



SOUTH AFRICAN HERITAGE RESOURCES AGENCY
 111 HARRINGTON STREET, CAPETOWN. 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: BURIAL GROUNDS AND GRAVES

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

In terms of Section 36 (3) of the National Heritage Resources Act, 1999 (Act No. 25 of 1999) no person may, without a permit issued by the relevant heritage resources authority:

- (a) destroy, damage, alter, exhume or remove from its original position or otherwise disturb the grave of a victim of conflict, or any burial ground or part thereof which contains such graves;*
- (b) destroy, damage, alter, exhume or remove from its original position or otherwise disturb any grave or burial ground older than 60 years which is situated outside a formal cemetery administered by a local authority; or*
- (c) bring onto or use at a burial ground or grave referred to in paragraph (a) or (b) any excavation equipment, or any equipment which assists in the detection or recovery of metals.*

Other application forms are available for archaeological and palaeontological material and sites (302), for shipwrecks (303), for the export or sale of heritage objects including archaeological and palaeontological material, material from shipwrecks and meteorites (304), for the built environment and landscape (307) or the registration of private collections (402).

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

A. DETAILS OF APPLICANT AND OTHER RELEVANT PEOPLE

1. Name and address of archaeologist or person who is to be responsible for the action(s):

Polke Birkholtz
 PGS Heritage
 PO Box 32542
 Totiusdal 0134

Tel: (012) 332 5305
Fax: 086 675 8077
Cell: 082 717 6661
E-mail: polke@pgsheritage.co.za

Identity number: 7502095088082

in association with (acting as Principal Investigator)

Wouter Fourie
 PGS Heritage
 PO Box 32542, Totiusdal 0134

Tel: (012) 332 5305
Fax: 086 675 8077
Cell: 082 851 357
E-mail: wouter@pgsheritage

Identity number: 7404305191089

2. Qualifications and relevant experience:

Refer Addendum A for abbreviated *curriculum vitae*.

3. Name & address of a person who can serve as a reference:

Mr WC Nienaber
 Forensic Anthropology Research Centre
 Department of Anatomy, School of Medicine University of Pretoria
 Tel: 012 319 2244

4. Name and address of owner of the land:

Mr. Pravin Chetty
 General Manager, Impunzi Complex
 Glencore Operations South Africa (Pty) Ltd

Phone: (H) N/A (W) 013 687 8344 (C) N/A **Fax:** **E-mail:** N/A **Identity number:** N/A

Impunzi Opencast Operation is the registered land owner of the farm Steenkoolspruit 18 IS. Impunzi Opencast is a wholly owned subsidiary of Glencore Operations South Africa (Pty) Ltd ("Glencore") group of companies (previously known as Xstrata South Africa). PGS Heritage was commissioned by Glencore to affect the exhumation and relocation of this grave.

Refer Addendum B for a copy of the Landowner's Letter of Consent.

5. Name & address of planning authority (where relevant): Not applicable

Phone: (H) (W) (C) **Fax:** **E-mail:**

6. Have arrangements been made to cover the cost of the action(s) (Please circle as appropriate-):

YES NO

7. Name and address of the South African scientific institution (if applicable) that will curate the material recovered if it cannot be re-interred: Not applicable**B. DETAILS OF GRAVE OR BURIAL GROUND****8. Name(s) of place:**

The general area where this grave is located is referred to by local residents as Du Toit's farm. The grave is located roughly 200m from the farmstead that the Du Toit family built shortly after the Boer War. The grave is located on the farm Steenkoolspruit 18IS, which is part of the property of the Atcom Mine, Mpumalanga.

9. Is the grave/ burial ground that of - Victim(s) of Conflict? *(Please circle as appropriate)*
and/or - older than 60 years?
and/or has the grave been - found accidentally during the course of development?

