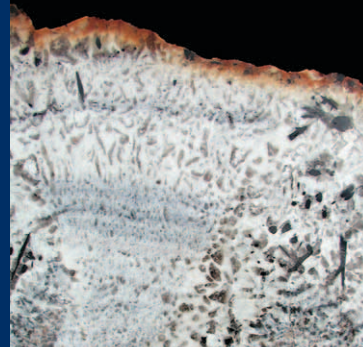


Elements

An International Magazine of Mineralogy, Geochemistry, and Petrology



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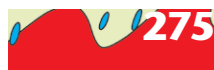
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ABOUT THE COVER: This rock section (24 × 23 cm) from Ramona, California (USA), illustrates the textural complexities of pegmatites.

A mushroom-shaped, Manebach-twinning pair of giant K-feldspar crystals (banded and white) grew upward in a graphic intergrowth with quartz (gray). The interstitial matrix consists of quartz, plagioclase (white), and tourmaline (blue-black). Bands of fine-grained (light blue) and coarse (blue-black) tourmaline transect the graphic feldspar-quartz intergrowth and the matrix.

These bands of tourmaline (also referred to as phantoms) denote the shape and location of the crystallization front as it advanced into the magma body from the lower (footwall) contact. PHOTO: DAVID LONDON

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