Synchrotron scanning of a possile Triassic gorgonopsian

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, PhD

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CaseID: 17640

Date: Tuesday December 21, 2021

Page No: 1

Letter

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

Attention: Dr Julien Benoit

University of the Witwatersrand

Evolutionary Studies Institute (ESI); School of Geosciences, University of the Witwatersrand,

Braamfontein, 2050, Johannesburg, South Africa

This project is related to case 17580. It is an application for specimen NMQR 389 of Cynosaurus sp to be exported along with other specimens of putative Triassic gorgonopsians to be CT scanned at the European Synchrotron Radiation Facility. The specimen will be hand-carried by the applicant on the 15 January 2022 and will be brought back on the 15 January 2023. Synchrotron scanning is warranted as local CT facilities did not produce satisfying contrast on this relatively large specimen. A higher energy beam is required to achieve good contrast and sufficient resolution.

Dear Dr Julien Benoit,

Thank you for your application to temporarily export one gorgonopsian fossil specimen from the Karoo for synchrotron scanning at the European Synchrotron and Radiation Facility (ESRF), Grenoble, France.

SAHRA has reviewed the application and has decided to approve it.

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, PhD Heritage Officer South African Heritage Resources Agency Page No: 2

Date: Tuesday December 21, 2021

Phillip Hine

Manager: Archaeology, Palaeontology and Meteorites Unit

South African Heritage Resources Agency

ADMIN:

Direct URL to case: https://sahris.sahra.org.za/node/589745

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.