

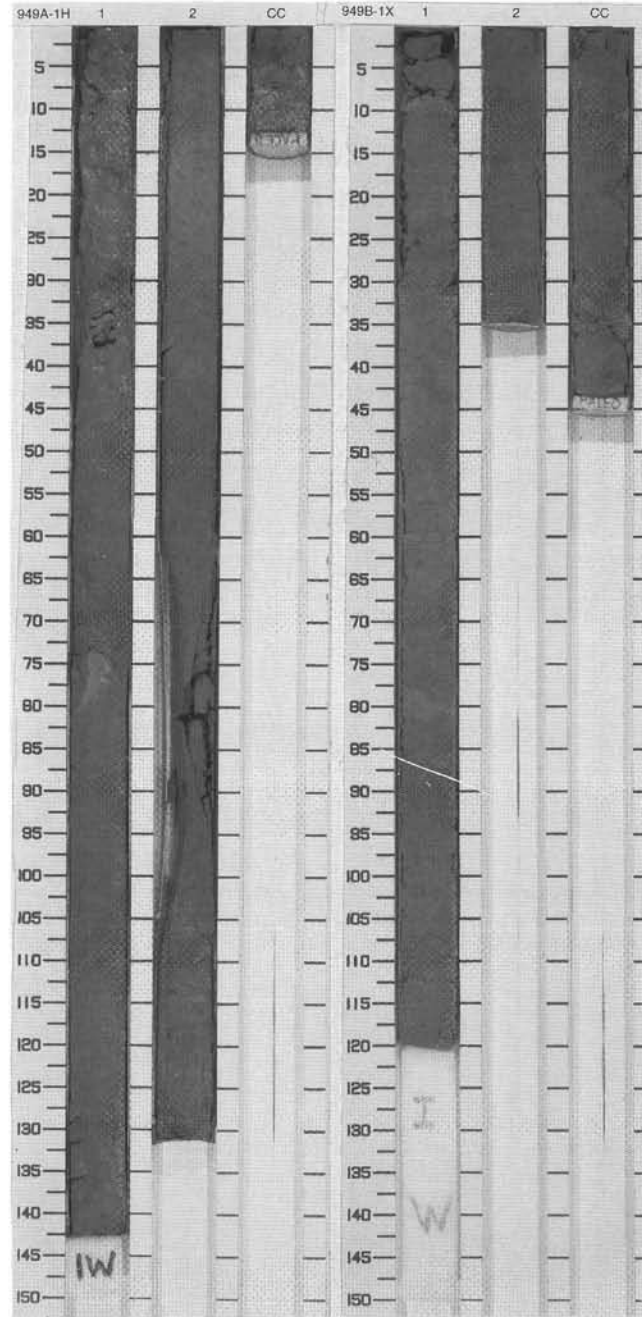
SITE 949 HOLE A CORE 1H CORED 0.0 - 3.0 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1	[Dotted pattern]	1	early Pleistocene	-A	CC	X	10YR 6/2	<p>CLAY WITH NANNOFOSSILS</p> <p>Major Lithology: Light brownish gray (8YR 6/2-10YR 6/2) clay with nannofossils and clay with nannofossils and foraminifers. Intervals slightly lighter in color contain more foraminifers.</p> <p>Minor Lithology: Disrupted, light gray (10YR 6/1) volcanic ash layers in Section 1, 30-43 and 72-80 cm; and CC, 4-6 cm.</p> <p>Whole Round Sampling: IW: Section 1, 143-150 cm.</p>
2	[Dotted pattern]	2		-A		X		
		CC		-A		P MX		

Drilled 3.0-244.1 mbsf

SITE 949 HOLE B CORE 1X CORED 244.1 - 253.8 mbsf

Bedding Dip	Scaly Fabric	Deformation Features	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 30 60			1	[Dotted pattern]	1	indet.		W	X	5Y 6/1 To 10Y 6/1	<p>CLAYSTONE WITH NANNOFOSSILS</p> <p>Major Lithology: Light olive gray (5Y 6/1-10Y 6/1), bioturbated, mottled, claystone with nannofossils. Poorly consolidated. Moderately disturbed by drilling, with 4-5 cm "biscuits."</p> <p>Structural Features: True bedding inclination is 19-33 degrees.</p> <p>Whole Round Sampling: IW: Section 1, 120-150 cm.</p>
			2	[Dotted pattern]	2	middle Miocene			X		
					CC				P M		

