

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Ragna Redelstorff, PhD

Tel: +27 (0)21 202 8651

Email: rredelstorff@sahra.org.za

CaseID: 21433

Date: Friday July 07, 2023

Page No: 1

Letter

In terms of Section 35(4) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Prof. Jennifer Botha

University of the Witwatersrand - Evolutionary Studies Institute

Evolutionary Studies Institute,

University of the Witwatersrand,

Johannesburg, 2050

The End-Permian Mass Extinction (EPME) is generally regarded as the largest mass extinction in Phanerozoic history. In marine strata the main extinction event is well-constrained, and has been radiometrically-dated to an interval of some 60 000 years, approximately 251.9 million years ago. However, the age and duration of the EPME on land, as well as its possible synchronicity with that of the marine realm, is debated. Here, we aim to further our research on dating the EPME in the South African basin.

Dear Prof J Botha,

Thank you for your permit application to collect sedimentological samples and fossils on the farms Nootgedacht 68, Geluksfontein 204, Droogefontein 176 and Bethel, near Bethulie, Free State Province.

SAHRA has reviewed your application and decided to approve it. The permit is valid until 31 July 2026.

We wish you every success with this project.

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Ragna Redelstorff, PhD

Tel: +27 (0)21 202 8651

Email: rredelstorff@sahra.org.za

CaseID: 21433

Date: Friday July 07, 2023

Page No: 2

Ragna Redelstorff, PhD
Heritage Officer
South African Heritage Resources Agency

Phillip Hine
Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/618058>

Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.