

Experimental constraints on the sources of lithium-rich granites and pegmatites

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Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Tables S1 to S14, highlighting the analytical conditions, modal mineralogy of the starting materials and run products, major and trace element compositions of starting materials and run products, and mineral-melt partition coefficients.

File name: Supplementary Data 2

Description: Compiled database of sedimentary rocks, bauxites, metamorphic rocks, metabauxites, peraluminous granites, rare-metal granites and pegmatites, and rare-metal rhyolites, which was used to make Fig. 1b (see Supplementary Note for the sources of data).

File name: Supplementary Data 3

Description: Individual major and trace element analyses of minerals and glasses in the starting materials and run products, which were used to create the Figures and the Tables in this study.

File name: Supplementary Data 4

Description: Individual analyses of standards (NIST-610, NIST-612, BCR-2G, GSE-2G, GSD-2G) from LA-ICP-MS analyses to highlight the accuracy and precision of the results.