



SOUTH AFRICAN HERITAGE RESOURCES AGENCY
111 HARRINGTON STREET, CAPE TOWN 8001
PO BOX 4637, CAPE TOWN, 8000
TEL: 021 462 4502 FAX: 021 462 4509

FOR OFFICIAL USE ONLY:	
File No.:
Date received:
Date approved:
Applicant:
Site / Object:
Permit No.:

**APPLICATION FOR PERMIT:
HERITAGE OBJECTS**

(including export of archaeological and palaeontological material and meteorites)

Please note: Permit Applications expire one year after the date of receipt

In terms of the National Heritage Resources Act of 1999 (Act No.25 of 1999), this application form must be completed by anyone applying for a permit to:

- (a) destroy, damage, disfigure or alter a heritage object or disperse a collection of heritage objects; or
- (b) carry out any work of restoration or repair of a heritage object; or
- (c) export a heritage object listed in the register of heritage objects held by SAHRA; or
- (d) export a type of heritage object as listed in the register of heritage objects and provisionally declared in the Government Gazette; or
- (e) trade in or sell for private gain:
 - (i) any category of wreck material or object; or
 - (ii) any other category of archaeological or palaeontological material or object; or
 - (iii) any meteorite.

Applicants are advised that without full details no permit may be issued.

A. APPLICANT'S DETAILS

1. Name and address of applicant* : Dr Bernhard ZIPFEL (on behalf of Prof. B.S. Rubidge, Director), Bernard Price Institute for Palaeontological Research, Pvt Bag 3, WITS 2050
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**In the case of items accessioned in a museum collection, if the applicant is not the curator/scientific research office in the related field, written approval must be obtained from the institution*

Phone: (H) 011 995 3394 (W) 011 717 6683 (C) 083 779 3394
Fax: 011 717 6694 E-mail: Bernhard.Zipfel@wits.ac.za
Identity number of applicant (or passport): 6403235167087

2. Capacity of applicant. *Please circle the appropriate position :*

- Museum curator
- Archaeologist / Palaeontologist / Geologist
- Owner
- Agent for sale or auction
- Other*

** Please furnish extra relevant details on a separate sheet of paper (if new applicant)*

3. Name and address of owner/custodian:

BPI Palaeontology, University of the Witwatersrand, PVT. Bag 3, WITS 2050
Phone: (H) 011 955 3394 (W) 011 717 6683 (C) 083 779 3394
Fax: 011 717 6694 E-mail: Bernhard.Zipfel@wits.ac.za
Identity number of applicant: 6403235167087

B. DETAILS OF HERITAGE OBJECT(S)

4. Description and number of objects*:

DNH39 Hominin second molar

DNH 60a Hominin second molar

DNH 60b Hominin second molar

DNH 62 Hominin first incisor

DNH 67 Hominin first incisor

DNH 70 Hominin first incisor

DNH 71 Hominin first incisor

STW 151 Upper and Lower First Incisor, Second Incisor L and R, Canine Upper and Lower L, Lower R, Upper Third Premolar L and R and Lower L, Fourth Premolar Upper and Lower R and Lower L, First Molar Upper and Lower L and R, Second Molar Upper and Lower L and Upper R, D Canine Upper and Lower L and Upper R, D First Molar Upper and Lower L and R, D Second Molar Upper and Lower L and R

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** Please supply full description & motivation on a separate sheet of paper. For archaeological and palaeontological materials please include comment from the scientific officer in the related field and details of the project and project manager*

5. Era / period / age / date of object(s) : Plio-Pleistocene

6. Museum or University accession number: DNH 35, 44, 47, 83, 84; STW 151.....

7. Museum or University loan number : 348.....

8. For palaeontological and archaeological materials and meteorites give geographical situation of site / object:

Province: Gauteng

Magisterial district: Krugersdorp I: 50 000 Map no. & name (or SAN chart):

Latitude & Longitude: Recording method (GPS, Trig., Other) :

Farm Name and No.: Drimolen / Town : Krugersdorp

Nearest Town: Krugersdorp / Street address & Erf #:

