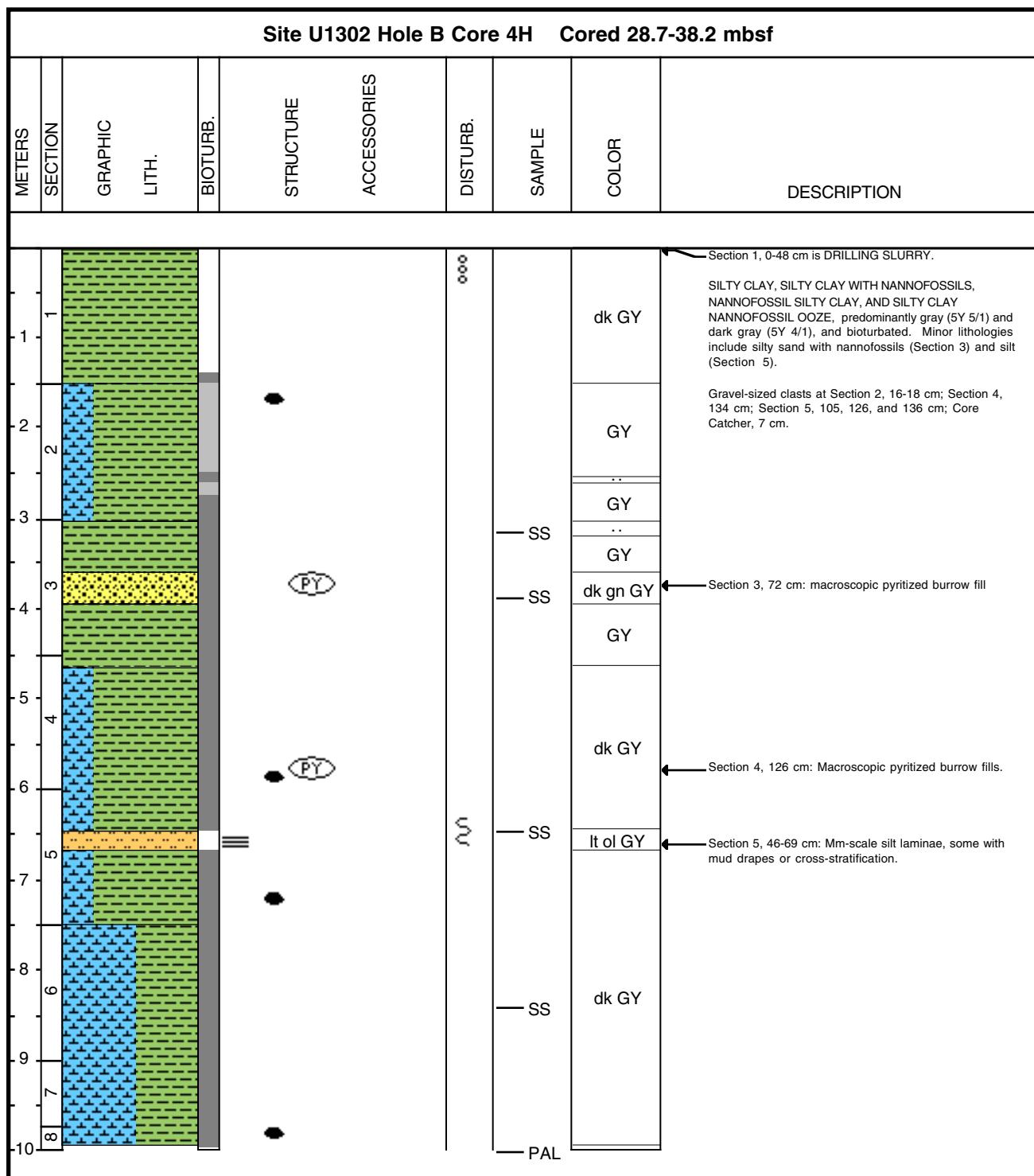


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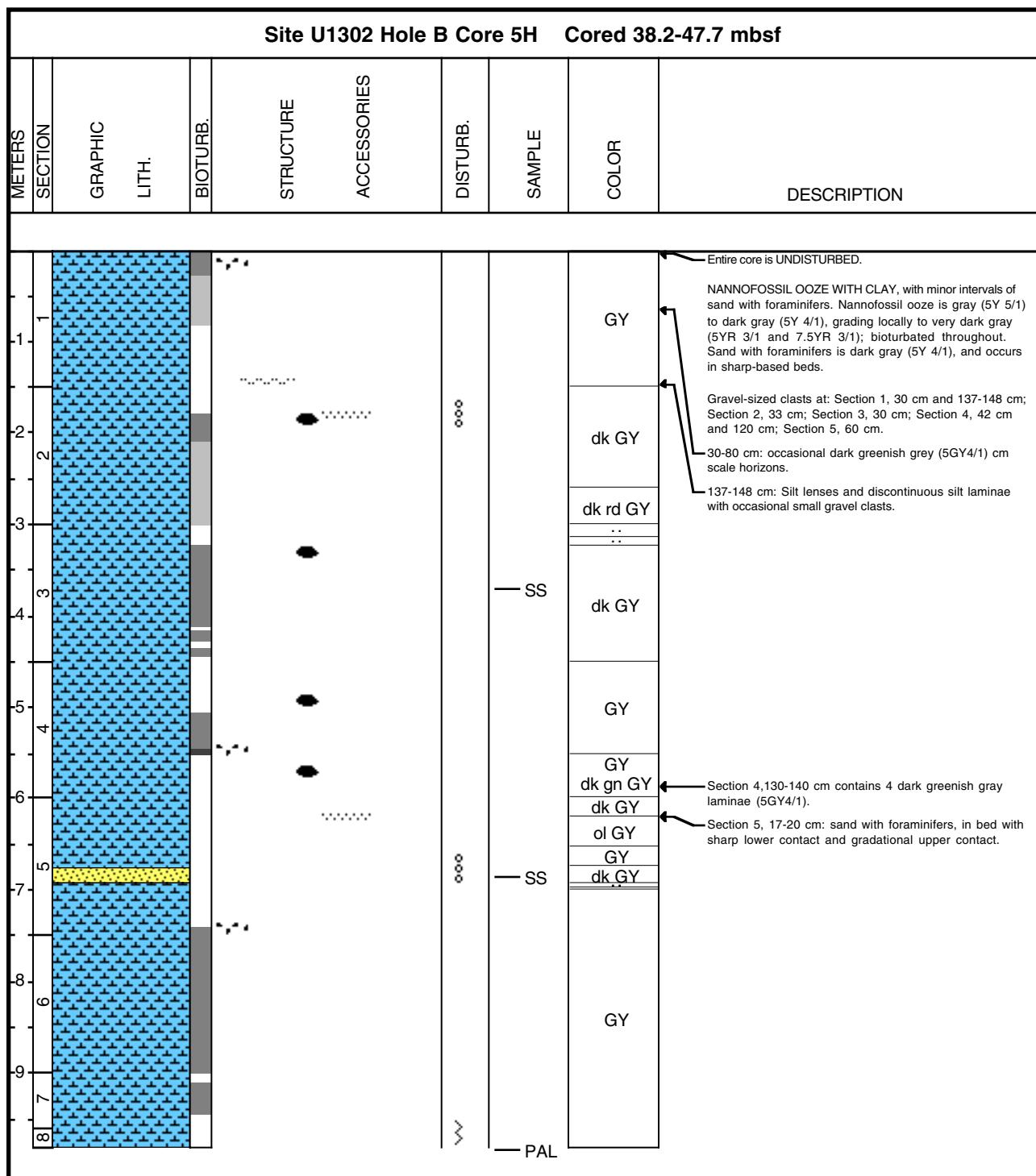


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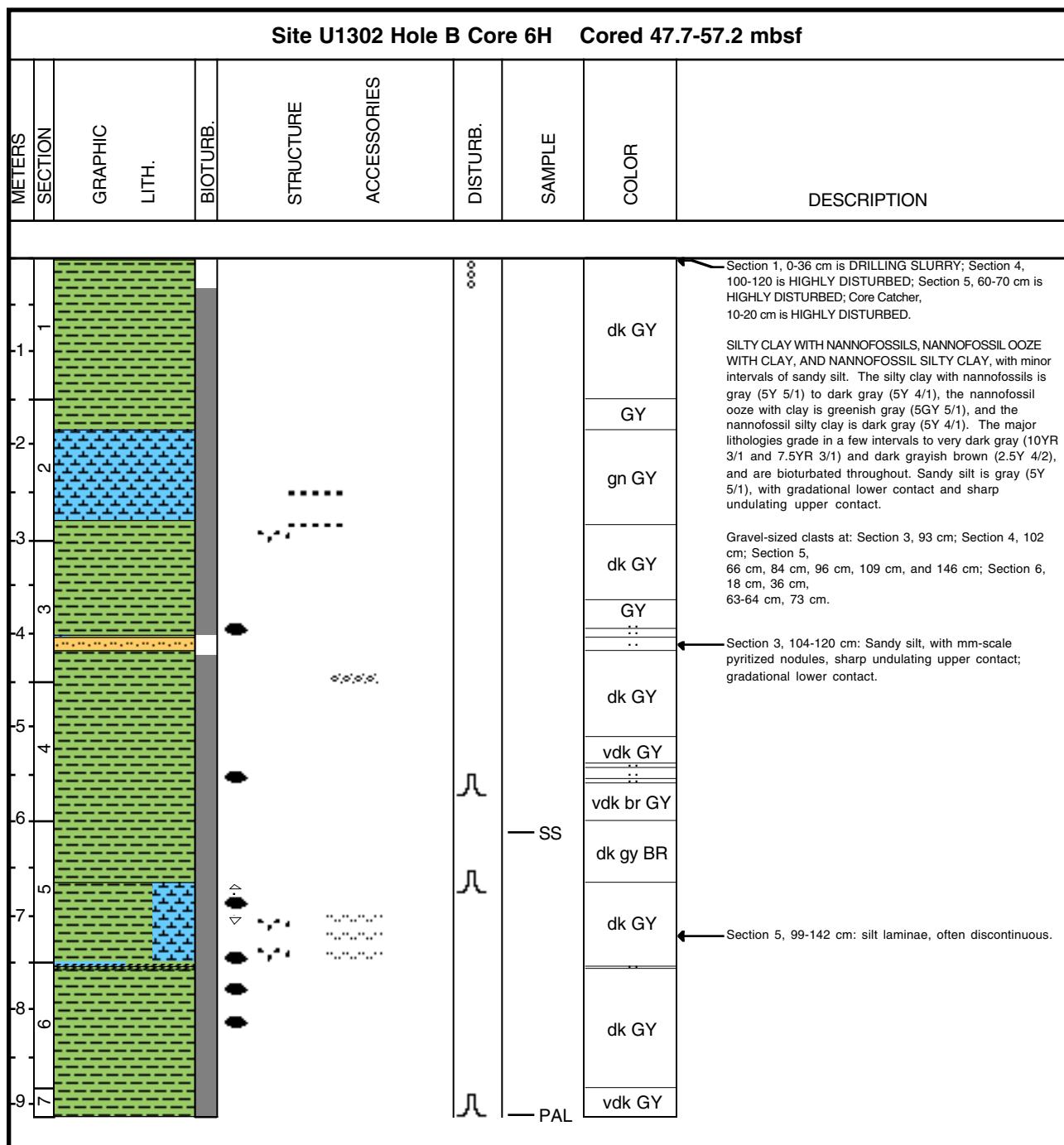