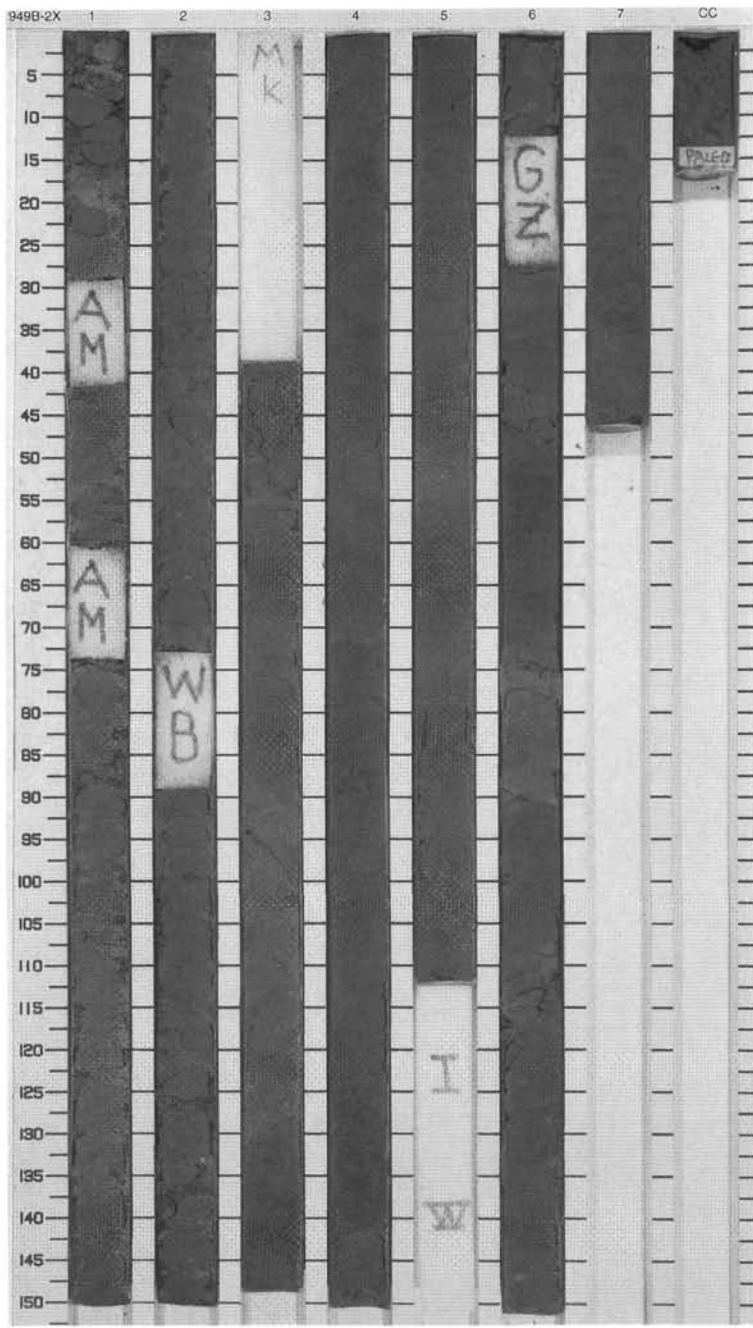


SITE 949 HOLE B CORE 2X

CORED 253.8 - 263.5 mbsf

Bedding Dip	Scaly Fabric	Deformation Features	Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
●			1	[Dotted pattern]	1	middle Miocene	X	WX		CLAYSTONE WITH NANNOFOSSILS and CLAYSTONE
			1	[Dotted pattern]	1	middle Miocene		W		<p>Major Lithologies:                      Section 1–Section 2, 10 cm: Gray to light olive gray (5Y 6/1–10Y 6/1), bioturbated, mottled claystone with nannofossils. Section 2, 10 cm–CC: Gray to light olive gray (5Y 6/1–10Y 6/1) and light brownish gray (10YR 6/1), bioturbated, mottled claystone. <i>Zoophycos</i> at Section 2, 107 cm. Dark olive green mud chips occur in Sections 5–7. Moderately deformed, with 2–5 cm "biscuits."</p> <p>Structural Features:                      Section 3, 129 cm to Section 5, 15 cm and Section 6, 48–61 cm exhibit millimeter- to decimeter-scale zones of intense scaly fabric. True dip of zones is 22–62 degrees; they show reverse sense of displacement. In Section 4, zones alternate with fracture networks and intact intervals. Light brownish gray color occurs mainly in or close to deformed intervals. True bedding inclination is 12–41 degrees.</p> <p>Whole Round Sampling:                      AM: Section 1, 28–42 and 60–74 cm.                      WB: Section 2, 72–88 cm.                      MK: Section 3, 0–40 cm.                      IW: Section 5, 110–150 cm.                      GZ: Section 6, 11–26 cm.</p>
			2	[Dotted pattern]	2			P		
			2	[Dotted pattern]	2		X	X		
			2	[Dotted pattern]	2		P	P	5Y 6/1 To 10Y 6/1	
			2	[Dotted pattern]	2		X	S		
			2	[Dotted pattern]	2		W	W		
			3	[Dotted pattern]	3		X	X		
			3	[Dotted pattern]	3		W	W		
			4	[Dotted pattern]	4		P	X		
			4	[Dotted pattern]	4		X	X		
			5	[Dotted pattern]	4		P	X	2.5Y 6/1	
			6	[Dotted pattern]	4		X	X		
			6	[Dotted pattern]	4		P	P	10YR 2/1	
			7	[Dotted pattern]	5	indeterminate		P		
			7	[Dotted pattern]	5	indeterminate		X	5Y 6/1 To 10Y 6/1	
			8	[Dotted pattern]	6	indeterminate		P		
			8	[Dotted pattern]	6	indeterminate		W		
			9	[Dotted pattern]	7	indeterminate		X	2.5Y 6/1 To 10Y 6/1	
			9	[Dotted pattern]	7	indeterminate		S		
			9	[Dotted pattern]	7	indeterminate		P		
			9	[Dotted pattern]	7	indeterminate		P		
			9	[Dotted pattern]	7	indeterminate		MX		

0 30 60

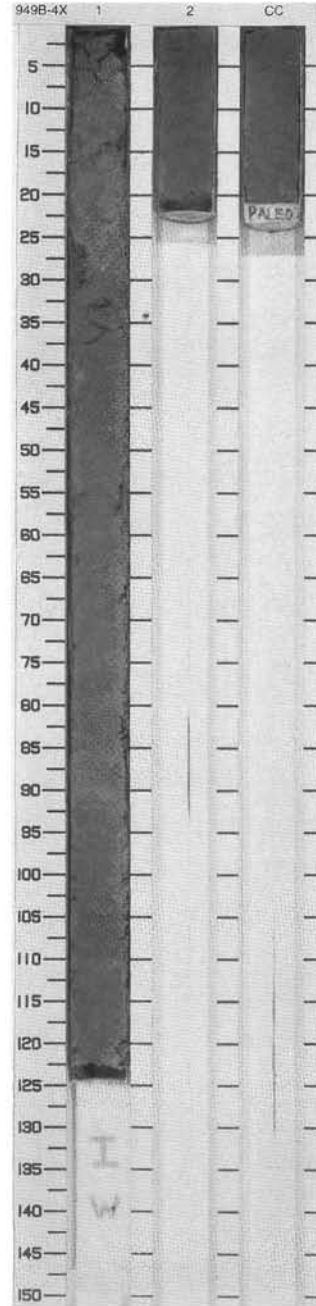




SITE 949 HOLE B CORE 4X

CORED 273.1 - 282.8 mbsf

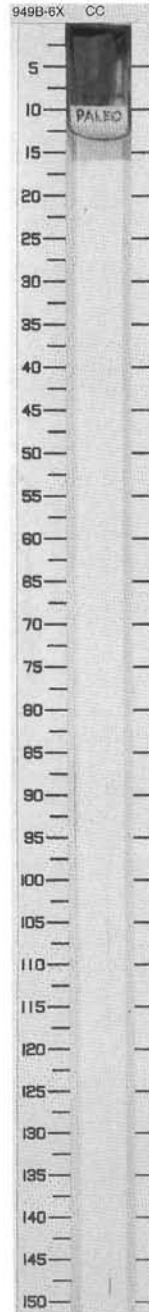
Bedding Dip	Scaly Fabric	Deformation Features	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		PV			1	indeterminate		P S X S X P S X I P X MX	5Y 6/1 To 10Y 6/1	<p>CLAYSTONE</p> <p>Major Lithology: Light olive gray (5Y 6/1-10Y 6/1), bioturbated claystone. Moderately deformed, with 2-4 cm "biscuits."</p> <p>Structural Features: Green and pink veins, 0.5-1.0 cm thick, in Section 1, 86-96 cm; patches or fragments of same vein material in Section 1, 40-42 cm and CC, 14-20 cm. Vein in Section 1, 40-42 cm is mixture of phillipsite and smectite. True bedding dip is 68 degrees.</p> <p>Whole Round Sampling: IW: Section 1, 125-150 cm.</p>	





