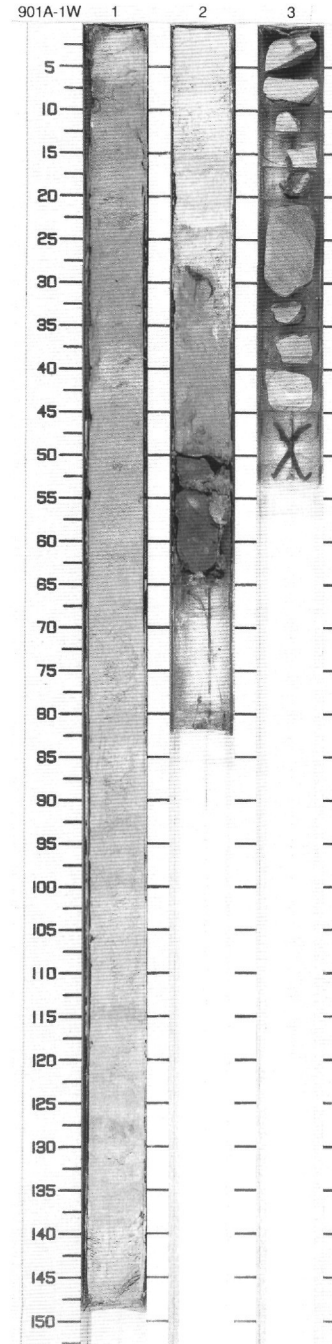


SITE 901 HOLE A CORE 1W

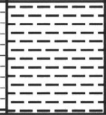
CORED 0.0 - 182.2 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Pattern]	1	late Aptian - Pleistocene				5YR 8/1 To 5Y 8/1	<p>NANNOFOSSIL CLAY and CLAY WITH SILT</p> <p>Major Lithologies: NANNOFOSSIL CLAY is pinkish gray (5YR 8/1) to yellowish gray (5Y 8/1) and occurs in Sections 1 and 2. CLAY WITH SILT is moderate yellowish brown in color and occurs in Section 2.</p>
2	[Pattern]	2						
3	[Pattern]	3	early Tithonian					<p>Minor Lithologies: CALCAREOUS SANDSTONE is very fine-grained, and is greenish gray (5GY 6/1) to light olive gray (5Y 6/1). It occurs in pieces in Section 3, and shows parallel and cross-lamination and contains significant amounts of lithic fragments (sedimentary and metamorphic). One half of Piece 1 contains plant debris up to 0.5 cm across. Piece 5 shows bedding dipping at 20 degrees. MICRITIC LIMESTONE occurs at the base of Section 2, and is dark gray (N3) when wet. One piece shows two faintly laminated silt layers, one of which is pierced by a single burrow; the apparent bedding dip is very steep (75 degrees).</p> <p>General Description: Although a washed core, the NANNOFOSSIL CLAYSTONE and CLAYSTONE WITH SILT show remarkably little disturbance.</p>

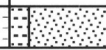
901A-2R NO RECOVERY

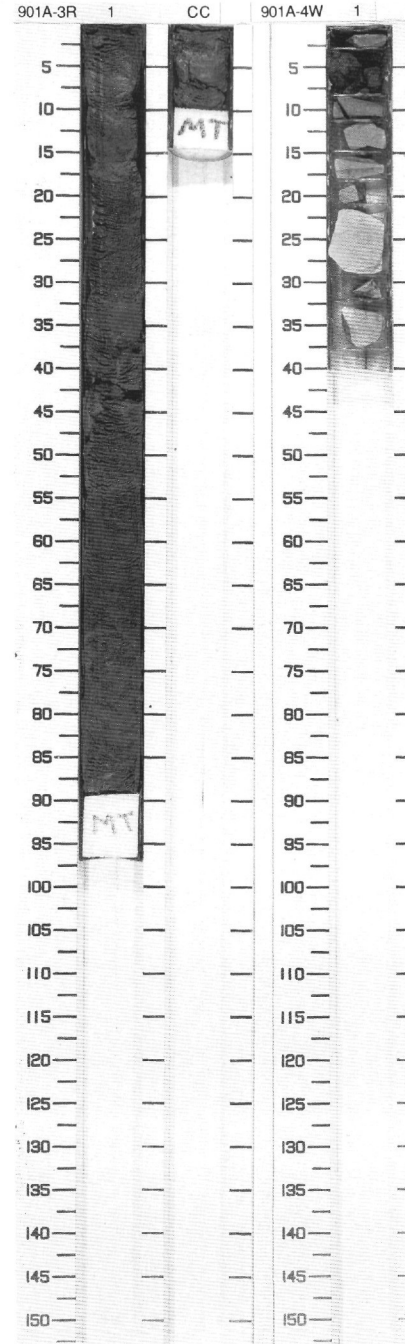


SITE 901 HOLE A CORE 3R CORED 191.3 - 200.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Tithonian	◇ 4	---	S	N4	<p>CLAYEY SILT</p> <p>Major Lithology: Medium dark gray (N4) CLAYEY SILT comprises 99% of the core.</p> <p>Minor Lithology: Medium dark gray (N4) SANDSTONE forms 1% of the core.</p> <p>General Description: The core consists of structureless CLAYEY SILT. An isolated SANDSTONE pebble (3x2 cm) containing wood fragments occurs in Section 1, 37-38 cm.</p>

