

**Table T2.** Characteristic directions and polarity ratings and polarity chron assignments, Holes 1050A and 1050C. (See table notes. Continued on next nine pages.)

Position, age, facies/Core, section, interval (cm)	Run name	Depth (mbsf)	Characteristic magnetization and polarity					Polarity rating	Polarity column		Polarity chron assignment	Comments
			Characteristic direction			Polarity column						
			Interval (°C)	Declination	Inclination	MAD	Schematic		Generalized			
middle Eocene												
Yellowish white ooze-chalk												
171B-1050A-												
1X-1, 30-32	011-030	0.30	210-330	201.5	60.3	20.2	NPP					
1X-1, 120-122	011-120	1.20	140-330	143.4	72.4	21.6	NPP			C19n		
1X-2, 30-32	012-030	1.80	270-350	172.2	-5.4	15.0	INT					
1X-2, 120-122	012-120	2.70	180-330	280.1	73.0	16.0	NPP					
1X-3, 30-32	013-030	3.30	180-330	64.3	24.7	5.3	N					
1X-3, 120-122	013-120	4.20	255-330	87.0	26.9	15.9	NPP					
1X-4, 30-32	014-030	4.80	210-300	2.5	21.7	3.8	INT					
1X-4, 120-122	014-120	5.70	140-240	101.5	31.7	33.5	INT					
1X-5, 30-32	015-030	6.30	180-270	183.7	0.9	10.0	INT					
2H-1, 30-32	021-030	10.40	180-240	155.9	56.6	28.5	INT					
2H-1, 120-122	021-120	11.30	140-300	64.8	-12.7	16.3	RP					
2H-2, 30-32	022-030	11.90	180-210	23.8	62.3	14.3	R??					
2H-2, 120-122	022-120	12.80	140-300	203.8	52.4	19.1	N??			C19r		
2H-3, 30-32	023-030	13.40	210-270	234.9	57.9	11.1	N??					
2H-3, 120-122	023-120	14.30	300-450	48.8	-39.7	16.7	RP					
2H-4, 30-32	024-030	14.90	180-330	241.2	51.9	7.6	N					
2H-4, 120-122	024-120	15.80	140-270	250.5	51.0	14.6	NP			Overprinted?		
2H-5, 30-32	025-030	16.40	300-400	230.8	55.4	5.9	NP					
2H-5, 120-122	025-120	17.30	140-300	64.5	-40.4	10.1	R				Polarity Zone C19r is poorly resolved.	
2H-6, 30-32	026-030	17.90	140-330	43.6	-18.9	25.7	RP					
2H-6, 120-122	026-120	18.80	140-300	216.3	37.5	10.2	NP					
2H-7, 30-32	027-030	19.40	270-400	47.3	-41.4	15.1	RPP					
3H-1, 45-47	031-045	20.05	140-330	101.4	77.4	16.7	NPP					
3H-1, 104-106	031-104	20.64	150-450	272.2	42.0	5.0	N					
3H-2, 30-32	032-030	21.40	270-400	74.3	39.1	11.1	N			Overprinted?		
3H-2, 120-122	032-120	22.30	180-255	186.2	26.0	14.4	NP					
3H-3, 30-32	033-030	22.90	140-330	226.1	-17.4	33.8	RPP					
3H-3, 120-122	033-120	23.80	180-255	193.4	19.3	14.1	INT			C19r		
3H-4, 30-32	034-030	24.40	300-480	238.6	-52.1	8.6	R					
3H-4, 120-122	034-120	25.30	140-255	54.0	-1.6	27.7	INT					
3H-5, 30-32	035-030	25.90	180-270	54.8	10.4	15.5	INT					
3H-5, 120-122	035-120	26.80	140-300	78.4	51.7	18.2	NP			C20n		
3H-6, 30-32	036-030	27.40	270-480	39.8	50.4	12.4	NP					
3H-6, 120-122	036-120	28.30	140-255	61.5	-36.7	21.6	RPP					
3H-7, 30-32	037-030	28.90	180-270	37.3	44.9	11.3	NP					
4H-1, 30-32	041-030	29.40	180-240	174.2	7.0	22.7	NPP					
4H-2, 120-122	042-120	31.80	020-150	160.8	66.3	8.6	NPP					
4H-3, 30-32	043-030	32.40	210-400	212.1	59.1	18.1	NP					
4H-4, 30-32	044-030	33.90	180-330	227.6	51.3	20.8	NPP				No "N"-rated sample behavior in this interval.	
4H-4, 120-122	044-120	34.80	100-350	240.0	50.4	11.4	NPP					
4H-5, 30-32	045-030	35.40	180-270	190.3	27.0	29.4	NPP					
4H-6, 30-32	046-030	36.90	180-240	198.4	55.9	27.3	NPP					

Table T2 (continued).