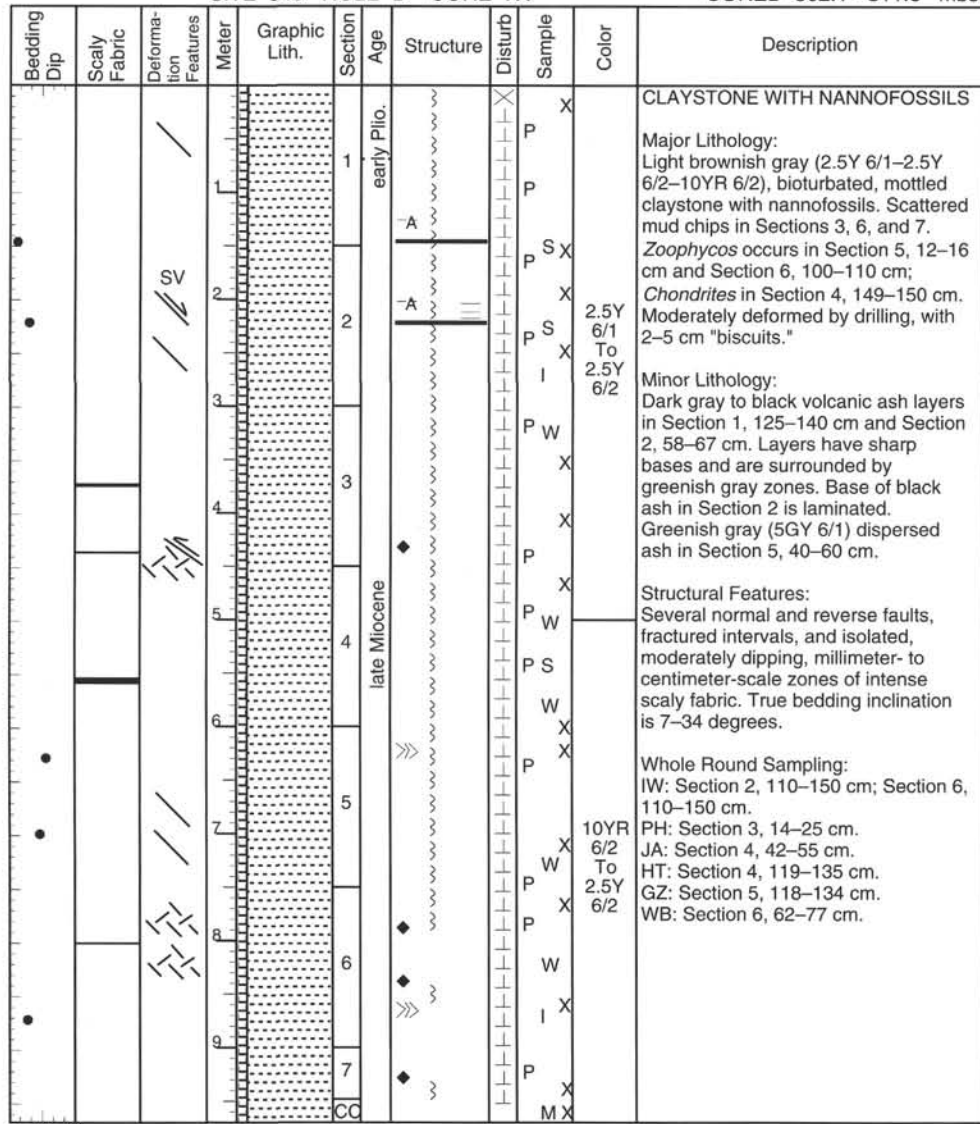
SITE 949 HOLE B CORE 6X CORED 292.4 - 302.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC	indet.					CLAYSTONE
								Major Lithology: One chunk of gray-olive gray (5Y 6/1) claystone.

