

**CHARACTERISATION OF THE
LOWERMOST MANGANESE ORE BED OF THE
HOTAZEL FORMATION, GLORIA MINE,
NORTHERN CAPE PROVINCE**

by

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DISSERTATION

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Declaration

I declare that this research work is my own, conducted under supervision of Prof. J. Gutzmer and Prof. N.J. Beukes. No part of this research has been submitted in the past, or is being submitted, for a degree at any other university.