10. Brief description: (also refer Addendum C for the Grave Register)

The grave is located on Portion 7 of the farm Steenkoolspruit 18 IS, Atcom Mine, Mpumalanga. The grave comprises a small rectangular structure with granite sides. However, no headstone was observed. The grave was discovered during construction activities for a haul road. The decision was made to stop all construction activities in that area to allow for a full grave relocation process to be undertaken.

11. Evidence for date of grave(s):

The grave itself does not contain any information which can be used to provide a date for it. As is mentioned in more detail below, a member of the Du Toit family, who used to reside in the nearby farmhouse, was located during the social consultation process. Ms. Bessie du Toit indicated that as long as she can remember the grave had always been there. As she is 77 years old, the grave likely dates to before 1932.

NB: The Poppy Coetzee grave is one of three single graves located on the property, which are to be relocated. However, the other two graves are both less than sixty years old; next of kin have identified and dated both graves.

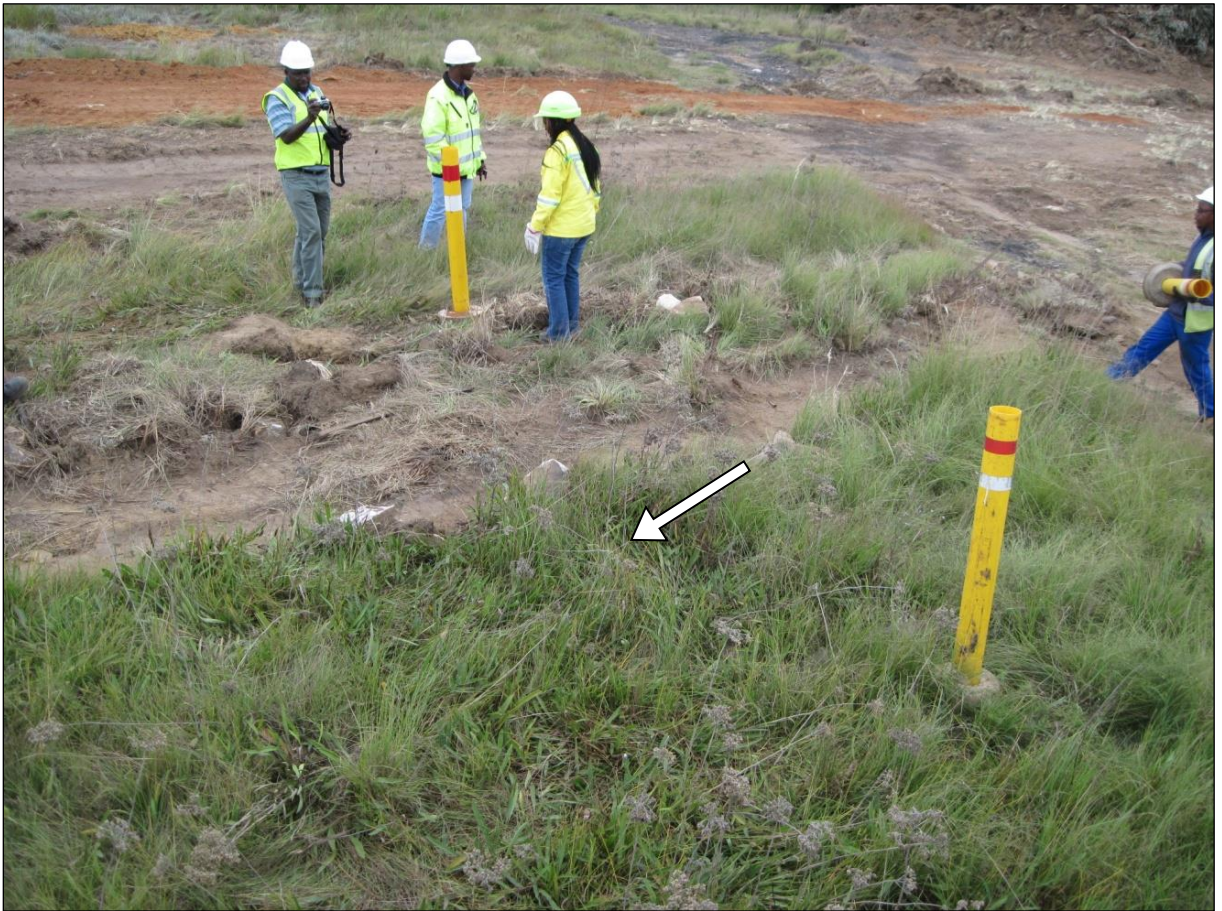


Figure 1 General view of the grave of Poppie Coetzee. The position of the grave is shown.

