

## **Vanadium distribution in the Upper zone of the Bushveld Complex: Constraints on oxygen fugacity**

Lennart A. Fischer\*, Olivier Namur, Ingo Horn, Francois Holtz, and Bernard Charlier

Leibniz Universität Hannover, Hannover, Germany, \*e-mail, l.fischer@mineralogie.uni-hannover.de

V distribution, fractionation of magnetite and oxygen fugacity are closely linked to each other. Therefore, oxygen fugacity calculations for a continuous sample set, as provided in this study, can help to understand the influence of different parameters contributing to the ore-forming process, such as magma replenishment and fractionation.