			Site 1227	Hol	e A C	ore	1H	Cored 0.0-5.6 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 1.0 1.5 2.0 3.0 4.0 4.5	4 3 2 1							Section 1, 0-16 cm was sampled for microbiology. CLAY- AND SILT-RICH DIATOM OOZE Major Lithology: Olive green CLAY- AND SILT-RICH DIATOM OOZE Minor Lithologies: 1. Olive green DIATOM-BEARING FORAMINIFER-RICH SILT 2. CLAY-BEARING DIATOM OOZE General Description: The olive green sediments are laminated with the coarser laminae being more rich in foraminifers, clay, and silt. Accumulations of fish scales form dark spots. Lighter yellow layers are coarser grained and diatom-rich.
5.5						Ś	55	

			Site 1227 H	lole	A Co	ore 2	2H (Cored 5.6-15.1 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 1.0 1.5 2.0	-1						— PP — IW	CLAY- AND SILT-RICH DIATOM OOZE, SILT-RICH FORAMINIFER OOZE, and DIATOM-BEARING FORAMINIFER-RICH SILT Major Lithology: 1. Olive green CLAY- AND SILT-RICH DIATOM OOZE 2. Soft, olive green SILT-RICH FORAMINIFER OOZE 3. Very dark brown DIATOM-BEABING
2.5 3.0	77		수			1	IW	FORAMINIFER-RICH SILT General Description: Below 60 cm in Section 1 the diatom ooze
3.5 4.0	£		↓ ↓ 				— ss	The foraminifers are mostly benthic. A bone fragment was found at 39 cm. In Section 4 a sharp contact with dark brown DIATOM-BEARING FORAMINIFER-RICH SILT is present. In this section, two phosphate nodules were also observed.
-5.0 -5.5	7				Φ	↓ ↓		Section 2, 40-102 cm was sampled for microbiology. Phosphate nodule Phosphate nodule
6.5 7.0	5							—— Section 5, 0-118 cm was sampled for microbiology.
7.5 8.0 8.5	9						IW	
9.0 9.5	7					Ì	IW	

			Site 1227 H	ole	A Co	re 3	н с	Cored 15.1-24.6 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
					I			
0.5 1.0 1.5 2.0 2.5 3.0 4.0 4.5 5.0 5.0 5.5 6.0 6.5 7.0 7.5 8.0 8.0 9.0	7 6 5 4 3 2 1					00		 CLAY-BEARING DIATOM-RICH SILT Major Lithology: Dark brow to black CLAY-BEARING DIATOM-RICH SILT General Description: Sand sized benthic foraminifers were observed throughtout the core. In Section 1, 116-118 cm is a reworked volcanic-glass layer. Slightly bioturbated zones were also observed. Section 2, 0-120 cm was sampled for microbiology.
9.5		×.						

			Site 1227 H	ole	A Co	re 4l	H C	ored 24.6-34.1 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
	ī			1	1			
0.5 1.0	-					 	—ss ~≝	 DIATOM RICH CLAY Major Lithology: Dark brown to black DIATOM RICH CLAY with a few scattered foraminifers.
1.5 2.0 2.5	7							In Section 5, 62 cm, a lighter interval is present, which includes a cemented carbonate layer. Pyritized radiolarians and foraminifers were observed.
3.0 3.5 4.0	e.					××		
4.5 5.0	4						—ss	
5.5 6.0	ъ					↓ I		
6.5 7.0							XRD IW	
7.5 8.0	9							
8.5 9.0	7							
10.0 10.5	ω							

			Site 1227 H	ole	A Co	re 5	н с	ored 34.1-43.6 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
-0.5 -1.0	1	-5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5				1	— XRD	GLAUCONITE BEARING PYRITE RICH SILT Major Lithology: Dark brown, homogeneous GLAUCONITE BEARING PYRITE RICH SILT
1.5 2.0 2.5	2	-5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5					IW	General Description: A few larger glauconite and pyrite clasts are present throughout the core. The clasts are coarser in Section 6 and 7.
3.0 3.5			-				— PP → ₩	—— Section 3, 0-80 cm was sampled for microbiology.
4.0 4.5 5.0	4	15 15 15 15 15 15 15 15 15 15					IW	
-5.5 -6.0		5 5 5 5 5					IW	Section 5. 0-114 cm was sampled for
7.0 7.5		·s <mark></mark>						microbiology.
8.0 8.5 9.0	9	15 15 15 15 15 15 15					— ss — ıw	
9.5		S S S S S						

	-		Site 1227 H	ole	A Co	re 6	н с	ored 43.6-53.1 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 1.0 2.5 3.0 4.0 4.5 5.5	4 3 2 1		 					PYRITE-BEARING DIATOM-RICH CLAY Major Lithology: Black to dark brown PYRITE-BEARING DIATOM-RICH CLAY General Description: Pyrite is common throughout the core. A brown red to pale red diatom-rich layer occurs in Section 3. Few burrows have been found in the lower part of the core. Section 2, 0-89 cm was sampled for microbiology.

