

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
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Email: rredelstorff@sahra.org.za
CaseID: 13331

Date: Friday February 15, 2019
Page No: 1

Letter

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

Attention: Dr Justin Pargeter
Emory University
Anthropology Department
Stony Brook University

This application seeks permitting to conduct ancient DNA analyses on carbonized dung remains from the late Holocene member DGL (~1.7 ka BP) at Boomplaas Cave. Advances in ancient DNA methodologies now allow sequencing of dung remains to determine the animal species and, preservation permitting, the plants consumed. Six small (~2g) dung samples were extracted from an exposed section of member DGL (following allowances set forth in Heritage Western Cape excavation permit issued to Justin Pargeter) for the purpose of ancient DNA analyses at Emory University in Atlanta, USA. Sub-samples will also be submitted for radiocarbon dating at the University of Georgia's Center for Applied Isotope Studies.

Dear Dr J. Pargeter,

Thank you for your application to permanently export six samples of the dung layer across Member DGL at Boomplaas Cave, Western Cape Province for DNA analysis at Emory University in Atlanta, USA, and the Molecular Anthropology Laboratories at Southern Methodist University, USA, as well as AMS radiocarbon dating at the Center for Applied Isotope Studies, University of Georgia, USA.

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

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Ragna Redelstorff
Heritage Officer
South African Heritage Resources Agency

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

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/519590>

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.