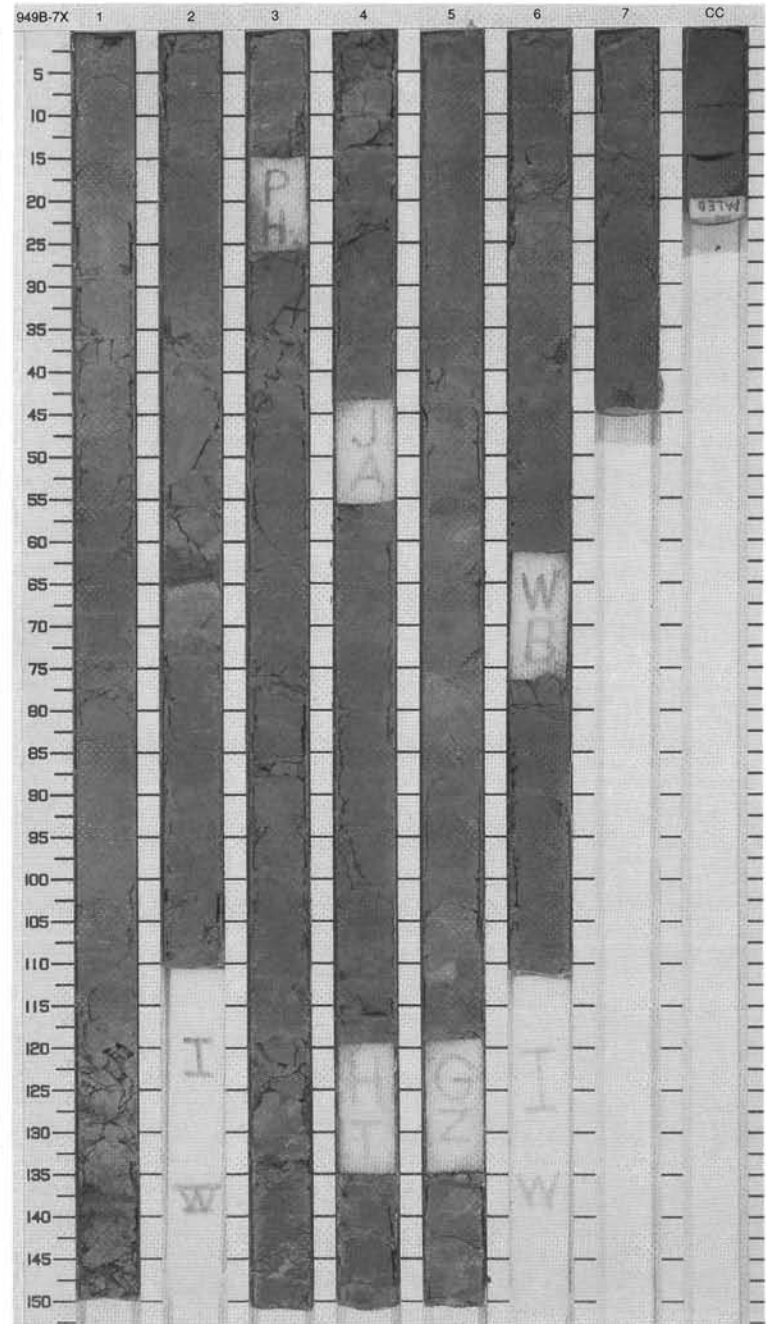


SITE 949 HOLE B CORE 7X

CORED 302.1 - 311.6 mbsf



949B 8X THROUGH 12X NO RECOVERY



SITE 949 HOLE B CORE 13X CORED 350.2 - 354.9 mbsf

Bedding Dip	Scaly Fabric	Deformation Features	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 30 60			1	[Dotted pattern]	1	middle Miocene	~	X	P X W X P S I	10Y 6/1	CLAYSTONE WITH NANNOFOSSILS and CLAYSTONE  Major Lithologies: Section 1: Light olive gray (10Y 6/1), bioturbated, mottled claystone with nannofossils. Section 2-CC: Light olive gray (5Y 6/1-10Y 6/1), bioturbated claystone. <i>Zoophycos</i> in Section 2 at 26-28, 43, and 53 cm; <i>Chondrites</i> in Section 3, 13 cm. 1.5-cm- to 5-cm-thick olive gray, light brown, and reddish brown color bands in Section 2, 70-97 cm. Generally moderately deformed by drilling, with 2-4 cm "biscuits."
	[Solid black]	[Diagonal lines]	2	[Dotted pattern]	2	indeterminate	>>>		P X P S X	5Y 6/1 To 10Y 6/1	Structural Features: Zones of intense scaly fabric in Section 2, 67-137 cm and CC, 27-32 cm; their true dip is 23-39 degrees, show reverse sense of displacement. Scaly zone in Section 2 exhibits color bands. True bedding dip is 3-12 degrees.  Whole Round Sampling: PB: Section 1, 49-66 cm. IW: Section 1, 110-150 cm.
			3	[Dotted pattern]	3	indeterminate	~		P X M X		
			CC	[Dotted pattern]	CC		~				