			Site 1227 H	ole	A Co	re 7	н с	ored 53.1-62.6 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 1.0 2.0 3.0 3.5	2						— PP — SS — IW — IW — SS	CLAY- AND NANNOFOSSIL-BEARING DIATOM OOZE Major Lithology: Dark green CLAY- AND NANNOFOSSIL-BEARING DIATOM OOZE General Description: The sediment contains both homogeneous and bioturbated layers throughout the core. Section 2, 0-101 cm was sampled for microbiology.

			Site 1227 H	ole	A Co	re 8	н с	ored 62.6-72.1 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
	-					5	— XRD	NANNOFOSSIL- AND CLAY-BEARING DIATOM OOZE and GRAVEL Major Lithology: Olive green NANNOFOSSIL- AND CLAY-BEARING DIATOM OOZE and GRAVEL 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.

			Site 1227 H	ole	A Co	re 9	н с	ored 72.1-81.6 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 1.0 2.0 2.5 3.0 4.0	4 3 2 1						PP NW	DIATOM- AND CLAY-BEARING GRAVEL and CLAY- AND NANNOFOSSIL-BEARING DIATOM OOZE Major Lithologies: 1. White, black and green olive DIATOM- AND CLAY-BEARING GRAVEL 2. Dark olive, bioturbated CLAY- AND NANNOFOSSIL-BEARING DIATOM OOZE General Description: Dark gravel is present in the top 45 cm of Section 1. The gravel consists of mixed dolomite and phophate clasts. Dark olive sediments of the rest of the core are bioturbated and have a low-angle inclination. Lamination is caused by variation in the content of diatoms, clay, and opaque clasts. Section 3, 0-95 cm was sampled for microbiology. Yellow speck, F-phophate?
5.5 6.0	Ŀ		Ţ Ţ			ι Ι Φ ζ		

		Site 1227 Ho	ble	A Co	re 10	он	Cored 81.6-91.1 mbsf
METERS SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 T 1.0 1.5 2.0 Z 2.5 3.0 ε 4.0 4.5 5.0 ϕ 6.0 6.5 7.0						— IW — SS	CLAY- AND NANNOFOSSIL-BEARING DIATOM OOZE Major Lithology: Dark olive green CLAY- AND NANNOFOSSIL-BEARING DIATOM OOZE General Description: The first 45 cm consists of dark and gray gravel which is most likely washed from horizons above due to drilling. The gravel probably consists of dolomite and phosphate nodules. The rest of the core is very homogeneous with few volcanic ash accumulations. Section 2, 0-73 cm was sampled for microbiology.





		S	ite 1227 Hol	e A	Core	: 13F		ored 110.1-119.6 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 1.0 1.5 2.0 2.5 3.0 4.0 4.5 5.5 6.0 6.5	5 4 3 2 1						— IW — SS — SS — IW — SS	NANNOFOSSIL-BEARING DIATOM- and CLAY-RICH SILT Major Lithology: Dark olive green NANNOFOSSIL-BEARING DIATOM- and CLAY-RICH SILT General Description: The top 35 cm of Section 1 are enriched in gravel. This enrichment is due to drilling disturbance. A 3 cm thick gray volcanic ash layer is present in Section 3. Yellow specks containing volcanic glass shards are common throughout the core. Core 5 and 6 are more olive and show more pronounced lamination. Section 3, 15-100 cm and 115-135 cm were sampled for microbiology.
7.0			Ţ			Š		



¹²²⁷A-15P NO RECOVERY

		S	ite 1227 Hol	e A	Core		ored 131.1-132.1 mbsf	
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
					1	1		Gravel from Fugro pressure corer.

		S	ite 1227 Hol	e A	Core	17⊦	I Co	ored 132.1-141.6 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
-0.5 -1.0 -1.5	1					⁸ ↓ ↓ ↓ ↓	— SS — IW	CLAY-BEARING NANNOFOSSIL-RICH DIATOM OOZE Major Lithology: Dark brown CLAY-BEARING NANNOFOSSIL-RICH DIATOM OOZE with pyrite
								General Description: This core is very disturbed by drilling.