Position, age, facies/Core, section, interval (cm)	Run name	Depth (mbsf)	Interval (°C)	Characteristic magnetization and polarity				Polarity rating	Polarity column		Polarity chron assignment	Comments
				Characteristic direction			Schematic		Generalized			
				Declination	Inclination	MAD						
Greenish white ooze-chalk												
5H-1, 30-32	051-030	38.90	210-300	277.7	52.4	23.5	NPP			C20n		
5H-1, 120-122	051-120	39.80	140-330	116.4	25.7	20.5	NP					
5H-2, 30-32	052-030	40.40	180-270	150.4	59.8	38.2	NPP					
5H-2, 118-120	052-118	41.28	100-300	50.3	-25.9	37.6	INT					
5H-3, 31-33	053-031	41.91	210-300	113.8	37.1	37.7	NPP					
5H-3, 118-120	053-118	42.78	150-350	72.6	32.6	8.2	NP					
5H-4, 120-122	054-120	44.30	180-270	147.4	50.9	23.1	NPP					
5H-5, 31-33	055-031	44.91	180-300	276.4	46.1	33.5	INT					
5H-6, 31-33	056-031	46.41	180-210	120.3	57.2	28.3	INT					
5H-6, 120-122	056-120	47.30	140-240	297.4	63.2	13.8	NPP					
5H-7, 31-33	057-031	47.91	180-400	156.9	-10.9	15.7	RPP					
6H-1, 30-32	061-030	48.40	180-240	318.1	62.9	15.9	NPP					
6H-2, 30-32	062-030	49.90	240-300	325.2	58.9	22.9	NPP					
6H-4, 30-32	064-030	52.90	140-210	182.0	70.4	19.9	NPP					
6H-6, 30-32	066-030	55.90	180-270	313.8	49.9	22.7	NPP					
7H-1, 30-32	071-030	57.90	210-270	343.5	43.8	15.7	NP					
7H-3, 30-32	073-030	60.90	210-300	347.0	31.7	12.4	NP					
7H-3, 120-122	073-120	61.80	180-270	332.6	50.6	5.5	N					
7H-4, 30-32	074-030	62.40	140-180	146.2	34.4	17.1	R??					
7H-4, 120-122	074-120	63.30	140-300	251.2	-81.0	17.7	RPP					
7H-5, 30-32	075-030	63.90	180-300	179.8	-1.5	8.7	RPP					
7H-6, 30-32	076-030	65.40	180-210	163.6	-17.9	6.9	RPP					
7H-7, 31-33	077-031	66.91	140-210	184.0	-12.9	14.6	RPP					
8H-2, 31-33	082-031	68.91	180-240	179.9	-15.7	18.8	RPP					
8H-2, 121-123	082-121	69.81	100-150	221.7	27.6	15.5	RPP					
8H-4, 30-32	084-030	71.90	240-270	38.9	55.2	24.9	INT					
8H-5, 30-32	085-030	73.40	180-210	177.3	54.0	41.1	INT					
8H-6, 30-32	086-030	74.90	240-300	186.5	-29.2	12.9	RP					
9H-1, 42-44	091-042	77.02	180-210	343.8	16.6	17.0	INT					
9H-3, 30-32	093-030	79.47	140-180	51.5	-48.9	22.8	RPP					
9H-3, 120-122	093-120	80.37	200-400	1.8	-36.1	19.8	RP					
9H-5, 28-30	095-028	82.45	000-000				INT					
9H-6, 28-30	096-028	83.95	180-240	343.4	2.8	14.8	INT					
9H-7, 28-30	097-028	85.45	240-400	335.4	-52.8	14.7	RP					
White chalk												
10H-1, 121-123	101-121	87.31	140-180	184.4	-49.0	26.9	RPP			C20r		
10H-3, 30-32	103-030	89.40	180-240	190.9	-3.9	7.4	RPP					
10H-4, 33-35	104-033	90.93	180-240	227.2	-18.3	18.5	R					
10H-5, 122-124	105-122	93.32	250-400	219.6	-48.2	9.7	R					
10H-6, 30-32	106-030	93.90	350-480	217.5	-34.1	13.0	RPP					
11X-1, 10-11,	111-010	95.70	180-300	63.5	-52.7	2.7	R					
11X-4, 7-9	114-007	100.17	150-290	37.3	-49.8	6.0	R					
11X-4, 124-126	114-124	101.34	140-240	312.9	-40.9	15.6	RP					
11X-5, 115-117	115-115	102.75	140-240	98.4	-37.1	6.3	R					
11X-6, 32-34	116-023	103.42	140-210	252.1	-30.2	7.0	R					
12X-1, 95-97	121-095	106.15	140-240	38.5	-35.4	38.6	RPP					

Table T2 (continued).