SITE 949 HOLE B CORE 14X

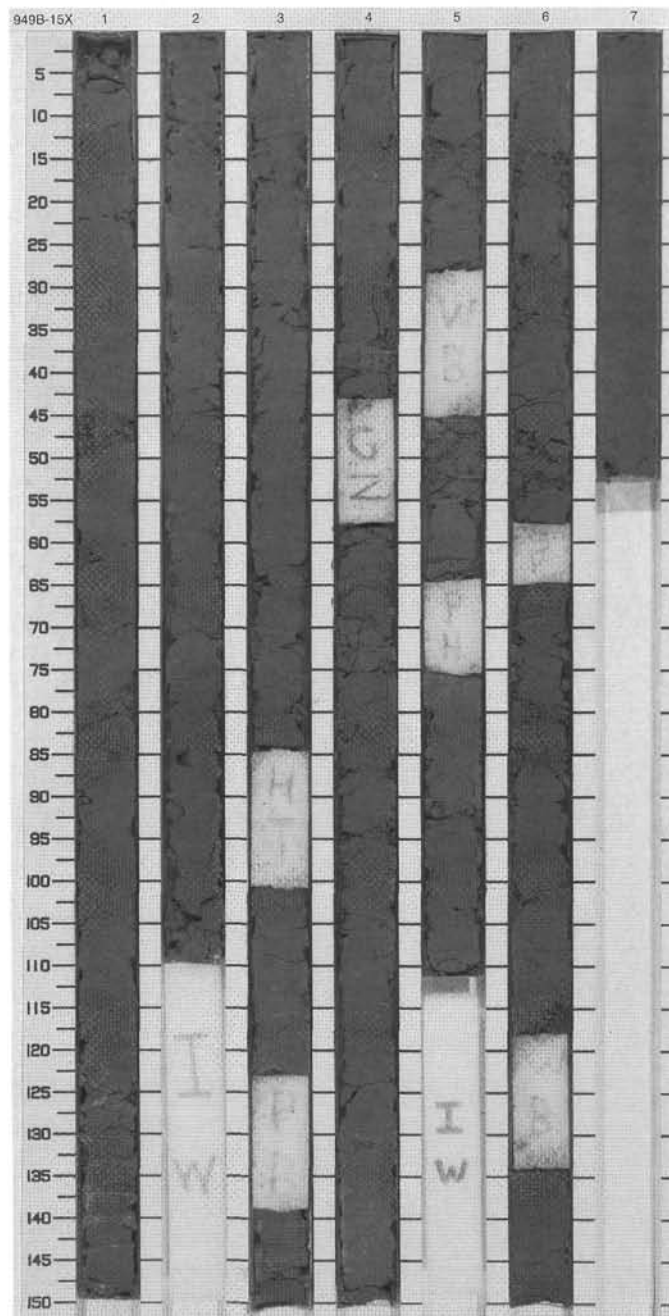
CORED 354.9 - 359.9 mbsf

Bedding Dip	Scaly Fabric	Deformation Features	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
			0								
			1		1				P	2.5Y 6/1	<p>CLAYSTONE</p> <p>Major Lithology: Light olive gray (5Y 6/1–10Y 6/1) to light brownish gray (2.5Y 6/1), mottled claystone. Intact "biscuits" display moderate to intense bioturbation. Scattered mud chips in Sections 1–3. Core is very deformed by drilling and is probably mostly drilling breccia and slurry, as 5 m were cored and 9.83 m were recovered. 1–2 cm "biscuits."</p> <p>Minor Lithology: Greenish gray (2.5GY 6/1) volcanic ash with disrupted laminae in Section 3, 69–75 cm.</p> <p>Structural Features: Low-dip zones of intense scaly fabric in Section 1, 29–47 and 60–74 cm; and Section 6, 72–74 cm. In Section 1, these zones are separated by fractured interval. Boundaries are cut by steep reverse faults with centimeter-scale offsets.</p> <p>Whole Round Sampling: PB: Section 1, 105–121 cm. MK: Section 2, 0–40 cm. GZ: Section 2, 54–70 cm. JA: Section 4, 33–45 cm. HT: Section 4, 62–78 cm. IW: Section 5, 110–150 cm.</p>
			2		2				P X	5Y 6/1	
			3		3				W	2.5Y 6/1	
			4		3				W X	5Y 6/1	
			5		4				X	2.5Y 6/1	
			6		5				P	5Y 6/1	
			7		6				P S X	2.5Y 6/1 To 10Y 6/1	
			8		7				S	5Y 6/1	
			9		7				S	5Y 6/1	
			10		7				P S X	5Y 6/1	
			11		7				P	5Y 6/1	
			12		7				W X	5Y 6/1	
			13		7				W	5Y 6/1	
			14		7				P	5Y 6/1	
			15		7				P	5Y 6/1	
			16		7				P	5Y 6/1	
			17		7				P	5Y 6/1	
			18		7				P	5Y 6/1	
			19		7				P	5Y 6/1	
			20		7				P	5Y 6/1	
			21		7				P	5Y 6/1	
			22		7				P	5Y 6/1	
			23		7				P	5Y 6/1	
			24		7				P	5Y 6/1	
			25		7				P	5Y 6/1	
			26		7				P	5Y 6/1	
			27		7				P	5Y 6/1	
			28		7				P	5Y 6/1	
			29		7				P	5Y 6/1	
			30		7				P	5Y 6/1	
			31		7				P	5Y 6/1	
			32		7				P	5Y 6/1	
			33		7				P	5Y 6/1	
			34		7				P	5Y 6/1	
			35		7				P	5Y 6/1	
			36		7				P	5Y 6/1	
			37		7				P	5Y 6/1	
			38		7				P	5Y 6/1	
			39		7				P	5Y 6/1	
			40		7				P	5Y 6/1	
			41		7				P	5Y 6/1	
			42		7				P	5Y 6/1	
			43		7				P	5Y 6/1	
			44		7				P	5Y 6/1	
			45		7				P	5Y 6/1	
			46		7				P	5Y 6/1	
			47		7				P	5Y 6/1	
			48		7				P	5Y 6/1	
			49		7				P	5Y 6/1	
			50		7				P	5Y 6/1	
			51		7				P	5Y 6/1	
			52		7				P	5Y 6/1	
			53		7				P	5Y 6/1	
			54		7				P	5Y 6/1	
			55		7				P	5Y 6/1	
			56		7				P	5Y 6/1	
			57		7				P	5Y 6/1	
			58		7				P	5Y 6/1	
			59		7				P	5Y 6/1	
			60		7				P	5Y 6/1	
			61		7				P	5Y 6/1	
			62		7				P	5Y 6/1	
			63		7				P	5Y 6/1	
			64		7				P	5Y 6/1	
			65		7				P	5Y 6/1	
			66		7				P	5Y 6/1	
			67		7				P	5Y 6/1	
			68		7				P	5Y 6/1	
			69		7				P	5Y 6/1	
			70		7				P	5Y 6/1	
			71		7				P	5Y 6/1	
			72		7				P	5Y 6/1	
			73		7				P	5Y 6/1	
			74		7				P	5Y 6/1	
			75		7				P	5Y 6/1	
			76		7				P	5Y 6/1	
			77		7				P	5Y 6/1	
			78		7				P	5Y 6/1	
			79		7				P	5Y 6/1	
			80		7				P	5Y 6/1	
			81		7				P	5Y 6/1	
			82		7				P	5Y 6/1	
			83		7				P	5Y 6/1	
			84		7				P	5Y 6/1	
			85		7				P	5Y 6/1	
			86		7				P	5Y 6/1	
			87		7				P	5Y 6/1	
			88		7				P	5Y 6/1	
			89		7				P	5Y 6/1	
			90		7				P	5Y 6/1	
			91		7				P	5Y 6/1	
			92		7				P	5Y 6/1	
			93		7				P	5Y 6/1	
			94		7				P	5Y 6/1	
			95		7				P	5Y 6/1	
			96		7				P	5Y 6/1	
			97		7				P	5Y 6/1	
			98		7				P	5Y 6/1	
			99		7				P	5Y 6/1	
			100		7				P	5Y 6/1	
			101		7				P	5Y 6/1	
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			113		7				P	5Y 6/1	
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			115		7				P	5Y 6/1	
			116		7				P	5Y 6/1	
			117		7				P	5Y 6/1	
			118		7				P	5Y 6/1	
			119		7				P	5Y 6/1	
			120		7				P	5Y 6/1	
			121		7				P	5Y 6/1	
			122		7				P	5Y 6/1	
			123		7				P	5Y 6/1	
			124		7				P	5Y 6/1	
			125		7				P	5Y 6/1	
			126		7				P	5Y 6/1	
			127		7				P	5Y 6/1	
			128		7				P	5Y 6/1	
			129		7				P	5Y 6/1	
			130		7				P	5Y 6/1	
			131		7				P	5Y 6/1	
			132		7				P	5Y 6/1	
			133		7				P	5Y 6/1	
			134		7				P	5Y 6/1	
			135		7				P	5Y 6/1	
			136		7				P	5Y 6/1	
			137		7				P	5Y 6/1	
			138		7				P	5Y 6/1	
			139		7				P	5Y 6/1	
			140		7				P	5Y 6/1	
			141		7				P	5Y 6/1	
			142		7				P	5Y 6/1	
			143		7				P	5Y 6/1	
			144		7				P	5Y 6/1	
			145		7				P	5Y 6/1	
			146		7				P	5Y 6/1	
			147		7				P	5Y 6/1	
			148		7				P	5Y 6/1	
			149		7				P	5Y 6/1	
			150		7				P	5Y 6/1	
			151		7				P	5Y 6/1	
			152		7				P	5Y 6/1	
			153		7				P	5Y 6/1	
			154		7				P	5Y 6/1	
			155		7				P	5Y 6/1	

