

Our Ref: 10056



an agency of the
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
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CaseID: 10056

Date: Tuesday June 13, 2017
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Letter

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

Attention: Dr Naomi Cleghorn
University of Texas Arlington
701 S. Nedderman Dr.
Arlington, TX 76019
USA

We would like to export seven charcoal samples and one fragment of marine shell for AMS dating analysis from excavations at KEH Cave 1 (KEH-1). The goal of this analysis is to develop a detailed radiocarbon chronology of KEH 1, with a particular focus on the dense occupation levels between 40 ka and 20 ka, as well as underlying strata (~44 to 46 ka). Dating of recently excavated stratigraphic units is essential to ongoing interpretation of stratigraphy and human behavior, and particularly for timing the shift in technology from Middle to Early Later Stone Age. The dating of the shell fragment is critical to determining the timing of a short period of high sea level during Marine Isotope Stage 3. There is no other known proxy data on the southern coast demonstrating the time of this sea level high-stand.

Dear Dr. Matthews and Dr. Cleghorn,

Thank you for your application to permanently export charcoal samples from Knysna Eastern Heads Cave 1 for radiocarbon dating at the Oxford Radiocarbon Accelerator Unit, University of Oxford and Beta Analytic, Inc, Miami, Florida. SAHRA has reviewed the application and has decided to approve it. The application will be split into two permits, each of which should accompany the samples during transport to each of the two facilities.

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

John Gribble
Manager: Maritime and Underwater Cultural Heritage Unit / Acting Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/368732>

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.