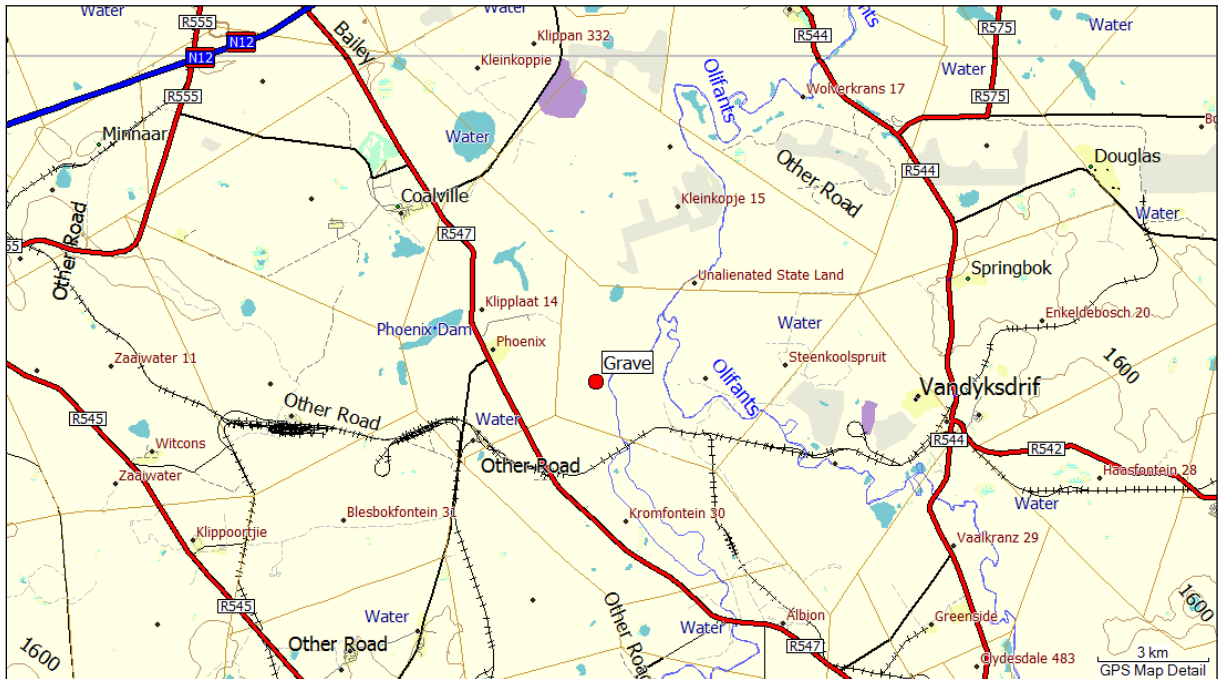


Figure 2 MapSource image showing the position of the grave.



Figure 3 Google Earth image showing the position of the grave.

12. Geographical Situation of Site or Object (Please mark general location of grave(s) on a photostat of a 1:50 000 map (NB))

Refer Figures 1 and 2 for Locality Map.

