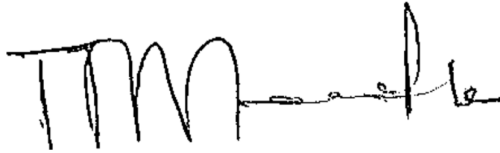


Candidate Declaration:

I declare that this dissertation is my own unaided work. It is being submitted to the Degree of Master of Science to the University of the Witwatersrand, Johannesburg. It has not been submitted before for any degree or examination to any other University.

A handwritten signature in black ink, appearing to be 'T.M. ...', written in a cursive style.

Candidate Signature

30th Day of July 2017