Position, age, facies/Core, section, interval (cm)	Run name	Depth (mbsf)	Interval (°C)	Characteristic magnetization and polarity				Polarity rating	Polarity column		Polarity chron assignment	Comments
				Characteristic direction			Schematic		Generalized			
				Declination	Inclination	MAD						
13X-1, 10-12	131-010	114.90	210-300	300.9	-40.4	6.6	R					
13X-2, 100-102	132-100	117.30	150-290	27.2	-35.3	3.7	R					
13X-4, 82-84	134-082	120.12	180-240	11.1	-36.6	6.7	RP					
13X-5, 138-140	135-138	122.18	180-270	199.2	-57.6	11.7	R					
10-m gap in sampling												
Light-gray chalk												
14X-6, 30-32	146-030	132.20	250-320	277.6	-43.6	12.0	RP					
15X-1, 9-11	151-009	134.09	140-240	6.9	-42.8	8.5	RP					
15X-3, 27-29	153-027	137.27	140-300	149.7	-39.5	3.7	R					
15X-4, 8-10	154-008	138.58	140-180	136.9	26.9	18.6	R??					
15X-5, 28-30	155-028	140.28	230-320	49.9	41.5	13.0	NP					
16X-1, 114-116	161-114	144.74	140-300	237.5	38.7	1.6	N					
16X-3, 52-54	163-052	147.12	150-320	244.8	55.0	1.9	N					
16X-5, 129-132	165-129	150.89	140-300	255.0	41.3	4.8	N		upper C21n	Hiatus assigned from calcareous nannofossil biostratigraphy.		
early Eocene												
17X-1, 51-54	171-051	153.71	270-300	41.6	38.0	3.0	NP			lower C22n		
17X-1, 123-126	171-123	154.43	210-240	241.0	-30.7	3.5	RP					
17X-2, 46-49	172-046	155.16	230-290	36.9	-15.7	4.3	R					
17X-2, 118-121	172-118	155.88	210-330	153.4	-23.7	4.9	R					
17X-3, 113-116	173-113	157.33	180-300	137.8	-20.6	19.6	RPP					
18X-1, 27-29	181-027	163.07	210-300	268.9	-40.1	10.3	R			C22r		
18X-1, 115-117	181-115	163.95	270-300	51.3	-52.5	9.6	RP					
18X-2, 32-34	182-032	164.62	150-320	254.5	-34.1	2.3	R					
18X-2, 123-125	182-123	165.53	270-300	211.0	-38.5	37.9	RPP					
18X-3, 15-17	183-015	165.95	180-300	56.5	-33	4.2	R					
18X-3, 121-123	183-121	167.01	140-330	163.9	50.2	6.4	NP					
18X-4, 38-40	184-038	167.68	140-180	248.2	32.6	0.9	NP					
18X-4, 126-128	184-126	168.56	140-240	123.0	40.8	10.2	NP					
Light-green chalk-limestone												
19X-1, 29-31	191-029	172.69	150-260	273.9	34.3	8.5	NP			C23n		
19X-1, 134-136	191-134	173.74	140-270	133.3	44.2	7.9	N					
19X-2, 23-25	192-023	174.13	140-240	228.5	52.4	6.2	NP					
19X-2, 118-120	192-118	175.08	140-300	133.5	26.1	6.7	NP					
19X-3, 41-43	193-041	175.81	210-250	100.1	-26.5	7.9	RPP					
19X-4, 31-33	194-031	177.21	140-270	348.0	-30.7	11.0	RP			C23r		
19X-4, 98-100	194-098	177.88	140-300	343.7	-20.0	32.2	RPP					
19X-5, 27-29	195-027	178.67	210-270	8.1	50.5	11.7	NP					
19X-5, 127-129	195-127	179.67	180-240	311.6	42.4	0.9	NP			?	Normal polarity zone is probably either a pervasive overprint or a subchron within C23r.	
19X-6, 27-29	196-027	180.17	150-230	267.3	26.1	8.1	NPP					
19X-6, 118-120	196-118	181.08	270-330	199.2	-37.4	18.0	RP					
20X-1, 34-36	201-034	182.34	140-300	40.4	-0.3	35.4	INT					
20X-1, 109-111	201-109	183.09	180-255	196.3	-41.5	6.6	R			C23r		
20X-2, 33-35	202-033	183.83	250-290	95.7	-28.0	11.0	RPP					
20X-2, 124-126	202-124	184.74	180-210	43.2	37.6	21.0	NPP					
20X-3, 24-26	203-024	185.24	180-210	257.0	37.6	10.9	NPP					

Table T2 (continued).

