|  |  |  |
| --- | --- | --- |
| A rock with red lines  Description automatically generated | A close-up of a rock  Description automatically generated | A rock with lines drawn on it  Description automatically generated |
| (**A**) | (**B**) | (**C**) |

**Figure S1.** Photographs of a mineralized anorthosite ore block from the Kievey deposit. (**A**) Sample Ki-19-3ch that was cut along red lines into five pieces at right angles to the plane-parallel orientation of the plagioclase. The latter is indicated by blue line. (**B**, **C**) Photograph of a polished slab of mineralized anorthosite that was cut to produce the 30×45×150 mm sample Ki-19-3ch-III. Dashed blue lines in image (**C**) also indicate the direction of the plagioclase plane-parallel orientation.