

aDNA of prehistoric cattle in southern Africa

Final Comment

**IN TERMS OF SECTION 35 OF THE NATIONAL HERITAGE RESOURCES ACT (ACT 25 OF 1999)
AND SECTION 40 OF THE KWAZULU-NATAL AMAFA AND RESEARCH INSTITUTE ACT (ACT 05
OF 2018)**

Attention: Michelle House
University of Cape Town - Archaeology

This application seeks permission to sample cattle teeth from the archaeological Zulu royal amakhanda, uMgungundlovu, and KwaBulawayo for ancient DNA analysis. These cattle derived from herds that belonged to local Zulu people who resided at the royal amakhanda. In the longer term, if we extract intact DNA from these historic sites, we may be able to extend this project into the deeper past, exploring the genetic relationships between cattle kept by different cultural groups and urban centres in deeper time of southern Africa.

The Heritage Officers Committee of KwaZulu-Natal AMAFA And Research Institute considered the application on the 27th of September 2021. The committee resolved that there is no objection to the destructive sampling and analysis and therefore a permit will be issued within the limits of the application.

The permit is also issued on condition that all the scientific findings of the research must be shared with the Amafa and Research Institute.

Failure to comply with the requirements of the National Heritage Resources Act and the KwaZulu-Natal Amafa and Research Institute Act could lead to legal action being instituted against the applicant.

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

Yours faithfully



John Pakwe
Archaeology Officer



HERITAGE IDENTIFICATION, MANAGEMENT & PROTECTION

Enquiries: John Pakwe

Email: john.pakwe@amafainstitute.org.za

Tel: 0333946543

Date: Wednesday October 27, 2021

CaseID: 17047

Our Ref: SAH21/17047

KwaZulu-Natal Amafa and Research Institute

Mxolisi Dlamuka
Head of Secretariat and Administration
KwaZulu-Natal Amafa and Research Institute

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/581507>

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 the Institute immediately.
3. The Institute reserves the right to request additional information as required.