## SITE 949 HOLE B CORE 15X

CORED 359.9 - 369.5 mbsf

Bedding Dip	Scaly Fabric	Deformation Features	Meter	Graphic Lith.	Section Age	Structure	Disturb	Sample	Color	Description
			1		1	}}	XXXX	P	5Y 6/1 To 10Y 6/1	CLAYSTONE Major Lithology: Light olive gray (5Y 6/1-10Y 6/1) to gray (2.5Y 6/1), mildly bioturbated, mottled claystone. Small dark gray clasts in Section 2, 7-10 cm.
			2		2	}}	XXXX	P	5Y 6/1	
			3		3	}}	XXXX	P	2.5Y 6/1 To 5Y 6/1	Minor Lithology: Irregular darker layer of carbonate-rich silty claystone in Section 6, 67-69 cm.
			4		4	}}	XXXX	P	2.5Y 6/1 To 5Y 6/1	
			5		4	}}	XXXX	P	5Y 6/1	Structural Features: Sediment-filled veins in Section 3, 139-144 cm and Section 6, 74-78 cm. True bedding dip is 1-16 degrees.  Whole Round Sampling: IW: Section 2, 110-150 cm; Section 5, 110-150 cm. HT: Section 3, 84-100 cm. PB: Section 3, 122-138 cm. GZ: Section 4, 41-57 cm. WB: Section 5, 28-44 cm; Section 6, 119-135 cm. PH: Section 5, 65-76 cm. SP: Section 6, 57-65 cm.
			6		5	}}	XXXX	P	5Y 6/1	
			7		6	}}	XXXX	P	5Y 6/1	
			8		7	}}	XXXX	P	5Y 6/1	
			9		8	}}	XXXX	P	5Y 6/1	
					9	}}	XXXX	P	5Y 6/1	
					10	}}	XXXX	P	5Y 6/1	
					11	}}	XXXX	P	5Y 6/1	
					12	}}	XXXX	P	5Y 6/1	
					13	}}	XXXX	P	5Y 6/1	
					14	}}	XXXX	P	5Y 6/1	
					15	}}	XXXX	P	5Y 6/1	
					16	}}	XXXX	P	5Y 6/1	
					17	}}	XXXX	P	5Y 6/1	
					18	}}	XXXX	P	5Y 6/1	
					19	}}	XXXX	P	5Y 6/1	
					20	}}	XXXX	P	5Y 6/1	
					21	}}	XXXX	P	5Y 6/1	
					22	}}	XXXX	P	5Y 6/1	
					23	}}	XXXX	P	5Y 6/1	
					24	}}	XXXX	P	5Y 6/1	
					25	}}	XXXX	P	5Y 6/1	
					26	}}	XXXX	P	5Y 6/1	
					27	}}	XXXX	P	5Y 6/1	
					28	}}	XXXX	P	5Y 6/1	
					29	}}	XXXX	P	5Y 6/1	
					30	}}	XXXX	P	5Y 6/1	
					31	}}	XXXX	P	5Y 6/1	
					32	}}	XXXX	P	5Y 6/1	
					33	}}	XXXX	P	5Y 6/1	
					34	}}	XXXX	P	5Y 6/1	
					35	}}	XXXX	P	5Y 6/1	
					36	}}	XXXX	P	5Y 6/1	
					37	}}	XXXX	P	5Y 6/1	
					38	}}	XXXX	P	5Y 6/1	
					39	}}	XXXX	P	5Y 6/1	
					40	}}	XXXX	P	5Y 6/1	
					41	}}	XXXX	P	5Y 6/1	
					42	}}	XXXX	P	5Y 6/1	
					43	}}	XXXX	P	5Y 6/1	
					44	}}	XXXX	P	5Y 6/1	
					45	}}	XXXX	P	5Y 6/1	
					46	}}	XXXX	P	5Y 6/1	
					47	}}	XXXX	P	5Y 6/1	
					48	}}	XXXX	P	5Y 6/1	
					49	}}	XXXX	P	5Y 6/1	
					50	}}	XXXX	P	5Y 6/1	
					51	}}	XXXX	P	5Y 6/1	
					52	}}	XXXX	P	5Y 6/1	
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					57	}}	XXXX	P	5Y 6/1	
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					59	}}	XXXX	P	5Y 6/1	
					60	}}	XXXX	P	5Y 6/1	
					61	}}	XXXX	P	5Y 6/1	
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					65	}}	XXXX	P	5Y 6/1	
					66	}}	XXXX	P	5Y 6/1	
					67	}}	XXXX	P	5Y 6/1	
					68	}}	XXXX	P	5Y 6/1	
					69	}}	XXXX	P	5Y 6/1	
					70	}}	XXXX	P	5Y 6/1	
					71	}}	XXXX	P	5Y 6/1	
					72	}}	XXXX	P	5Y 6/1	
					73	}}	XXXX	P	5Y 6/1	
					74	}}	XXXX	P	5Y 6/1	
					75	}}	XXXX	P	5Y 6/1	
					76	}}	XXXX	P	5Y 6/1	
					77	}}	XXXX	P	5Y 6/1	
					78	}}	XXXX	P	5Y 6/1	
					79	}}	XXXX	P	5Y 6/1	
					80	}}	XXXX	P	5Y 6/1	
					81	}}	XXXX	P	5Y 6/1	
					82	}}	XXXX	P	5Y 6/1	
					83	}}	XXXX	P	5Y 6/1	
					84	}}	XXXX	P	5Y 6/1	
					85	}}	XXXX	P	5Y 6/1	
					86	}}	XXXX	P	5Y 6/1	
					87	}}	XXXX	P	5Y 6/1	
					88	}}	XXXX	P	5Y 6/1	
					89	}}	XXXX	P	5Y 6/1	
					90	}}	XXXX	P	5Y 6/1	
					91	}}	XXXX	P	5Y 6/1	
					92	}}	XXXX	P	5Y 6/1	
					93	}}	XXXX	P	5Y 6/1	
					94	}}	XXXX	P	5Y 6/1	
					95	}}	XXXX	P	5Y 6/1	
					96	}}	XXXX	P	5Y 6/1	
					97	}}	XXXX	P	5Y 6/1	
					98	}}	XXXX	P	5Y 6/1	
					99	}}	XXXX	P	5Y 6/1	
					100	}}	XXXX	P	5Y 6/1	
					101	}}	XXXX	P	5Y 6/1	
					102	}}	XXXX	P	5Y 6/1	
					103	}}	XXXX	P	5Y 6/1	
					104	}}	XXXX	P	5Y 6/1	
					105	}}	XXXX	P	5Y 6/1	
					106	}}	XXXX	P	5Y 6/1	
					107	}}	XXXX	P	5Y 6/1	
					108	}}	XXXX	P	5Y 6/1	
					109	}}	XXXX	P	5Y 6/1	
					110	}}	XXXX	P	5Y 6/1	
					111	}}	XXXX	P	5Y 6/1	
					112	}}	XXXX	P	5Y 6/1	
					113	}}	XXXX	P	5Y 6/1	
					114	}}	XXXX	P	5Y 6/1	
					115	}}	XXXX	P	5Y 6/1	
					116	}}	XXXX	P	5Y 6/1	
					117	}}	XXXX	P	5Y 6/1	
					118	}}	XXXX	P	5Y 6/1	
					119	}}	XXXX	P	5Y 6/1	
					120	}}	XXXX	P	5Y 6/1	
					121	}}	XXXX	P	5Y 6/1	
					122	}}	XXXX	P	5Y 6/1	
					123	}}	XXXX	P	5Y 6/1	
					124	}}	XXXX	P	5Y 6/1	
					125	}}	XXXX	P	5Y 6/1	
					126	}}	XXXX	P	5Y 6/1	
					127	}}	XXXX	P	5Y 6/1	
					128	}}	XXXX	P	5Y 6/1	
					129	}}	XXXX	P	5Y 6/1	
					130	}}	XXXX	P	5Y 6/1	
					131	}}	XXXX	P	5Y 6/1	
					132	}}	XXXX	P	5Y 6/1	
					133	}}	XXXX	P	5Y 6/1	
					134	}}	XXXX	P	5Y 6/1	
					135	}}	XXXX	P	5Y 6/1	
					136	}}	XXXX	P	5Y 6/1	
					137	}}	XXXX	P	5Y 6/1	
					138	}}	XXXX	P	5Y 6/1	
					139	}}	XXXX	P	5Y 6/1	
					140	}}	XXXX	P	5Y 6/1	
					141	}}	XXXX	P	5Y 6/1	
					142	}}	XXXX	P	5Y 6/1	
					143	}}	XXXX	P	5Y 6/1	
					144	}}	XXXX	P	5Y 6/1	
					145	}}	XXXX	P	5Y 6/1	
					146	}}	XXXX	P	5Y 6/1	
					147	}}	XXXX	P	5Y 6/1	
					148	}}	XXXX	P	5Y 6/1	
					149	}}	XXXX	P	5Y 6/1	
					150	}}	XXXX	P	5Y 6/1	



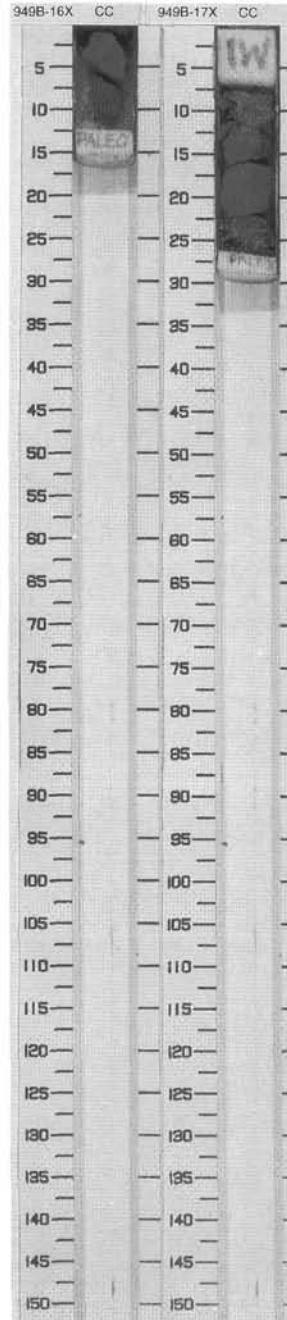
SITE 949 HOLE B CORE 16X CORED 369.5 - 379.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC	indet.					CLAYSTONE
								Major Lithology: Two chunks of light olive gray (5Y 6/1) claystone.

