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Florence Bégué^{1,3}*, Chad D. Deering², Darren M. Gravley³, Isabelle Chambefort⁴ and Ben M. Kennedy³

¹Institute of Earth Sciences, University of Lausanne, 1015 Lausanne, Switzerland. florence.begue@unil.ch

 ²Geological and Mining Engineering and Sciences, Michigan Technology University, 630 Dow Environmental Sciences, 1400 Townsend Drive, Houghton, MI 49931 USA. cddeerin@mtu.edu
³Department of Geological Sciences, University of Canterbury, PB 4800, Christchurch 8140, New Zealand. darren.gravley@canterbury.ac.nz; ben.kennedy@canterbury.ac.nz
⁴GNS Science, Wairakei Research Centre, PB 2000, Taupo 3352, New Zealand. i.chambefort@gns.cri.nz

*corresponding author

HIGHLIGHTS

- Contribution of B and Cl from the magmatic system to geothermal fluids in the TVZ
- Distinct array of bulk compositions for parent fluids in equilibrium with the melt
- New constraints on magmatic source for next generation geothermal models of the central TVZ
- Implications for the use of the Cl flux method to estimate the heat flow

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