

Appendix I

Doorgapershad, A., Barnett, M. and Twiggs, C. **2003** Procedures used to produce a digitized geological mapping database of the area round the Venetia Kimberlite pipes, Limpopo Belt, South Africa. *South African Journal of Geology*, **Vol 106**, pg 103-108

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Appendix II

Barton, J.M. Jr, Barnett, W.P., Barton, E.S., Barnett, M., Doorgapershad, A., Twiggs, C., Klemd, R., Martin, J., Mellonig, L. and Zenglein, R. **2003** The geology of the area surrounding the Venetia kimberlite pipes, Limpopo Belt, South Africa: A complex interplay of nappe tectonics and granitoid magmatism. *South African Journal of Geology*, **Vol 106**, pg 109-128

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Appendix III

Handsample and Thin section Descriptions of Farm Gotha and Venetia Mine samples.



Appendix IV

Geochemical analyses of Farm Gotha and Venetia Mine samples:

- Major and Trace Element Analyses
- Normative Mineral Compositions
- Trace Element Composition of Zircon grains.

