Our Ref: 9899



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Enquiries: Ragna Redelstorff Tel: +27 (0)21 202 8651 Email: rredelstorff@sahra.org.za CaseID: 9899 Date: Monday August 08, 2016 Page No: 1

Letter

In terms of Section 32(19) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Justin Bradfield University of Johannesburg 26 Bosvier Street Brackendowns Alberton 1448

This application is for the destructive sampling of up to 10 bone points from the Mapungubwe collection, University of Pretoria. The tools are not part of the formally accessioned collection but are stored at the Mapungubwe Museum, UP. Our aim is to extract powder from these tools for the purpose of species identification through collagen isotope analysis. The specific specimens for analysis will be chosen in consultation with Sian Tiley-Nel, the museum curator. Only already fractured tools that are in good condition and will not spall when drilled will be chosen. Limpopo Province.

Dear Dr Bradfield,

Thank you for your application for sampling of bone tools from Mapungubwe at the University of the Witwatersrand, School of Dentistry, by drilling 10 mg powder from each bone. The objects are currently housed at University of Pretoria.

SAHRA has reviewed the application and has decided to approve it.

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

Ry Kal

ZoMS analysis on Manupgubwe bone tools

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an agency of the Department of Arts and Culture

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Ragna Redelstorff Heritage Officer South African Heritage Resources Agency

Phillip Hine Heritage Officer: Permitting South African Heritage Resources Agency

ADMIN: Direct URL to case: http://www.sahra.org.za/node/367655

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.