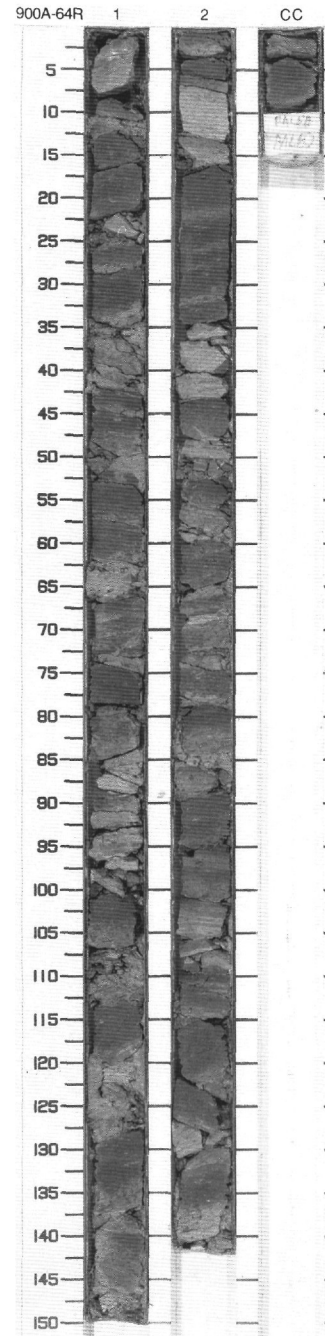


SITE 900 HOLE A CORE 64R

CORED 595.1 - 604.6 mbsf

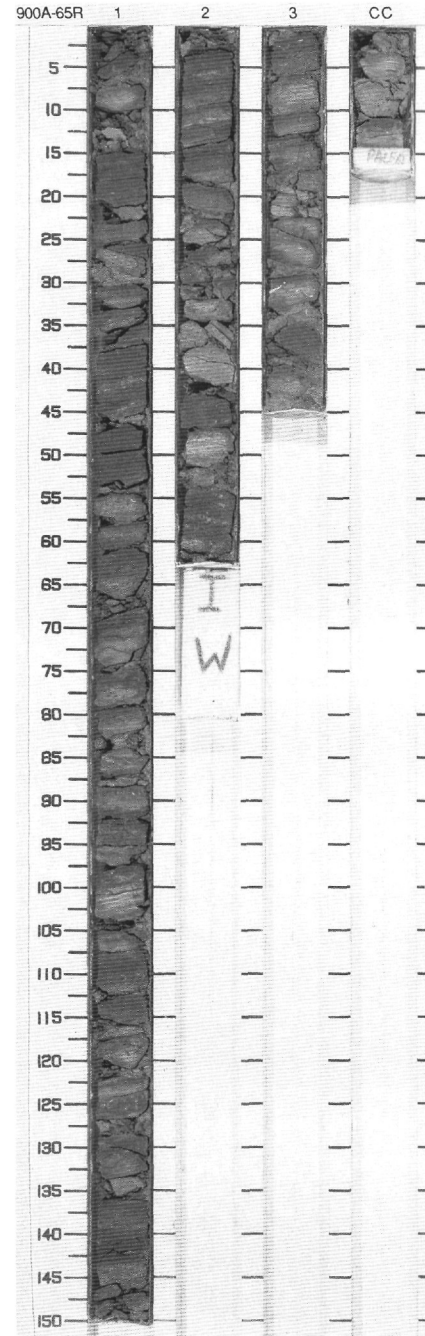
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	middle Eocene			P	5Y 4/1 To N7	<p>SILTY CLAYSTONE</p> <p>Major Lithology: Dark greenish gray (5GY 4/1), brownish gray (5YR 4/1) to greenish gray (5GY 6/1) SILTY CLAYSTONE forms 63% of the core.</p> <p>Minor Lithologies: Dark greenish gray (5GY 4/1) and greenish gray (5GY 4/1) CALCAREOUS CLAYSTONE WITH SILT comprises 17% of the core, and light gray (N7) CALCAREOUS SILTY SANDSTONE 20%.</p> <p>General Description: The core contains upwards-darkening sequences. Due to intense drilling fracturing, it is not possible to estimate the thickness of the sequences. They are composed of a basal CALCAREOUS SILTY SANDSTONE, followed by calcareous CLAYSTONE WITH SILT overlain by SILTY CLAYSTONE.</p>
2		2				P		
3		CC				M		