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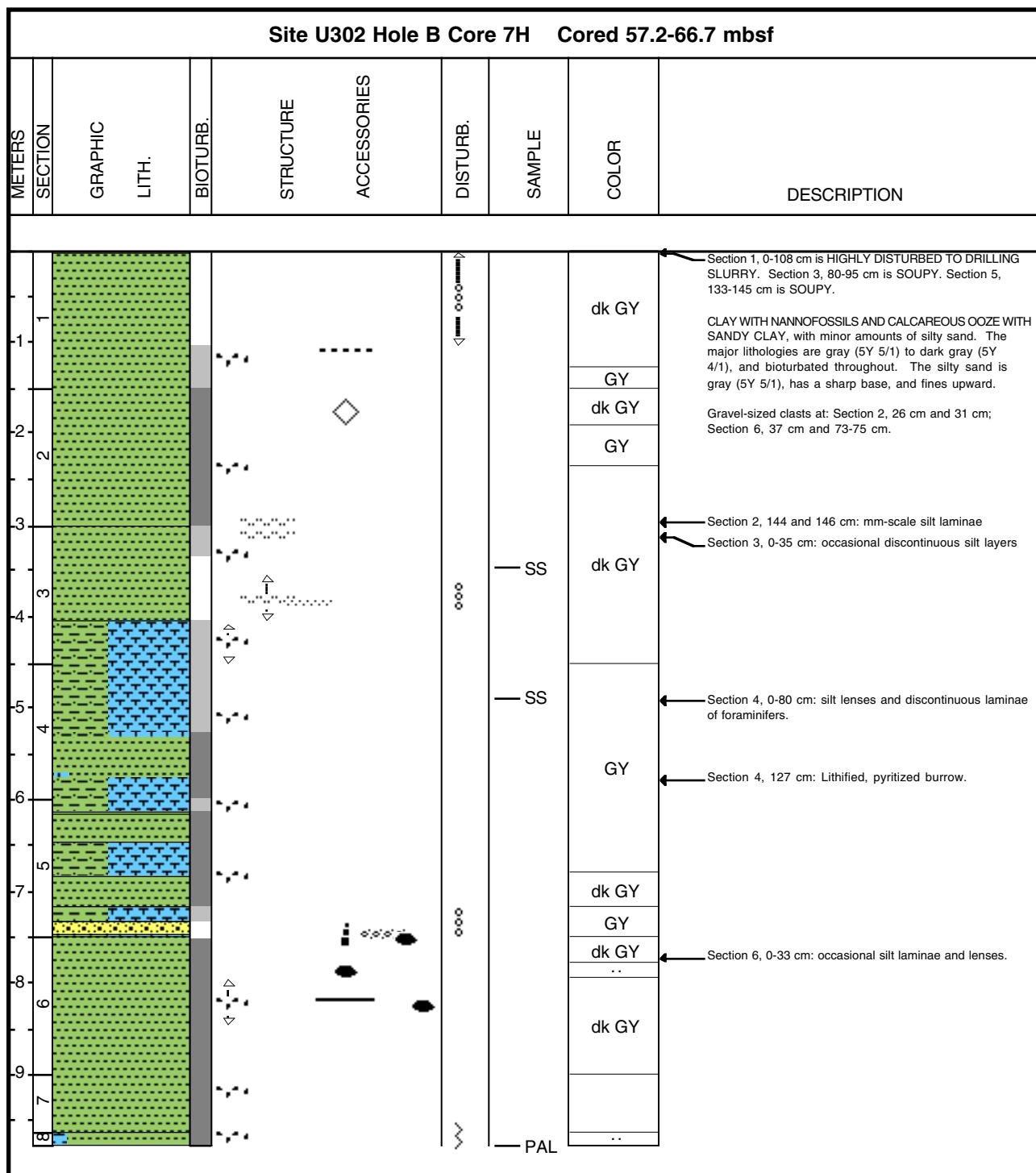
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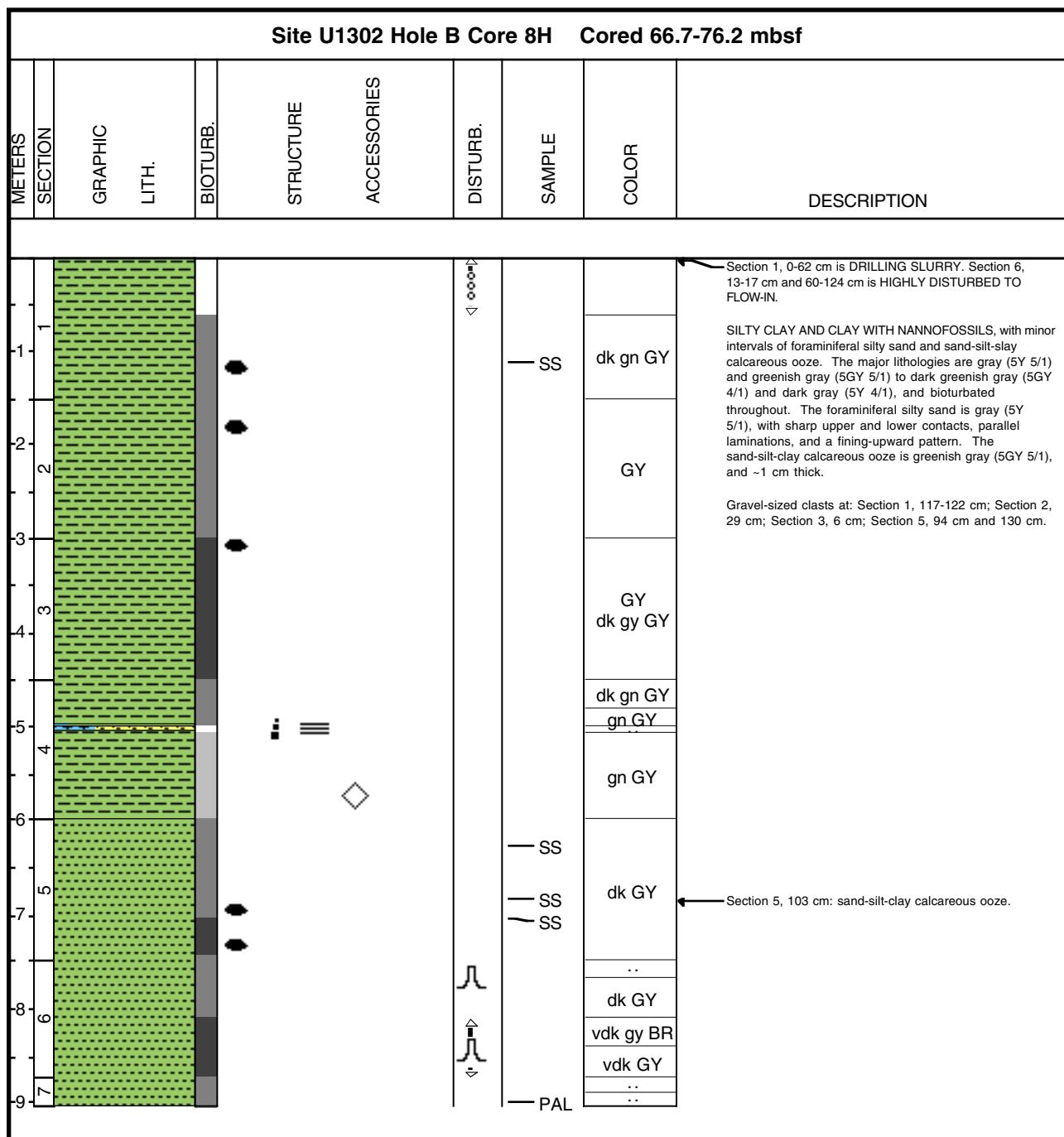
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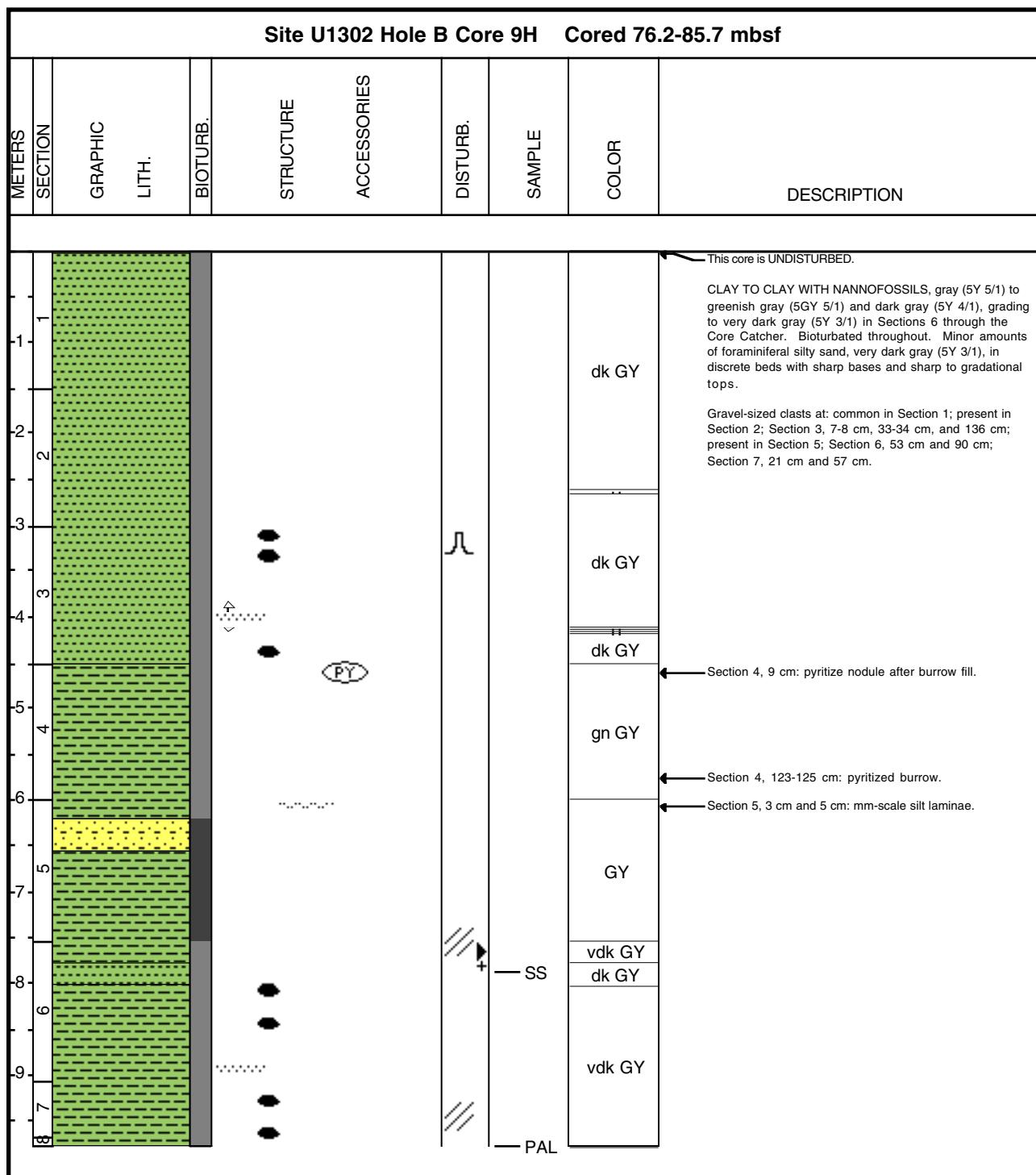
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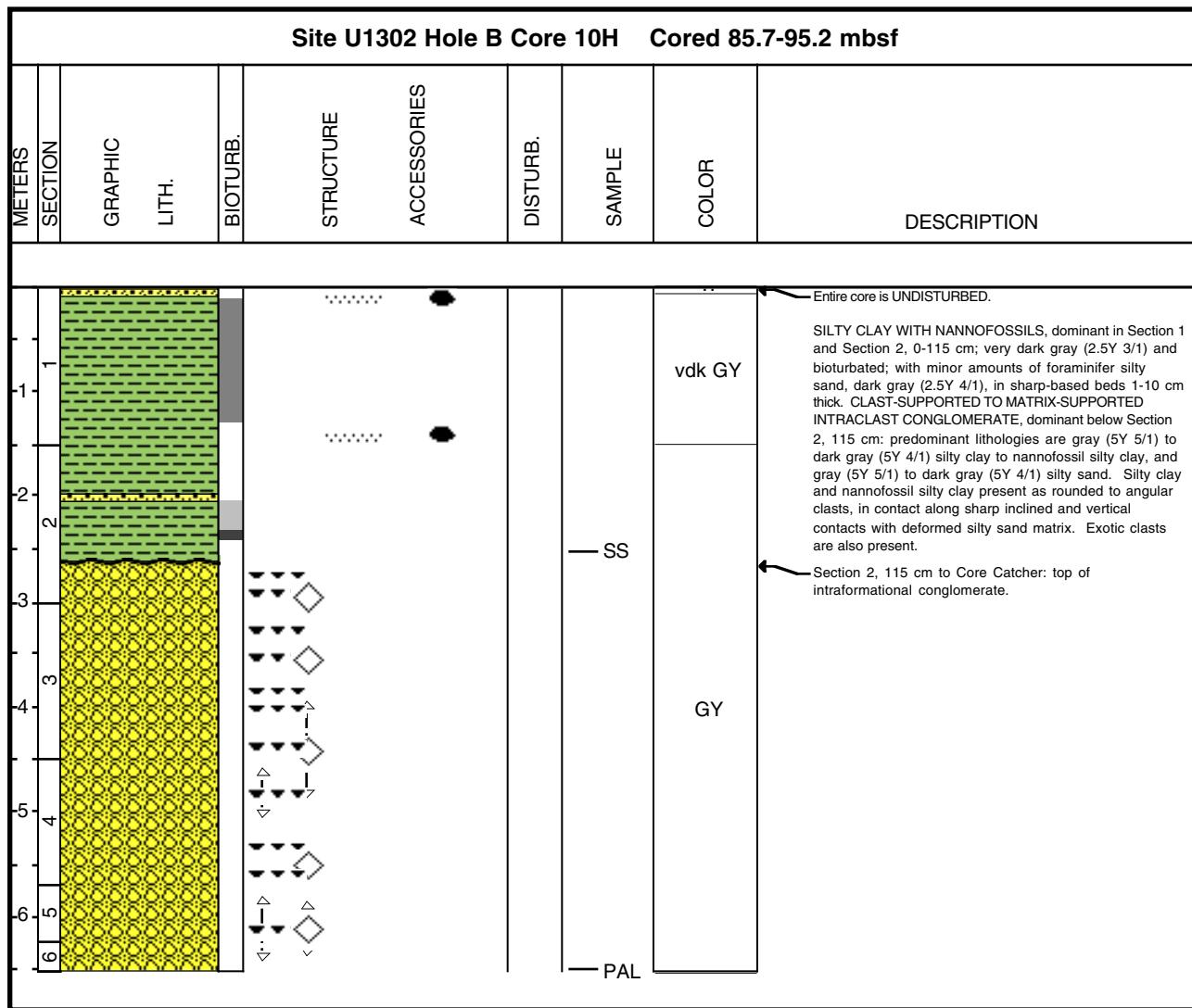
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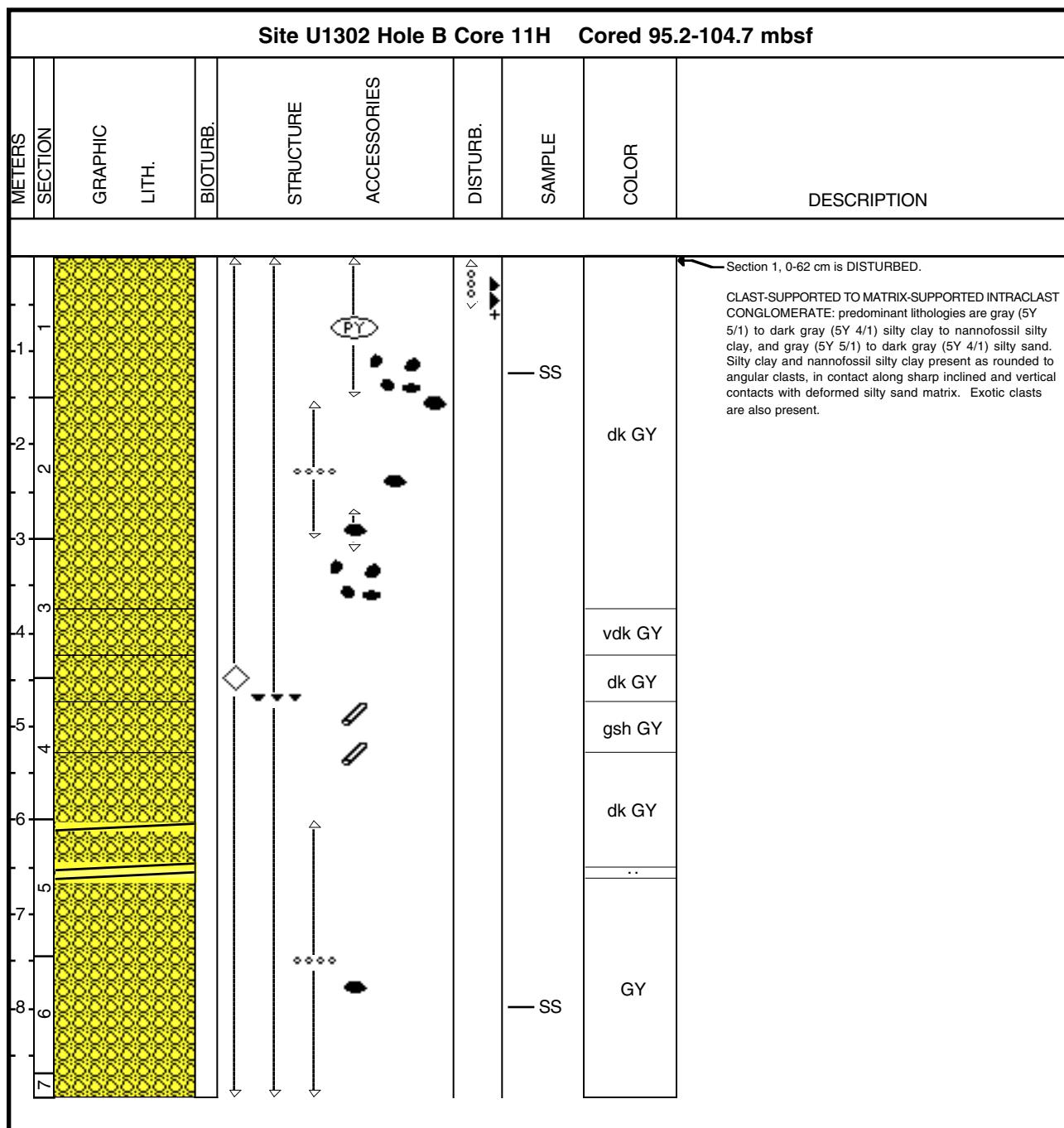
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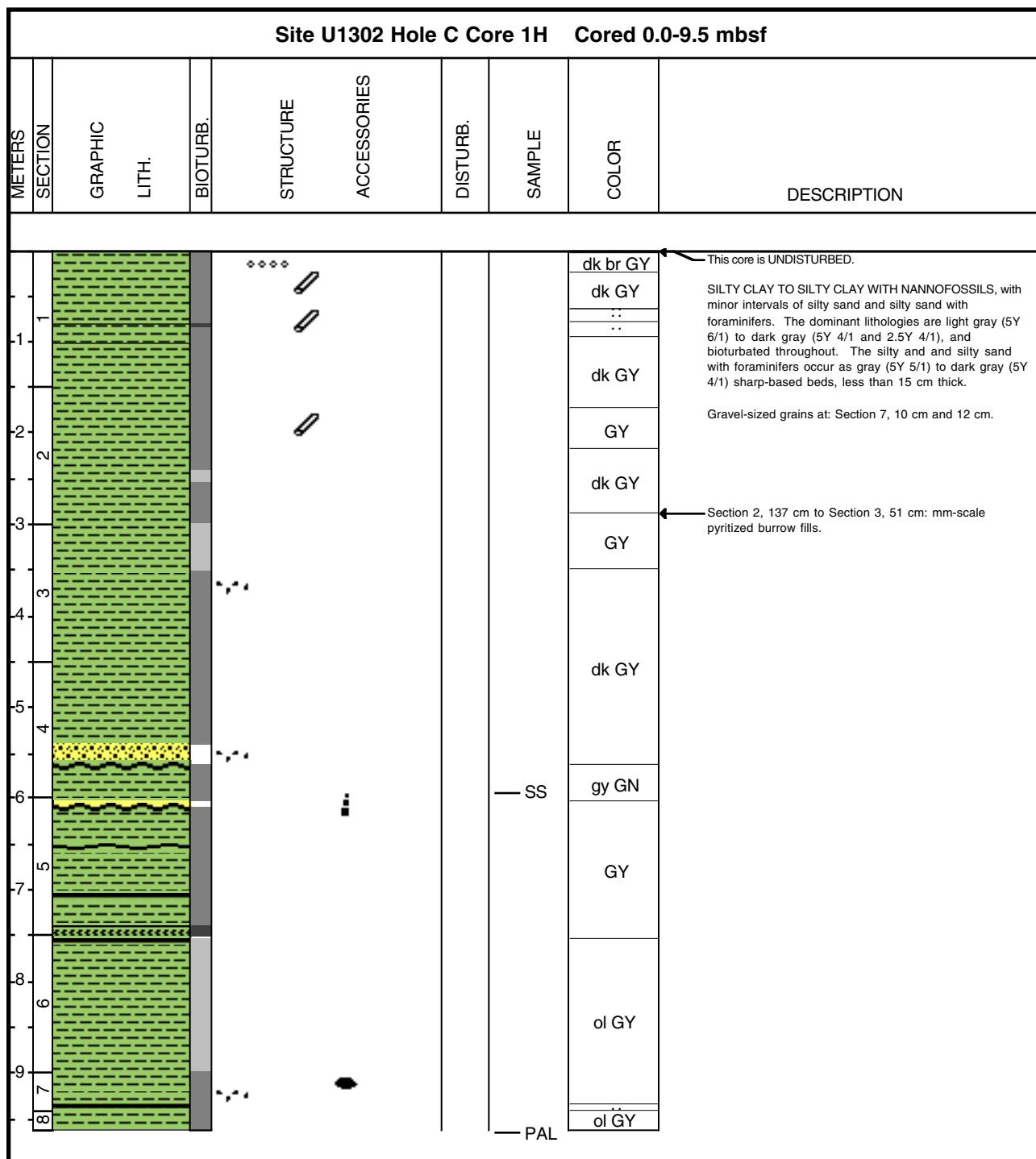
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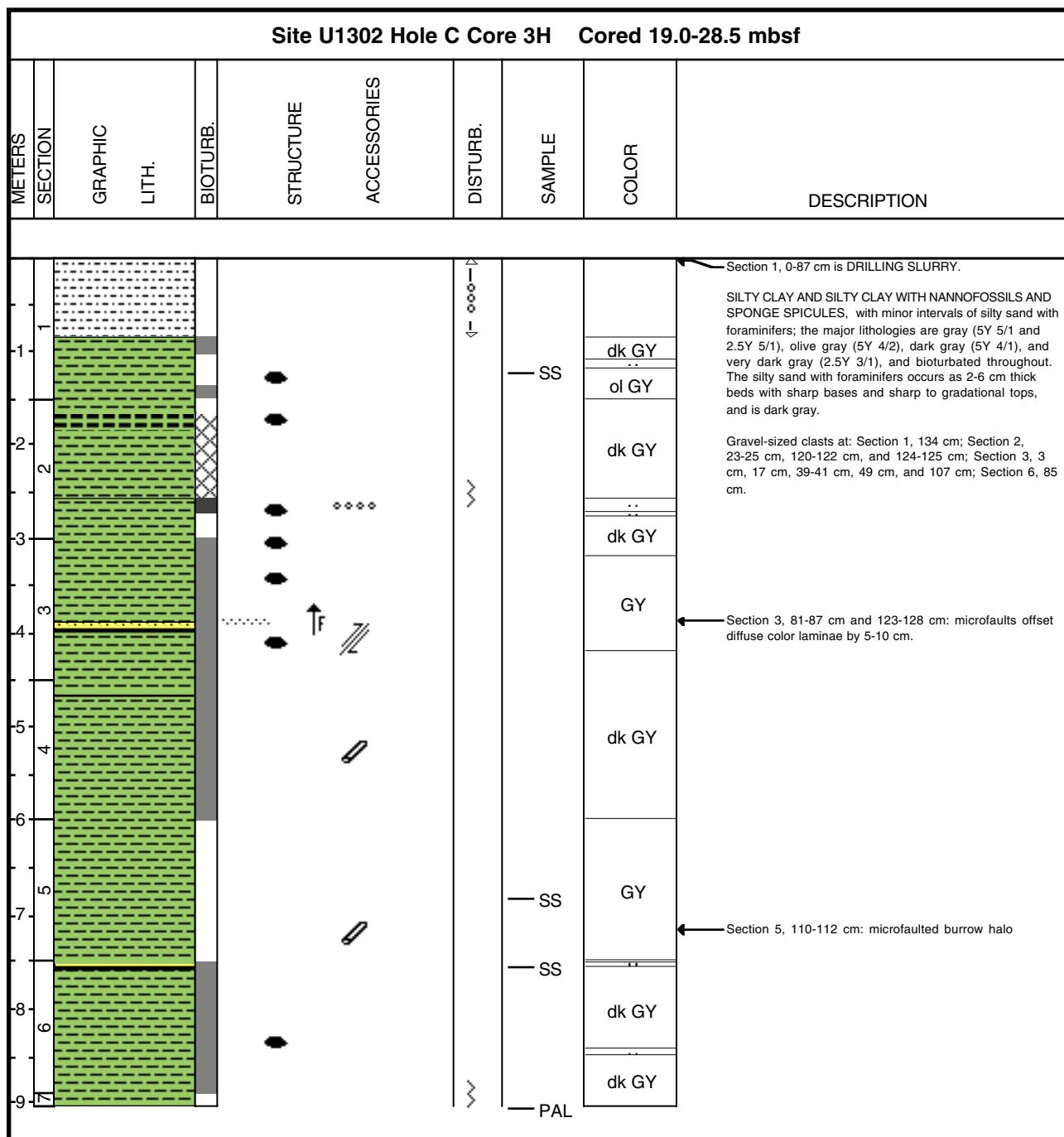


