

APPENDIX A TO:

**PALEOMAGNETIC RESULTS FROM WESTERN ANATOLIA:
EVIDENCE OF MICROBLOCK ROTATIONS AFTER EMPLACEMENT
OF THE LOWER MIOCENE YUNTDAĞ VOLCANIC ROCKS**

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Site	N	K _{mean}	P	T	F	L	U
DM1	21	696.33	1.06009	0.33643	1.03976	1.01955	0.32345
DM2	15	435.40	1.03593	-0.34287	1.01166	1.02398	-0.35065
DM3	21	188.03	1.04426	0.73342	1.03825	1.00578	0.72839
DM4	15	154.33	1.02962	0.25129	1.01843	1.01098	0.24444
DM5	16	292.46	1.03459	-0.9796	1.00034	1.03423	-0.98
DM6	12	475.50	1.04567	0.23697	1.02801	1.01718	0.22641
DM7	18	311.10	1.03444	0.60538	1.02755	1.00670	0.6
DM8	26	123.76	1.03966	0.46597	1.02892	1.01044	0.45833
DM9	13	593.86	1.05802	0.29435	1.03717	1.02010	0.28143
DM10	9	501.60	1.05285	0.15212	1.03011	1.02207	0.13953
DM11	16	39.56	1.12533	-0.3356	1.04	1.08205	-0.3617
DM12	18	480.86	1.06205	0.50433	1.04632	1.01503	0.49305
DM13	10	520.7	1.03364	0.32138	1.02210	1.01129	0.31395
DM14	18	155.23	1.05448	0.47374	1.03986	1.01405	0.46341
DM15	21	402.03	1.04892	0.66120	1.04047	1.00812	0.65445
DM16	18	506.73	1.07673	0.74941	1.06679	1.00930	0.74124
DM17	15	420.66	1.05524	0.08415	1.02957	1.02492	0.07079
DM18	23	269.2	1.06808	0.65715	1.05609	1.01135	0.64772
BG1	9	796.7	1.11492	0.33440	1.07528	1.036866	0.31010
BG2	20	196.33	1.03380	0.72701	1.029121	1.004547	0.72307
BG3	10	1300.56	1.04468	-0.35185	1.014268	1.029991	-0.36140
BG4	10	360	1.05633	0.12011	1.031160	1.024397	0.10659
BG5	8	149.4	1.04683	0.71156	1.039944	1.006622	0.70588
BG6	11	411.36	1.01466	-0.83221	1.001221	1.013424	-0.83333

BG7	9	123.43	1.03728	0.64975	1.030654	1.006430	0.64444
BG8	13	909.46	1.07105	0.16280	1.040716	1.029150	0.14606
BG12	8	676.23	1.05265	0.32938	1.034697	1.017355	0.31791
BG13	12	1019.86	1.03771	0.65425	1.031093	1.006420	0.64893
BG14	9	320.03	1.03836	-0.69767	1.005707	1.032471	-0.70247
BG15	11	3300.86	1.05265	0.35468	1.011327	1.027165	0.64578
BG16	9	2561.8	1.06245	0.29677	1.016207	1.020993	0.54857
BG17	8	2935.36	1.04415	0.25119	1.021951	1.021313	0.57575

Appendix: AMS data from Lower - Middle Miocene volcanic rocks. N: number of samples;

κ_{mean} : mean volume susceptibility (SI units); P (degree of anisotropy) = $\kappa_{\text{max}}/\kappa_{\text{min}}$; T (shape parameter) = $(2 \eta_2 - \eta_1 - \eta_3) / (\eta_1 - \eta_3)$ where $\eta_1 = \ln k_1$, $\eta_2 = \ln k_2$, $\eta_3 = \ln k_3$; degree of anisotropy; L (lineation): $(\kappa_{\text{max}}/\kappa_{\text{int}})$; F (foliation): $(\kappa_{\text{int}}/\kappa_{\text{min}})$; U (shape parameter) = $(2 \kappa_{\text{int}} - \kappa_{\text{max}} - \kappa_{\text{min}}) / (\kappa_{\text{max}} - \kappa_{\text{min}})$ (Jelinek 1981). κ_{max} : maximum, κ_{int} : intermediate, κ_{min} : minimum anisotropy axes.