SITE 900 HOLE A CORE 65R

CORED 604.6 - 614.1 mbsf

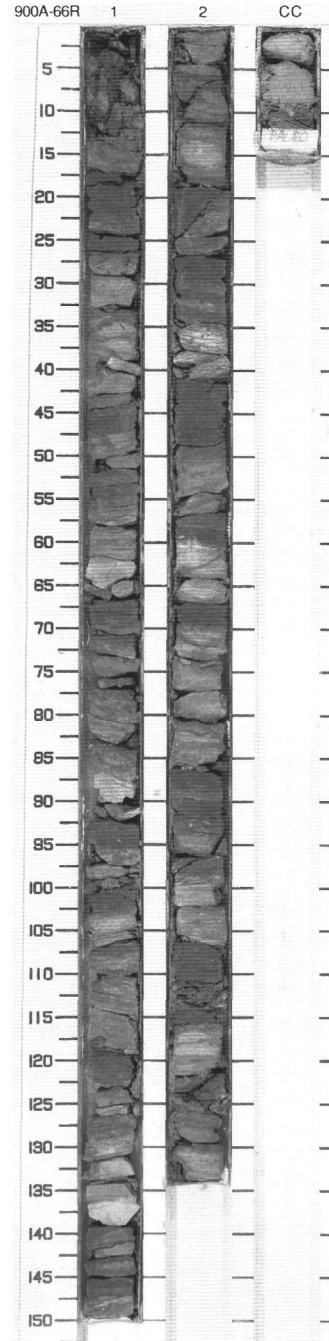
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	middle Eocene	}}	✓	S	5GY 4/1 To 5B 7/1	<p>SILTY CLAYSTONE and CALCAREOUS CLAYSTONE WITH SILT</p> <p>Major Lithologies: Olive gray (5Y 4/1) and dark greenish gray (5GY 4/1) SILTY CLAYSTONE forms 60% of the core. CALCAREOUS CLAYSTONE WITH SILT is dark greenish gray (5GY 4/1) or greenish gray (5GY 6/1) in color and comprises 30% of the core.</p> <p>Minor Lithology: Light bluish gray (5B 7/1) CALCAREOUS SANDY SILTSTONE forms 10% of the core.</p> <p>General Description: The core consists of numerous darkening and fining upwards sequences. The intense biscuiting precludes any estimation of the original thickness and number of sequences.</p>
2		2		}}	✓	P		
3		3		}}	✓	I		
		CC				M		



SITE 900 HOLE A CORE 66R

CORED 614.1 - 623.8 mbsf

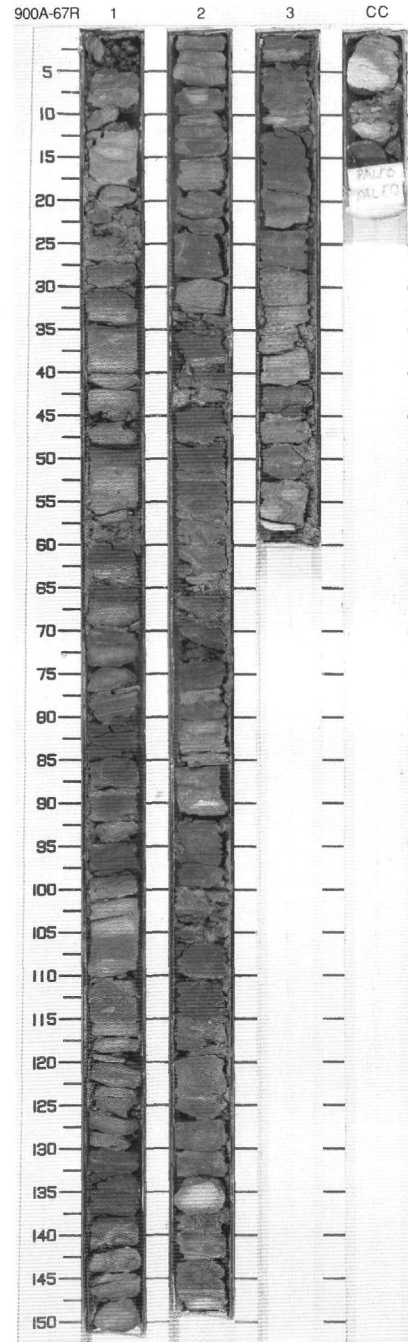
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	middle Eocene			S	5GY 4/1 To 5B 7/1	<p>SILTY CLAYSTONE TO CLAYSTONE, CALCAREOUS CLAYSTONE WITH SILT and CALCAREOUS SANDSTONE TO SILTY SANDSTONE</p> <p>Major Lithologies: Dark greenish gray (5G 4/1) SILTY CLAYSTONE TO CLAYSTONE forms 40% of the core. Highly cemented, greenish gray (5G 6/1) CALCAREOUS CLAYSTONE WITH SILT comprises 30%, as does light bluish (5B 7/1), highly cemented SANDSTONE to SILTY SANDSTONE.</p>
2		2				P		
		cc	M					
<p>General Description: The core consists of numerous darkening and fining upwards sequences. The CALCAREOUS SANDSTONE TO SILTY SANDSTONE shows ripple marks, flute and load casts are present. The intense biscuiting precludes any estimation of the original thickness and the number sequences.</p>								



