



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  
[www.sahra.org.za](http://www.sahra.org.za)

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CaseID: 14684

Date: Wednesday January 22, 2020  
Page No: 1

PermitID: 3064

## PERMIT: Analysis

### In terms of Section 35(4) of the National Heritage Resources Act (Act 25 of 1999)

Permit Holder: Prof. Anusuya Chinsamy-Turan  
University of Cape Town  
Dept. of Biological Sciences  
University Avenue, John Day Building, Rondebosch, 7700

**Object:** PQ-L-14145, PQ-L-45177, PQ-L-21562, PQ-L-22523a, PQ-L-5401, PQ-L-14228, PQ-L- 7263, PQ-L-9844, PQ-L-14226, PQ-L-1778, PQ-L-4735, PQ-L-7408, PQ-L-7260, PQ-L-1274, PQ-L-1252, PQ-L-1266, PQ-L-20866, PQ-L-20859, PQ-L-9270, PQ-L-70149

### Conditions:

This permit is issued to Professor Anusuya Chinsamy-Turan (University of Cape Town) for invasive sampling of eleven (11) long bones of the giraffid *Sivatherium hendeyi* and nine (9) long bones of the giraffid *Giraffa jumae*, from the Pliocene locality, Langebaanweg, within the West Coast Fossil Park National Heritage Site for osteohistological analysis. The material is currently housed at Iziko Museums of South Africa in Cape Town. It is noted that only incomplete/fragmentary bones were selected, and fractures/breaks already present in the bones will be made use of. This permit is an amendment of permit ID 3056 to include the revised accessioning numbers PQL-21562, PQL-1252 and PQL-9270.

### Conditions:

1. As the sampling will reduce the structural integrity, suitable records (measurements and photographs) must be taken prior to sampling.
2. No paratype material may be sampled.
3. Sampling and analysis will take place at the University of Cape Town.
4. A permit report on the activities undertaken in terms of this permit must be emailed to [apmpermitreports@sahra.org.za](mailto:apmpermitreports@sahra.org.za) before 31 January 2021 using the template in the following link:



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<https://sahris.sahra.org.za/content/apmpermitreports>. SAHRA reserves the right to withhold further permits if progress is not deemed satisfactory. Permit reports can be made available to researchers on request within three years of the lapsing of this permit.

5. Copies of all the published papers and/or reports resulting from this work must be lodged with the heritage authority.
6. SAHRA shall not be liable for any losses, damages or injuries by or to persons or properties as a result of any activities in connection with this permit.
7. SAHRA reserves the right to cancel this permit by notice to the permit holder.
8. This permit is subject to a general appeal and 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.
9. Request to renew permits must be done at least two months prior to the expiry of the existing permit.

This permit is valid from  
**22/01/2020 to 31/01/2021**

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Ragna Redelstorff  
Heritage Officer  
South African Heritage Resources Agency

# Histology of giraffids from Langebaanweg

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## 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.

**ADMIN:** Direct URL to case: <http://www.sahra.org.za/node/532332>