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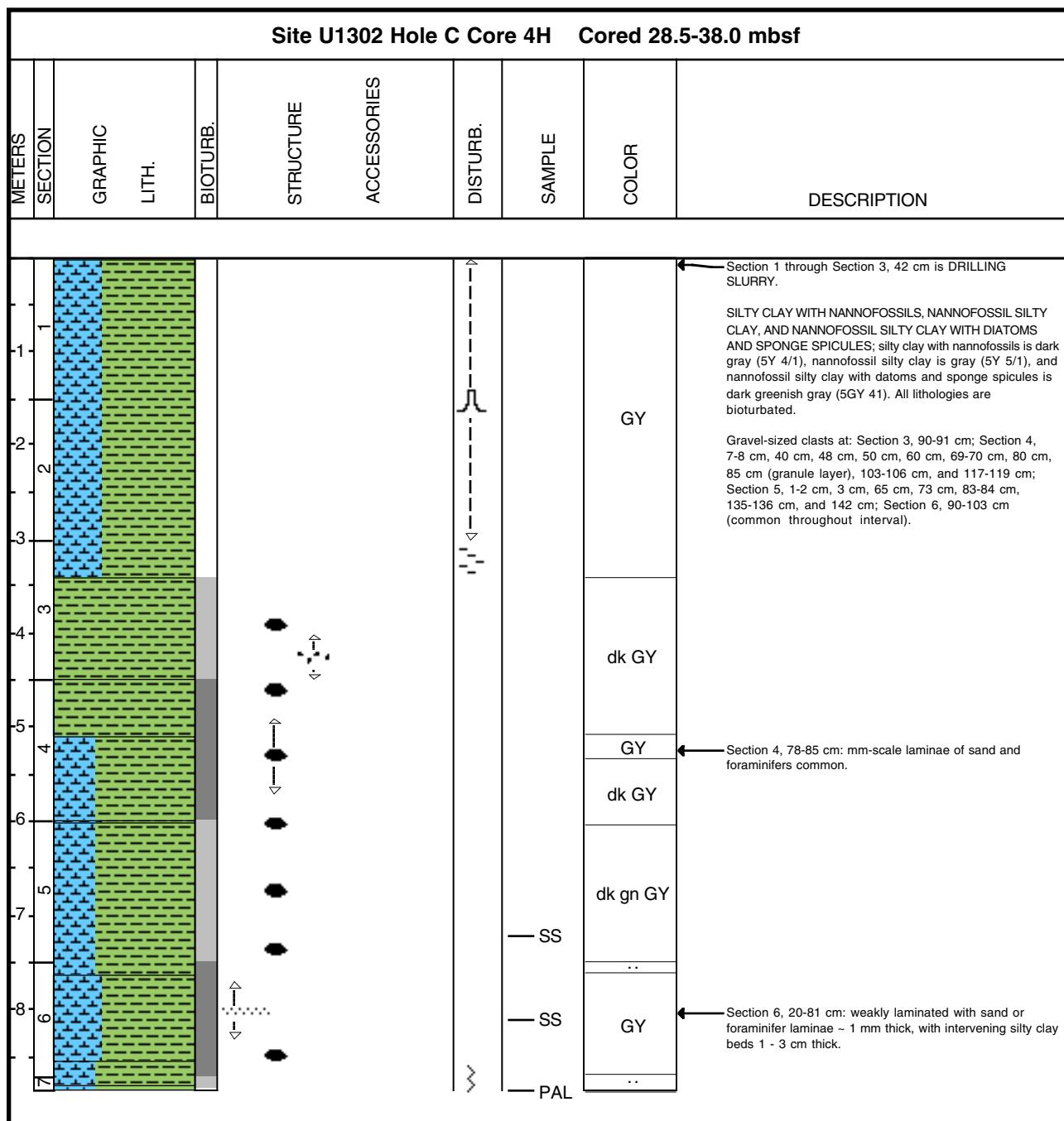


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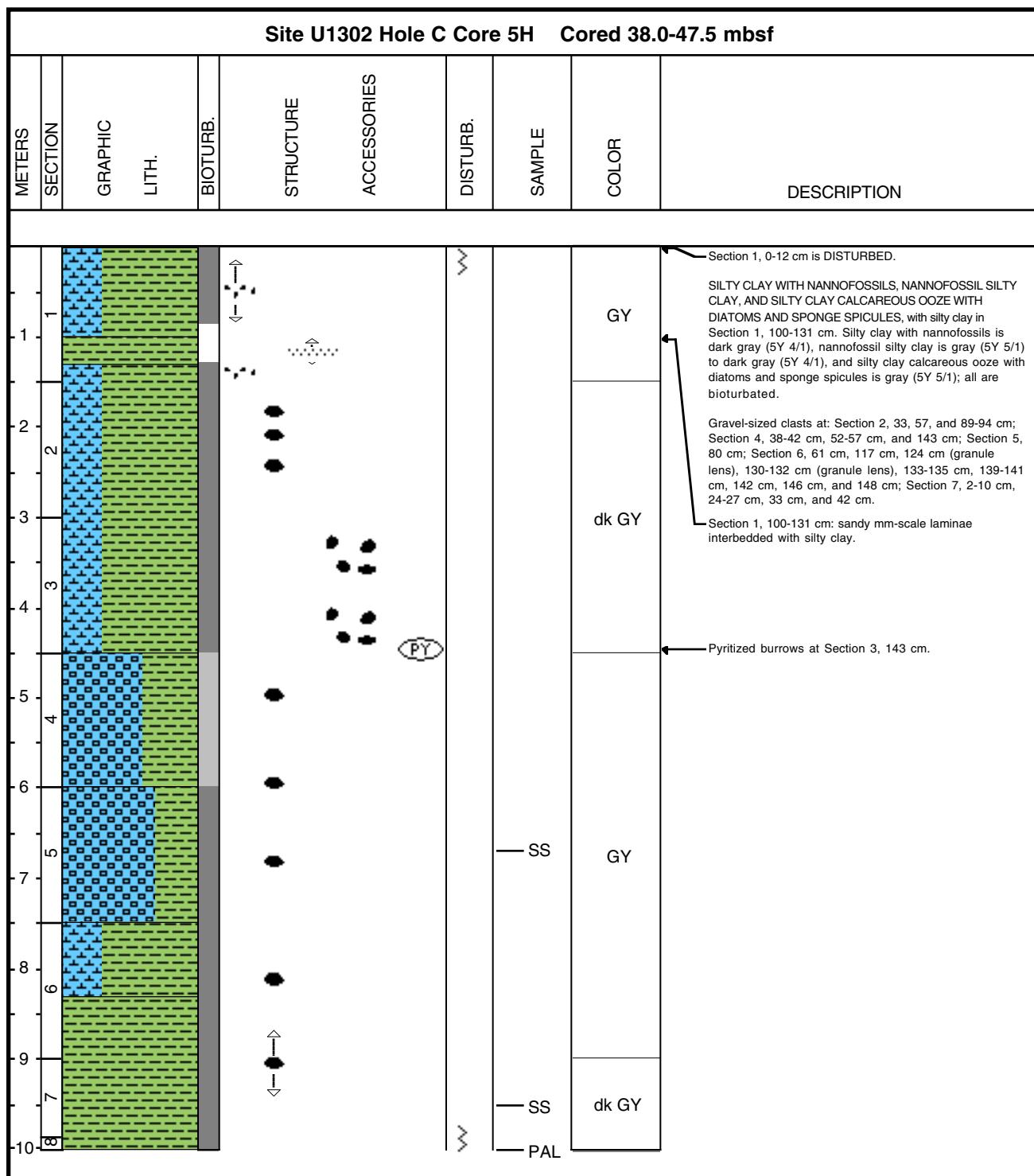
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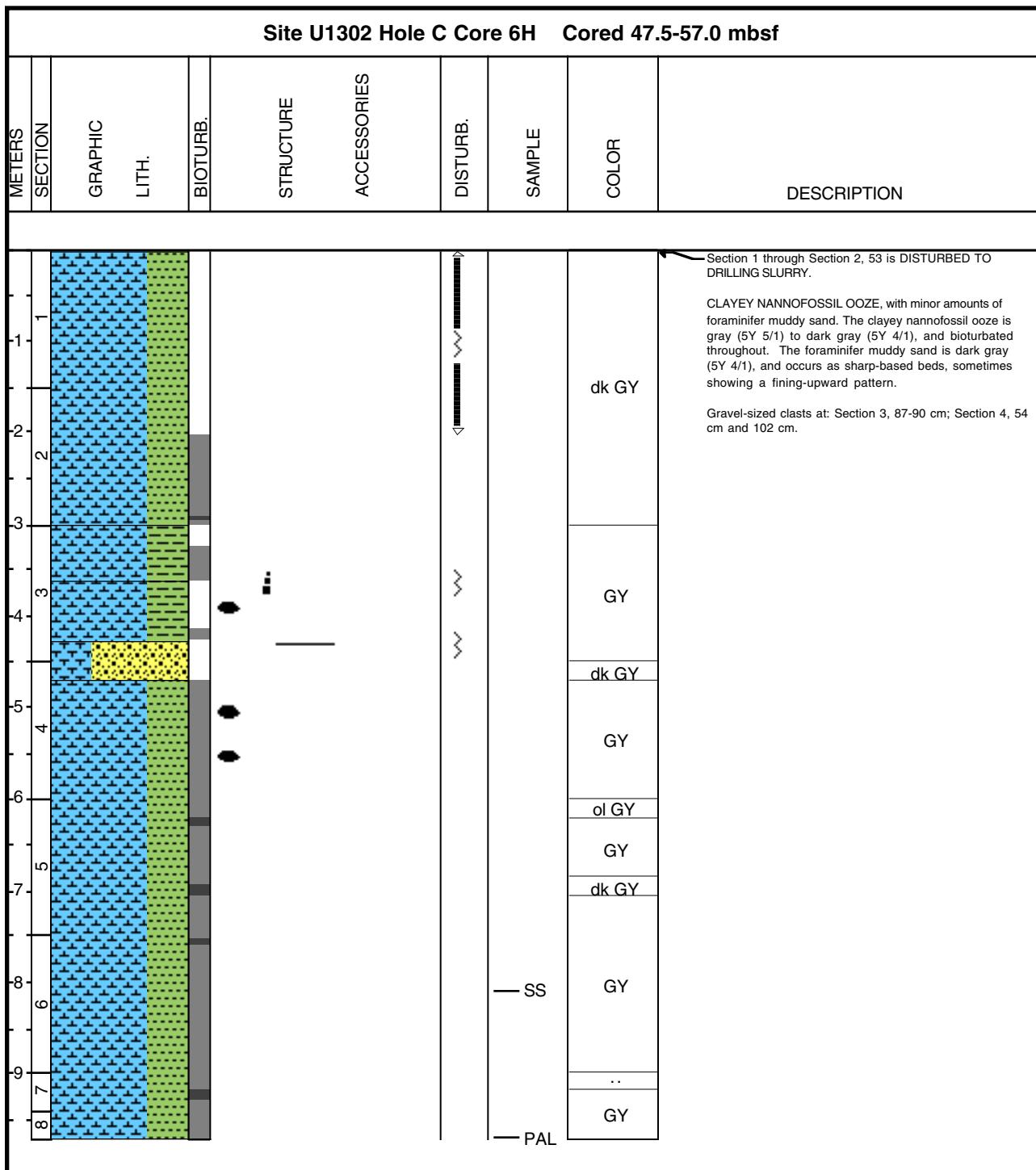
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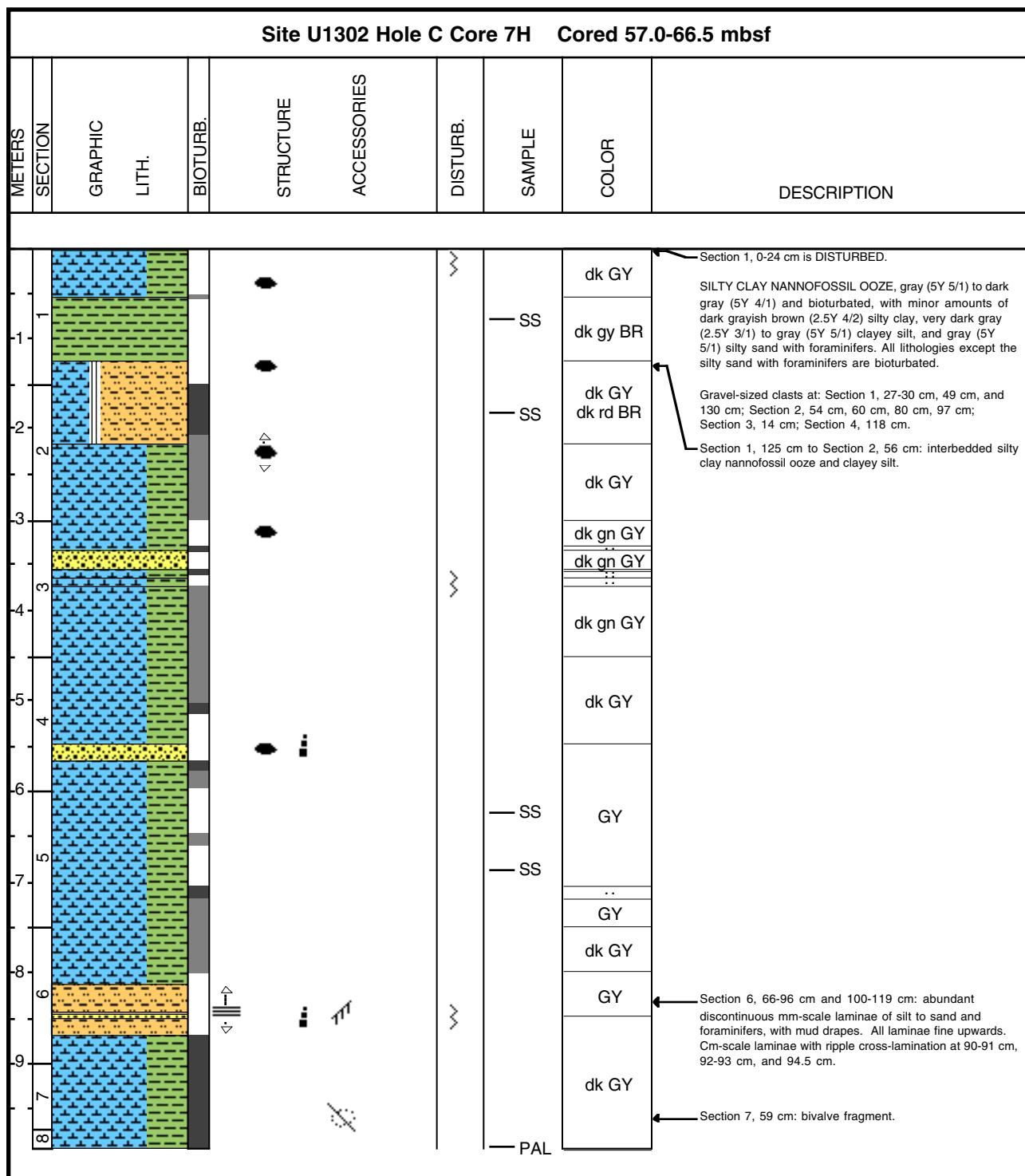
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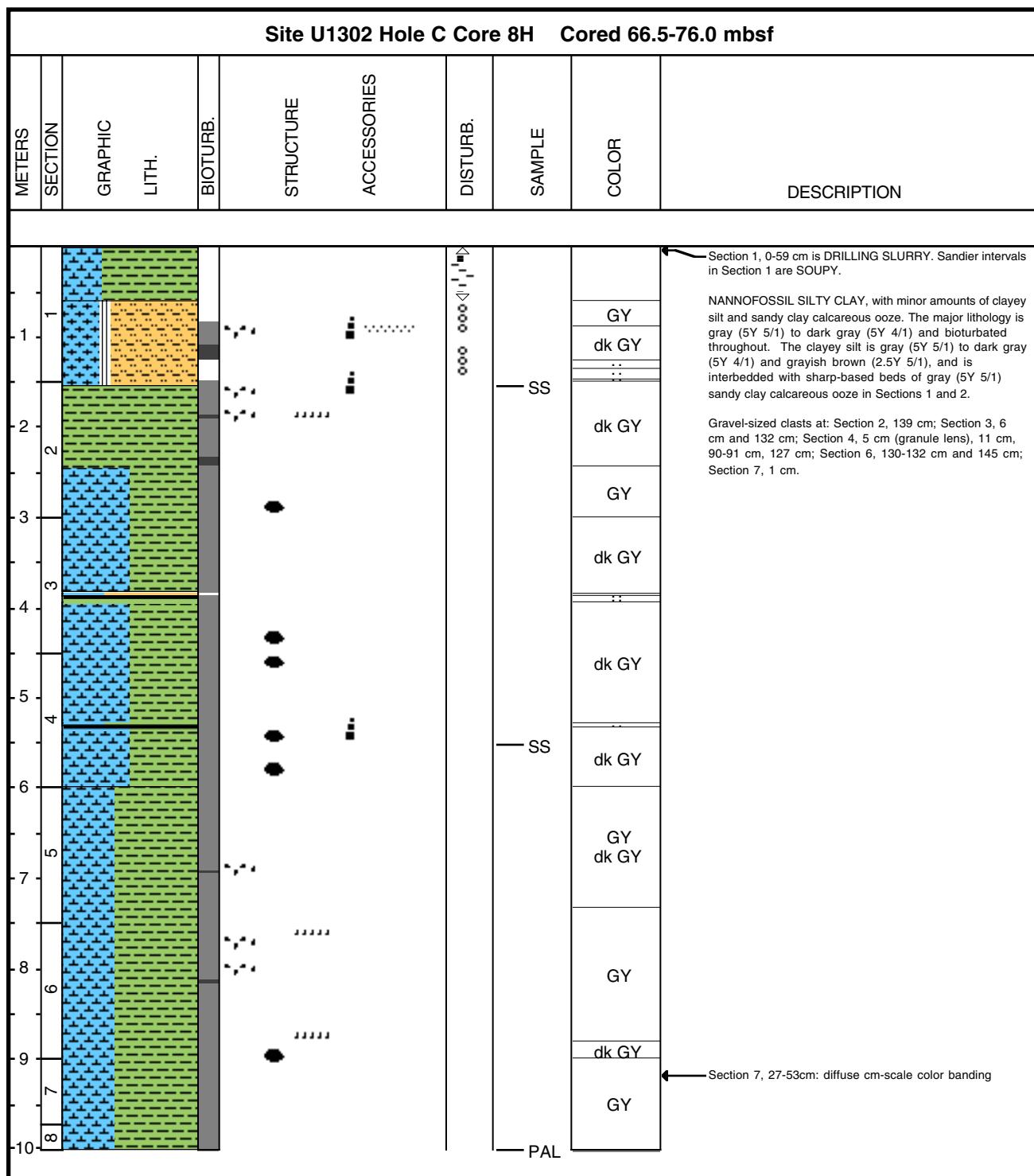
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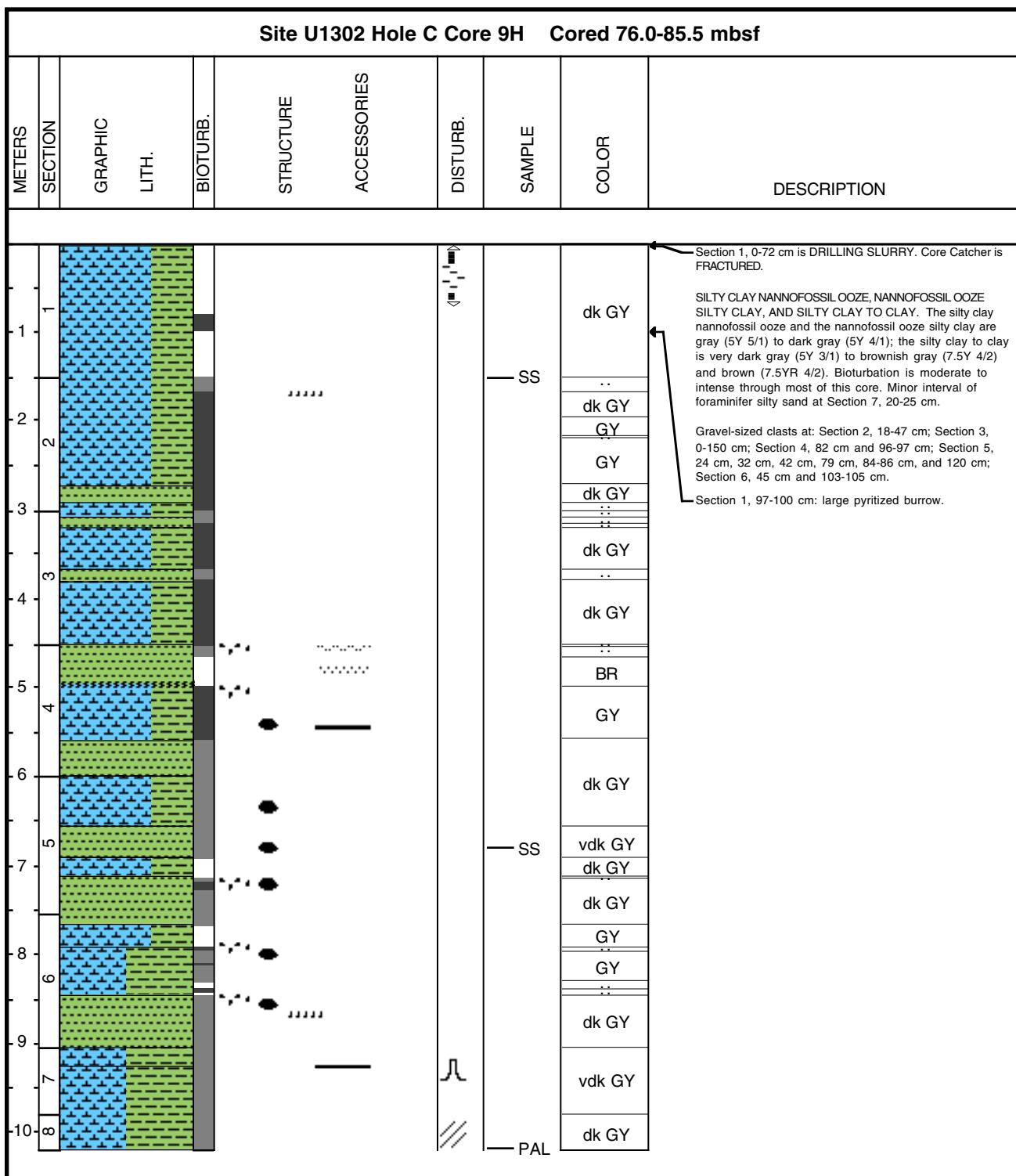
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Core Photo



