

# Bushveld Lamprophyric Dyke Workshop



The lamprophyric (and kimberlite) dykes that cross-cut the Bushveld Complex may present a unique opportunity to understand the provenance of the magmas and metals that formed the Bushveld Complex itself. From a practical viewpoint, these lamprophyric dykes are major hazards to underground mining operations through a combination of falls of ground (by rapid 'rotting' of the dykes) and an apparent link to explosive gas outbursts.



*We invite any interested individuals to attend and/or present their experiences dealing with 'lamprophyric' dykes in a mining environment. This is a casual and open access workshop. We welcome discussion and talks on mine health and safety, and mitigation and remediation around gas outbursts and falls of ground. The workshop will have a flexible timetable to maximize networking and discussion time. Depending on interest, we may also display a range of 'lamprophyric' samples to aid recognition and reporting. The invitation is open to all within industry from any background - geologists, engineers and ventilation personnel alike. We hope that the workshop will be attended by personnel from a range of Bushveld-based mining companies, diamond mining companies, consultants and academics.*

**Wednesday 19th Oct 2016, 1000 - 1600 (+ post-workshop drinks tbc)**  
**School of Geosciences (room G101), University of the Witwatersrand**  
**Free to attend**  
*Talks and presentations welcomed*  
**RSVP: [hannah.hughes@wits.ac.za](mailto:hannah.hughes@wits.ac.za) (by Wednesday 5th Oct)**