		S	ite 1227 Hol	e A	Core	I C	ored 141.6-151.1 mbsf	
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 1.0 2.0 2.5 3.0 4.0 4.5 5.0	4 3 2 1					↓		CLAY-BEARING NANNOFOSSIL-RICH DIATOM OOZE Major Lithology: Dark brown CLAY-BEARING NANNOFOSSIL-RICH DIATOM OOZE General Description: The core is highly disturbed and soupy throughout. Section 2, 53-72 cm was sampled for microbiology. Section 2, 85-135 cm was sampled for microbiology. Section 3, 35-54 cm void.

			Site 1227	Hol	еВС	ore	1H	Cored 0.0-5.0 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 1.0 2.0 2.5 3.0 4.0 4.5	4 3 2 1						— ss	CLAY- AND SILT-RICH DIATOM OOZE Major Lithology: Entire core consists of laminated CLAY- AND SILT-RICH DIATOM OOZE General Description: The thickness of light green and yellow laminae varies from 2 to 5 mm. Laminae consist of almost pure diatom ooze. Fish vertebra are in Section 1, 42 to 43 cm. Section 2, 57 to 69 cm contains a burrow filled with unconsolidated FORAMINIFER OOZE.

			Site 1227 I	lole	BC	ore 2	2H (Cored 5.0-14.5 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
<u> </u>	4			1		4		
0.5 1.0 1.5 2.0 2.5 3.0 4.0 4.5 5.0 6.5 6.5 7.0 6.5	6 5 4 3 2 1				Â			CLAY- AND SILT-RICH DIATOM OOZE PYRITE- AND GLAUCONITE-RICH FORAMINFER OOZE CLAY-BEARING DIATOM-RICH SILT Major Lithologies: From the top of the core through Section 5, 10 cm, the sediment consists of alternations of olive green CLAY- AND SILT-RICH DIATOM OZE and PYRITE- AND GLAUCONITE-RICH FORAMINFER OOZE Below Section 5, 10 cm, the sediment is a dark brown CLAY-BEARING DIATOM-RICH SILT Minor Lithology: Dark brown DIATOM-BEARING FORAMINIFER-RICH SILT General Description: Laminated olive green diatom ooze grades into olive green foraminifer ooze below 110 cm in Section 1 and is present again from Section 2, 121 cm through Section 4, 26 cm. Foraminifer ooze is present in Section 1, 110 cm through Section 5, 10 cm. Below Section 5, 10 cm, dark brown, slightly bioturbated silt is the dominant lithology. The base of the second diatom ooze interval is marked by a 7 cm thick dark brown layer composed of DIATOM-BEARING FORAMINIFER-RICH SILT. A small yellow carbonate nodule occurs in Section 2, 112-114 cm. Phosphate nodules mark the top of the silty interval in Section 5, 10 cm. These nodules as well as the sharp contact between the over- and underlying intervals indicate the presence of a unconformity at this depth.
9.0 9.5 10.0	6		Ŷ			÷ S		

			Site 1227 H	ole	B Co	re 3l	н с	ored 14.5-24.0 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.5 6.0 6.5 7.0 7.5 8.0 9.0 9.5	7 6 5 4 3 2 1					Δ 		CLAY-BEARING DIATOM-RICH SILT Dominant Lithology: The entire core consists of homogeneous dark brown CLAY-BEARING DIATOM-RICH SILT 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.

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.