SITE 900 HOLE A CORE 67R

CORED 623.8 - 633.4 mbsf

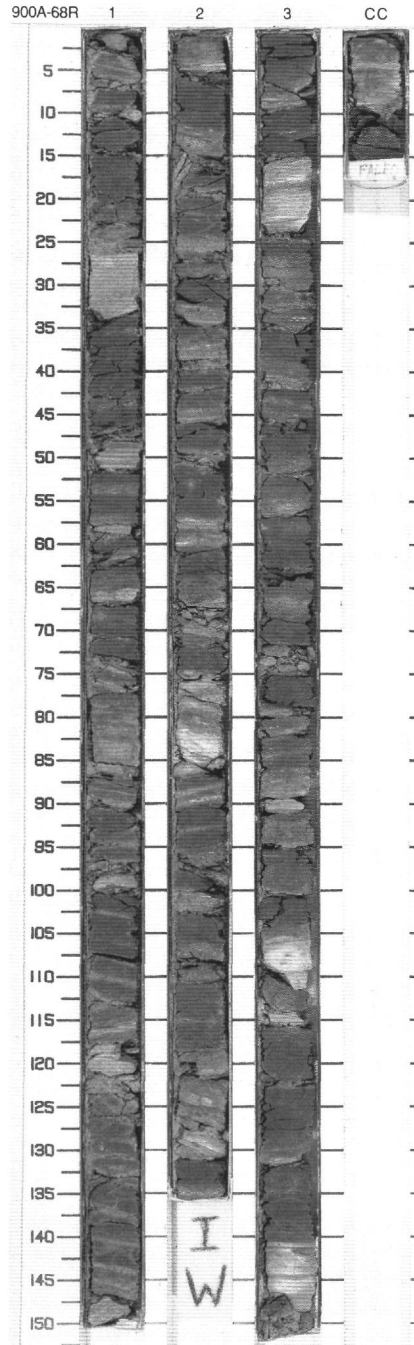
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	middle Eocene	[Wavy lines]	[Wavy lines]	S	5G 4/1 To 5GY 6/1	<p>CLAYSTONE and CALCAREOUS CLAYSTONE WITH SILT</p> <p>Major Lithologies: Dark greenish gray (5G 4/1) CLAYSTONE forms about 40% of the core and greenish gray (5GY 6/1) CALCAREOUS CLAYSTONE WITH SILT 50%.</p> <p>Minor Lithology: Medium dark gray (N4) to medium gray (N5) SILTY SANDSTONE comprises 10% of the core.</p> <p>General Description: Core biscuits are very common in this core, which consists of upwards-darkening sequences 3-5 cm thick. A basal bioturbated to laminated calcareous SILTY SANDSTONE is overlain by CALCAREOUS CLAYSTONE WITH SILT followed by CLAYSTONE. The sandstone shows evidence of soft sediment deformation and is cemented by calcite.</p>
2	[Dotted pattern]	2				P		
3	[Dotted pattern]	3				P		
		CC				M		



