

aDNA of prehistoric cattle in southern Africa

PermitID: **3381** REF: **SAH21/17047**

Issued under section 40 of the KwaZulu Natal Amafa and Research Institute Act (Act 05 of 2018) and section 35 of the National Heritage Resources Act (Act 25 of 1999)

Permit Holder: Michelle House

University of Cape Town - Archaeology

Approval is hereby given to **Michelle House of University of Cape Town - Archaeology** in accordance with the application received on **31/08/2021**, for **Analysis, Sampling, Dating** of the object/s: **UMG/KWAB-Cattle Tooth Specimen-BATCH**.

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

This permit is valid from **15/12/2021 to 15/12/2024 AND IS NOT TRANSFERABLE**.



John Pakwe
Heritage Officer
KwaZulu-Natal Amafa and Research Institute



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



HERITAGE IDENTIFICATION, MANAGEMENT & PROTECTION

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Date: Monday February 14, 2022

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Additional Info:

Please note that this permit may be suspended should an appeal against the decisions be received by the KwaZulu Natal Amafa and Research Institute within 14 days from the date of the permit. The KwaZulu Natal Amafa and Research Institute may not be held responsible for any costs or losses incurred in the event of the suspension or retraction of this permit.

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