9. If it is a listed type or declared heritage object, the number and date of the notice in the Government Gazette:

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10. If it is a listed type or declared heritage object, the number of the object or type of object in the register of heritage objects:

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11. Present location of object(s): Bernard Price Institute for Palaeontological Research, University of the Witwatersrand, Johannesburg

12. Please supply a photograph or drawing of object(s) destined for permanent export with a suitable scale.

C. DETAILS FOR APPLICATION TO EXPORT

13. Name and address of person/institution to whom it is being exported :

Dr Tanya Smith Harvard University, Department of Anthropology, 11 Divinity Avenue, Cambridge, MA 02138, USA. Material to travel to Grenoble, France with Dr Smith.

Phone: (H) (W) +1 617 640 2416. (C)

Fax: E-mail: tsmith@eva.mpg.de

14. Please indicate whether for permanent or temporary export and reasons for export:

Temporary Export: For: Identification Analysis Dating Restoration Exhibition² Sale Other¹

Permanent Export: For: Identification Analysis Dating Restoration Exhibition Sale Other¹

¹Please circle relevant words and supply full description on a separate sheet of paper.

²In the case of significant heritage objects travelling overseas for exhibition please supply copy of loan agreement

15. Please supply documentation indicating the present condition of the object. (See "Supplementary Information" attached)

16. Please supply written undertaking of South African cultural institution that the object will be returned in the same condition. (See "Supplementary Information" attached)

17. In the case of temporary export, for what period will the object be exported?:

From: 15 October 2008 To: 31 March 2009

D. DETAILS FOR APPLICATION TO DESTROY, DAMAGE, DISFIGURE, ALTER OR DISPERSE

18. Reason for application (Please supply full motivation):

19. Name and address of person who will do the work :

20. Destination of objects to be dispersed:

21. For what period will the permit be required?:

From: To:

E. DETAILS FOR APPLICATION TO TRADE IN OR SELL FOR PRIVATE GAIN

22. Reason for application (Please supply full motivation on separate sheet):

23. Address from which items will be sold or traded:

24. Destination of items to be traded or sold :

25. For what period will the permit be required?:

From: To:

I, **Bernhard ZIPFEL**, undertake strictly to observe the terms, conditions, restrictions, regulations and guidelines, under which the Council may issue the permit to me.



Signature:

(Applicant)

Place: Johannesburg

(Signature of applicant. Note: if neither the applicant nor the Institution qualifies as the owner then a letter of approval from the owner must be included in the documentation)

Date: 18 September 2008

Where the object(s) reside in a public institution:

I, Head of

(South African institution/ responsible department, where the applicant is based)

hereby state that I support the application.

Signature:

Date:

SUPPLEMENTARY INFORMATION TO SUPPORT EXPORT PERMIT APPLICATION

1. Motivation for application (refer Section B.4):

The aim of this experiment is to use the imaging possibilities of the id19 beamline of the ESRF to study the dental microstructure and development of the important infant and juvenile undescribed specimens of both early *Homo* and *Paranthropus* from Drimolen comparing this with teeth from a Sterkfontein juvenile. These specimens include mandibular and maxillary specimens for both species.

2. Reasons for Export (refer Section C.14):

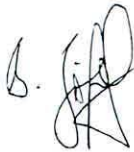
X-ray synchrotron imaging techniques is an ideal tool for studying fossil hominids. Studies on the dental development of species in our family tree would not be possible by other techniques. This technology is currently unavailable in South Africa.

3. Notes on Present condition of Object (refer Section C.15):

All the specimens for temporary export are fragmentary

4. Undertaking by South African cultural institution (refer Section C.16):

The Bernard Price Institute for Palaeontological Research undertakes to take all possible steps to ensure that the specimen/s covered by this application will be returned to South Africa in no worse condition than when initially exported, and that the other terms and conditions of the permit will be complied with.

A handwritten signature in black ink, appearing to be 'B. J. A.', located below the text of section 4.

18 September 2008