SITE 900 HOLE A CORE 68R

CORED 633.4 - 643.1 mbsf

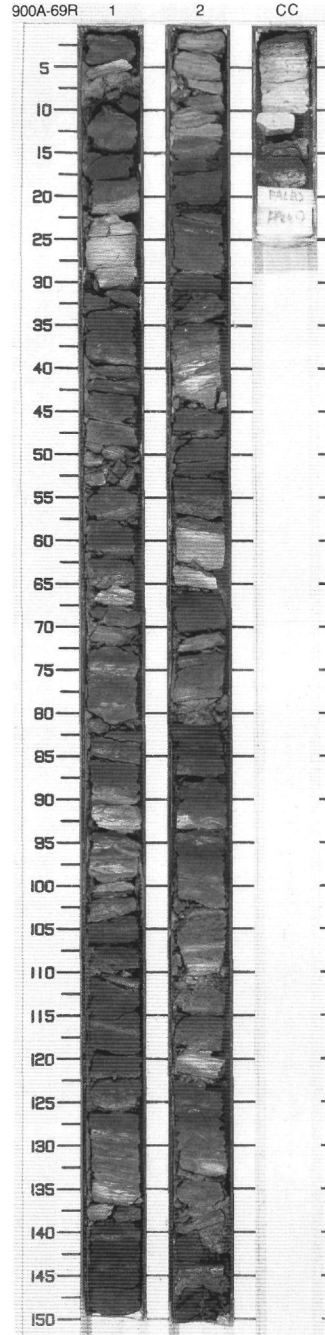
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	middle Eocene	[Wavy lines]	[Wavy lines]	P	5G 4/1 To 5G 6/1	<p>CLAYSTONE and CLAYSTONE WITH SILT</p> <p>Major Lithologies: Dark greenish gray (5G 4/1) to dark yellowish brown (10YR 4/2) CLAYSTONE forms 55% of the core, and greenish gray (5G 6/1) CLAYSTONE WITH SILT 35% of the core.</p> <p>Minor Lithology: Medium dark gray (N4) to medium gray (N5) CALCAREOUS SANDSTONE makes up 10% of the core.</p> <p>General Description: This core is similar to Core 67R. Upwards-darkening sequences, 3–15 cm thick, occur throughout the core and consists of a basal, calcite-cemented SANDSTONE overlain by CLAYSTONE WITH SILT followed by CLAYSTONE. The SANDSTONE (up to 7 cm thick) is laminated to bioturbated, lenticular to continuous, and commonly alternates with thin laminae of CLAYSTONE. The contact between the calcareous SANDSTONE and the overlying CLAYSTONE varies from sharp, to gradational where it is bioturbated. More dark yellowish CLAYSTONE is present in this core than in Core 67R.</p>
2	[Dotted pattern]	2		[Wavy lines]	[Wavy lines]	S		
3	[Dotted pattern]	3		[Wavy lines]	[Wavy lines]	P		
4	[Dotted pattern]	3		[Wavy lines]	[Wavy lines]	I		
	[Dotted pattern]	3		[Wavy lines]	[Wavy lines]	P		
	[Dotted pattern]	3		[Wavy lines]	[Wavy lines]			
	[Dotted pattern]	3		[Wavy lines]	[Wavy lines]			
	[Dotted pattern]	3		[Wavy lines]	[Wavy lines]			
	[Dotted pattern]	3		[Wavy lines]	[Wavy lines]			
	[Dotted pattern]	3		[Wavy lines]	[Wavy lines]			
	[Dotted pattern]	CC						