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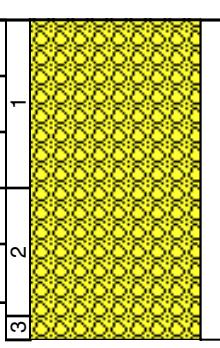


Core Photo

		Site U1302 Hole C Core 10H Cored 85.5-95.0 mbsf								
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DISTURB.	SAMPLE	COLOR	DESCRIPTION
-7	6									Section 1, 0-30 cm is DRILLING SLURRY. FORAMINIFER Ooze with sand, silty clay, clay, silty clay with nannofossils, and matrix-supported intraclast conglomerate, with a minor occurrence of foraminifer silty sand in Section 2. The silty clay, clay, and silty clay with nannofossils are gray (5Y 5/1 and 2.5Y 5/1) to dark gray (5Y 4/1), and grading locally to very dark gray (5Y 3/1 and 10YR 3/1) and very dark brown (10YR 2/2), and bioturbated throughout. The foraminifer ooze with sand is gray (5Y 5/1). The matrix-supported intraclast conglomerate is greenish gray (5GY 5/1) to gray (5Y 5/1) and dark gray (2.5Y 4/1). It contains abundant angular to rounded intraclasts and scattered exotic clasts in a deformed matrix of sand-silt-clay, and is interpreted as a debris flow deposit.

Core Photo

Site U1302 Hole C Core 11H Cored 95.0-104.5 mbsf							
METERS SECTION	GRAPHIC LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DISTURB.	SAMPLE COLOR	DESCRIPTION
							Entire core is UNDISTURBED BY DRILLING. MATRIX-SUPPORTED INTRACLAST CONGLOMERATE, predominantly greenish gray (5GY 5/1) to gray (5Y 5/1) and dark gray (2.5Y 4/1). Contains abundant angular to rounded intraclasts and scattered exotic clasts in a deformed matrix of sand-silt-clay, and is interpreted as a debris flow deposit.

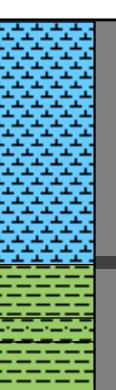
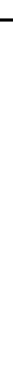


1
-1
-2
-3

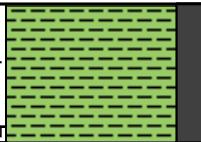
dk GY
gn GY

PAL

Core Photo

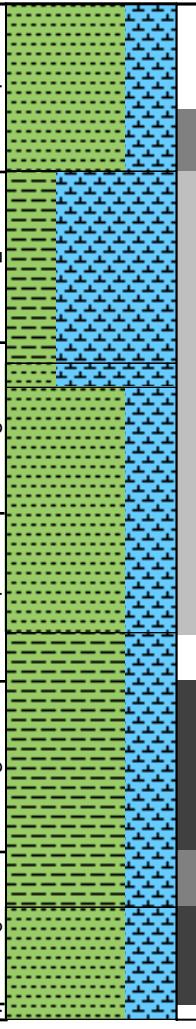
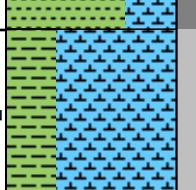
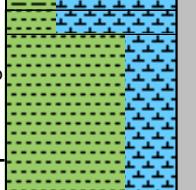
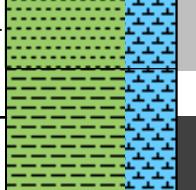
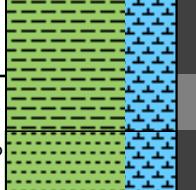
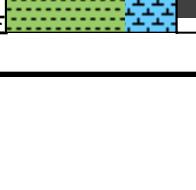
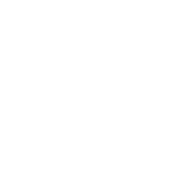
Site U1302 Hole D Core 1H Cored 0.0-3.5 mbsf										
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DISTURB.	SAMPLE	COLOR	DESCRIPTION
1										

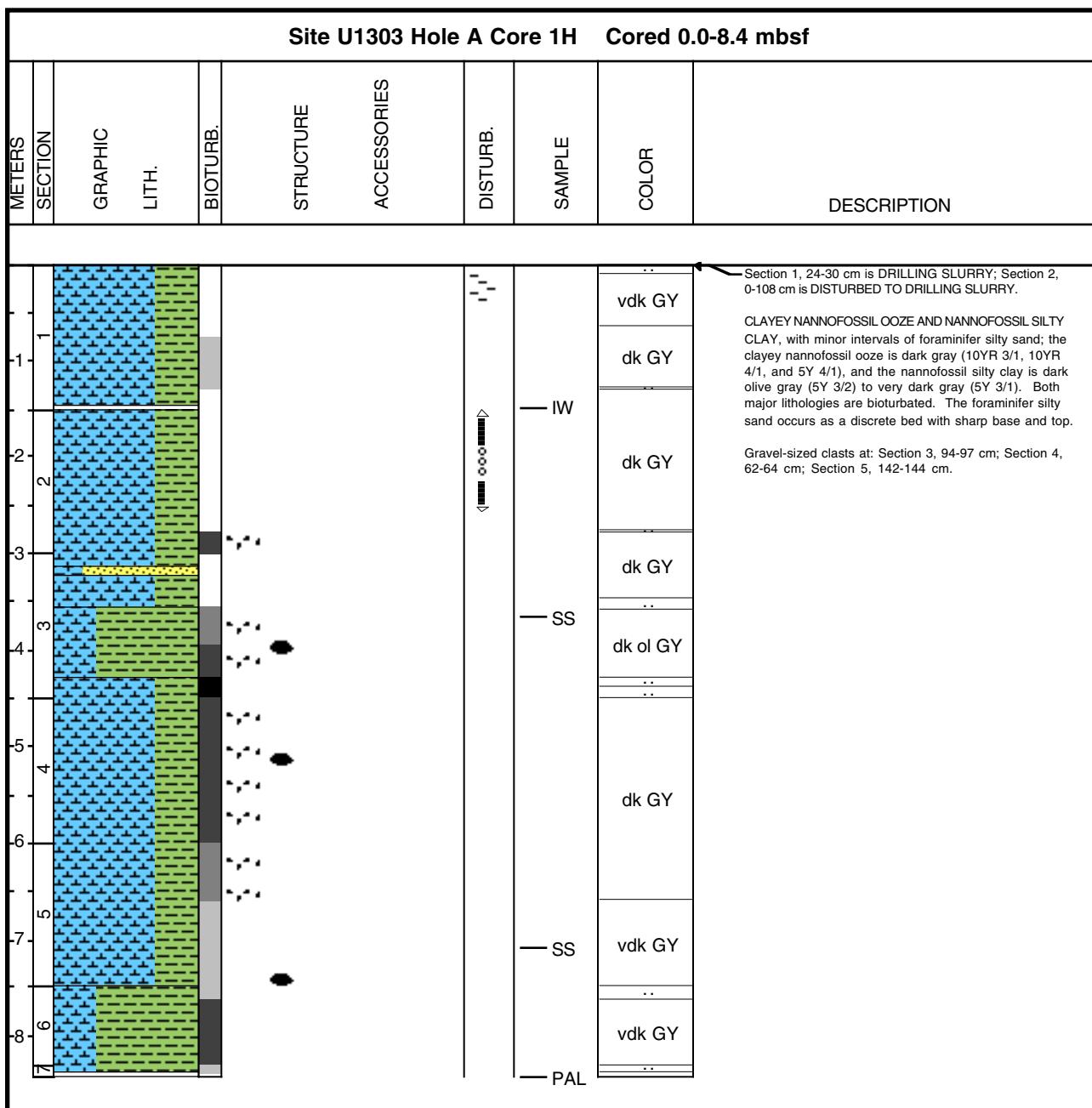
Core Photo

Site U1302 Hole D Core 2H Cored 3.5-13.0 mbsf										
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DISTURB.	SAMPLE	COLOR	DESCRIPTION
-1									GY	Section 1, 0-48 cm is DRILLING SLURRY. SILTY CLAY, gray (5Y 5/1) and bioturbated.