g NO OH STRUCTURE Image: Structure<				Site 1227	Hol	e D C	ore	1H	Cored 0.0-7.5 mbsf
CLAY-RICH DIATOM OOZE and SHELL DEBRIS-BEARING FORAMINIFERAL OOZE Major Lithology: 1. Olive, well laminated CLAY-RICH DIATOM OOZE 2. Olive SHELL DEBRIS-BEARING FORAMINIFERAL OOZE 3.0 3.0 3.5 5.0 4.5 5.5 5.5 6.0 5.5 5 un CLAY-RICH DIATOM OOZE and SHELL DEBRIS-BEARING FORAMINIFERAL OOZE General Description: Sections 2 to 4 consist of lithology 1. Dark green laminae alternate with white laminae. Some of them show angular lamination. In Section 5 and CC a SHELL DEBRIS-BEARING FORAMINIFERAL OOZE is present. Coarser shell debris occurs in Section 5, at 97-105 cm. Section 2, 0-21 cm was sampled for microbiology and interstitial water analysis. IW: 0-15 cm, 60-75 cm, and 100-115 cm Microbiology. Section 2, 0-21 cm was sampled for microbiology. Section 3, 0-72 cm and Section 4, 0-5 cm, was sampled for microbiology.	METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
 CLAY-RICH DIATOM OOZE and SHELL DEBRIS-BEARING FORAMINIFERAL OOZE Major Lithology: 1. Olive, well laminated CLAY-RICH DIATOM OOZE 2. Olive SHELL DEBRIS-BEARING FORAMINIFERAL OOZE 2. Olive SHELL DEBRIS-BEARING FORAMINIFERAL OOZE 2. Olive SHELL DEBRIS-BEARING FORAMINIFERAL OOZE 3.0 Some of them show angular lamination. In Section 5 and CC a SHELL DEBRIS-BEARING FORAMINIFERAL OOZE is present. Coarser shell debris occurs in Section 5, at 97-105 cm. Entire Section 1 was sampled for microbiology and interstitial water analysis. IW: 0-15 cm, 60-75 cm, and 115-150 cm Section 2, 0-21 cm was sampled for microbiology. Section 3, 0-72 cm and Section 4, 0-5 cm, was sampled for microbiology. 						1	1		
7.0	0.5 1.0 2.5 3.0 4.5 5.0 6.5 7.0	5 4 3 2 1						— IW — SS — SS	 CLAY-RICH DIATOM OOZE and SHELL DEBRIS-BEARING FORAMINIFERAL OOZE Major Lithology: Olive, well laminated CLAY-RICH DIATOM OOZE Olive SHELL DEBRIS-BEARING FORAMINIFERAL OOZE General Description: Sections 2 to 4 consist of lithology 1. Dark green laminae alternate with white laminae. Some of them show angular lamination. In Section 5 and CC a SHELL DEBRIS-BEARING FORAMINIFERAL OOZE is present. Coarser shell debris occurs in Section 5, at 97-105 cm. Entire Section 1 was sampled for microbiology and interstitial water analysis. IW: 0-15 cm, 60-75 cm, and100-115 cm Microbiology: 15-60 cm. 75-100 cm, and 115-150 cm Section 2, 0-21 cm was sampled for microbiology. Section 3, 0-72 cm and Section 4, 0-5 cm, was sampled for microbiology. Section 4, 0-5 cm was sampled for microbiology. Section 5, 0-81 cm was sampled for microbiology.

			Site 1227 H	lole	DC	ore 2	2H (Cored 7.5-17.0 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
-		- <mark>v v v v</mark>		1		8		CLAY-BICH DIATOM OOZE and SILT-BICH
0.5 1.0	-							FORAMINIFER OOZE Major Lithologies: 1. Laminated green CLAY-RICH DIATOM OOZE 2. Olive green SILT-RICH FORAMINIFER OOZE
1.5 2.0 2.5	7							General Description: In Section 2, 12-19 cm a dark olive silty layer with two bone fragments is present. The foraminifer ooze occurs in Section 2 through to Section 6. In Section 3 the sediment becomes more silt- and diatom-rich, and layers of
3.0			Ŷ				— XRD	volcanic-glass are present in Section 6.
3.5 4.0	m							
4.5 5.0 5.5	4							
-6.0 -6.5 -7.0	ى د		2					
7.5								
8.0 8.5	Q							
9.0							— ss	

		Site 1227 H	ole	D Co	re 3	н с	ored 17.0-26.5 mbsf
METERS SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
		75					
0.5 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.5 6.0 6.5 7.0 7.5 8.0 9.5						∼ss	 DIATOM-BEARING CLAY- AND PYRITE-RICH SILT Major Lithology: Olive brown, bioturbated DIATOM-BEARING CLAY- AND PYRITE-RICH SILT Minor Lithology: CLAY-BEARING PYRITE-RICH QUARZ GLAUCONITE SILT General Description: Sediment in burrows consists of minor lithology.

