Data Repository Item DR 2003056

Table DR1: Thellier results from plagioclase crystals. Averaged data (see text) are in brackets. Uncertainties are 1σ.

Dike	Paleointensity (μT)	VDM (x 10^{22} Am^2)
B-59	38.4 ± 1.6 (38.3 ± 0.9)	7.49 ± 0.31 (7.47 ± 0.18)
	44.0 ± 2.5 (48.7 ± 0.5)	8.58 ± 0.49 (9.50 ± 0.10)
	57.4 ± 5.5 (59.9 ± 3.8)	11.20 ± 1.07 (11.69 ± 0.74)
	62.3 ± 6.7 (63.3 ± 4.4)	12.15 ± 1.31 (12.35 ± 0.86)
B-59 mean:	50.5 ± 11.2 (52.5 ± 11.4)	9.85 ± 2.19 (10.24 ± 2.22)
B-19	32.0 ± 1.8 (32.3 ± 0.8)	6.24 ± 0.35 (6.30 ± 0.16)
	31.9 ± 2.0 (30.3 ± 1.0)	6.22 ± 0.39 (5.91 ± 0.20)
	26.8 ± 1.2 (27.0 ± 0.6)	5.23 ± 0.23 (5.27 ± 0.12)
B-19 mean:	30.2 ± 3.0 (29.9 ± 2.7)	5.89 ± 0.59 (5.83 ± 0.53)
B-14	44.1 ± 6.2 (43.2 ± 1.4)	8.60 ± 1.21 (8.43 ± 0.27)
	39.5 ± 4.0 (40.0 ± 1.6)	7.71 ± 0.78 (7.80 ± 0.31)
	55.8 ± 4.9 (55.8 ± 4.0)	10.89 ± 0.96 (10.89 ± 0.78)
	45.0 ± 4.0 (45.7 ± 2.2)	8.78 ± 0.78 (8.92 ± 0.43)
B-14 mean:	46.1 ± 6.9 (46.2 ± 6.8)	8.99 ± 1.35 (9.01 ± 1.33)
B-10	38.5 ± 4.2 (39.8 ± 2.6)	7.51 ± 0.82 (7.76 ± 0.51)
	43.0 ± 8.3 (41.7 ± 4.8)	7.65 ± 0.78 (7.41 ± 0.20)
	49.0 ± 5.6 (50.1 ± 2.5)	9.56 ± 1.62 (9.77 ± 0.49)
	30.9 ± 3.7 (32.2 ± 1.6)	6.03 ± 0.72 (6.28 ± 0.31)
B-10 mean:	40.4 ± 7.6 (41.0 ± 7.4)	7.88 ± 1.48 (8.00 ± 1.44)
Total mean:	42.6 ± 10.3 (43.2 ± 10.8)	8.31 ± 2.01 (8.43 ± 2.11)

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Table DR2: Supplementary Information: Unveraged paleointensity parameters: temperature range, paleofield value (in μT), regression coefficient (R^2), number of temperature steps used in line fit (NP), laboratory field (in μT) (F_l), slope (b), standard deviation of line fit (σ_b), fraction of NRM used in line fit (f), gap factor (g), and quality factor (q).

Sample	Temp. (^{o}C)	μT	R^2	NP	F_l	b	σ_b	f	g	q
b-59-1	440-575	38.4	0.98	9	40	-0.960	0.040	0.896	0.808	17.54
b-59-2	535-575	44.0	0.98	6	40	-1.100	0.062	0.955	0.406	7.47
b-59-3	475-575	57.4	0.96	7	60	-0.957	0.091	0.934	0.562	5.70
b-59-4	475-560	62.3	0.96	6	60	-1.038	0.112	0.877	0.706	5.88
b-19-1	440-560	32.0	0.98	8	40	-0.800	0.044	0.913	0.756	12.60
b-19-2	460-560	31.9	0.97	7	40	-0.798	0.051	0.945	0.630	9.11
b-19-3	440-560	26.8	0.97	8	40	-0.670	0.029	0.909	0.447	9.13
b-14-1	460-560	44.1	0.95	6	60	-0.735	0.103	0.892	0.724	5.64
b-14-2	440-560	39.5	0.96	7	60	-0.658	0.067	0.952	0.754	7.66
b-14-3	525-560	55.8	0.97	6	40	-1.395	0.122	0.940	0.657	6.71
b-14-4	450-575	45.0	0.96	8	60	-0.750	0.067	0.929	0.764	7.81
b-10-1	440-560	38.5	0.97	7	60	-0.642	0.070	1.005	0.694	6.55
b-10-2	440-560	43.0	0.95	7	60	-0.717	0.138	0.967	0.665	3.61
b-10-3	535-575	49.0	0.95	6	40	-1.225	0.161	0.891	0.606	4.61
b-10-4	500-575	30.9	0.96	8	60	-0.515	0.062	1.035	0.693	6.24

Table DR3: Supplementary Information: Averaged paleointensity parameters: temperature range, paleofield value (in μT), regression coefficient (R^2), number of temperature steps used in line fit (NP), laboratory field (in μT) (F_l), slope (b), standard deviation of line fit (σ_b), fraction of NRM used in line fit (f), gap factor (g), and quality factor (q).

Sample	Temp. (^{o}C)	μT	R^2	NP	F_l	b	σ_b	f	g	q
b-59-1	460-560	38.3	0.99	7	40	-0.959	0.022	0.837	0.812	30.07
b-59-2	445-575	48.7	0.99	5	40	-1.217	0.012	0.911	0.710	63.24
b-59-3	500-560	59.9	0.99	5	60	-0.998	0.063	0.885	0.719	10.13
b-59-4	500-560	63.3	0.99	5	60	-1.055	0.074	0.733	0.731	7.70
b-19-1	460-560	32.3	0.99	7	40	-0.808	0.019	0.853	0.786	28.47
b-19-2	480-560	30.3	0.99	6	40	-0.756	0.026	0.881	0.748	19.46
b-19-3	460-560	27.0	0.99	7	40	-0.675	0.015	0.897	0.731	27.42
b-14-1	480-540	43.2	0.99	4	60	-0.720	0.024	0.707	0.664	14.24
b-14-2	460-540	40.0	0.99	5	60	-0.667	0.026	0.692	0.737	13.23
b-14-3	535-575	55.8	0.99	5	40	-1.395	0.101	0.772	0.681	7.31
b-14-4	475-560	45.7	0.99	6	60	-0.762	0.036	0.747	0.771	11.71
b-10-1	460-540	39.8	0.99	5	60	-0.663	0.043	0.874	0.730	10.01
b-10-2	460-540	41.7	0.99	5	60	-0.695	0.080	0.894	0.729	6.46
b-10-3	545-575	50.1	0.99	5	40	-1.252	0.062	0.678	0.673	9.31
b-10-4	500-560	32.2	0.99	5	60	-0.537	0.026	0.881	0.727	13.36