Province: Mpumalanga

Magisterial district: Emalahleni / Witbank

Latitude & Longitude: S26° 04' 44.7" E29° 13' 54.0"

Farm Name and No.: Steenkoolspruit 18 IS

1: 50 000 Map number: 2629AA

Recording method (GPS, Trig., Other): GPS

Nearest Town: Kriel

13. If it is a national or provincial heritage site / object, the number and date of the notice in the *Government Gazette*:

Not applicable

C. REASON FOR APPLICATION

14. Purpose of and reasons for application:

The grave was discovered during construction of a haul road and is located within the footprint of the mining activities of Glencore at the Impunzi/Atcom mine. The decision was made to halt all construction activities until such time that a full grave relocation process had been undertaken, including a social consultation process. **Please note:** PGS Heritage applied for and obtained a rescue exhumation permit in 2011/12. However, the grave was not exhumed at that time, for various reasons, including the changing of mining plans (see attached cover letter).

15. Period for which permit is required (Permits are not normally issued for periods longer than three years):

From: as soon as possible

To: March 2016

16. Nature of activity. Please circle the appropriate activities below**Destruction or Damage*****Exhumation and re-interment*****Excavation*****Other***

*: Refer C.14. above.

Alteration* (e.g. Restoration)**Removal from original site*****Bring into use a metal detector or other equipment******D. PREREQUISITES FOR PERMIT****17. Please indicate what arrangements have been made for the exhumation and re-interment of the contents of the grave(s)(provide documentation and details):**

No family for the deceased was identified. The place of reburial for the grave will be at the Kriel Municipal Cemetery, which is the closest municipal cemetery. The cemetery is administrated by the Emalahleni Municipality.

PGS Heritage has communicated with both the Emalahleni Local Municipality and the Station Commander of the South African Police Services of Emalahleni, Col. Oosthuizen, regarding the proposed relocation of this grave. We have received letters of no objection from both the Emalahleni Local Municipality and SAPS Emalahleni office. PGS Heritage is also in the process of applying for a relocation permit from the Mpumalanga Health department.

18. Please give details of consultation with communities and individuals who by tradition have an interest in the grave(s), and of the agreement reached with such communities and individuals (as required by Act 36 and the relevant Regulations Chps IX and XI) (provide documentation and details):

We have conducted an intensive process of social consultation in order to identify the unknown buried individual and to obtain permission for exhumation and re-interment from the affected family, communities and other *bona fide* interested and affected parties.

Bilingual (English and isiZulu) site notices were erected at the grave site on Tuesday, 12 April 2011 (refer Addendum D for photographs of the site notices erected on site and Addendum E for copies of the site notices). Bilingual (English and isiZulu) newspaper notices were published in the Daily Sun (Thursday, 21 July 2011) and the Witbank News (Thursday, 28 July 2011).

The strategy in the actual social consultation was to locate a member of the Du Toit family who used to reside in a farmhouse located a short distance from the grave. On Thursday, 6 October 2011, Ms. Bessie du Toit was located at her home in eMalahleni. She indicated that her mother used to tell her that a young girl by the name of Poppie Coetzee, who drowned in the Steenkoolspruit, lies buried in the grave. Ms. Du Toit did not have any information on the exact age of the grave but indicated that as long as she can remember it has always been there.

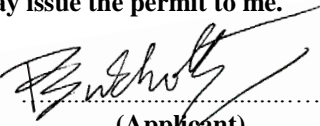
As Ms. Du Toit is 77 years old, it seems likely that the grave dates from the period before 1932 and as a result is certainly older than 60 years. Ms. Du Toit also indicated that she did not have any information on the deceased individual. No family for the buried individual could be located as a result. The social consultation process will continue until the project has been completed.

To clarify matters we have allocated the affected grave to the following categories:

Graves older than 100 years (Section 35 of Act 25 of 1999):	None
Graves older than 60 years (Section 36 of Act 25 of 1999):	1
Graves of victims of conflict (Section 36 of Act 25 of 1999):	None
Graves of individuals of royal decent (Section 36 of Act 25 of 1999):	None
Graves younger than 60 years that are located outside a registered cemetery (Ordinance 7 of 1925, Section 36 of Act 25 of 1999, Ordinance 12 of 1980):	None
Graves identified by the next of kin but of which the date of death is presently unknown	None
Presently unknown graves/possible graves(Section 36 of Act 25 of 1999):	None
Total	1

I, Polke Birkholtz

Undertake strictly to observe the terms, conditions, restrictions, regulations, and guidelines under which the Council may issue the permit to me.