SITE 900 HOLE A CORE 69R

CORED 643.1 - 652.7 mbsf

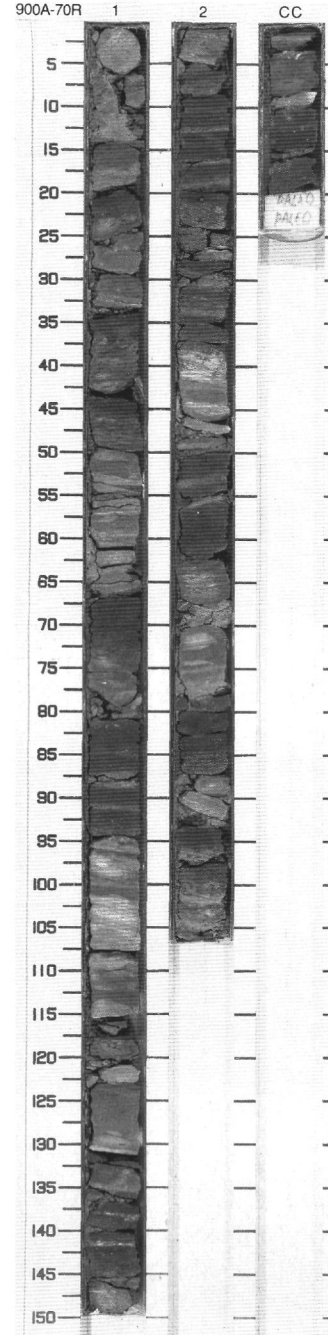
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	middle Eocene	[Symbol]	P		5G 6/1 To 5YR 3/4	<p>CLAYSTONE/CALCAREOUS CLAYSTONE, CLAYSTONE WITH SILT, and CALCAREOUS SANDSTONE</p> <p>Major Lithologies: Dark greenish gray (5G 4/1) to moderate brown (5YR 3/4) CLAYSTONE/CALCAREOUS CLAYSTONE forms 45% of the core, and greenish gray (5G 6/1) CLAYSTONE WITH SILT 35%. Medium gray (N4) to medium gray (N5) CALCAREOUS SANDSTONE comprises 20% of the core.</p>
2	[Pattern]	2		[Symbol]				
3	[Pattern]	CC		[Symbol]	M			<p>General Description: CALCAREOUS SANDSTONE is more abundant in this core than in Cores 66 and 67. It is thinly laminated to bioturbated, discontinuous to continuous and is cemented by calcite. CLAYSTONE WITH SILT and CLAYSTONE successively overlie the CALCAREOUS SANDSTONE. The CLAYSTONE in this core is a darker shade of brown than in previous cores. Individual upwards-darkening sequences are more difficult to distinguish probably because of bioturbation.</p>



SITE 900 HOLE A CORE 70R

CORED 652.7 - 662.4 mbsf

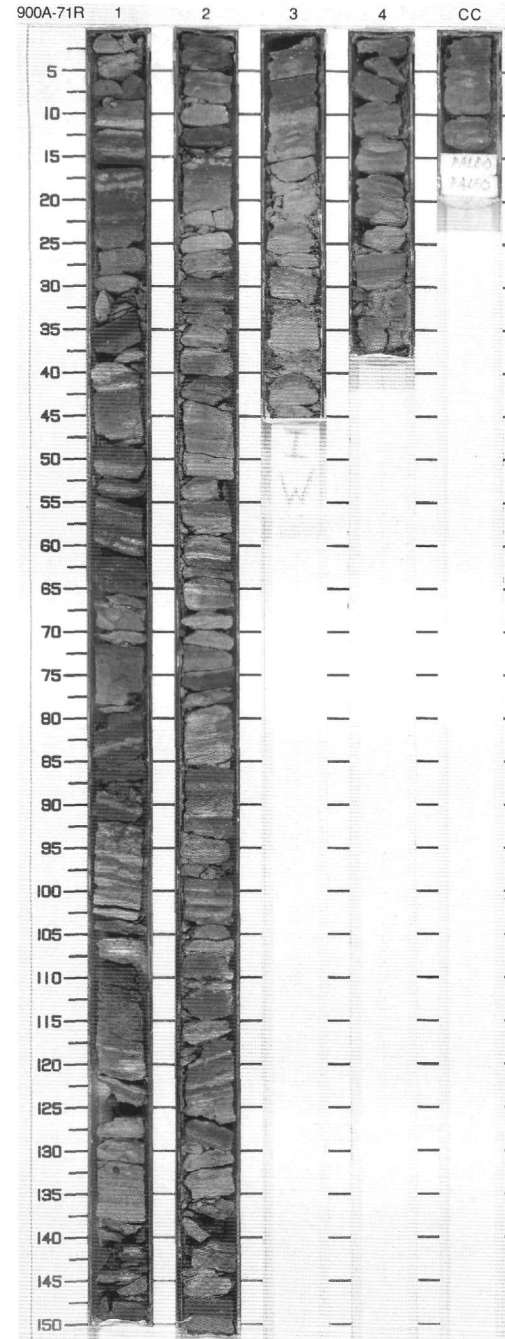
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Graphic Lith. 1]	1	middle Eocene	}	}	S	5GY 6/1 To 5YR 3/4	CALCAREOUS CLAYSTONE WITH SILT and CLAYSTONE
2	[Graphic Lith. 2]	2				P		
		CC				M		<p>Major Lithologies: CALCAREOUS CLAYSTONE WITH SILT is mostly greenish gray (5GY 6/1) in color, but some intervals are pale yellowish brown (10YR 6/2); it forms 42% of the core. CLAYSTONE WITH SILT is dominantly moderate brown (5YR 3/4) in color, with thin (up to 1 cm) bands of dark greenish gray (5GY 4/1); it forms 50% of the core.</p> <p>Minor Lithology: Calcite-cemented calcareous SANDSTONE is medium gray (N4, N5), and forms 8% of the core.</p> <p>General Description: Upwards-darkening sequences are present in many parts of the core. They consist of a basal CALCAREOUS SANDSTONE overlain by CALCAREOUS CLAYSTONE WITH SILT, and capped by CLAYSTONE. Burrows filled with CLAYSTONE penetrate the CALCAREOUS CLAYSTONE WITH SILT. The basal CALCAREOUS SANDSTONE intervals have sharp bases and tops, but those within the CALCAREOUS CLAYSTONE WITH SILT are mostly lenticular, and contain thin (0.5-1.0 mm) claystone lamina, and occasionally the shape of their tops is suggestive of ripples. Some CALCAREOUS SANDSTONE layers are disrupted by burrowing.</p>



