Caption

Fig. A-A1. Photomicrograph of biotite–hornblende porphyry granite(sample FSN21-01) under crossed-polarized light.

Fig. A-A2. Stacked cathodoluminescence (CL) images of zircon grains from sample FSN21-01. Red circles show the locations of U–Pb spot analyses. Analysis numbers correspond to the last two digits in the sample code in Table A-B3.

Fig. A-A3. Photomicrograph of biotite porphyry granite (sample FSN21-03a) under crossed-polarized light.

Fig. A-A4. Stacked CL images of zircon grains separated from sample FSN21-03a. Red circles show the locations of U–Pb spot analyses. Analysis numbers correspond to the last two digits in the sample code in Table A-B4.

Fig. A-A5. Stacked CL images of zircon grains separated from sample FSN21-03b. Red circles show the locations of U–Pb spot analyses. Analysis numbers correspond to the last two digits in the sample code in Table A-B5.

Fig. A-A6. Photomicrograph of biotite–hornblende granodiorite (sample FSN21-06) under plane-polarized light.

Fig. A-A7. Stacked CL images of zircon grains separated from sample FSN21-06. Red circles show the locations of U–Pb spot analyses. Analysis numbers correspond to the last two digits in the sample code in Table A-B6.

Fig. A-A8. Photomicrograph of hornblende–biotite granodiorite (sample FSN21-12) under plane-polarized light.

Fig. A-A9. Backscattered electron image of a polyphase felsic melt inclusion in a zircon grain (to the immediate lower right of spot 7 in Fig. A-A10) from sample FSN21-12.

Fig. A-A10. Stacked CL images of zircon grains separated from sample FSN21-12. Red circles show the locations of U–Pb spot analyses. Analysis numbers correspond to the last two digits in the sample code in Table A-B7.

Table A-B1. Analytical conditions used for zircon U–Pb dating.

Table A-B2. U–Pb isotopes and dates of the OD-3.

Table A-B3. U–Pb isotopes and dates of sample FSN21-01.

Table A-B4. U–Pb isotopes and dates of sample FSN21-03a.

Table A-B5. U–Pb isotopes and dates of sample FSN21-03b.

Table A-B6. U–Pb isotopes and dates of sample FSN21-06.

Table A-B7. U–Pb isotopes and dates of sample FSN21-12.