			Site 1227 H	ole	D Co	re 4	н с	ored 26.5-36.0 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
-						⁸		PYRITE-, DIATOM- AND CLAY-RICH SILT
0.5 1.0	-					T 	IW	Major Lithology: Dark olive green PYRITE-, DIATOM- AND CLAY-RICH SILT General Description:
2.0 2.5	2						— SS	The entire core consists of dark olive green homogeneous sediment with few coarser burrows. Possible veinlets of very fine grained barite is present in Section 5, 90-110 cm.
3.0 3.5 4.0	ε						IW	
4.5 5.0 5.5	4		Ļ				IW	Section 4, 0-94 cm was sampled for microbiology.
6.0 6.5			1				IW	
7.0 7.5	2		Ŷ		٩	 ↓		
8.0 8.5	9							—— Section 6, 0-135 cm was sampled for microbiology.
9.0 9.5	7					Î Ż	IW	

			Site 1227 H	ole	D Co	re 5	н с	ored 36.0-45.5 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 1.0 2.0 2.5	2					· · · · · · · · · · · · · · · · · · ·	IW	FORAMINIFER-RICH SILTY CLAY Major Lithology: Dark olive green bioturbated FORAMINIFER-RICH SILTY CLAY General Description: The entire core consists of dark olive green sediment with a fairly homogenous appearance. Slight bioturbation is present throughout the core. A barite nodule has been found in Section 4, 94-95 cm. Section 2, 0-99 cm was sampled for microbiology
3.5 4.0 4.5	m						— ss — ıw	merobiology.
5.0 5.5 6.0	4		Ţ		٩		∑ss —ıw	
6.5 7.0	ъ						IW	—— Section 5, 0-62 cm and 86-91 cm was sampled for microbiology.

		Site 1227 H	ole	D Co	re 6	н с	ored 45.5-55.0 mbsf
METERS SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
0.5 $_{1}$ $_{1.0}$ $_{2.0}$ $_{2.5}$ $_{3.0}$ $_{5.5}$ $_{6.0}$ $_{5.5}$ $_{6.0}$ $_{5.5}$ $_{6.0}$ $_{6.5}$ $_{9.0}$ $_{9.0}$	Fy GI GI GI GI					→ XRD → XRD → SS → SS XRD	PYRITE-RICH GLAUCONITE SAND Major Lithology: Very dark olive green PYRITE-RICH GLAUCONITE SAND General Description: The-grained pyrite is present on the surface of 0.5-mm-scale round glauconite grains. Together they form a very dark unlithified sand. A well rounded (terrigenous) pebble was found, surrounded by disseminated barite. 5-mm-scale clams with thick carbonate shells were found in the uppermost part of the core where the sediment is more clay- and silt-rich. A carbonate nodule was found in this interval. 3 cm-scale rounded terrigenous pebble in Section 3.

			Site 1227 H	ole	D Co	re 7l	н с	ored 55.0-64.5 mbsf
METERS	SECTION	GRAPHIC LITH.	STRUCTURE	ICHNO.	DIAGENESIS	DISTURB.	SAMPLE	DESCRIPTION
			3	I		5		GRAVEL Major Lithology: White, dark green and black gravel.



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.

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.						