Position, age, facies/Core, section, interval (cm)	Run name	Depth (mbsf)	Interval (°C)	Characteristic magnetization and polarity				Polarity rating	Polarity column		Polarity chron assignment	Comments
				Characteristic direction			Schematic		Generalized			
				Declination	Inclination	MAD						
20X-3, 128-130	203-128	186.28	140-300	21.1	53.9	14.0	NP	[Black]	C24n			
20X-4, 7-9	204-007	186.57	140-270	206.9	37.2	5.4	N					
21X-1, 33-35	211-033	189.93	210-290	245.2	58.4	6.8	NP	[Black]	C24n			
20X-6, 54-56	206-054	190.04	190-260	354.2	47.4	15.7	NPP					
20X-6, 115-117	206-115	190.65	140-255	132.7	37.4	10.4	NP	[Black]	C24n.1r?			
20X-7, 10-12	207-010	191.10	180-270	286.0	-60.5	4.8	R					
21X-1, 105-107	211-105	190.65	180-240	306.2	34.4	9.0	NPP	[Black]	C24n			
21X-2, 27-29	212-027	191.37	180-240	304.7	28.5	23.3	NPP					
21X-3, 33-35	213-033	192.93	140-270	193.6	42.4	10.0	NP	[Black]	C24n			
21X-4, 30-32	214-030	194.40	150-320	9.0	49.4	6.2	N					
21X-5, 28-31	215-028	195.88	140-270	127.1	34.0	13.6	NP	[Black]	C24n			
21X-6, 28-31	216-028	197.38	150-290	157.1	32.4	38.8	NPP					
21X-6, 137-139	216-137	198.47	180-210	8.1	64.9	30.0	NPP	[Black]	C24r			
21X-CC, 9-11	219-009	199.15	180-270	151.0	-40.0	28.9	RPP					
22X-1, 32-34	221-032	199.52	180-270	27.9	-3.0	14.6	R??	[Black]	C24r			
22X-2, 29-31	222-029	200.99	190-290	165.2	-56.2	5.0	R					
22X-3, 23-25	223-023	202.43	180-270	157.0	-22.2	7.2	R	[Black]	C24r			
22X-4, 40-42	224-040	204.10	250-320	54.6	-12.5	24.5	RPP					
22X-4, 124-126	224-124	204.94	300-500	157.2	-22.1	20.1	R	[Black]	C24r			
22X-5, 28-30	225-028	205.48	140-300	310.2	-20.9	31.7	RP					
22X-6, 33-35	226-033	207.03	180-300	307.4	13.7	36.9	R??	[Black]	Brief N subchron in C24r?			
22X-6, 124-126	226-124	207.94	180-330	13.9	23.4	10.0	NPP					
22X-CC, 20-22	229-020	208.88	150-260	303.5	26.9	19.1	NPP	[Black]	C24r			
23X-1, 18-20	231-018	208.98	210-270	236.8	-36.2	30.3	RPP					
23X-2, 33-36	232-033	210.63	250-290	126.2	-53.7	31.1	RPP	[Black]	C24r			
23X-3, 19-21	233-019	211.99	180-270	176.8	-30.1	28.3	RPP					
23X-4, 25-27	234-025	213.55	180-210	310.5	72.4	12.2	INT	[Hatched]	C24r			
23X-4, 115-117	234-115	214.45	140-240	137.6	-8.8	10.5	RPP					
23X-5, 28-30	235-028	215.08	150-190	99.3	14.2	12.0	R??	[Black]	C24r			
23X-6, 60-62	236-060	216.90	270-300	54.0	-7.8	42.8	RPP					
23X-CC, 26-28	239-026	218.53	150-210	118.2	-34.2	23.7	RPP	[Black]	C24r			
24X-1, 27-29	241-027	218.67	180-210	146.9	-10.9	6.9	RPP					
24X-2, 29-31	242-029	220.19	180-240	54.3	-10.4	13.6	RPP	[Black]	C24r			
24X-3, 27-29	243-027	221.67	190-260	348.1	-34.5	15.8	RP					
24X-4, 44-46	244-044	223.34	140-210	240.3	34.8	22.4	R??	[Black]	C24r			
24X-5, 25-27	245-025	224.65	210-250	106.6	-5.2	6.7	RPP					
24X-6, 13-15	246-013	226.03	180-210	92.8	56.1	14.8	INT	[Hatched]	C24r			
24X-6, 112-114	246-112	227.02	240-255	288.3	-26.5	39.0	RPP					
24X-CC, 11-13	249-011	227.96	140-180	58.2	-7.8	7.3	INT	[Hatched]				
13-m gap in recovery and sampling												
late Paleocene												
27X-1, 34-36	271-034	242.04	180-340	254.8	-22.4	5.3	R	[Black]	C24r			
27X-2, 34-36	272-034	243.54	300-330	13.9	-31.9	21.5	RPP					
27X-3, 20-22	273-020	244.90	250-340	241.5	-34.5	5.6	R	[Black]	C24r			
27X-4, 23-25	274-023	246.43	180-250	7.8	-21.7	6.1	RP					
27X-4, 135-137	274-135	247.55	200-360	156.2	-27.4	4.1	R					

Table T2 (continued).