SITE 949 HOLE B CORE 17X CORED 379.1 - 388.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC	indet.	3		I M		CLAYSTONE
								Major Lithology: Small chunks of light olive gray (5Y 6/1), bioturbated claystone.
								Whole Round Sampling: IW: CC, 0-6 cm.

949B 18X NO RECOVERY

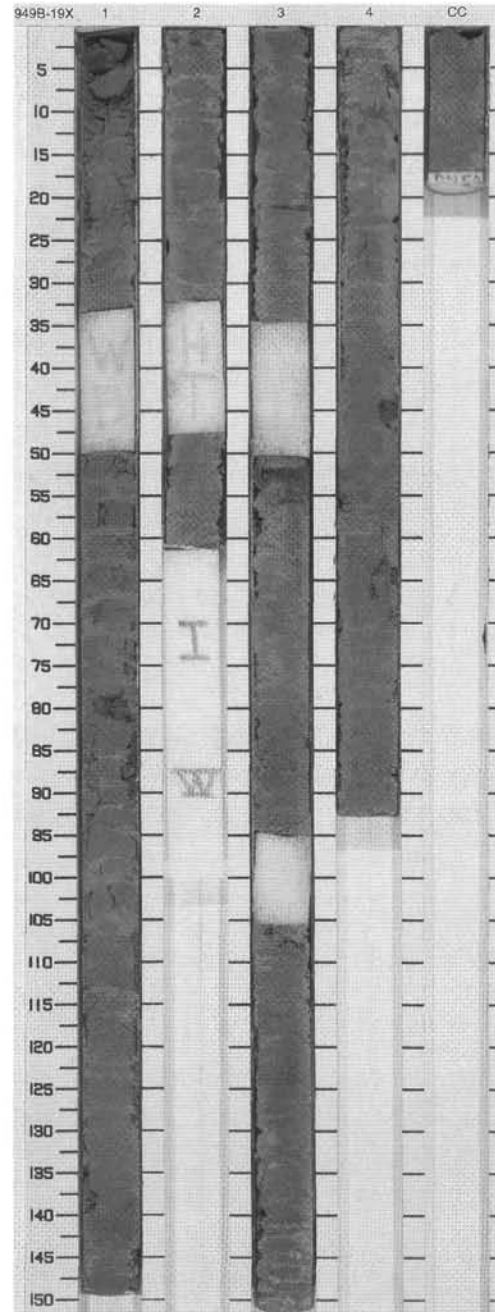


SITE 949 HOLE B CORE 19X CORED 398.8 - 408.1 mbsf

Bedding Dip	Scaly Fabric	Deformation Features	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
			0								
			1		1	early Miocene		X	W	10YR 6/2	CLAYSTONE WITH RADIOLARIANS  Major Lithology: Slightly mottled and bioturbated claystone with radiolarians. Pale yellowish brown (10YR 6/2) in Sections 1 through 4, 2.5 cm; greenish gray (2.5GY 6/1) in Section 4, 2.5-21.5 cm; light brownish gray (2.5Y 6/2) in Section 4, 21.5-92. Mottles are either slightly orange or (rarer) greenish gray. Manganese(?) staining in Section 2 at 20 cm, 51-55, 84, and 106-107 cm. Moderately deformed by drilling, with 1-3 cm "biscuits."
			2	2					P X		
			3	3					P X		
			4	4					P W X		
			5		4					2.5Y 6/2	Structural Features: Two faults in Sections 1 and 2. Low-dip, centimeter- to decimeter-scale zones of moderate to intense scaly fabric in Section 3, 73-80 and 119-150 cm; and Section 4, 0-3 cm, alternating with fracture networks and incipient scaly fabric. Sediment-filled veins in Section 4, 43-52 cm.
					CC						
											Whole Round Sampling: WB: Section 1, 33-50 cm. HT: Section 2, 32-48 cm. IW: Section 2, 60-100 cm. GZ: Section 3, 34-50 cm. JA: Section 3, 95-106 cm.

949B 20X NO RECOVERY

949B 21X NO RECOVERY





SITE 949 HOLE B CORE 23X CORED 437.1 - 446.7 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC	indel.					CLAYSTONE
								Major Lithology: Three chunks of light brownish gray-light olive gray (2.5Y 6/2-5Y 6/2) claystone.

