

**Palaeontological Impact Assessment  
for expansion of Lonmin's  
Eastern Platinum (EPL) and Western Platinum (WPL)  
mines.**

Desktop study

On behalf of

SRK Consulting (South Africa) (Pty) Ltd.  
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## **Recommendation**

As far as the Palaeontology aspect of the Heritage Resources Act is concerned, there is no threat to palaeontology and the proposed development may proceed. The surface is highly disturbed from previous urban and agricultural activities and current mining activities.

## **References**

Cawthorn, R.G., Eales, H.V., Walraven, F., Uken, R., Watkeys, M.K., 2006. The Bushveld complex. In: Johnson, M.R., Anhaeusser, C.R. and Thomas, R.J., (Eds). The Geology of South Africa. Geological Society of South Africa, Johannesburg / Council for Geoscience, Pretoria. pp 261-281.

### **The National Heritage Resources Act (Act 25 of 1999)**

According to the above-mentioned law the following are protected as cultural heritage resources:

- a. Archaeological artifacts, structures and sites older than 100 years
- b. Ethnographic art objects (e.g. prehistoric rock art) and ethnography
- c. Objects of decorative and visual arts
- d. Military objects, structures and sites older than 75 years
- e. Historical objects, structures and sites older than 60 years
- f. Proclaimed heritage sites
- g. Grave yards and graves older than 60 years
- h. Meteorites and fossils
- i. Objects, structures and sites of scientific or technological value.

MKB

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