*GIC Thermometer Uncertainty*

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| ***Mineral*** | ***Method*** | ***Reported Uncertainty*** |
| Plagioclase | Putirka (2008) eq. 23 | Model SEE (standard error estimate) ± 36 °C |
|  | MELTS model | - |
| Amphibole | Putirka (2016) | Precision ± 30 °C |
|  | Higgins et al. (2022) | Model SEE (standard error estimate) ± 40 °C  Spreadsheet: 10-69 °C |
| Clinopyroxene | Putirka (1996) | P indep: ± 27 °C (err. 40°C?)  P dep: err. 30 °C |
|  | Putirka (2003) | SEE ± 33 °C |
|  | Higgins et al. (2022) | Model SEE (standard error estimate) ± 57 °C  Spreadsheet: 35-96 °C |
| Orthopyroxene | Brey and Kohler (1990) | ± 19-26 °C (1 σ) |
| Titanite | Hayden et al. (2008) | Approximate ) ± 20 °C |
| Zircon | Ferry and Watson (2007) | Max. ± 60-70 °C at 750°C (activities);  uncertainty in the linear fit to the data alone is  ± 12-16 °C (2σ) |
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