Scanning specimen in order to study teeth microstructure.

Our Ref: 7864

Enquiries: Ragna Redelstorff Tel: +27 (0)21 462 8651

Email: rredelstorff@sahra.org.za

CaseID: 7864

Date: Monday June 15, 2015

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PERMIT: Export (Temporary)

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

<u>Permit Holder:</u> Dr H Robertson Iziko: South African Museum

Object: Microgomphodon skull, Diictodon skull **To:** Fernando Abdala, **To:** Bruce Rubidge

For temporary export of the following 2 objects: SAM-PK-K10160 *Microgomphodon* skull; SAM-PK-K11193 *Diictodon* partial skull

This permit refers to cranial material of *Microgomphodon* from Lemoenfontein 44, Middle Triassic of the Burgersdorp Formation in the Karoo Basin, and of *Diictodon* from the Late Permian of the Oukloof Formation. The *Microgomphodon* material has a full set of upper and lower teeth, and is therefore considered useful for scanning for the study of the teeth microstructure in burrowing cynodonts. Both fossils are housed in the Iziko Museums of South Africa.

The permit is issued to Hamish G. Robertson, Director Natural History Collections, Iziko Museums of South Africa, in collaboration with Dr. Fernando Abdala (Evolutionary Studies Institute, University of the Witwatersrand), Dr. Vincent Fernandez (ESRF - The European Synchrotron, Grenoble, France) and Dr. Bruce Rubidge (Evolutionary Studies Institute, University of the Witwatersrand) to export 2 objects (fossil skulls, one of them partial) for scanning of the teeth at the Synchrotron facility in Grenoble, France.

Conditions:

- 1. Only the selected a representative of the material stored in the collection may be exported. The bulk of the material remains in the collection of the Iziko Museums of South Africa.
- 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 by Drs. Fernando Abdala or Bruce Rubidge.
- 4. Dr. Fernando Abdala is responsible for the analysis of the material and its transport to and from the above mentioned institutions/collections.
- 5. Dr. Fernando Abdala is responsible for the cost of the return of the specimens.



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- 6. The samples must be kept for study purposes only, and may not be sold or exchanged.
- 7. 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.
- 8. No destructive analysis or sampling may be undertaken.
- 9. A report on the activities undertaken in terms of this permit must be lodged with SAHRA before 30 June 2016.
- 10. Copies of any papers that may result from the export of the material must be lodged with SAHRA.
- 11. 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.
- 12. SAHRA reserves the right to cancel this permit by notice to the permit holder.
- 13. The material must be returned by the date the permit expires.

This permit is valid from 15/06/2015 to 30/06/2016.

Ragna Redelstorff Heritage Officer

South African Heritage Resources Agency

Colette Scheermeyer

SAHRA Head Archaeologist

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



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an agency of the Department of Arts and Culture

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.