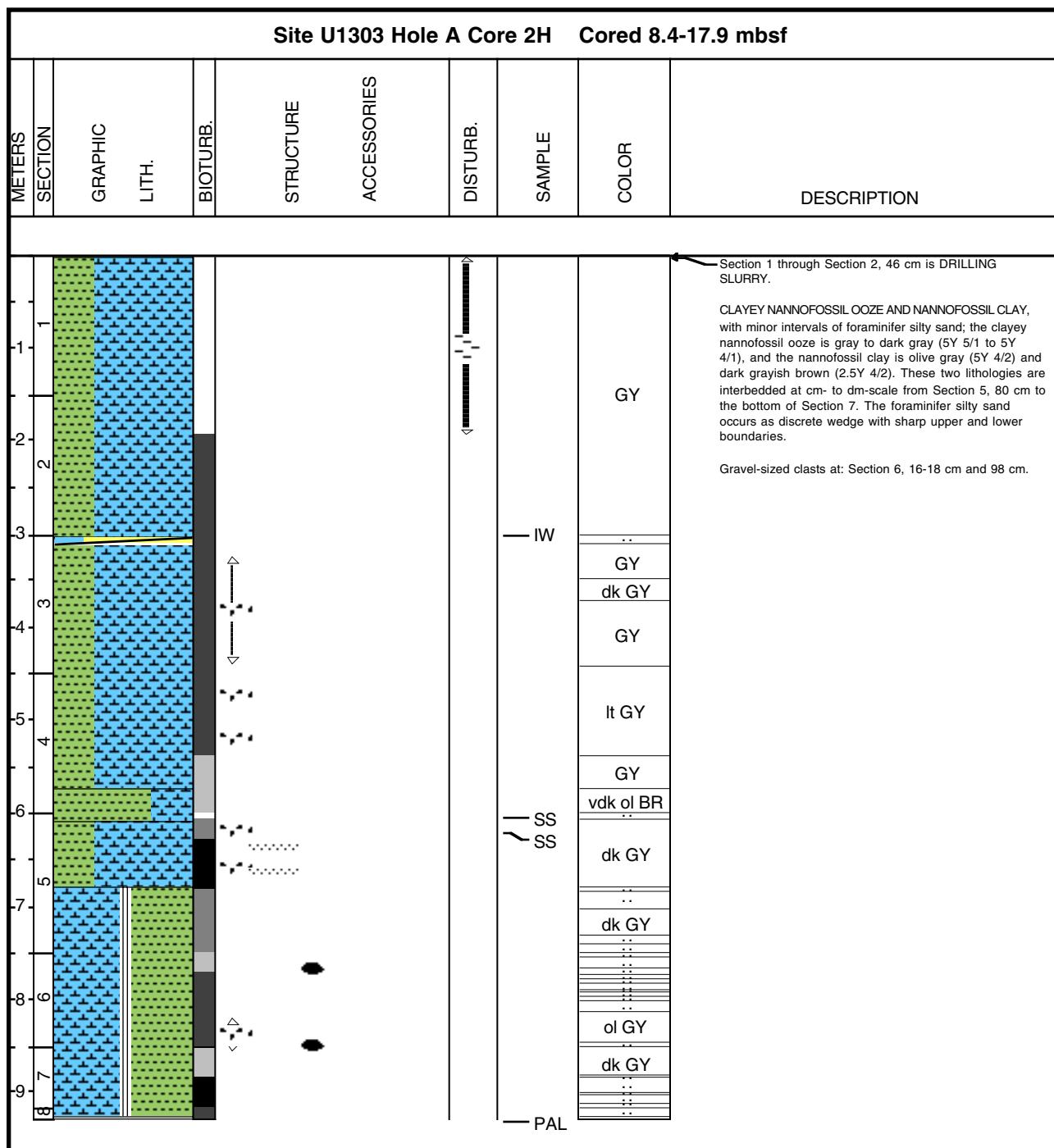
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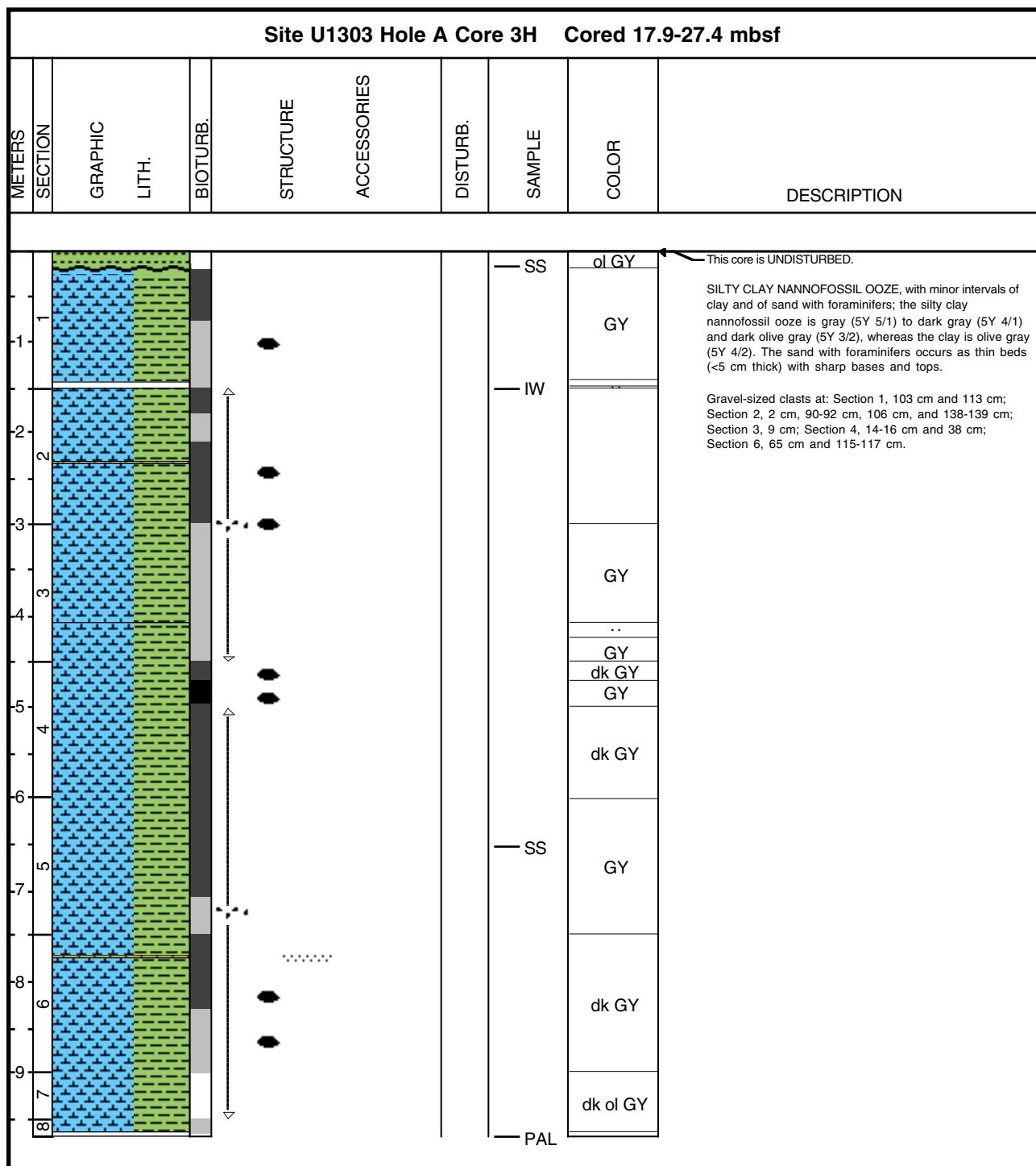
Site U1302 Hole E Core 2H Cored 5.6-15.1 mbsf							
METERS SECTION	GRAPHIC LITH.	BIO TURB.	STRUCTURE ACCESSORIES	DISTURB.	SAMPLE	COLOR	DESCRIPTION
1						dk GY	Section 1, 0-98 cm is DRILLING SLURRY. Remainder is UNDISTURBED.
2					SS	ol GY	Gravel-sized clasts at: Section 3, 56-58 cm and 98-99 cm; Section 4, 106 cm and 137 cm; Section 5, 130 cm.
3					SS	dk GY	
4					SS	dk ol GY	
5					PAL	dk ol GY	
6						dk GY	
7						dk ol GY	
9							

