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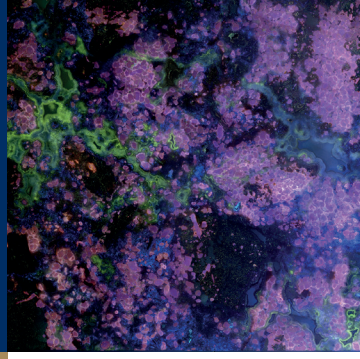

Cathodoluminescence of carbonatite. Image credit: Sam Broom-Fendley

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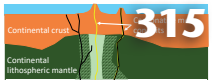
Carbonatites

Guest Editors: **Gregory M. Yaxley**, **Michael Anenburg**, and **Suzette Timmerman**

Carbonatites: Contrasting, Complex, and Controversial
Vadim S. Kamenetsky, Anna G. Doroshkevich, Holly A. L. Elliott, and Anatoly N. Zaitsev



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Gregory M. Yaxley, Bruce A. Kjarsgaard, and A. Lynton Jaques

Carbonatitic Melts and Their Role in Diamond Formation in the Deep Earth
Suzette Timmerman, Anna Spivak, and Adrian P. Jones

Formation of Rare Earth Deposits in Carbonatites
Michael Anenburg, Sam Broom-Fendley, and Wei Chen

The Distinctive Mineralogy of Carbonatites
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