Signature: 
(Applicant)

Place: Pretoria
Date: 20 February 2015

I, (Refer Addendum B for landowner's letter of consent)
hereby give permission for the above actions to be undertaken.

Signature:
(Landowner)

Place:
Date:

I Not applicable **Head of**
(institution) hereby undertake to store in our institution the relevant material and records.

Signature:
(Head of Institution)

Date:

From May 2006, certain permit applications submitted to the South African Heritage Resources Authority, SAHRA, in terms of the National Heritage Resources Act (Act No 25 of 1999) must be accompanied by payment of the appropriate fee (PTO).

Permit Applications made on **SAHRA APM Permit Form No 305** will carry the following fees:

1. Permits issued by SAHRA Archaeology, Palaeontology & Meteorite Unit (APM) Unit for burials	Fee	*Application Code
i. Application fee for burials disturbed or relocated in terms of s.36 in consequence of development;	R250 unless SAHRA directs otherwise	*AP305BUR
ii. Application fee for accidentally discovered burials disturbed or relocated in terms of s.36;	Exemption	*AP305BAE
2. Permits issued for Victims of Conflict in terms of s.36;	Exemption	*AP305EXE

Kindly ensure that you supply the Application Code (see table above*) followed by the surname of the permit applicant, in the reference section of the bank deposit slip.

For example, AP305BUR MGUNI would be entered in the reference section of the bank form for an application for restoration or relocation of a grave from an applicant with the surname Mguni.

Charges may be waived, at the discretion of SAHRA Chief Executive Officer, for certain permit applications. It should be NOTED that SAHRA may, in terms of section 3 of the SAHRA permitting regulations, require that a financial deposit be lodged with SAHRA to safeguard a heritage resource until satisfactory completion of the action for which the permit is required.

PAYMENT may be made by depositing the relevant amount into the SAHRA bank account and faxing or producing the proof of payment (i.e., stamped deposit slip, internet banking confirmation, etc.), OR through Internet Banking and emailing or faxing proof of payment, OR by cheque, on application.

PLEASE TAKE NOTE THAT APPLICATIONS NOT ACCOMPANIED BY A PAYMENT OR PROOF OF PAYMENT MAY NOT BE PROCESSED UNLESS EXEMPTED ABOVE OR BY SAHRA.

SAHRA BANKING DETAILS:

South African Heritage Resources Agency

ABSA Bank, Adderley Street; Cape Town

Bank Code: 63 2005; Account Number: 40-6416-0070.

Should you have any queries please contact the appropriate unit via: SAHRA, PO Box 4637, Cape Town 8000; or by email at info@sahra.org.za; or Tel: 021 462 4502; Fax: 021 462 4509.

CURRICULUM VITAE (Abridged)**POLKE DOUSSY BIRKHOLTZ****ACADEMIC QUALIFICATIONS**

Name of University or Institution : University of Pretoria
Degree obtained : BA (Cum Laude)
Major subjects : Archaeology, History & Anthropology
Year : 1996

Name of University or Institution : University of Pretoria
Degree obtained : BA [Hons] (Cum Laude)
Major subjects : Archaeology
Year : 1997

POSITIONS HELD

- 2008 – current : Director - Professional Grave Solutions Botswana (Pty) Ltd
- 2003 – current : Director – Professional Grave Solutions (Pty) Ltd
- 2000 – 2010 : Member – Archaeology Africa cc
- 1997 – 2000 : Member – Archaeo-Info cc

PROFESSIONAL AFFILIATIONS

Professional Archaeologist - Association of Southern African Professional Archaeologists - Professional Member Reg. No. 014

ASAPA CRM Accreditation:

- Field Director - Iron Age
- Field Director - Grave Relocation

COUNTRIES OF WORK EXPERIENCE:

- South Africa
- Botswana
- Swaziland

KEY QUALIFICATIONS

Management of Grave Relocation Process, Social consultation on grave relocation projects, Archaeological mitigation and excavations, Cultural Resource Management and Heritage Impact Assessment Management, Historical and Archival Research, Archaeology, Anthropology, Applicable survey methods, Fieldwork and project management.