Position, age, facies/Core, section, interval (cm)	Run name	Depth (mbsf)	Interval (°C)	Characteristic magnetization and polarity				Polarity rating	Polarity column		Polarity chron assignment	Comments
				Characteristic direction			Schematic		Generalized			
				Declination	Inclination	MAD						
28X-1, 32-34	275-021	247.62	180-310	19.8	-25.6	5.2	R					
27X-5, 21-23	275-110	247.91	200-400	293.4	-18.5	8.3	RP			C24r	Lowermost Core 171B-1050A-27X overlaps uppermost Core 28x assigned depth interval.	
28X-1, 120-123	281-032	248.50	180-270	147.4	-32.1	3.8	R					
27X-5, 110-112	281-120	248.80	200-290	91.0	-30.9	8.3	R					
28X-2, 36-38	282-036	249.16	220-280	255.3	-17.1	6.5	RP					
28X-2, 132-134	282-132	250.12	140-320	64.2	-37.4	5.0	R					
28X-3, 33-35	283-033	250.63	220-310	307.5	-11.6	13.1	RPP					
28X-3, 104-106	283-104	251.34	140-450	112.4	-30.4	5.2	R					
28X-4, 31-33	284-031	252.11	190-320	226.0	-31.9	2.8	R					
28X-4, 112-114	284-112	252.92	240-330	55.7	-34	6.0	R					
28X-5, 54-56	285-054	253.84	220-310	176.5	43.0	6.4	N					
28X-5, 116-118	285-116	254.46	140-290	178.6	32.5	6.2	N			C25n		
29X-1, 30-32	291-030	257.20	180-210	319.7	13.1	6.7	N??					
29X-1, 80-82	291-080	257.70	220-310	225.7	-23.4	5.2	R					
29X-1, 126-128	291-126	258.16	200-290	275.2	-33.8	19.6	RPP					
29X-2, 19-21	292-019	258.59	180-280	297.4	-24.5	4.9	R					
29X-3, 92-94	293-092	260.82	180-280	72.4	-32.4	6.9	R					
29X-6, 41-43	296-041	264.81	180-340	192.1	-51.5	3.1	R					
29X-6, 102-104	296-102	265.42	200-290	130.9	-31.2	4.6	R					
29X-7, 46-48	297-046	266.36	210-300	330.4	-27.4	9.4	RP					
30X-1, 53-55	301-053	267.03	250-310	127.2	-30.2	19.2	RP			C25r		
30X-1, 134-136	301-134	267.84	170-260	146.3	-42.5	7.8	R					
30X-2, 57-59	302-057	268.57	180-310	343.4	-47.1	9.7	RP					
30X-3, 16-18	303-016	269.66	180-220	104.2	-21.0	14.0	RPP					
30X-3, 109-111	303-109	270.59	170-290	236.4	-15.5	14.1	RPP					
30X-4, 18-20	304-018	271.18	180-240	13.6	-11.4	13.3	RP					
30X-4, 98-100	304-098	271.98	140-200	171.6	-15.6	23.4	RPP					
30X-5, 31-33	305-031	272.81	220-280	93.9	16.3	19.9	NPP					
30X-5, 114-116	305-114	273.64	140-170	261.7	-5.8	15.3	INT					
30X-6, 52-54	306-052	274.52	180-310	123.2	-31.0	19.3	RPP					
30X-6, 110-112	306-110	275.10	170-290	122.2	-24.6	19.6	RPP					
30X-7, 8-10	307-008	275.58	140-230	221.8	41.2		N??					
31X-1, 29-32	311-027	276.39	180-250	2.8	56.8	20.8	NPP					
31X-2, 27-30	312-027	276.73	180-210	3.8	47.7	18.5	NPP			C26n		
31X-2, 116-119	312-116	277.62	100-290	254.0	39.4	9.7	NP					
31X-3, 15-18	313-015	278.11	180-280	333.5	25.7	16.1	NPP					
31X-3, 116-119	313-116	279.12	100-140	13.4	75.8	4.9	N??					
31X-4, 24-27	314-024	279.70	250-280	37.1	-23.3	12.1	RP					
31X-4, 130-133	314-130	280.76	170-290	33.0	13.7	16.6	INT					
31X-5, 24-27	315-024	281.20	150-260	19.1	0.2	7.9	R??					
31X-5, 115-118	315-115	282.11	140-200	87.8	11.2	8.5	R??					
31X-6, 35-38	316-035	282.81	210-300	67.6	5.2	23.1	INT					
31X-6, 110-113	316-110	283.56	140-290	254.7	-10.8	14.0	RPP					
31X-7, 30-33	317-030	284.26	150-230	169.4	0.4	5.8	INT					
31X-8, 29-31	318-029	285.23	280-340	295.2	2.0	17.1	R??					
32X-1, 25-27	321-025	285.95	190-320	141.5	-23.3	8.7	R					
32X-1, 113-115	321-113	286.83	320-450	301.8	-38.7	13.3	RP					

Table T2 (continued).













Position, age, facies/Core, section, interval (cm)	Run name	Depth (mbsf)	Interval (°C)	Characteristic magnetization and polarity			Polarity rating	Polarity column		Polarity chron assignment	Comments
				Characteristic direction				Schematic	Generalized		
				Declination	Inclination	MAD					
32X-2, 44-46	322-044	287.64	180-300	6.4	-16.5	3.9	R				
32X-3, 49-51	323-049	289.19	290-320	158.2	-32.6	3.5	RP				
33X-1, 43-45	331-043	289.33	260-320	117.0	-23.7	5.2	R				
33X-1, 123-125	331-123	290.13	140-230	171.9	-14.5	4.3	RP				
33X-2, 37-39	332-037	290.77	310-380	287.5	-9.7	5.6	RP			Lowermost Core 171B-1050A-32X overlaps uppermost Core 33x assigned depth interval.	
32X-4, 104-106	324-104	291.24	170-260	181.3	-16.7	4.3	R				
33X-2, 119-121	332-119	291.59	290-360	288.0	-15.1	6.6	R				
33X-3, 38-41	333-038	292.28	230-320	226.6	-13.3	5.0	R			C26r	
33X-3, 125-127	333-125	293.15	170-320	359.1	-10.7	4.4	R				
33X-4, 34-36	334-034	293.74	210-340	319.2	-27.8	14.7	RP				
33X-4, 123-125	334-123	294.63	140-320	326.1	-14.9	3.0	R				
33X-5, 33-35	335-033	295.23	190-290	182.4	-8.9	5.0	RPP				
34X-1, 25-27	341-025	295.55	190-260	153.8	11.8	7.6	N??			Lowermost Core 171B-1050A-33X overlaps uppermost Core 34x assigned depth interval.	
33X-5, 121-123	335-121	296.11	140-290	194.5	-0.9	8.3	R??				
34X-1, 118-120	341-118	296.48	200-290	66.2	-16.5	3.9	R				
33X-6, 27-29	336-027	296.67	250-340	117.3	-14.3	5.7	R				
34X-2, 23-25	342-023	297.03	180-340	37.2	-19.2	4.2	R				
33X-6, 111-113	336-111	297.51	170-360	192.5	-7.6	10.4	RPP				
34X-2, 114-116	342-114	297.94	230-400	342.5	-19.8	5.3	R				
33X-CC, 32-34	339-032	298.07	190-290	59.0	-30.7	8.7	R				
34X-3, 31-33	343-031	298.61	150-230	305.2	-7.8	3.0	RP				
34X-3, 106-108	343-106	299.36	140-320	326.2	-22.3	11.0	R				
34X-CC, 23-25	349-023	299.85	210-270	76.5	-7.4	9.1	RPP				
35X-1, 30-32	351-030	305.20	180-250	182.1	9.4	18.1	INT				
35X-1, 116-118	351-116	306.06	200-260	303.2	-10.9	15.9	RPP				
35X-2, 33-35	352-033	306.73	280-310	123.4	-2.0	25.1	RPP				
35X-2, 117-119	352-117	307.57	260-360	327.8	-49.4	38.1	RPP				
35X-3, 40-42	353-040	308.30	210-240	70.7	37.8	32.1	N??				
35X-3, 119-121	353-119	309.09	140-200	248.0	-11.1	11.5	R??				
35X-4, 22-24	354-022	309.62	250-310	215.6	26.3	28.2	INT				
35X-4, 128-130	354-128	310.68	140-260	319.3	-1.0	6.5	R??				
35X-5, 35-37	355-035	311.25	240-270	159.7	-12.6	15.0	RPP				
35X-5, 119-121	355-119	312.09	150-250	181.3	2.1	10.6	R??				
35X-6, 34-36	356-034	312.74	180-280	193.3	-23.4	15.0	RP				
35X-6, 118-120	356-118	313.58	260-320	221.8	-23.5	13.0	RPP				
35X-7, 32-34	357-032	314.22	310-330	100.9	-9.8	11.8	RPP				
36X-1, 21-22	361-021	314.71	220-220	144.6	47.4		INT				
36X-1, 115-117	361-115	315.65	200-290	183.3	-25.1	3.7	RP				
36X-2, 35-37	362-035	316.35	220-340	6.4	-1.1	17.5	RPP				
36X-2, 118-120	362-118	317.18	230-320	33.8	-31.6	6.8	R				
36X-3, 30-32	363-030	317.80	180-300	38.5	-5.3	28.9	RPP				
36X-3, 124-126	363-124	318.74	140-450	338.1	-17.6	20.9	RPP				
36X-4, 46-49	364-046	319.46	180-310	67.3	4.8	15.6	R??				
36X-CC, 5-7	369-005	319.64	220-280	180.0	-28.5	17.9	RPP				