Core Photo

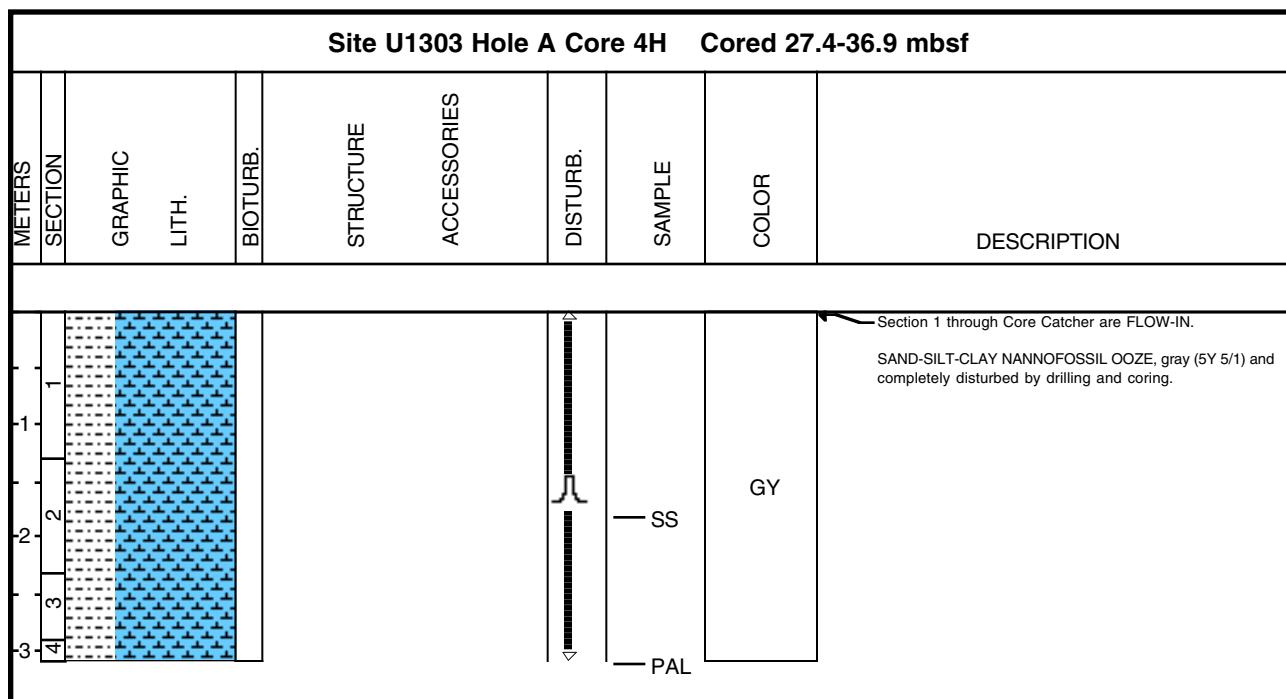
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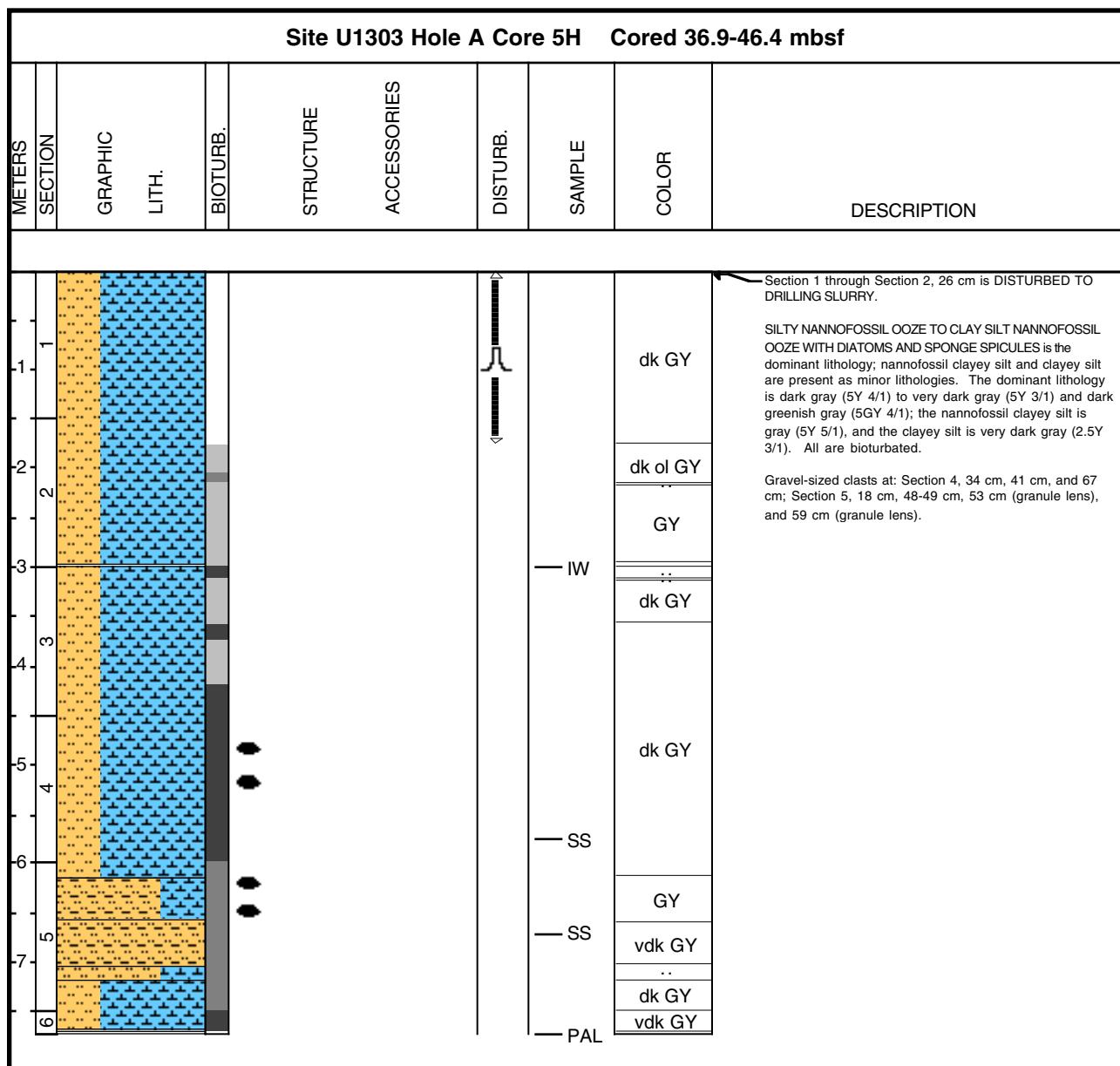
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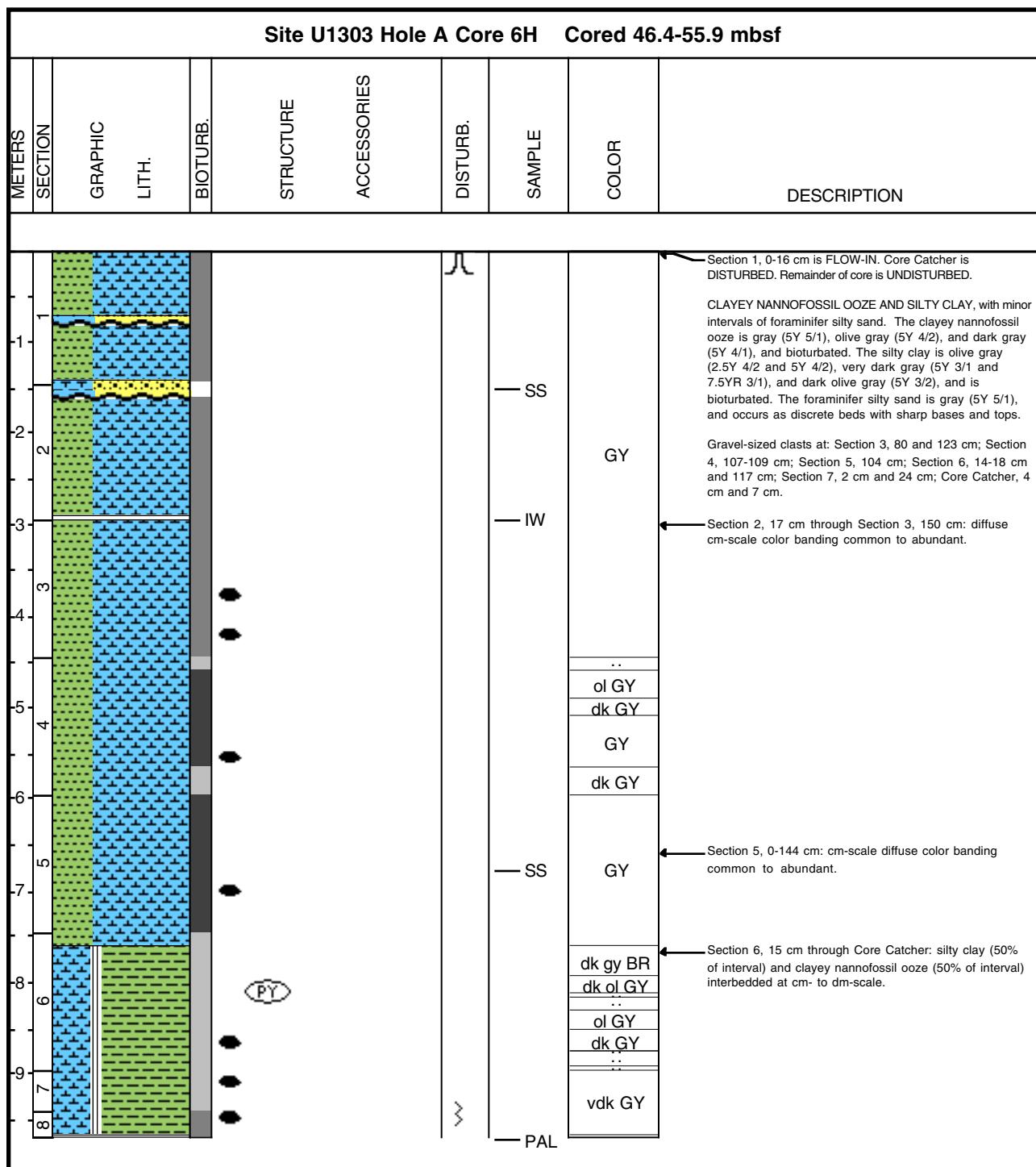
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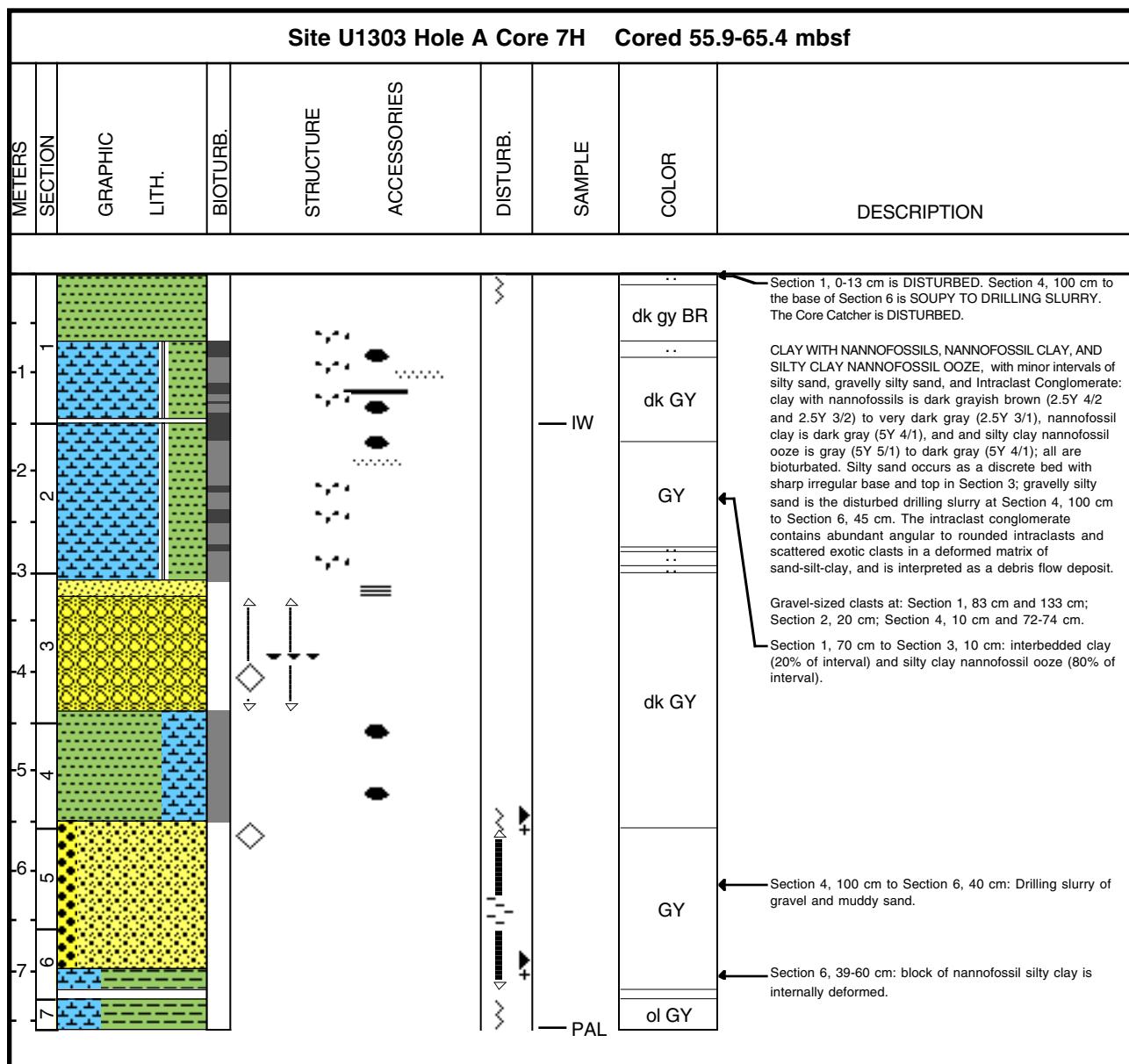
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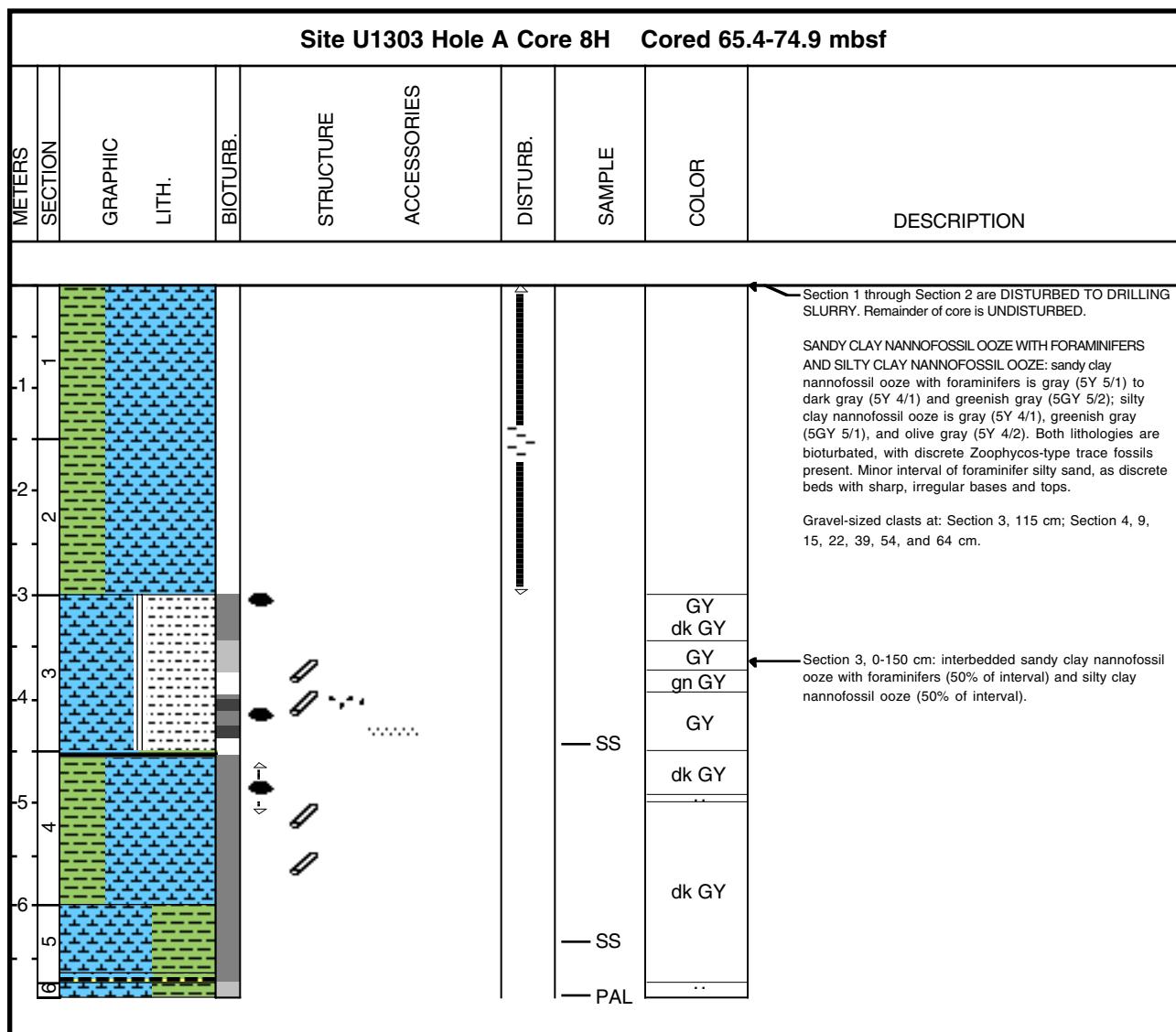
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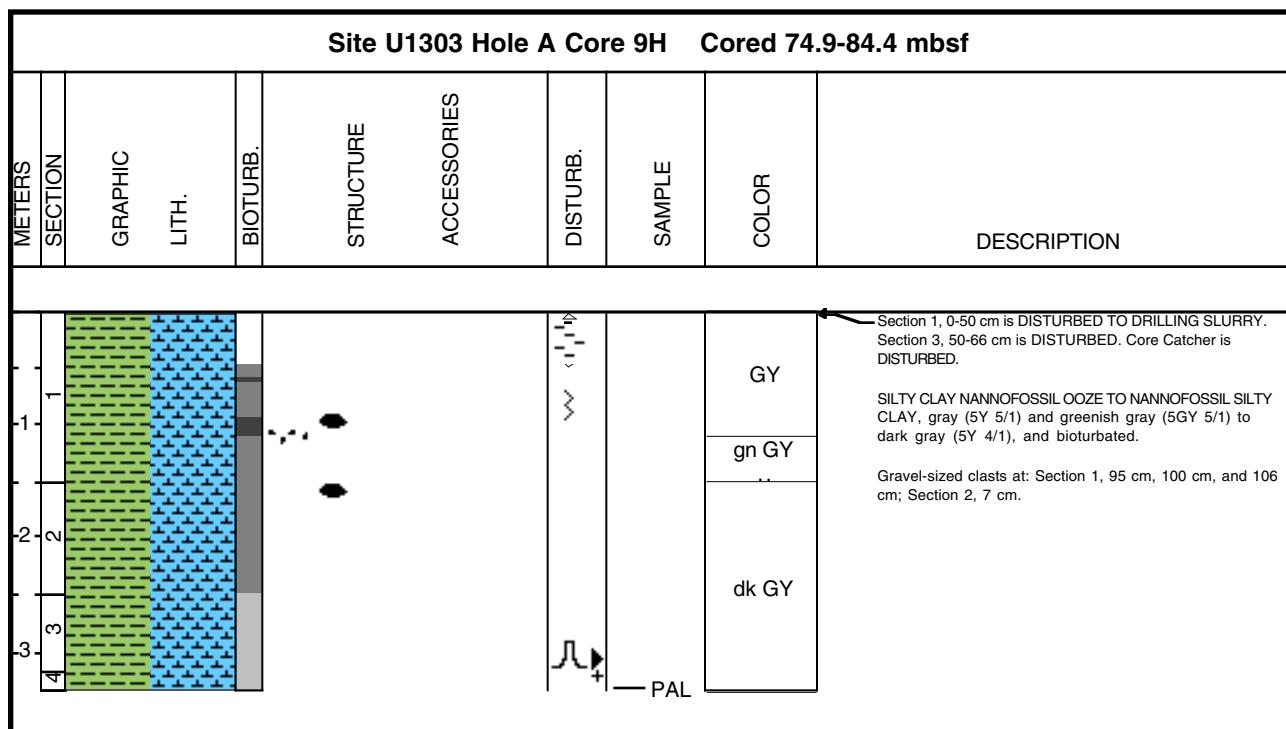
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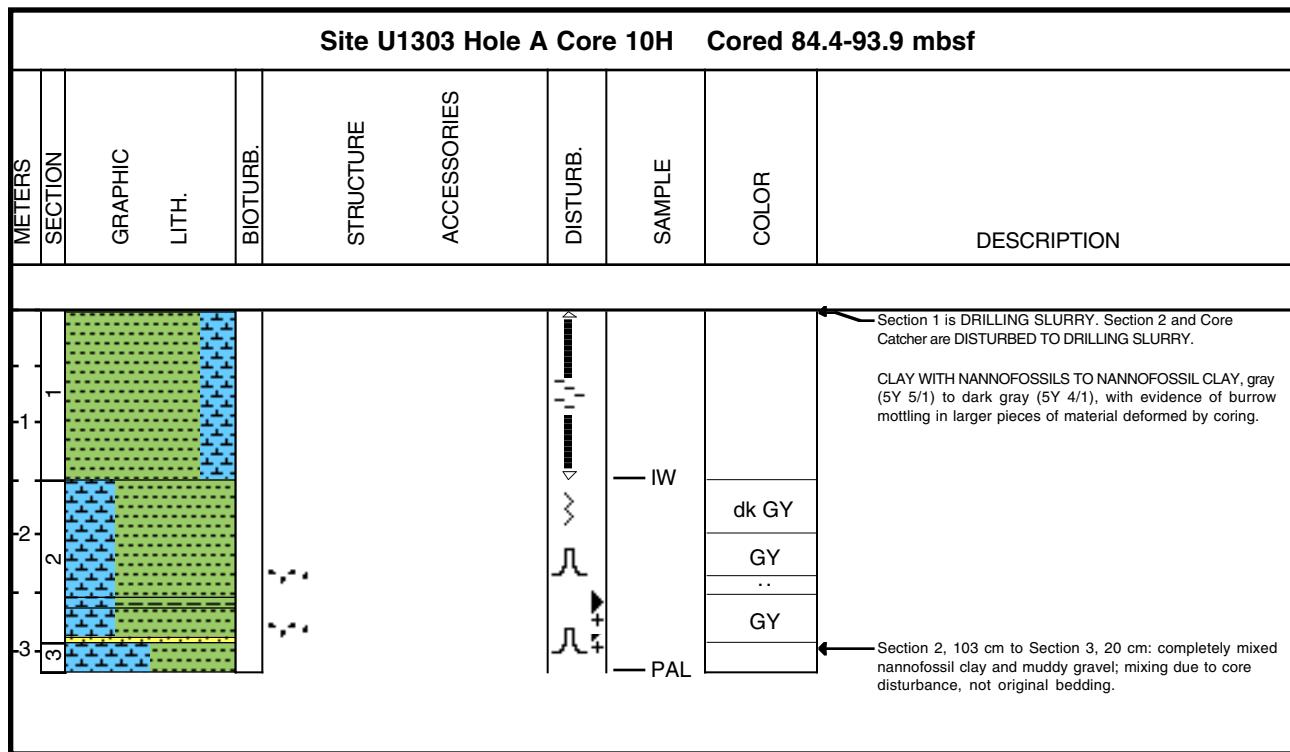
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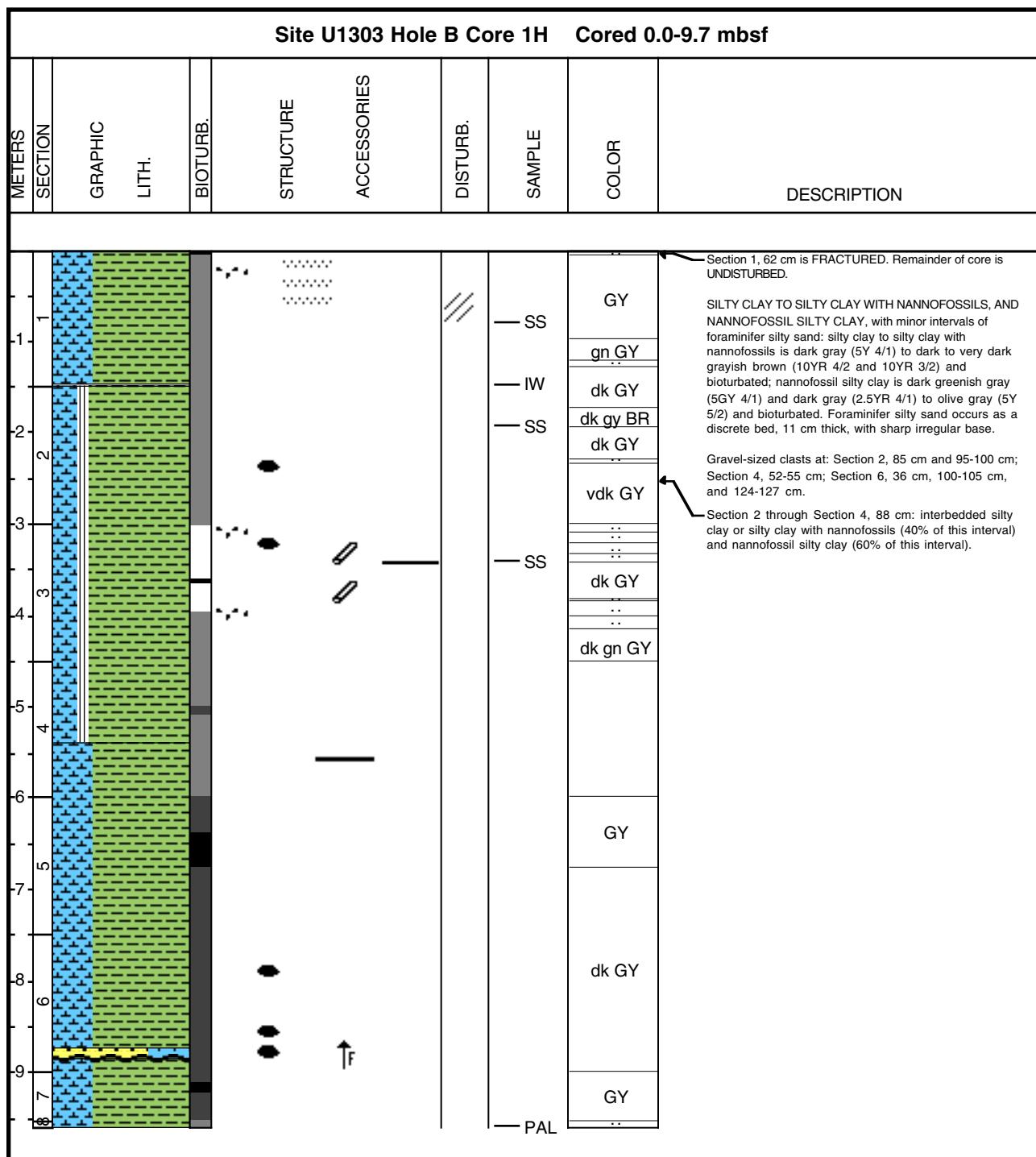
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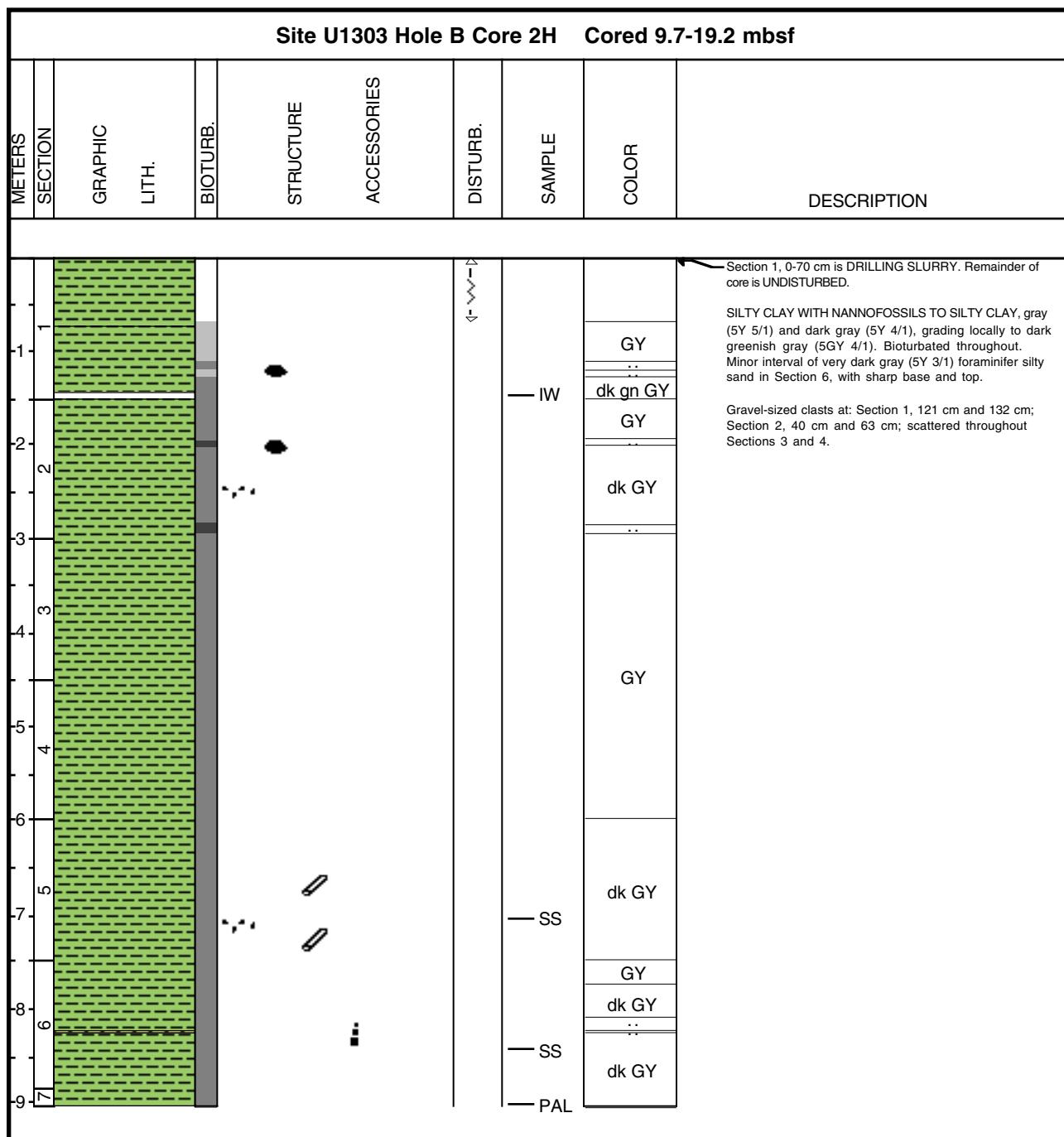
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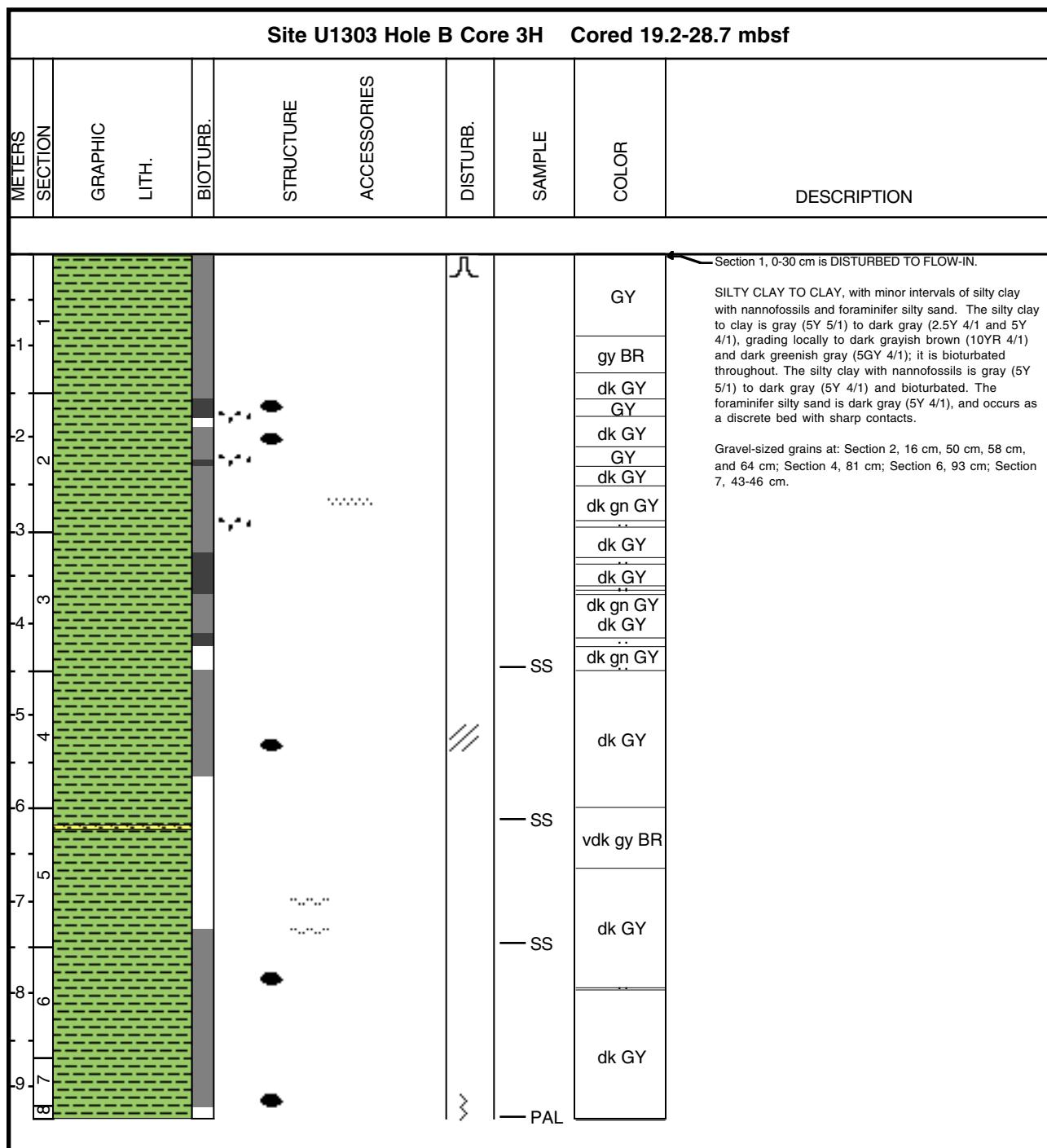
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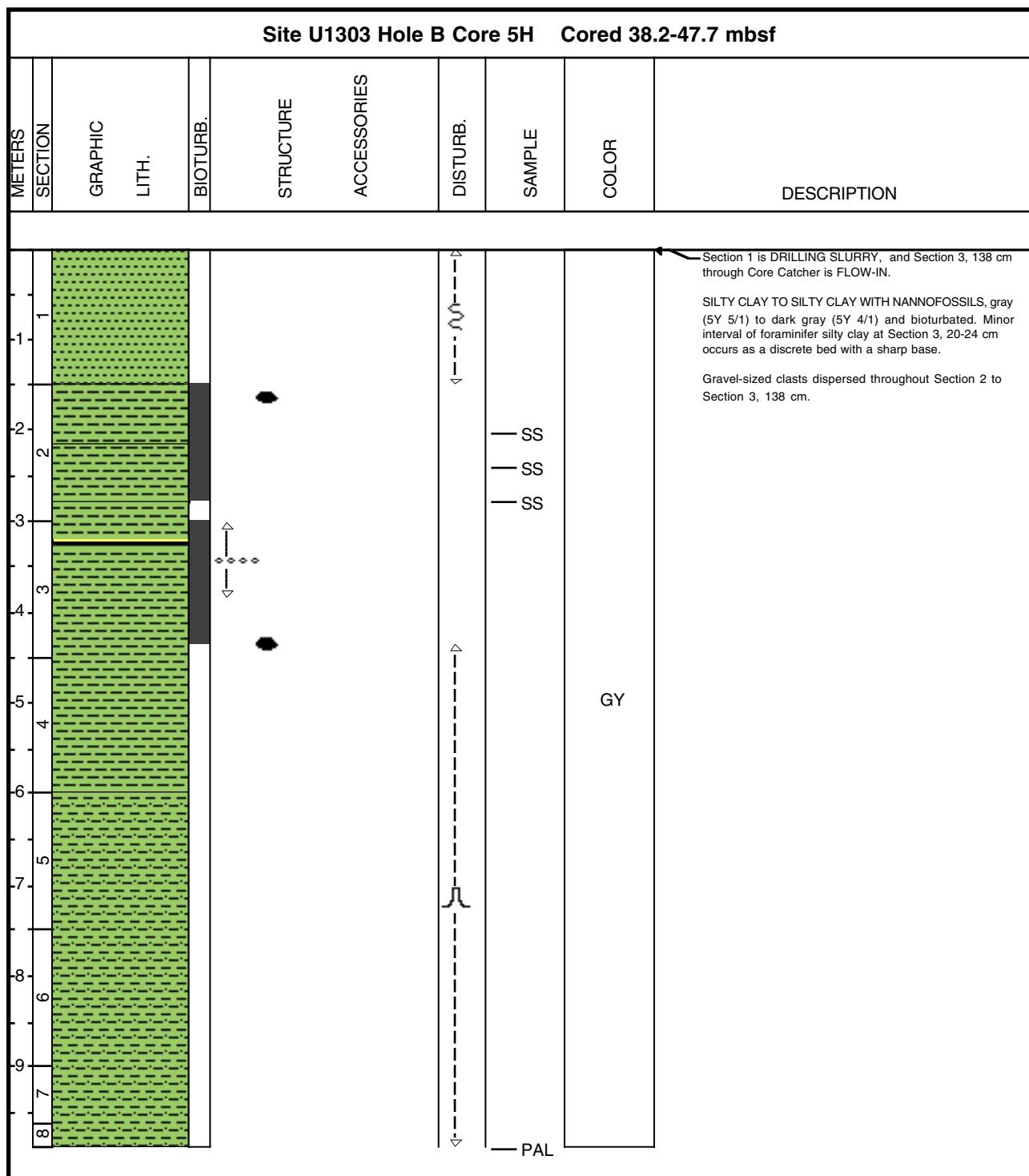