CONFERENCE PAPERS AND PUBLICATIONS

2011 – *POSTER* – H.S. Steyn, W. Fourie and M. Hutten. Kappa Omega Transmission Line: Findings from an Archaeological Walk Down. *Association of Southern African Professional Archaeologists – Conference, Swaziland*

EXPERIENCE

GRAVE RELOCATIONS

1. iMpunzi Division of Duiker Mining, Witbank, Relocation of 950 graves. **Field Supervisor under WC Nienaber as PI**
2. V3, Brakfontein, Centurion, Pretoria. Reconnaissance excavation of one possible grave. **Project Manager and Field Supervisor with WC Nienaber as PI.**
3. University of Pretoria, Nandoni Dam Grave Relocation Project, Thohoyandou, Limpopo Province. Relocation of approximately 1,000 graves. **Field Supervisor under WC Nienaber as PI.**
4. Tselentis Colliery, Duiker Mining. Relocation of 80 graves. **Field Supervisor with WC Nienaber as PI**
5. Tselentis Colliery, Expansion of mining activities. Relocation of 15 graves. **Field Supervisor with WC Nienaber as PI.**
6. Abland, Proposed development of Portion 41 of the farm Wonderboom 302-JR. Relocation of 17 graves. **Project Manager and Field Director with WC Nienaber as PI**
7. TCTA, VRESAP Development. Relocation of 56 graves. **Field Director with WC Nienaber as PI.**
8. Biscuit Trading, Proposed Development of Portion 97 of the farm Knopjeslaagte 385-JR. Relocation of 5 graves. **Field Director with WC Nienaber as PI**
9. The Outpost Estate, Bela-Bela, Limpopo Province. Relocation of 78 graves. **Field Director with WC Nienaber as PI.**
10. Nkomati Mine, Onverwacht grave relocation, near Badplaas, Mpumalanga. Relocation of 45 graves. **Field Director with WC Nienaber as PI.**
11. New Vaal Colliery, Mac West Project, Free State, Relocation of 650 graves. **Field Director with WC Nienaber as PI.**
12. Mokaa Family, Relocating the grave of Mr. William Mokaa from the Rebecca Street Cemetery, Pretoria. **Project Manager and Permit Holder with WC Nienaber as PI.**
13. Nhlapo Family, Relocating the grave of Mr. Tom Nkosi Mahlopopo from the Rebecca Street Cemetery, Pretoria. **Project Manager and Permit Holder with WC Nienaber as PI.**
14. Hernic, Railway development, Brits, North West Province. Relocation of 1 grave. **Project Manager and Permit Holder with WC Nienaber as PI.**
15. V&V Consulting Engineers, Katlehong, Gauteng Province. Relocation of 5 graves. **Project Manager and Permit Holder with WC Nienaber as PI.**
16. Beurivage, Relocation of 3 graves, Hartebeestpoort, North West Province. **Field Director with WC Nienaber as PI.**
17. Xstrata Coal, Phoenix Plant. Relocation of 1 grave. **Project Manager and Permit Holder with WC Nienaber as PI.**
18. Xstrata Coal, ATCOM East, Relocation of 53 graves. **Project Manager and Permit Holder with WC Nienaber as PI.**
19. Xstrata Coal, ATCOM East, Relocation of 12 graves. **Project Manager. (Current).**
20. Xstrata Coal, ATCOM East, Relocation of 128 graves. **Project Manager (Current).**

