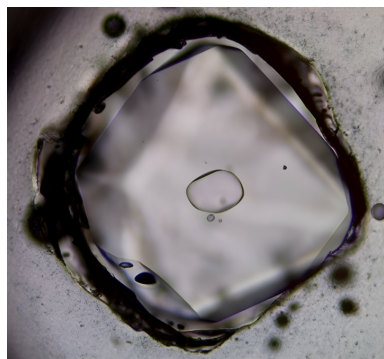


Dec 2023 || Vol. 6 || No. 2
ISSN: 2610-3540

On the cover



Laser focus

A ~100 micron diameter, quartz-hosted rhyolite melt inclusion from the 1314 CE Kaharoa eruption, from Mt. Tarawera, Ōkatakina Caldera, situated in the Taupō Volcanic Zone of New Zealand. Raman spectroscopy is often the volcanologist's tool of choice for analysing inclusions such as this one. In this issue, Charlotte DeVitre and colleagues show that when it comes to CO₂-rich olivine-hosted melt inclusion vapour bubbles, Raman spectroscopy results are strongly dependent on laser power and spectral resolution.

[Read more on page 201](#)

Image credit: Dr Hannah Elms, taken with a microscope camera. The image has been digitally altered. Cover design ©Volcanica [2023] Distributed under the terms of the [Creative Commons Attribution 4.0 International License](#)

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