

Table 8. Paleomagnetic data from the Kiowa #1 core

Sample	Depth (ft)	a	b	c	d	Mean	Polarity
dba03	83.4	-18.1	-20.1	31.2	6.9		
dba07	101.7	-22.9	-15.6	-38.3	-67.9	-36.2	R
dba18	157.5	9.7	-18.7	-47.4			
dba24	185.6	-44.7	-48.4	-55.4	-23.7	-43.0	R
dba28a	209.6	-33.4	-74.4	-70.3		-59.3	R
dba31a	221.0	-76.4	-75.9	-26.4		-59.6	R
dba32	250.3	-22.3	4.2	-19.1	43.7		
dba38a	287.8	-21.2	-40.2	-39.2		-33.5	R
dba42	317.8	-41.2	-17.2	-38.7		-32.3	R
dba51	384.3	49.2	56.4	53.8	49.4	52.2	N
dba56	407.8	18.7	-13.2	38.6			
dba57	412.2	-69.8	-53.6	-71.5	-69.9	-66.2	REMOVED
dba58	418.3	45.3	57.9	44.3		49.2	N
dba62	432.2	79.8	73.5	68.4	75.6	74.3	N
dba67	453.8	61.2	68.5	72.1	57.9	64.9	N
dba71	472.4	33.8	29.4	6.8	18.3	22.1	N
dba76	498.5	32.8	42.3	43.5	55.4	43.5	N
dba86	546.2	79.0	45.3	51.9	34.6	52.7	N
dba89a	575.8	-48.2	-40.2	-47.0		-45.1	R
dba91	588.0	-67.0	-54.5	-68.8	-50.8	-60.3	R
dba92a	588.5	-71.8	-78.4	-69.5		-73.2	R
dba108	667.3	63.2	64.3	61.2	52.1	60.2	N
dba116	719.5	59.7	31.4	42.0	40.7	43.4	N
dba121	761.7	40.7	48.6	54.0	49.4	48.1	N
dba131	820.7	71.7	44.4	67.3		61.1	N
dba138	851.6	68.1	55.9	55.2	64.9	61.0	N
dba139a	857.9	65.3	65.9	66.5		65.9	N
dba141a	871.4	63.6	60.4	60.8		61.6	N
dba142a	886.0	-49.1	-17.7	-8.6		-25.1	R
dba144a	893.2	0.4	19.2	-8.6			
dba146	902.0	-32.5	-51.6	-28.1	-39.1	-37.8	R
dba149	917.5	-12.0	-20.1	41.0	-14.4		
dba153	934.3	-41.7	-40.2	-44.9	-36.7	-40.9	R
dba157	952.1	-72.6	-79.3	-46.6	-85.0	-70.9	R
dba168	1007.2	-31.5	-30.3	-27.7		-29.8	R
dba176	1041.3	-13.9	-35.4	-14.9	-22.9	-21.8	R
dba179	1054.8	-13.5	-66.7	-23.3		-34.5	R
dba182	1075.7	-30.6	-33.8	-41.5	-38.5	-36.1	R
dba187	1095.7	-42.9	-47.7	-68.1	-46.6	-51.3	R
dba193	1117.0	-46.4	-36.3	-42.2		-41.6	R
dba202	1156.8	-10.7	-39.0	-46.1	-29.8	-31.4	R
dba203a	1160.9	-13.9	-21.2	-25.3		-20.1	R
dba206a	1173.8	-36.5	16.8	-40.8			
dba209a	1203.3	71.1	69.0	42.7		60.9	N
dba214a	1226.0	78.4	60.8	-3.5			
dba218a	1248.5	68.7	67.0	70.8		68.8	N
dba222	1266.8	51.5	53.6	31.3	56.7	48.3	N

dba231	1332.5	30.8	36.6	25.9	47.2	35.1	N
dba234a	1341.8	64.6	47.3	-6.3			
dba237a	1355.0	-6.3	23.2	28.2			
dba244	1385.6	46.6	-26.2	38.2			
dba247	1414.8	62.1	65.9	62.1	69.2	64.8	N
dba252	1441.5	38.9	46.9	55.9	-32.1		
dba259	1503.4	47.4	51.5	67.3	39.0	51.3	N
dba267	1536.8	65.6	-8.5	50.4	35.3		
dba271	1559.7	36.5	23.6	19.4	43.5	30.7	N
dba272	1565.9	18.7	26.3	34.5		26.5	N
dba278	1596.4	43.6	58.8	47.0		49.8	N
dba282	1607.7	65.5	58.7	58.3	58.6	60.3	N
dba292	1675.6	42.4	54.0	58.4	64.4	54.8	N
dba297	1696.3	45.4	42.5	57.1	58.0	50.7	N
dba307	1740.7	67.0	64.2	65.9	65.4	65.6	N
dba312	1763.4	56.7	6.3	20.9	50.4	33.6	N
dba317	1794.5	73.8	60.2	47.0	55.0	59.0	N
dba327	1846.7	67.0	66.5	62.0	60.7	64.1	N
dba333a	1974.8	77.2	35.8	75.9		63.0	N
dba329a	1985.4	60.7	80.9	42.1		61.2	N
dba334a	1990.9	55.0	41.2	63.1		53.1	N
dba337	2007.8	37.6	48.2	56.7	24.6	41.8	N
dba339	2017.3	30.9	38.0	37.3		35.4	N
dba344	2038.7	54.3	61.0	72.5	69.8	64.4	N
dba349a	2059.0	50.3	70.5	54.1		58.3	N
dba352a	2071.7	45.6	31.5	49.7		42.3	N
dba353a	2126.5	58.3	26.1	-35.5			
dba354a	2136.8	41.8	-37.1	47.4			
dba356a	2147.6	-35.9	-33.1	-34.1		-34.4	R
dba357	2150.5	69.9	71.6	80.2	57.5	69.8	N
dba362	2173.7	24.9	33.1	56.5	41.8	39.1	N
dba361a	2189.6	-4.4	31.0	-19.6			
dba366	2197.3	43.7	71.5	18.5	25.3	39.7	N
dba368a	2206.4	36.1	28.3	-24.9			
dba371	2222.8	25.7	17.7	-3.5	43.1		
dba373a	2228.8	61.6	-39.0	25.7			
dba374a	2234.3	47.0	66.6	25.6		46.4	N
dba376a	2244.7	-5.9	-27.1	-11.1		-14.7	R
dba377	2250.9	13.1	8.9	16.1	-22.8		
dba378	2253.4	-31.3	-19.7	-53.3		-34.8	R

Polarity Interval	Depth (ft)	+/-	Age (Ma)	Duration	Rate
C28n/C24r? (N4/R5)	351.0	+/- 33.3	> 64.13	-	-
C28r/C28n (R4/N4)	561.0	+/- 14.8	63.63	2.74 Myr	193 ft/Myr
C29n/C28r (N3/R4)	627.9	+/- 39.4	63.98	-	-
C29r/C29n (R3/N3)	878.7	+/- 7.3	65.51	0.333 Myr	911 ft/Myr
C30n/C29r (N2/R3)	1182.1	+/- 21.2	65.84	3.17 Myr	292 ft/Myr
C31r/C31n (R2/N2)	2109.7	+/- 38.0	69.01	-	-