Sam		Tex	ture		Mineral								Biogenic							Rock												
					<u> </u>						_																		6			
Core	cı	Sct	Top (cm)	Depth (mbsf)	Lithology	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)	Comments
Hole	A			1.70	1.0		00				00					4						10								20		
1	H	2	22	1.72	D		80	20	_		20		1		1	1		1	1		3	43	1		1					30		Clay- and Silt-rich Foraminifer Ooze
1	H	2	24	1./4	M		95	3			3	$\left \right $	1		1	1		2	1		8/	2	3		1					20		Clay-bearing Diatom Ooze
1	п		63	5.12		4	02	20			20	\vdash	-		1	1	2	1	2		41	12	1		<u> </u>					30	<u> </u>	Diatom bearing Foramonifer rich Silt
2	н	4 3	116	9.76		-4	92	10	+		10	++				1	2 1	3	1		10	15	1							76		Clay_ and Diatom_rich Silt
2	н	4	110	9.70	D		90	10	-		10		-	*			1	3			2		1						1	83		Clay-rich Silt
3	H	1	60	15.70	D		91	9			9		-	_			1	4	2		15		1					4	1	65		Clay-hearing Diatom-rich Nannofossil Ooze
3	Н	1	116	16.26	M	70	26	4	-	2	4		-				5	3	4		4							1		9	69	Plagioclase- and Silt-bearing Volcanic Ash
3	н	3	36	18.46	D	10	91	9	+		9	$\left \right $	-			4	*	5	1		25			*		*				61	0,	Clay-bearing Diatom-rich Silt
3	Н	6	86	23.46	M		1	99	-		F		-			*	*		1		5		*				95			01		Diatom-bearing Clay
4	H	1	90	25.50	D		95	5			10						*	*			10	1	*	1						78		Diatom-rich Silt
4	Н	4	67	29.67	M		5	95			3					1	*				5	-		-			91					Diatom-bearing Clay
5	H	6	110	42.70	D	<u> </u>	5	95	-		*		-	5		-	*	10	*											85		Gloconite-bearing Pyrite-rich Silt
6	Н	3	20	46.80	D	10	70	20	+	*	5		*	*				7	*											88		Pyrite-bearing Silt
6	Н	3	120	47.80	D		2	98			64		1	*		*		5	*	*	30				*							Pyrite-bearing Diatom-rich Clay
6	Н	3	120	47.80	D		20	80	1				-	90		*			*		10											Pyrite-bearing Diatom-rich Clay
6	Н	3	130	47.90	D		80	20		82	15					*	*		*		3											Silt
6	Н	3	135	47.95	D		20	80	1		5					*	*		*											65	30	Clay-bearing volcanic glass-rich Carbonate Ooze
7	Н	1	41	53.51	D						5			*		*					85	*	10									Clay-bearing Nannofossil-rich Diatom Ooze
7	Н	1	92	54.02	D						5						*	*			80	1	10							4		Clay-bearing Diatom Ooze
7	Н	3	48	56.58	D						5			*				*			89	*	5		1							Clay- and Nannofossil-bearing Diatom Ooze
9	Н	4	15	76.75	D		90	10			8					4		4			76		8									Clay- and Nannofossil-rich Diatom Ooze
9	Η	4	71	77.31	D		90	10			9							3			88											Clay-bearing Diatom Ooze
9	Н	4	72	77.32	D		70	30			30					4	1	4			55		5		1							Nannofossil-bearing Clay-Diatom Ooze
10	Η	3	39	84.99	М		90	10			10					5	1			*	9	*	20					*		51	4	Diatom-bearing Nannofossil-rich Ooze
11	Н	3	118	95.28	М		99	1									5		1		*										94	Plagioclase-bearing Volcanic Ash
14	Η	2	70	121.80	D													*	*		78	1	20		1							Nannofossil-rich Diatom-Ooze
17	Η	1	68	132.78	D						8							5			52		35									Pyrite- and Clay-bearing Nannofossil-rich Diatom
																																Ooze
Hole	В																				1											
1	Н	1	39	0.39	D							1 1	10						*		63	*	1				25					Silt- and Clay-rich Diatom Ooze
1	Н	3	132	4.32	М								*						*		60	5	35									Foraminifer-bearing Nannofossil-rich Diatom Ooze
Hole	D		100	0.50	D		140	1.00								-					1.70						10			-		
	H	2	100	2.50	D	<u> </u>	10	90				\vdash				5	*		*		79	*	1				10			5	<u> </u>	Diatom Ooze
1	H	3	116	4.16	M		-	0.5	-		-					*	*				97						3			-		Diatom Ooze
2	H		13/	8.8/	M		5	95		*	5	\vdash	^			-		*	*		1/	*	*		*		15			3	77	Clay-bearing Diatom Ooze
	H	6	129	16.29	M		00	10	-				_	0.5		5			0.5		20									20	/5	Diatom-rich volcanic Glass
-3-	H	2	50	19.00	M		90	10			9		-	25		10	1	1.5	25		2	*								28		Clay-bearing Pyrite-rich Quartz and Glauconite Slit
	п	2	32	19.02			90	10	+		10	\vdash	-+	1				15			15	-				*				50		Diatom-bearing Clay- and Pyrite-rich Silt
4	п	2 F	41	20.41	D V		00	15	70	0	15	$\left \right $		1		20		10			15	*				*	-	-		39		Carbonato hoaring Draito rich Parite Class
-4	п	2	102	33.52	D	+	30	20	1/0	9		++				20	*				1	1.5	1			<u> </u>	16	-		5.4		Carbonate-Dearing Pyrite-rich Barite Clay
-5	п	3	90	39.90	M	-	00	20	00		-	++	-+			10				-	+ *	13	1 *	-	-	-	10	-	-	34	-	Parito Silt
6	н Н	2	20	47.20	D	-	00	10	90		-	++	-+	4		10	1	20		-	-	-		-		-	67		-	0		Claucopite bearing Purite rich Clauou Silt
6	Н	3	19	48.69	M	-	1.0	10	50		-	++		т			1	5		-	-	-		-	-	-	0/		-	45		Pyrite-bearing Barite Silt