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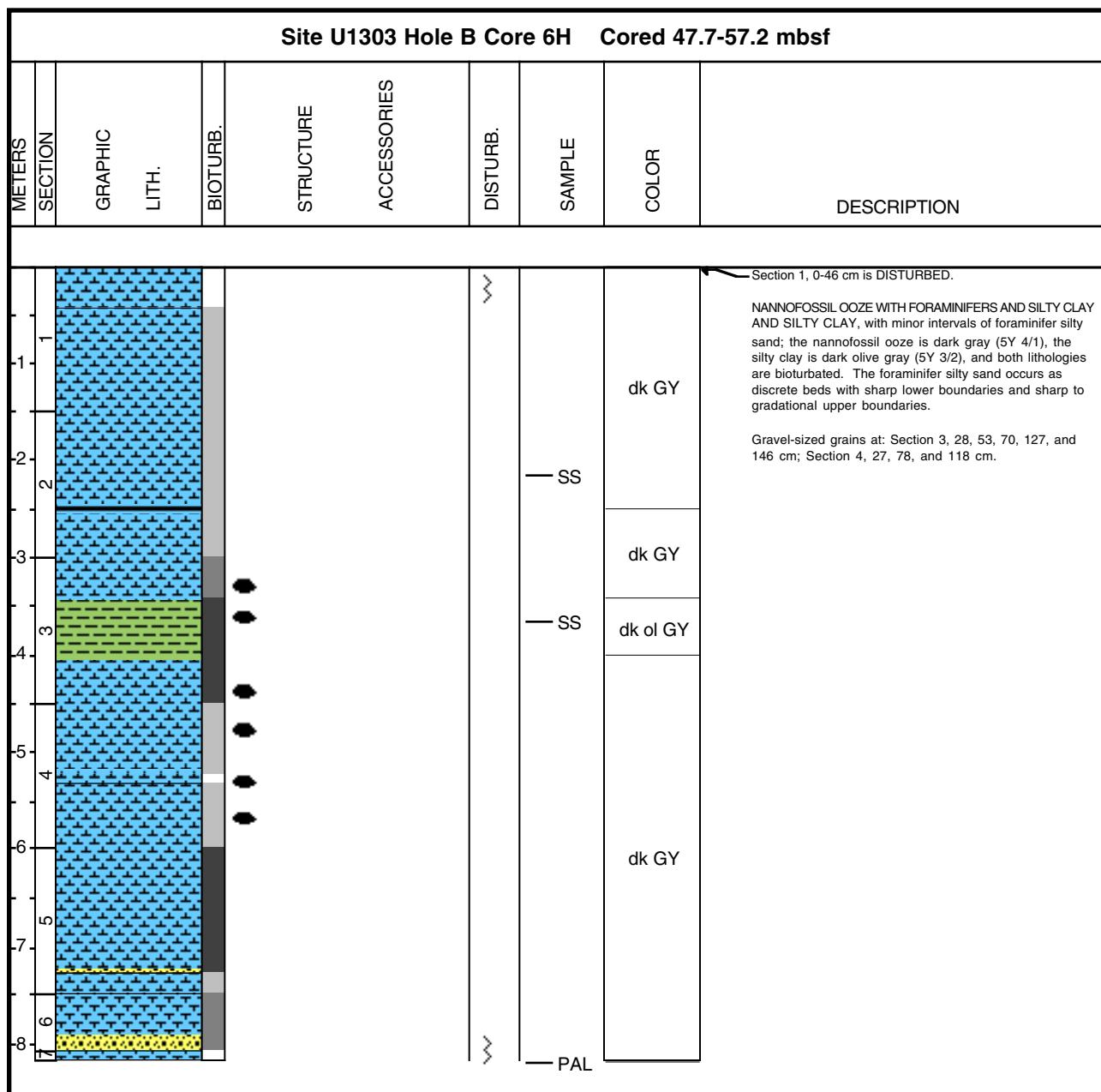