SITE 901 HOLE A CORE 4W CORED 200.8 - 219.8 mbsf

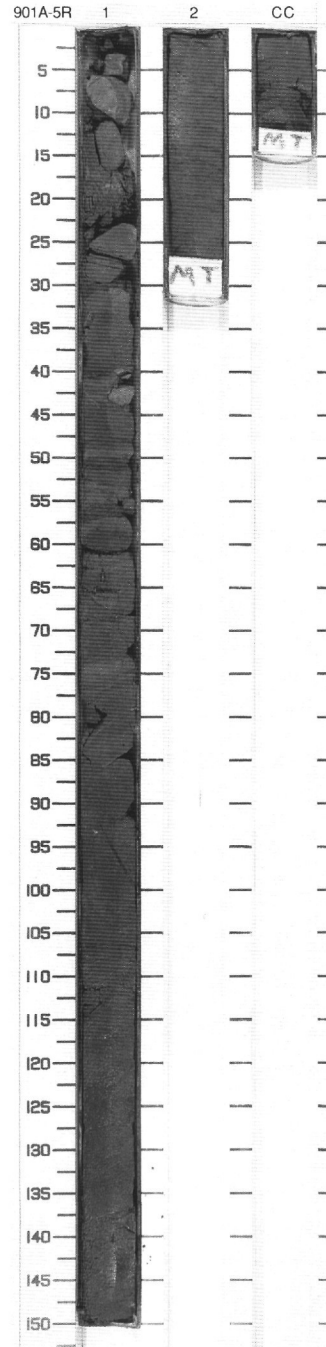
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	early Tithonian		∇∇		5GY 6/1	<p>CALCAREOUS SANDSTONE and CALCAREOUS CLAYSTONE</p> <p>Major Lithologies: Fine-grained CALCAREOUS SANDSTONE (Pieces 2-6, 9) is greenish gray (5GY 6/1) to light olive gray (5Y 6/1), and contains fine black plant debris. CALCAREOUS CLAYSTONE (Pieces 7, 8) is olive black (5Y 2/1) when wet and light gray (N7) when dry; it shows conchoidal fracturing. It is massive, and the top of Piece 7 contains two lighter yellowish bands 2-3 mm thick with gradational bases and sharp tops.</p> <p>Minor Lithology: Very fine-grained DOLOMITE WITH CALCITE (Piece 1) is olive gray (5Y 6/1), and contains silt, and empty vugs up to 0.5 mm in diameter lined with carbonate crystals.</p> <p>General Description: This washed core contains pieces of lithologies recovered by Cores 3 and 5.</p>



SITE 901 HOLE A CORE 5R



CORED 219.8 - 229.4 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	early Tithonian				5Y 2/1	<p>CLAY WITH SILT</p> <p>Major Lithology: CLAY WITH SILT is olive black (5Y 2/1) in color and forms about 90% of the core. It contains two intervals about 1 cm thick of laminated silt and fine plant debris.</p> <p>Minor Lithologies: CALCAREOUS SANDSTONE is greenish gray (5GY 6/1) to light olive gray (5Y 6/1), and contains either faint light colored parallel laminae, or dark colored black laminae containing plant debris; it forms about 10% of the core. DOLOMITE WITH CALCITE occurs as two pieces at the top of Section 1. It is olive gray (5Y 6/1) and is similar to that described in Core 4W.</p> <p>General Description: The CLAY WITH SILT shows core biscuits 1-10 cm thick and some microfaults.</p>
		2				M		



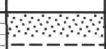

SITE 901 HOLE A CORE 6R

CORED 229.4 - 238.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	early Tithonian			M	5Y 2/1	<p>SILTY CLAY</p> <p>Major Lithology: SILTY CLAY is olive black (5Y 2/1) and forms 90% of the core.</p> <p>Minor Lithologies: CALCAREOUS SANDSTONE is greenish gray (5GY 6/1) and is faintly laminated; it forms about 10% of the core. One fragment of DOLOMITE WITH CALCITE occurs at 30 cm in Section 1, and is similar to that described in Core 4W.</p> <p>General Description: The SILTY CLAY contains core biscuits 2-5 cm thick.</p>

SITE 901 HOLE A CORE 7R

CORED 238.1 - 247.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	early Tithonian			M	5Y 2/1	<p>CLAY WITH SILT</p> <p>Major Lithology: CLAY WITH SILT is olive black (5Y 2/1). It is greenish gray (5GY 5/1) from 32 cm to the base of the core and shows parallel laminae containing silt and fine-grained plant debris.</p> <p>Minor Lithology: Fine-grained CALCAREOUS SANDSTONE is greenish gray (5GY 6/1) to light olive gray (5Y 6/1) in color, and shows parallel laminae containing plant debris; it occurs in a 20 cm interval at the top of the core.</p>

