DPMS Shortcourse

Layered intrusions: petrology, tectonic setting, and origin of phase layering and related ore deposits

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Day 1: Introduction, processes, and Bushveld Complex
1. Origin of Igneous Layering
2. The Skaergaard Intrusion: a well exposed classic study target
3. The Bushveld Complex: the world’s largest layered intrusion and ore deposit

Day 2: Examples of Layered Intrusions Globally
1. The Uitkomst Complex, South Africa
2. The Great Dyke, Zimbabwe
3. The Stillwater Complex, USA
4. The Kemi-Penikat intrusion, Finland
5. The Ioko Dovyren intrusion, Russia
6. Layered intrusions of the Giles event, Australia
7. The Stella layered intrusion, South Africa
8. Greenfields exploration in the Highbank Lake intrusion, Canada

21-22nd September 2015
9h-17h - room 001