

Table A4.2 Pliocene Palaeomagnetic Data

Site Details					Structure Corrected		Derived Actual Paleomagnetic Data					
Number	Age	Age	Age	Site	Site	Correct	Correct	Paleo	Paleo	Palaeo	Pole	Pole
Result	Low Mag	High Mag	Mean	Lat	Long	Dec	Inc	Radius	Colatitude	Latitude	Latitude	Longitude
1367	0	1	0.5	18.5	-72.5	358.0	11.0	6360.22	84.31	5.6	77.04	116.41
2159	0	1	0.5	52.5	-2.8	290.0	2.0	6360.22	88.85	1.0	12.95	251.78
2969	0	1	0.5	8.5	-71.2	358.0	10.0	6360.22	84.82	5.0	86.13	139.81
3315	0	1	0.5	-29.5	30.8	343.0	-56.0	6360.22	-53.36	-36.5	-74.10	89.70
6061	0	1	0.5	35.2	139.2	4.9	47.7	6360.22	61.11	28.8	82.45	284.51
6062	0	1	0.5	35.2	139.2	51.8	46.7	6360.22	61.95	27.9	45.81	223.46
6983	0	1	0.5	37.2	128.8	8.3	61.7	6360.22	47.04	42.9	81.44	173.99
7516	0	1	0.5	40.3	15.6	351.3	56.1	6360.22	53.26	36.7	82.32	260.76
7593	0	1	0.5	45.8	85.5	2.3	68.1	6360.22	38.73	51.2	84.33	100.22
8073	0	1	0.5	26.6	106.7	22.6	17.6	6360.22	80.85	9.0	62.40	231.73
8198	0	1	0.5	-6.5	146.8	117.6	5.9	6360.22	86.90	3.0	-27.76	236.71
8199	0	1	0.5	-6.5	146.8	85.8	6.3	6360.22	86.70	3.2	3.79	233.03
8200	0	1	0.5	-6.5	146.8	338.4	-31.3	6360.22	-72.97	-16.9	-66.41	208.39
8201	0	1	0.5	-6.5	146.8	191.5	-0.7	6360.22	-89.50	-0.4	76.56	205.84
3077	0	2	1	9.0	-72.0	39.8	3.9	6349.66	87.76	2.0	49.85	25.25
6345	0	2	1	23.5	121.3	184.4	-23.5	6349.66	-77.48	-12.3	78.26	279.71
6347	0	2	1	23.0	121.2	190.0	-31.2	6349.66	-72.91	-16.8	78.91	241.58
7463	0	2	1	34.0	80.4	18.8	31.7	6349.66	72.60	17.2	66.37	210.31
6237	1	3	2	40.5	16.5	157.8	-56.1	6328.61	-52.99	-36.7	72.39	282.23
369	0	5	2.5	37.4	-121.3	181.1	52.0	6318.13	56.91	32.6	-19.50	-122.28
370	0	5	2.5	39.0	-122.5	68.0	61.0	6318.13	47.55	42.1	39.76	-59.63
373	0	5	2.5	42.3	-124.2	327.0	66.6	6318.13	40.54	49.1	66.15	-185.32
2539	0	5	2.5	53.6	-9.6	355.0	58.0	6318.13	50.91	38.7	75.09	185.65
2709	0	5	2.5	-24.0	-65.0	168.0	52.0	6318.13	56.91	32.6	-76.10	-18.53
8072	0	5	2.5	26.6	106.7	3.4	15.6	6318.13	81.37	7.9	71.74	275.91
8156	0	5	2.5	37.3	128.5	202.7	-24.6	6318.13	-76.47	-12.9	58.79	262.11
6348	1	4	2.5	23.0	121.2	214.4	-26.6	6318.13	-75.32	-14.1	56.49	219.38

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Result	Low Mag	High Mag	Mean	Lat	Long	Dec	Inc	Radius	Colatitude	Latitude	Latitude	Longitude
7510	1	4	2.5	42.0	12.5	357.8	52.0	6318.13	56.91	32.6	80.92	204.26
6343	2	3	2.5	24.0	121.2	184.4	-31.0	6318.13	-72.67	-16.7	82.16	268.72
1135	1	5	3	33.0	73.0	353.6	38.9	6307.66	67.35	22.0	78.21	283.22
6346	2	4	3	23.5	121.2	203.0	-26.9	6307.66	-75.02	-14.2	66.72	228.49
3391	2	5	3.5	35.0	36.0	170.1	-36.2	6297.22	-69.09	-20.1	73.44	250.29
6249	2	5	3.5	31.5	35.3	25.1	46.9	6297.22	61.17	28.1	68.18	125.82
7583	2	5	3.5	41.5	19.6	205.0	-48.0	6297.22	-60.25	-29.0	66.65	131.81
7710	2	6	4	24.8	125.4	178.5	-27.0	6286.81	-74.71	-14.3	80.39	314.10
720	3	5	4	37.1	14.5	353.5	54.0	6286.81	54.73	34.5	84.44	267.18
6344	3	5	4	24.0	121.2	218.2	-30.0	6286.81	-72.92	-16.1	53.68	214.81
750	4	5	4.5	43.1	10.5	179.0	-58.0	6276.41	-50.57	-38.7	86.25	202.40
1024	0	10	5	39.9	139.8	10.1	54.9	6266.04	53.67	35.4	81.29	250.83
6565	0	10	5	1.3	110.3	358.4	-3.7	6266.04	-86.70	-1.9	-85.13	129.46
7819	3	7	5	43.2	11.0	177.3	-56.9	6266.04	-51.65	-37.5	84.74	214.76
1141	3	8	5.5	-27.0	-66.5	26.6	46.9	6255.70	60.77	28.1	28.26	-40.17
6225	3	8	5.5	38.4	-122.4	178.0	-46.5	6255.70	-61.09	-27.8	80.36	68.12

Table A4.2 Pliocene sample site details, structure corrected data and derived actual palaeomagnetic data. (Data after McElhinny & Lock, 1996)