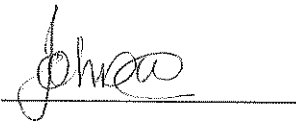


Declaration

I declare that the work presented in this thesis was carried out extensively by myself under the supervision of Professor Charles B. de Koning and Dr Amanda L. Rousseau. It is being submitted for the degree of Doctor of Philosophy in the University of the Witwatersrand, Johannesburg. It has not been submitted before for any degree or examination in any other University.

A handwritten signature in black ink, appearing to read 'Myron', is written over a horizontal line.

Myron Mario Johnson

15 May 2014