Supporting Information for

Antiferromagnetism and Metamagnetism in $\text{ErFeCuGe}_4\text{O}_{12}$

Diming Xu¹, Maxim Avdeev^{2,3} and Peter D. Battle^{1,*}

1. Inorganic Chemistry Laboratory, Oxford University, South Parks Road, Oxford, OX1 3QR, U. K.
2. Australian Nuclear Science and Technology Organisation, Lucas Heights, NSW 2234, Australia
3. School of Chemistry, The University of Sydney, Sydney, NSW 2006, Australia

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* to whom correspondence should be addressed: peter.battle@chem.ox.ac.uk

Table S1 Selected bond lengths (Å) and angles (°) in ErFeCuGe₄O₁₂ at 30 K

	on cooling	on warming
<i>a</i>	9.6408(1)	9.6412(1)
<i>c</i>	4.7474(1)	4.7479(1)
Er-O2 × 8	2.326(2)	2.339(4)
Fe/Cu-O1 × 2	2.348(2)	2.338(5)
Fe/Cu-O2 × 4	2.001(2)	2.002(4)
Ge-O1 × 2	1.779(1)	1.774(3)
Ge-O2 × 2	1.718(2)	1.712(4)
O2- Fe/Cu-O2	96.94(10)	96.20(22)
O2- Fe/Cu-O2	83.06(10)	83.80(22)
O1-Ge-O1	107.18(14)	108.58(30)
O1-Ge-O2	104.94(8)	104.60(19)
O1-Ge-O2	108.04(10)	107.81(21)
O2-Ge-O2	122.88(14)	122.91(30)
R _{wpr}	5.93%	7.68%
χ ²	8.426	26.86

(a)

(b)

Figure S1 Observed and calculated diffraction patterns of $\text{ErFeCuGe}_4\text{O}_{12}$ at 30 K (a) before and (b) after the sample was subjected to a magnetic field of 40 kOe. Difference curves and reflection positions are also shown.