Table T2 (continued).

Position, age, facies/Core, section, interval (cm)	Run name	Depth (mbsf)	Characteristic magnetization and polarity					Polarity rating	Polarity column		Polarity chron assignment	Comments
			Interval (°C)	Characteristic direction			Schematic		Generalized			
				Declination	Inclination	MAD						
basal late Paleocene												
Green-gray chalk												
171B-1050C-												
2R-1, 32-34	021-032	327.42	140-320	61.8	-46.5	15.4	RP			C26r		
2R-2, 29-31	022-029	328.89	200-300	306.6	-28.8	10.1	RP					
2R-3, 52-54	023-052	330.62	140-290	157.6	-33.3	19.1	RPP					
2R-4, 32-34	024-032	331.92	180-240	67.1	-5.7	18.0	RPP					
early Paleocene												
2R-5, 45-47	025-045	333.55	100-230	253.9	56.6	23.4	NPP			C27n		
2R-6, 6-9	026-006	334.66	200-300	109.5	45.5	10.3	NP					
2R-7, 30-32	027-030	336.40	140-230	88.8	54.1	18.1	NP					
3R-1, 31-33	031-031	337.01	100-290	39.0	47.4	10.0	NP					
3R-2, 35-37	032-035	338.55	180-250	45.3	39.6	2.4	NPP					
3R-3, 25-27	033-025	339.95	140-200	26.2	18.7	31.3	NPP					
3R-4, 26-28	034-026	341.43	180-240	176.9	45.5	17.8	N					
3R-5, 74-76	035-074	343.41	140-200	116.4	34.4	10.4	NPP					
4R-1, 19-21	041-019	346.49	230-320	165.1	-16.6	20.8	RPP					
4R-2, 36-38	042-036	348.16	200-270	166.1	-22.7	8.9	RPP					
4R-3, 13-15	043-013	349.43	140-290	107.1	-24.6	16.8	RPP			C27r		
4R-4, 68-70	044-068	351.48	200-300	38.6	-14.1	2.8	R					
4R-5, 41-43	045-041	352.71	140-320	33.4	-24.6	7.8	R					
4R-6, 27-29	046-027	354.07	220-340	274.5	-9.5	7.7	RPP					
5R-1, 50-52	051-050	356.40	200-300	94.9	-41.9	11.0	RP					
5R-2, 65-67	052-065	358.05	140-170	140.9	-38.9	7.7	RPP					
5R-3, 20-22	053-020	359.10	180-340	56.1	-21.7	28.6	RPP					
5R-4, 69-71	054-069	361.09	140-320	284.1	-14.2	20.6	RPP					
5R-5, 52-54	055-052	362.23	200-300	55.3	-22.3	7.6	R					
5R-6, 23-25	056-023	363.44	200-320	156.9	-40.5	6.9	R					
6R-1, 70-72	061-070	366.20	180-380	245.9	-32.4	4.7	R			C28n		
6R-2, 80-82	062-080	367.80	140-320	222.6	-31.7	4.2	R					
Pinkish-greenish cycles in gray chalk												
6R-3, 28-30	063-028	368.78	200-470	207.4	-45.5	5.7	R					
6R-4, 103-105	064-103	371.03	140-260	3.9	32.1	5.6	N					
6R-5, 91-93	065-091	372.41	240-470	215.3	44.1	7.8	N					
6R-6, 22-24	066-022	373.22	230-320	233.9	37.4	4.7	N					
6R-7, 28-30	067-028	374.78	240-470	212.0	52.2	3.8	N					
6R-CC, 4-6	069-004	375.22	140-400	354.8	32.8	3.6	N					
7R-1, 67-69	071-067	375.87	180-420	303.3	31.1	9.7	N					
Greenish cycles in gray chalk												
7R-2, 28-30	072-028	376.98	140-400	271.4	41.7	4.0	N			C28r		
7R-3, 8-10	073-008	378.28	300-420	165.5	46.5	7.2	N					
7R-4, 39-42	074-039	380.09	100-290	342.6	35.8	7.7	N					
8R-1, 38-40	081-038	385.28	180-270	134.6	36.7	11.7	NP					
8R-2, 39-41	082-039	386.79	140-260	134.0	24.8	30.5	NPP					
8R-3, 17-19	083-017	388.07	200-420	77.0	-9.5	18.2	RPP					
8R-4, 54-56	084-054	389.44	170-230	60.5	-9.1	20.7	RPP					

