Rare earth mineral diversity controlled by REE pattern shapes

Michael Anenburg1

1Research School of Earth Sciences, Australian National University, Canberra, ACT 2600, Australia.

Corresponding author: Michael Anenburg ([michael.anenburg@anu.edu.au](mailto:michael.anenburg@anu.edu.au))

**List of supplementary files**

1. “key.pdf” – colour wheel for REE used in this study.
2. “oneill.xlsx” – spreadsheet used to derive λ values and fits used in figure 7a.
3. “comparison.pdf” – plots used to derive boundary lines in figure 7b.
4. “lambda2ppm.R” – R function that uses λ values to generate REE in µg g-1, and a simple usage example.
5. “reepatterns.R” – R script used to generate all data and plots in this study.