SITE 900 HOLE A CORE 71R

CORED 662.4 - 672.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1			}}	P		CLAYSTONE TO SILTY CLAYSTONE, CALCAREOUS CLAYSTONE WITH SILT and CALCAREOUS SILTY SANDSTONE/SANDSTONE Major Lithologies: Moderate brown (5YR 3/4) CLAYSTONE to SILTY CLAYSTONE forms 40% of the core, and greenish gray (5GY 6/1) to pale yellowish brown (10YR 6/2) CALCAREOUS CLAYSTONE WITH SILT 30%. Medium dark gray (N4) to medium gray (N5) CALCAREOUS SILTY SANDSTONE/SANDSTONE CONTAINS ripple marks, cross- and parallel-lamination, and forms 30% of the core.
2		2	middle Eocene		}}	P	5YR 3/4 To N7	
3		3			}}	P	I	
4		4			}}	M		
		CC						General Description: The core consists of numerous normally darkening upwards sequences. The intense biscuiting precludes any estimation of the original number and thickness of the sequence.



SITE 900 HOLE A CORE 72R

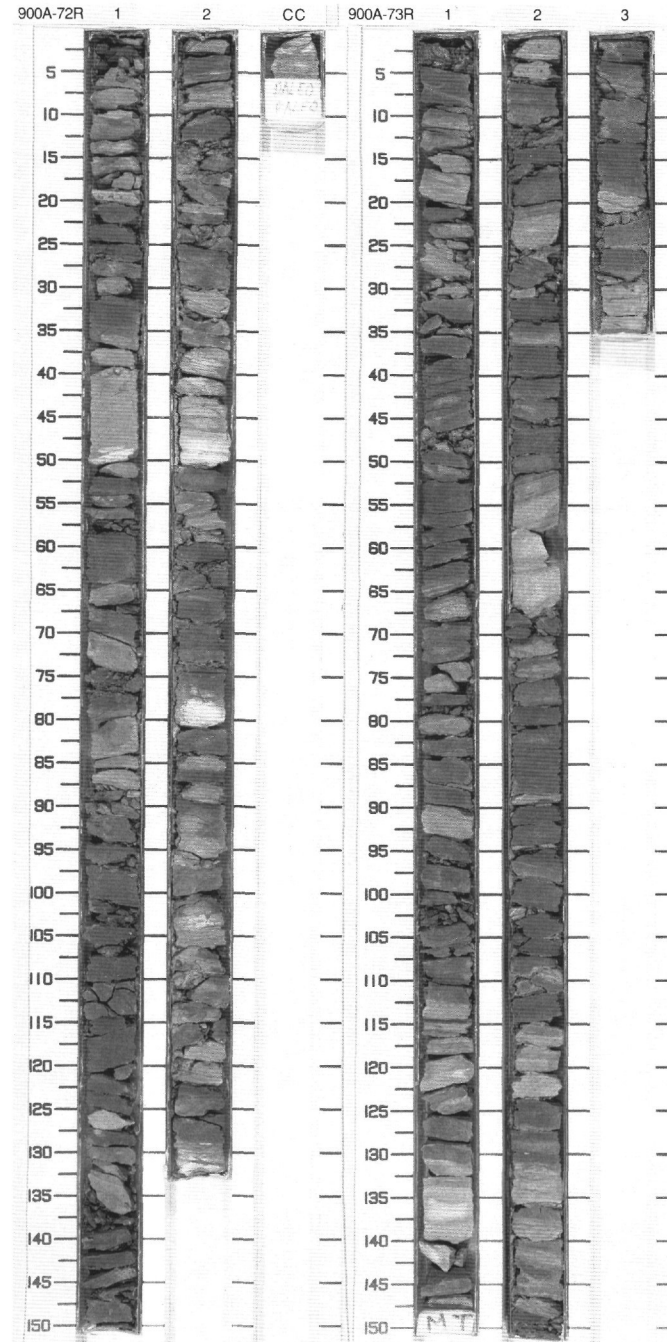
CORED 672.1 - 681.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	middle Eocene	...	}}	M	5GY 4/1 To N7	<p>SILTY CLAYSTONE TO CLAYSTONE, CALCAREOUS CLAYSTONE WITH SILT and CALCAREOUS SILTY SANDSTONE/SANDSTONE</p> <p>Major Lithologies: Dark greenish gray (5G 4/1) SILTY CLAYSTONE TO CLAYSTONE forms 30% of the core, and indurated, dark greenish gray (5G 4/1) to greenish gray (5G 6/1) CALCAREOUS CLAYSTONE WITH SILT 35%. Highly cemented, light gray (N7) CALCAREOUS SILTY SANDSTONE/SANDSTONE shows cross-, parallel and wavy lamination, and forms 35% of the core.</p> <p>General Description: The core consists of numerous darkening and mostly fining upwards sequences. The intense biscuiting precludes any estimation of the original thickness and number of sequences.</p>
