

## What is a Kimberlite?

### Petrology and Mineralogy of Hypabyssal Kimberlites

[Mitchell et al. \(2019\) Elements 15: 381-386](#)

#### Sources of data presented in Figure 3c

##### Figure 3c, Data Sources

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- Giuliani, A., Soltys, A., Phillips, D., Kamenetsky, V.S., Maas, R., Goemann, K., Woodhead, J.D., Drysdale, R.N., Griffin, W.L., 2017. The final stages of kimberlite petrogenesis: Petrography, mineral chemistry, melt inclusions and Sr-C-O isotope geochemistry of the Bultfontein kimberlite (Kimberley, South Africa). *Chemical Geology* 455, 342-356.
- Howarth, G.H., Taylor, L.A., 2016. Multi-stage kimberlite evolution tracked in zoned olivine from the Benfontein sill, South Africa. *Lithos* 262, 384-397.
- Soltys, A., Giuliani, A., Phillips, D., 2018. Crystallisation sequence and magma evolution of the De Beers dyke (Kimberley, South Africa). *Mineralogy and Petrology* 112, 503-518.
- Soltys, A., Giuliani, A., Phillips, D., Kamenetsky, V.S. Kimberlite metasomatism and fluctuating olivine saturation revealed by the complex zonation of olivine from the Kimberley kimberlites (South Africa). *Journal of Petrology*, accepted pending revisions.