



an agency of the  
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
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CaseID: 10594

Date: Tuesday October 10, 2017  
Page No: 1  
PermitID: 2616

## PERMIT: Export (Permanent), Analysis

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

Permit Holder: Dr James Brink  
Florisbad Quaternary Research Department

**Object:** EBC KM E6, DK1 M/J D3, DK1 MJA E5, BNK1 O29 7, BNK1 O29 5, BNK1 P29 19 QUI, BNK1 O25/2 5.2, BPA CL1 016/139 4.920, BPA BGM CL3 016/61 4.4890, BPA BRL7 Q15/51 3.5127, BPA LPM P13 6.419, NBC BSBI 4 D4, NBC RA 4 D9, NBC BSJ 68 B7, NBC BSJ 4, NBC CS 41 B?, NBC BSTL B114, NBC GBSL 24 G3, NBC YSL 17 G3, NBC BSBI 9 D9, NBC RA 9 B1, NBC RB 4 D3, NBC J 1 D5, NBC BSJ 80 B4, NBC CS 2 D5, NBC CS 52 D8, NBC BSTL 26 D3, NBC GBSL 43, NBC YSL 8 G8, NBC YGL 20 D5, NBC DS 18 1, SAM ZM 40759

**To:** Elisabeth Hempel, **To:** Faysal Bibi, **To:** Michael Hofreiter, **To:** John Tyler Faith

**For permanent export of samples of bone or cementum (250mg per bone/tooth) from *Hippotragus leucophaeus* and *H. equinus* from Nelson Bay Cave, Byneskranskop, Boomplaas Cave and Die Kelders Cave 1 (Western Cape Province) for DNA sequencing and carbon dating at the University of Potsdam, Germany. The material is currently housed at the Iziko Museums of South Africa.**

The permit is issued to James Brink (Florisbad Quaternary Research Department, National Museum Bloemfontein), in collaboration with Elisabeth Hempel (Institute for Biochemistry and Biology, Potsdam University, Germany), Faysal Bibi (Natural History Museum Berlin, Germany), Michael Hofreiter (University of Potsdam, Germany) and John Tyler Faith (University of Queensland, Brisbane, Australia).

Conditions:

1. Only the selected representatives of the material stored in the collection may be exported.
2. The material must be carefully packed and all packaging must be clearly marked with the name of the site (if known), and the name and address of the permit holder or the Iziko Museums of South Africa.
3. The material must be hand-carried or couriered by a reputable courier to Potsdam University, Germany.
4. James Brink and Elisabeth Hempel are responsible for the analysis of the material and its transport to and



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from the above mentioned institution.

5. The samples must be used for study purposes only, and may not be sold or exchanged.
6. The material may not be loaned to any person or institution other than the above stated participants in the study, without the consent of SAHRA.
7. Destructive analysis or sampling may be undertaken. Unused samples must be returned to Iziko Museums of South Africa by 20 April 2020.
8. Annual reports on the activities undertaken in terms of this permit must be lodged with SAHRA ([apmpermitreports@sahra.org.za](mailto:apmpermitreports@sahra.org.za)) before or on 30 April 2018 and 2019, and a final permit report before or on 30 April 2020.
9. Copies of any papers that may result from the export of the material must be lodged with SAHRA.
10. SAHRA shall not be liable for any losses, damages or injuries to persons or properties as a result of any activities in connection with this permit.
11. SAHRA reserves the right to cancel this permit by notice to the permit holder.
12. Request to renew permits must be done at least two months prior to the expiry of the existing permit.

This permit is valid from  
**02/10/2017 to 30/04/2020**

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Ragna Redelstorff  
Heritage Officer  
South African Heritage Resources Agency

**Genomic insights into the historic extinction of the blue antelope (*Hippotragus leucophaeus*) and the roan antelope (*Hippotragus equinus*) from the Western Cape Republic of South Africa**



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

**Additional Info:**

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

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**ADMIN:** Direct URL to case: <http://www.sahra.org.za/node/385197>