2		2		...	}}			

SITE 900 HOLE A CORE 73R

CORED 681.7 - 691.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description	
1		1	middle Eocene		}}	P	5GY 4/1 To N5	<p>CLAYSTONE TO SILTY CLAYSTONE and CALCAREOUS SANDSTONE</p> <p>Major Lithologies: Dark greenish gray (5GY 4/1) CLAYSTONE TO SILTY CLAYSTONE forms 60% of the core, and medium gray (N6), fine-grained, calcite cemented CALCAREOUS SANDSTONE 40%.</p> <p>General Description: The core is highly brecciated due to drilling in pieces 2 to 4 cm across. CLAYSTONE TO SILTY CLAYSTONE and CALCAREOUS SANDSTONE alternate through the core.</p>	
2		2			}}				P
3		3			}}				P M



SITE 900 HOLE A CORE 74R

CORED 691.4 - 701.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	middle Eocene	...		P	5GY 4/1 To N6	<p>SILTY CLAYSTONE TO CLAYSTONE and CALCAREOUS SANDSTONE</p> <p>Major Lithologies: Dark greenish gray (5GY 4/1) SILTY CLAYSTONE TO CLAYSTONE forms 60% of the core. Parallel- and cross-laminated, fine-grained, light gray (N6) CALCAREOUS SANDSTONE forms 35% of the core.</p> <p>Minor Lithology: Light greenish gray (5GY 8/1) NANNOFOSSIL CLAYSTONE forms 5% of the core.</p> <p>General Description: The core consists of several upwards-darkening sequences, which consist of a basal CALCAREOUS SANDSTONE, followed by NANNOFOSSIL CLAYSTONE and overlain by SILTY CLAYSTONE TO CLAYSTONE.</p>
2	[Dotted pattern]	2		...		P		
	[Dotted pattern]			...		S		
	[Dotted pattern]			...		M		