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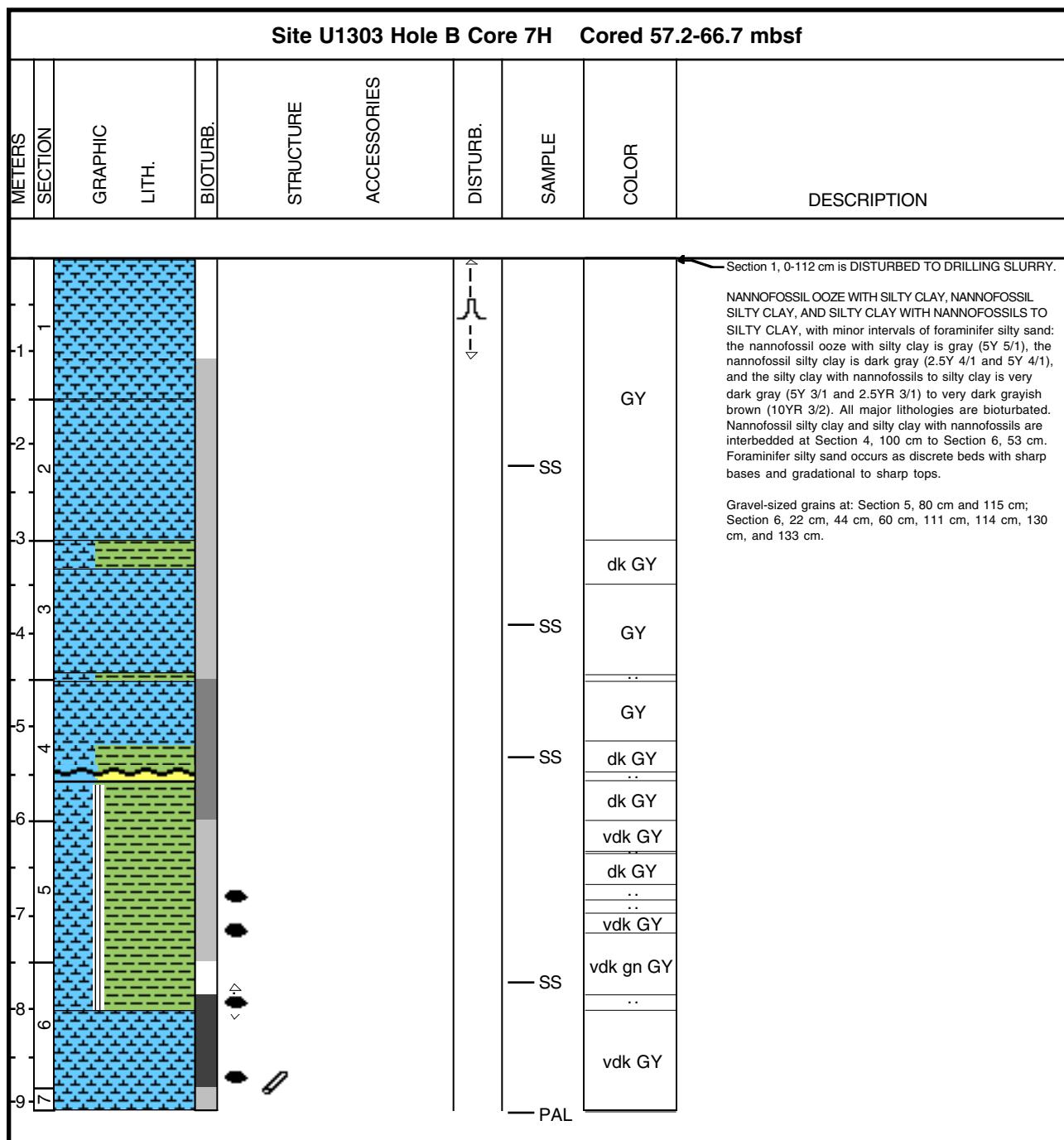
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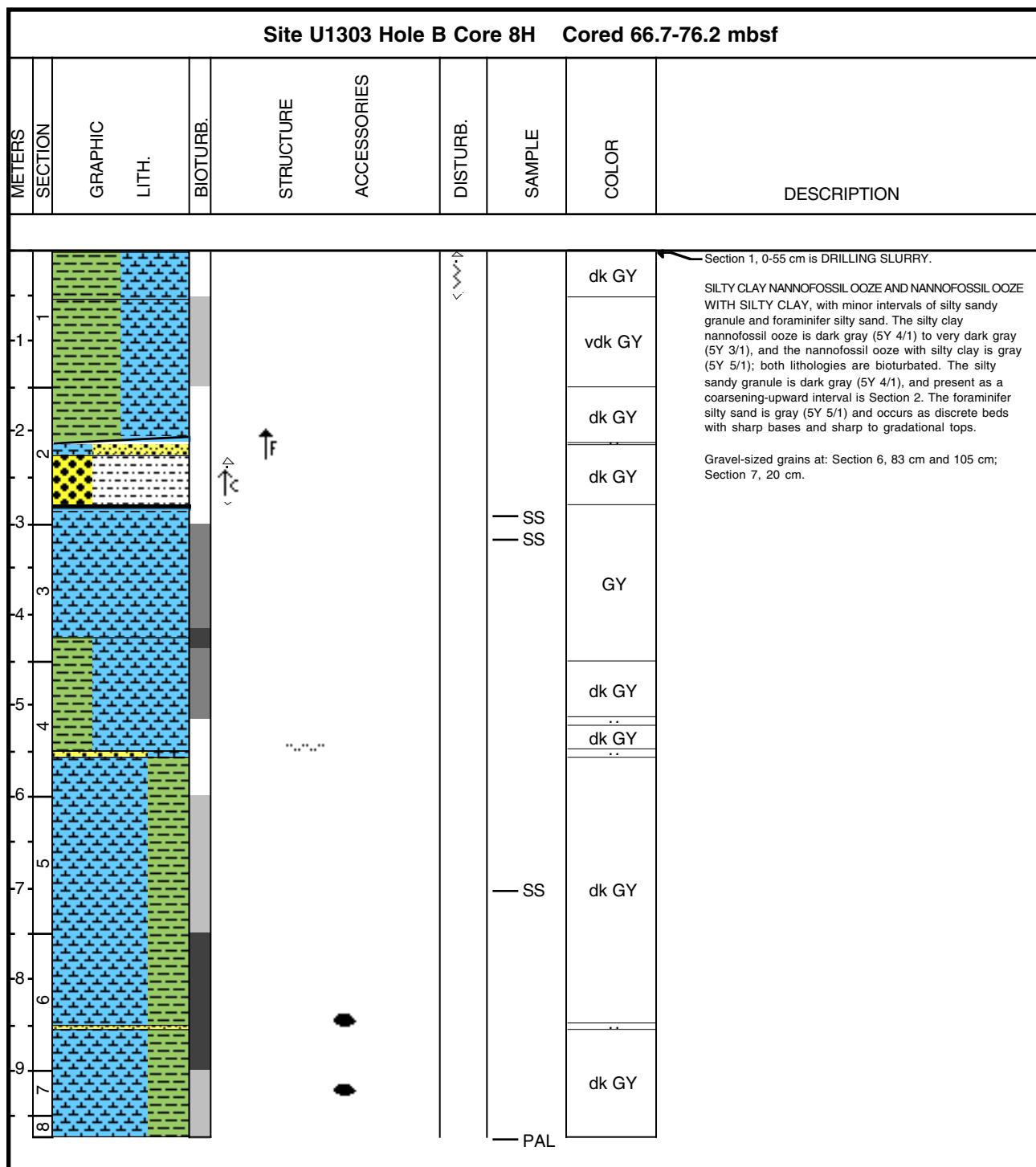
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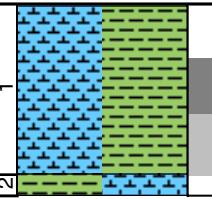
Core Photo



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Core Photo

Site U1303 Hole B Core 9H Cored 76.2-85.7 mbsf										
METERS	SECTION	GRAPHIC	LITH.	BIOTURB.	STRUCTURE	ACCESSORIES	DISTURB.	SAMPLE	COLOR	DESCRIPTION
1	2					< >	— SS	dk GY		Section 1, 0-55 cm is DRILLING SLURRY. CLAYEY NANNOFOSSIL OOZE, dark gray (5Y 4/1) and bioturbated.



Core	Type	Section	Top (cm)	Depth (mbgf)	Texture		Minerals							Biogenic						Sili-coccolithes			Remark					
					Sand	Silt	Quartz	Feldspar	Biotite	Chlorite	Calcite	Dolomite	Amphibole	Clay	Opaques	Fe Oxide	Glaucnrite	Volcanic Glass	Foraminifers	Diatoms	Radiolarians	Nannofossils	Sponge					
Site U1302																												
Hole A																												
1	H	CC	1	0.01	6.48	D	1	30	69	10	tr			65						tr	23			Silty clay with nannofossils				
2	H	2	30	1.90	14.95	D		20	80	20				75							5				Silty clay with quartz			
2	H	4	141	6.01	19.06	M		65	35	15				30						tr	50				Clayey foraminifer ooze with quartz silt			
2	H	6	144	9.04	22.09	D		30	70	15				85											Silty clay with quartz			
2	H	7	35	9.45	22.50	D	5	45	50	20				55						tr	10	tr	5		Silty clay with radiolarians			
3	H	2	61	11.71	25.56	D	2	18	80	15				45						5					Nannofossil silty clay			
3	H	3	48	13.08	26.93	D	0	30	70	15				45							5	30	5			Nannofossil silty clay with quartz		
3	H	4	50	14.60	28.45	D	0	40	60	20				55							5	15	5			Silty clay with nannofossils		
3	H	5	47	25.57	29.42	D		65	35	10				20						tr	tr	25	tr	20	25	Silty clay siliceous ooze with nannofossils		
4	H	5	112	26.22	42.05	M	60	30	10	45	tr			10							40					Foraminifer silty sand		
4	H	5	125	26.35	42.18	M		30	70	10				80							5					Silty clay with quartz		
4	H	6	19	26.79	42.62	M	10	50	40	30				70												Quartz silty clay		
6	H	1	90	39.00	57.32	D	2	48	50	tr	1			73						tr	tr			25	tr	Nannofossil silty clay		
6	H	3	20	41.30	59.62	M	50	20	30	10	tr			65							5	1			20	Nannofossil clayey sand		
6	H	3	120	42.30	60.62	D	5	45	50	tr	1			48							2	2			50	Silty clay nannofossil ooze		
6	H	5	100	45.10	63.42	D	0	30	70	5				60							tr	tr	5	25	5	Nannofossil silty clay		
6	H	6	102	46.62	64.94	M	0	30	70	50				50												Silty clay		
6	H	7	55	47.65	65.97	M	80	15	5	35				20							45					Quartz foraminifer sand		
7	H	1	120	48.80	70.72	D	3	30	67	5				30		5					tr		60	tr		Silty clay nannofossil ooze		
7	H	2	22	49.32	71.24	D	5	20	75	4	tr			25						1					70	Silty clay nannofossil ooze		
7	H	2	120	50.30	72.22	D	80	10	10	5				30							1	50			4	Sand foraminifer ooze		
7	H	3	53	51.13	73.05	D	2	28	70	2	tr			35		2	1				1		60	tr		Silty clay nannofossil ooze		
7	H	3	125	51.85	73.77	D	5	10	85	3				7		tr							85	tr		Nannofossil ooze		
7	H	4	42	52.52	74.44	D	15	20	65	3	tr			6							10	1	80	1	Nannofossil ooze with silty clay			
7	H	4	105	53.15	75.07	D	7	15	78	3				16							3	tr			78	Nannofossil ooze with clay		
7	H	5	7	53.67	75.59	D	1	30	69	3				34		3	tr							60	tr		Silty clay nonnوفوسيل ooze	
7	H	5	28	53.88	75.80	M	80	10	10	58	5			25						2	10					Sand with foraminifers		
7	H	5	73	54.33	76.25	D	50	10	40	1	1			12		1	tr			45	1	tr	40	tr		Calcareous ooze with clayey sand		
7	H	CC	11	55.00	76.92	D	10	30	60	10				30		5	tr						55			Silty clay nannofossil ooze		
8	H	2	70	59.30	80.40	D	7	5	88	5										5	5	tr	85	2		Nannofossil ooze		
9	H	4	79	71.89	93.60	D	1	10	89	30				47		3									20		Clay	
9	H	4	79	71.89	93.60	D	1	10	89	30				47		3										20		Clay
9	H	5	14	72.74	94.45	D	5	30	65	10	5	tr		60		5	tr							20	tr		Silty clay	
9	H	5	14	72.74	94.45	D	5	30	65	10	5	tr		60			tr							20	tr		Silty clay	
9	H	6	91	75.01	96.72	D	3	40	57	5	tr			65										30		Nannofossil silty clay		
9	H	6	91	75.01	96.72	D	3	40	57	5	tr			65										30		Nannofossil silty clay		
9	H	7	48	76.08	97.79	D	7	25	68	5	tr	tr		54		1	tr							40		Nannofossil silty clay		
9	H	7	48	76.08	97.79	D	7	25	68	5	tr	tr		54		1	tr							40		Nannofossil silty clay		
10	H	1	33	76.43	100.11	D	Tr	10	90	10				75										15		Silty clay with nannofossils		
10	H	1	93	77.03	100.71	M	30	10	60	10				5							35		50	tr		Foraminifer nannofossil ooze with quartz		
10	H	5	40	82.50	106.18	D	5	25	70	25				25							tr		tr	50		Foraminifer silty clay		
10	H	5	112	83.22	106.90	M	1	20	79	50				18		2								30		Clay with nannofossil		
11	H	2	106	88.16	111.84	M		30	70	5				5												Altered volcanic glass		
11	H	6	3	93.13	116.81	M		30	70	80				20												Silty clay		
11	H	6	18	93.28	116.96	D	Tr	40	60	50				50												Silty clay		
11	H	6	68	93.78	117.46	D	40	50	10	15	tr			25							30		30			Foraminifer nannofossil ooze		
12	H	2	32	96.92	120.60	D	10	20	70	7				40		35						5		15			Silty clay with nannofossils	
12	H	3	25	98.35	122.03	M	60	40		40	5			30							5					Silty clay (10% accessory minerals)		
12	H	4	3	99.63	123.31	D		30	70	20				70											10		Silty clay with nannofossils	
12	H	4	80	100.40	124.08	M	35	30	35	50	5			20		5					3		5			Silty sandy clay		
13	H	cc	3	106.69	130.37	M	1	4	95	2											4		95			Nannofossil ooze		
																									Silty clay			

Core	Type	Section	Texture		Minerals										Biogenic						Remark							
			Top (cm)	Depth (mbfs)	Sand	Silt	Clay	Quartz	Feldspar	Biotite	Chlorite	Calcite	Dolomite	Amphibole	Clay	Opaques	Fe Oxide	Glaucourite	Volcanic Glass	Foraminifers	Diatoms	Radiolarians	Nannofossils	Sponge	Siliceous platelets			
Hole D (continued)																												
1	H	1	60	0.60	0.60	D	20	10	70	5								10	7		70	3		Nannofossil ooze with clay				
1	H	2	100	2.50	2.50	D	10	15	75	10									2			5			Silty clay			
1	H	2	128	2.78	2.78	D	30	20	40	30			tr	70						tr						Sandy clay		
Hole E																												
1	H	2	134	2.84	2.95	D	3	7	90	20			tr	75								5			Clay			
1	H	3	105	4.05	4.16	D	3	20	77	20			tr	70								10			Silty clay with nannofossils			
2	H	2	60	7.70	11.91	D	10	35	55	20	tr			25						tr	5	35	10			Nannofossil silty clay with sponge spicules		
2	H	3	36	8.96	13.17	D		5	95	10	tr			40								50			Clayey nannofossil ooze			
2	H	4	98	11.08	15.29	D	5	15	80	25	tr			25						tr	5	35	10			Nannofossil clay with sponge spicules		
2	H	4	114	11.24	15.45	D		30	70	5	tr			45								50			Nannofossil silty clay			
Site U1303																												
Hole A																												
1	H	3	63	3.63	11.09	D		15	85	5	2			48							45					Nannofossil silty clay		
1	H	5	105	7.05	14.51	D		10	90	5				45					tr	tr	5	40	10			Clayey nannofossil ooze with sponge spicules		
2	H	5	4	14.44	22.25	M		10	90	5				90								5					Clay	
2	H	5	19	14.59	22.40	D	5	25	70	10			tr	30					tr	5	tr	50	5				Clayey nannofossil ooze	
2	H	6	51	16.41	24.22	M	15	30	55	30	tr			5	40						20					Silty clay with nannofossils		
3	H	1	15	18.05	28.58	M		10	90	25	tr			75												Clay		
3	H	5	50	24.40	34.93	D	10	30	60	10				35							5	5	tr	40	5			Silty Clayey nannofossil ooze
4	H	2	50	29.21	40.65	D	25	25	50	15				35							5	40	5			Sandy silty clayey nannofossil ooze		
5	H	4	124	42.64	53.77	D	0	60	40	10				5						0	10		55	10			Clayey silt nannofossil ooze with diatoms and sponge spicules	
5	H	5	70	43.60	54.73	D		60	40	10				65							10		5	10			Clayey silt with diatoms and sponge spicules	
6	H	2	5	47.90	59.39	D	80	20	20	60			tr	10						30						Foraminifera silty sand		
6	H	5	80	53.15	64.64	D		10	90	10			tr	10						tr	5		70	5			Clayey nannofossil ooze	
6	H	6	107	54.92	66.41	D		30	70	90			tr	10						tr		tr				Silty clay		
8	H	3	140	69.80	79.12	D	30	10	60	5				25						tr	20		50				Sandy clay nannofossil ooze	
8	H	5	30	71.70	81.02	D	10	20	70	5	1			1	18						10		65				Silty clay nannofossil ooze	
Hole B																												
1	H	1	75	0.75	1.57	D	10	30	60	24	2			30						7	5		30	2		Nannofossil silty clay		
1	H	2	40	1.90	2.72	M	2	38	60	20				70						tr	2		8				Silty clay	
1	H	3	38	3.38	4.20	M	2	28	70	30				63								5		2			Silty clay	
2	H	5	100	16.70	17.86	D	5	20	75	9			1	60			tr	tr	tr	tr	tr	tr	30	tr	Tr	Silty clay with nannofossils		
2	H	6	90	18.10	19.26	D	5	20	75	15			1	70	Tr						2	2	2	6			Silty clay	
3	H	3	145	23.65	25.24	M	3	25	72	30			3	66						tr			10				Silty clay	
3	H	5	10	25.30	26.89	D	1	20	79	10				89			2	tr	1	tr						Clay		
3	H	5	142	26.62	28.21	D	10	20	70	10			2	81			1						5				Silty clay	
3	H	6	14	26.84	28.43	M	10	20	70	30	1	5	53							1		10				Silty clay		
4	H	2	30	30.50	32.40	D	10	25	65	10			tr	74							5	tr		0	1		Silty clay	
4	H	4	20	32.90	34.80	D	5	20	75	10			2	78	Tr		3			5	tr	tr	2				Silty clay	
5	H	2	52	40.22	41.46	D	5	20	75	30			2	53							5	0	tr				Silty clay with nannofossils	
5	H	2	90	40.60	41.84	D	5	20	75	30			tr	68			2										Silty clay	
5	H	2	128	40.98	42.22	M	40	20	40	20			tr	74			1				5						Clayey sand	
6	H	2	65	49.85	53.68	D	10	20	70	10				10						10	5		60	5			Nannofossil ooze with forams and silty clay	
6	H	3	65	51.35	55.18	D	15	30	55	70				20							5			5			Silty clay	
7	H	2	70	59.40	62.54	D	10	10	80	2.5				2.5			Tr				15	15		50	15			Nannofossil ooze with forams, diatoms and sponge spicules
7	H	3	90	61.10	64.24	D	10	10	80	5				5						10	5	tr	70	5			Nannofossil ooze with foraminifers	
7	H	4	80	62.50	65.64	D	10	20	70	20				45			Tr					35						Nannofossil silty clay
7	H	6	20	64.90	68.04	D		20	80	15				70			Tr					5	Tr	5				Silty clay
8	H	3	15	69.85	73.75	D	5	15	80	10										10	tr		70	tr			Nannofossil ooze with silty clay and foraminifers	
8	H	5	100	73.70	77.60	D	10	20	70	15				30						10		45					Clayey nannofossil ooze	
9	H	1	100	77.20	83.42	D	10	20	70	15				20			Tr				5	5		50	5			