Table T2 (continued).




















Position, age, facies/Core, section, interval (cm)	Run name	Depth (mbsf)	Interval (°C)	Characteristic magnetization and polarity				Polarity rating	Polarity column		Polarity chron assignment	Comments
				Characteristic direction			Schematic		Generalized			
				Declination	Inclination	MAD						
9R-1, 24-26	091-024	394.74	140-290	107.4	23.8	8.9	N			C29n		
9R-2, 26-28	092-026	396.26	250-280	100.9	-33.3	6.1	RPP			C29r		
9R-3, 16-18	093-016	397.66	150-250	153.8	0.3	14.0	R??					
<b>14-m gap in sampling</b>												
Maastrichtian												
Light green-gray cyclic chalk												
11R-3, 77-79	113-077	412.47	140-260	150.4	63.4	7.7	N			C30n		
<b>17-m gap in recovery</b>												
13R-1, 30-32	131-030	423.60	240-360	151.5	-13.2	4.3	R					
13R-2, 31-33	132-031	425.11	100-230	269.3	17.2	20.6	INT			C30r?	Alternatively, this is a remagnetized interval within polarity Zone C30n.	
13R-3, 56-58	133-056	426.86	180-340	344.6	-51.1	19.0	RP					
13R-4, 51-53	134-051	428.31	140-400	123.3	46.9	13.6	N			C31n?	Alternatively, this is still polarity Zone C30n.	
13R-5, 36-39	135-036	429.66	330-470	308.3	-30.9	19.2	RPP					
13R-6, 16-18	136-016	430.96	100-600	97.4	45.9	2.4	N			C31n?	Alternatively, this is still polarity Zone C30n.	
<b>15-m gap in recovery</b>												
Red-pink cycles in gray chalk												
15R-1, 56-58	151-056	443.16	140-360	186.4	48.1	5.3	N			C31n?	Alternatively, this is the lower part of polarity Zone C30n.	
15R-2, 14-16	152-014	444.24	180-420	143.4	51.1	3.6	N					
15R-3, 25-27	153-025	445.85	440-600	5.0	-18.2	4.3	R			?	Alternatively, this is polarity Zone C30r.	
15R-4, 42-44	154-042	447.52	240-470	306.8	-26	3.2	R					
15R-5, 46-48	155-046	449.06	230-600	102.9	23.1	7.4	N			C31n		
15R-6, 64-66	156-064	450.74	380-470	323.5	-22.2	3.1	R			?		
15R-7, 23-25	157-023	451.83	230-320	207.9	69.6	13.4	NP			C31n		
16R-1, 27-29	161-027	452.47	100-360	114.2	45.9	3.6	N					
16R-1, 83-85	161-083	453.03	270-470	298.2	-17	5.1	R			C31r		
16R-2, 83-85	162-083	454.53	400-600	334.7	-14.9	3.7	R					
16R-3, 10-12	163-010	455.30	180-420	136.6	47.5	2.7	N					
17R-1, 82-84	171-082	462.62	240-420	144.5	44.8	3.9	N			C32n.1n		
17R-2, 20-22	172-020	463.50	100-520	79.0	38.7	6.9	N					
18R-1, 34-36	181-034	471.74	180-340	340.7	-45.8	2.7	R					
18R-2, 8-10	182-008	472.98	200-440	122.2	-51.9	4.6	R			C32n.1r		
18R-3, 41-43	183-041	474.81	200-420	93.4	-44.7	3.8	R					
18R-4, 56-58	184-056	476.46	170-560	106.4	-50.3	4.5	R					
18R-5, 16-18	185-016	477.56	250-420	149.9	7.6	6.0	NPP			C32n.2n		
<b>Campanian</b>												
Tan chalk with cyclic red-brown-green												
19R-1, 47-49	191-047	481.47	240-470	304.5	-31.3	3.8	R				Remagnetized to reversed-polarity during slumping. Original polarity uncertain.	
19R-1, 128-130	191-128	482.28	230-600	336.7	-35.1	2.0	R					
<b>8-m gap in recovery</b>												
20R-1, 11-13	201-011	490.71	420-470	338.0	66.8	13.4	NPP			C33n?		