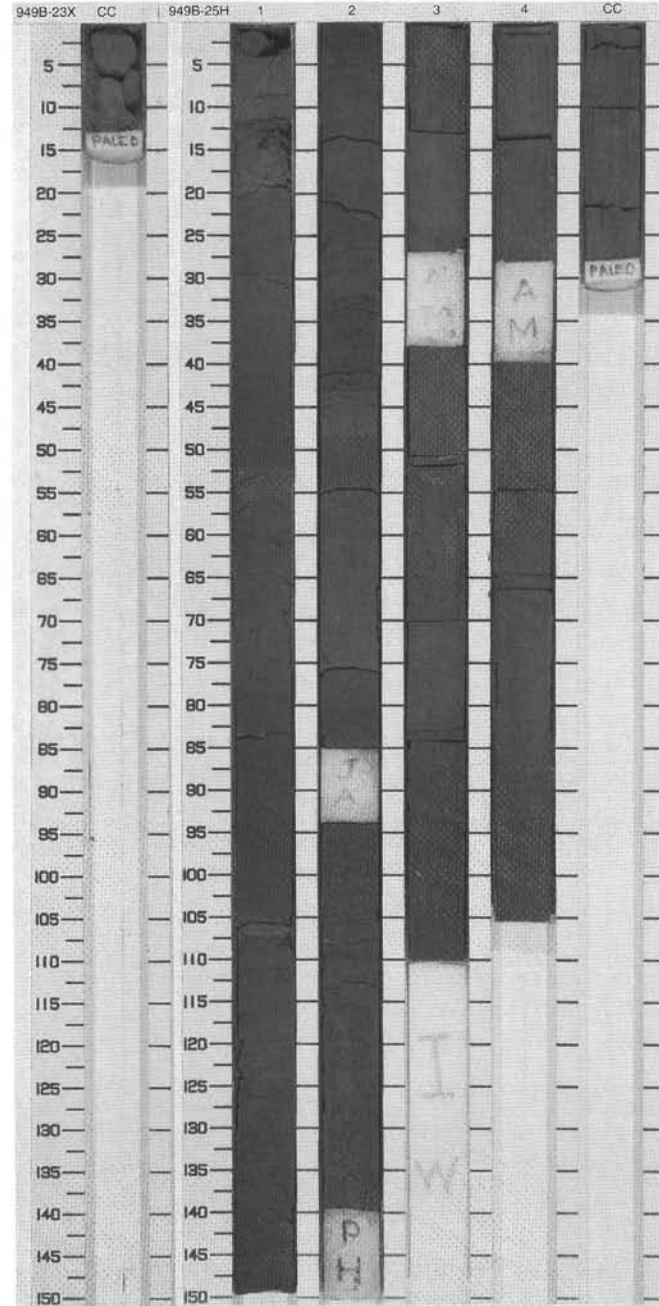
949B 24X NO RECOVERY

Drilled 456.4-458.4mbsf

SITE 949 HOLE B CORE 25H CORED 458.4 - 464.2 mbsf

Bedding Dip	Scaly Fabric	Deformation Features	Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
0 20 40			1	[Hatched pattern]	1	late Oligocene	[Horizontal lines]	X	P X	5Y 6/1 To 10Y 6/1	SILTY CLAYSTONE and CLAYEY SILTSTONE  Major Lithologies: Section 1 through Section 2, 48 cm and Section 2, 75-115 cm: Gray to light olive gray (5Y 6/1-10Y 6/1) to greenish gray (5GY 6/1) silty claystone and clayey siltstone. Fairly sharp color boundaries and local horizontal laminae. Section 2, 115 cm through CC: Greenish gray (5GY 6/1) drilling flow-in. Vertically streaked throughout.
			2	[Hatched pattern]	2		[Horizontal lines]	X	P S X		
			3	[Hatched pattern]	3		[Horizontal lines]	X	P S X		Minor Lithology: Thin micrite bed, with sharp base, horizontal laminae, and diffuse top, in Section 1, 105-107 cm. Gray (5Y 6/1) nanofossil chalk, with horizontal laminae and sharp base and top, in Section 2, 48-75 cm.
			4	[Hatched pattern]	4		[Horizontal lines]	X	P S X		
			5	[Hatched pattern]	4		[Horizontal lines]	X	P S X	5GY 6/1	Structural Features: Two bedding-parallel, millimeter-scale zones of intense scaly fabric. True bedding dip is 1 to 12 degrees.
					CC		[Horizontal lines]	X	P S X		
							[Horizontal lines]	X	P S X		Whole Round Sampling: JA: Section 2, 84-93 cm. PH: Section 2, 139-150 cm. AM: Section 3, 27-38 cm; Section 4, 28-40 cm. IW: Section 3, 110-150 cm.
							[Horizontal lines]	X	P S X		

949C 1R NO RECOVERY



SITE 949 HOLE C CORE 2R CORED 405.9 - 415.6 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC	early Mio.					CLAYSTONE WITH RADIOLIARIANS
Major Lithology: One chunk of light olive gray (5Y 6/2) claystone with radiolarians.  Whole Round Sampling: IW: CC, 5-10 cm.								

949C 3R NO RECOVERY

SITE 949 HOLE C CORE 4R CORED 425.2 - 434.9 mbsf

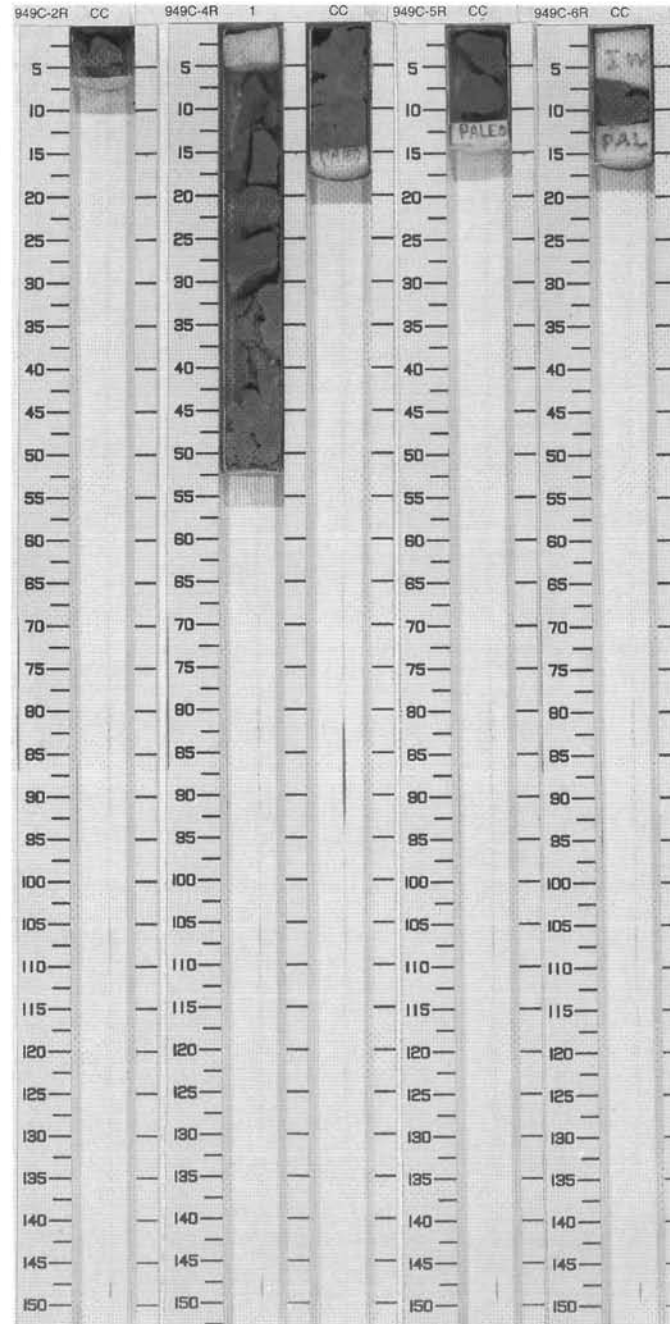
Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		1	e. Mio.?		XX	P S X M	5Y 6/2	CLAYSTONE
Major Lithology: Light olive gray (5Y 6/2) claystone, with weak greenish gray (5GY 6/1) mottles. Mostly drilling breccia and slurry.  Whole Round Sampling: IW: Section 1, 0-4 cm.								

SITE 949 HOLE C CORE 5R CORED 434.9 - 444.5 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC	indet.			M		CLAYSTONE
Major Lithology: Two chunks of brownish gray (10YR 6/3) and dark olive gray (5Y 6/1) mottled claystone. Drilling breccia.								

SITE 949 HOLE C CORE 6R CORED 444.5 - 454.1 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
		CC	indet.					CLAYSTONE
Major Lithology: One chunk of gray (5Y 5/1) claystone, with scattered olive green and light brownish mud chips. Drilling breccia.  Whole Round Sampling: IW: CC, 0-7 cm.								



SITE 949 HOLE C CORE 7R CORED 454.1 - 463.8 mbsf

Meter	Graphic Lith.	Section	Age	Structure	Disturb	Sample	Color	Description
1		1	late Oligo.		XXXX	P P P S P M	X X X	<p>CLAYSTONE</p> <p>Major Lithology: Claystone, variegated dark olive green to light greenish gray to reddish dark brown to yellowish brown. Reddish brown intervals contain nannofossils. Color changes on too fine a scale to be illustrated; refer to VCDs for detailed information.</p> <p>Structural Features: True bedding dips probably subhorizontal.</p> <p>Whole Round Sampling: IW: Section 1, 80-90 cm.</p>

