

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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Date: Tuesday July 17, 2018

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CaseID: 12599

Letter

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

Attention: Prof. Curtis W. Marean
Arizona State University
PO Box 872402
Tempe
AZ 85287-2402, USA

The reason for the application is to undertake continued single grain optically stimulated luminescence (OSL) dating of the archaeological samples from PP5-6. This will give an estimate of the age of deposition of the sediment grains contained within archaeological deposits and the dunes. OSL dating is undertaken on quartz grains extracted from the sediment – the sample preparation will require that a portion of the sample will be destroyed. All samples are sediment samples. The samples to be covered under this permit were extracted from Pinnacle Point Site 5-6 (PP5-6) during excavations in 2017 and 2016 and covered under permit 2492 Case Number 14021203TS0225M issued to Dr. C. Marean and Dr. T. Matthews. A final report was submitted and accepted for those excavations. We are now in the analysis phase of those excavations, and key part of that analysis phase is the establishment of a robust chronology. This permit application is to conduct OSL dating to help us reach that goal. Our project (SACP4 - South African Coast Paleoclimate, Paleoenvironment, Paleocology, Paleoanthropology Project) is a long term project involving a wide range of South African and international scientists. Our goal is to develop a high resolution and continuous record of change in climate and environment over the last 400,000 years, and use that to help us understand changing patterns of human adaptation and evolution over the time span of the origins of modern humans.

Dear Prof. C. W. Marean,

Thank you for your application to permanently export sedimentary samples from Pinnacle Point 5-6, Western Cape Province, for OSL analysis at the School of Environmental and Earth Sciences, University of Wollongong, Australia. SAHRA has reviewed the application and has decided to approve it.

We wish you every success with this project.

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

Yours faithfully

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/505503>

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.