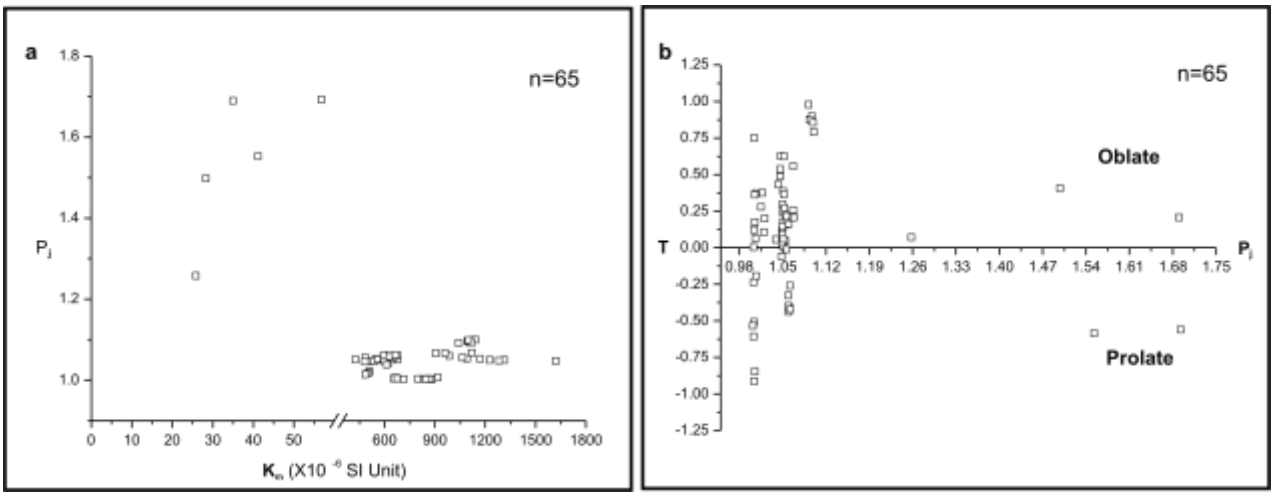
Supplementary Sheet 1

Table-1

Anisotropy of magnetic susceptibility (AMS) data of metabasalt and granite from the Gadag region (West Dharwar Craton, southern India). K_m = Mean susceptibility; P_j = corrected degree of magnetic anisotropy; T = shape parameter. K_1 and K_3 are Declination/Inclination of the maximum and minimum principal axes of the AMS ellipsoid, respectively.

Sampling Site	Number of cores	K_m (x 10^{-6} SI units)	P_j	T	K_1 (D/I)	K_3 (D/I)
130D	6	1280	1.051	0.128	98.8/38.6	241.1/44.8
130F	6	1100	1.096	0.88	346.3/21.7	253.9/6
132A	5	673	1.005	0.148	190.1/23	285.6/12.9
132B	4	500	1.018	0.241	176/36	52/36
134A	6	614	1.05	0.309	159/15.9	68.2/2.8
134A1	5	603	1.052	0.086	156.8/29.5	250.7/6.8
134D	5	37.4	1.539	-0.092	356.2/7.3	255.1/56.6
137	6	642	1.061	-0.375	71.5/75.1	215.1/12.1
138E	5	1010	1.064	0.235	144.8/33.7	248.2/19.1
144B	4	517	1.05	0.152	196/47	70/29
144C	4	521	1.048	0.57	191/36	86/20
145A	5	818	1.005	-0.216	161.4/37.8	33.2/38.5
145C	4	864	1.003	-0.411	171/39	326/53



Graphs for the AMS data. (a) K_m vs. Pj plot for metabasalt. (b) Pj vs. T plot for metabasalt. n= number of data