Table T2 (continued).

Position, age, facies/Core, section, interval (cm)	Run name	Depth (mbsf)	Interval (°C)	Characteristic magnetization and polarity					Polarity chron assignment	Comments	
				Characteristic direction			Polarity column				
				Declination	Inclination	MAD	Polarity rating	Schematic			Generalized
Coniacian											
Pinkish tan chalk											
20R-2, 67-69	202-067	492.77	230-520	355.3	68.4	4.2	N		C34n		
20R-3, 12-14	203-012	493.67	240-470	106.8	28.2	2.6	N				
Turonian											
Brownish red marl											
20R-4, 19-21	204-019	495.24	140-400	73.0	54.8	14.8	NP		C34n		
21R-1, 14-17	211-014	500.34	280-470	40.5	40.0	3.9	N				
Cenomanian											
Light-gray chalk with light-dark cycles											
21R-5, 83-85	215-083	507.03	290-350	121.7	28.8	13.0	NPP		C34n	Near slumped interval!	
22R-1, 26-28	221-026	510.06	200-420	285.7	-30.9	8.3	INT				
23R-1, 92-94	231-092	520.32	100-200	30.7	26.9	17.5	NPP				
23R-5, 123-125	235-123	526.63	180-420	338.4	39.1	3.5	N				
23R-6, 66-68	236-066	527.56	140-440	356.7	47.2	4.0	N				
23R-7, 59-61	237-059	528.99	200-270	124.2	33.4	9.9	NPP				
24R-1, 135-137	241-135	530.45	180-340	83.8	-12.6	1.5	R				?
24R-2, 35-38	242-035	530.95	150-400	179.2	42.6	5.8	N				?
24R-3, 14-17	243-014	531.60	200-420	48.5	37.7	3.5	N				?
26R-1, 20-22	261-020	548.60	200-350	203.5	-5.1	6.0	RP				?
Red marly interval (Sections 171B-1050C-26R-2, 90 cm, through 26R-4, 30cm)											
26R-3, 38-40	263-038	551.78	180-470	283.7	42.3	2.4	N				
26R-3, 135-137	263-135	552.75	140-560	293.2	47.0	3.1	N				
Gray marly chalk											
27R-2, 140-142	272-140	560.90	100-320	0.5	33.7	23.0	NPP		C34n		
Dark gray silty nannoclaystone											
28R-3, 79-81	283-079	571.39	170-350	6.6	29.7	11.3	NP				
28R-4, 54-57	284-054	572.64	200-270	111.7	57.0	7.3	N				
28R-6, 117-119	286-117	576.27	200-290	19.1	47.9	8.0	N				
28R-CC, 8-10	289-008	577.29	220-340	73.5	-7.2	11.5	RP		?		
late Albian											
29R-1, 98-100	291-098	578.18	170-350	64.5	26.7	3.1	N		C34n		
29R-3, 15-17	293-015	580.35	200-330	187.9	30.5	6.7	N				
29R-4, 100-102	294-100	582.70	140-320	241.5	33.6	14.3	NP				
30R-1, 29-31	301-029	587.09	180-330	203.5	24.6	8.9	N				
30R-2, 142-144	302-142	589.72	140-350	300.2	24.7	1.9	N				
30R-4, 84-86	304-084	592.14	140-440	265.2	50.1	10.3	NP				
30R-5, 126-128	305-126	594.06	240-330	61.9	28.0	5.5	N				
30R-CC, 12-14	309-012	595.73	150-350	196.4	11.7	2.8	NP				
31R-1, 120-122	311-121	597.60	180-340	64.5	-1.5	7.0	INT				
31R-2, 122-123	312-122	599.12	140-320	125.7	42.5	12.1	NP				
31R-3, 40-42	313-040	599.80	270-360	176.6	18.5	3.6	N				
31R-4, 103-105	314-103	601.93	100-480	183.4	56.2	8.7	N				

**Table T2 (continued).**

Position, age, facies/Core, section, interval (cm)	Run name	Depth (mbsf)	Interval (°C)	Characteristic magnetization and polarity					Polarity chron assignment	Comments
				Characteristic direction			Polarity column			
				Declination	Inclination	MAD	Polarity rating	Schematic		
31R-5, 30-32	315-030	602.70	180-340	118.1	33.4	4.2	N			
31R-6, 70-72	316-070	604.60	150-450	186.8	49.9	6.4	NP			

Notes: Sediment facies are generalized color-texture descriptions from shipboard observations, and the lithologic units for each hole are displayed on the associated magnetostratigraphic figure. The interval (°C) indicates the demagnetization range that was used to compute the characteristic direction and polarity of magnetization for each sample. Declination and inclination are in degrees. MAD (mean angular dispersion) values indicate the precision of the three-dimensional line fit of these paleomagnetic vectors to obtain the characteristic direction. The polarity rating system (R, RP, RPP, R??, INT, N??, NPP, NP, N) is explained in the text. Two polarity columns are shown with the shades of gray or hatchure fill in the schematic column reflecting the polarity rating of individual samples and the generalized column indicating the main polarity intervals. Polarity chron assignments are based on the polarity pattern and biostratigraphic constraints in correlating to the reference magnetic polarity time scale.