IRON AGE AND HISTORICAL MITIGATION WORK

1. Phase 2 mitigation of archaeological terrain. Hammanskraal West Proper. Ditsala Construction. Hammanskraal, Gauteng Province. **Field Director, under Prof. JCA Boeyens, PI**
2. Phase 2 mitigation of archaeological terrain. Bokfontein Mining Project. Hernic Ferrochrome, Brits North West Province. **Field Director, under Prof. JCA Boeyens, PI**
3. Nkomati Mine, Onverwacht Phase 2 excavations, Badplaas, Mpumalanga. **Field Director, under Prof. TN Huffman, PI**
4. Phase 2 mitigation on late 19th century historical rubbish dump, Boksburg, Gauteng - **Field Director, under J.P. Behrens, PI**
5. Phase 2 mitigation of two stonewalled Iron Age sites, Machadodorp, Mpumalanga, **Field Director, under Prof. JCA Boeyens, PI**

CURRICULUM VITAE (Abridged)**WOUTER FOURIE (Principal Investigator)****ACADEMIC QUALIFICATION -**

Name of University or Institution : University of Pretoria
Degree obtained : BA
Major subjects : Archaeology, Geography and Anthropology
Year : 1996

Name of University or Institution : University of Pretoria
Degree obtained : BA [Hons] (Cum laude)
Major subjects : Archaeology and Geography
Year : 1997

Name of University or Institution : National Nuclear Regulator
Certificate obtained : Radiation Protection Officer Certificate
Year : 1999

Particulars of degrees/diplomas and/or other qualifications presently registered for:

Name of University or Institution : University of South Africa
Degree : MA (Archaeology)
Thesis title: A probabilistic model to predict areas with a high potential incidence of Late Iron Age sites within the Pilanesberg National Park
Subjects completed : Thesis in preparation

POSITIONS HELD***1997-1998***

Environmental Officer – Department of Minerals and Energy. Johannesburg, Gauteng

1998-2000

Environmental Coordinator – Randfontein Estates Limited. Randfontein, Gauteng

2000-2004

CEO– Matakoma Consultants

2005-2007

Director – Matakoma Heritage Consultants (Pty) Ltd

Director - Professional Grave Solutions (Pty) Ltd

2007 – 2008

Project Manager – Matakoma-ARM, Heritage Contracts Unit, University of the Witwatersrand

2008 - 2011

Director - Professional Grave Solutions (Pty) Ltd

Director - Professional Grave Solutions Botswana (Pty) Ltd

PROFESSIONAL AFFILIATIONS

Association of Southern African Professional Archaeologists - *Professional Member*

CRM Accreditation

Principal Investigator - Grave Relocations

Field Director – Iron Age

Field Supervisor – Colonial Period and Stone Age

COUNTRIES OF WORK EXPERIENCE:

- South Africa
- Botswana
- Mozambique
- Democratic Republic of the Congo (DRC)

KEY QUALIFICATIONS

Management of Grave Relocation Process, Cultural Resource Management and Heritage Impact Assessment Management, Archaeology, Anthropology, Applicable survey methods, Fieldwork and project management, Geographic Information Systems

CONFERENCE PAPERS AND PUBLICATIONS

- 2004 - Research poster, Probabilistic Modelling of Archaeological Sites, Pilanesberg National Park. *South African Association of Archaeologist Conference, Kimberley*
- 2005 - ‘The Return of a King’ - The repatriation of King Michael Tjiseseta, *Paper delivered at the conference of the Pan-African Archaeological Association for Prehistory and Related Studies in Gaborone, Botswana, in July 2005.*
- 2005 - Paper delivered at the Three Universities Seminar, University of Pretoria: The repatriation of King Michael Tjiseseta.
- 2006 - *Paper delivered at ASAPA conference, Pretoria. Tavistock: Good grave relocation practice.*
- 2008 – Probabilistic Modeling of archaeological sites, Pilanesberg National Park. *Association of Southern African Professional Archaeologists – Conference, Cape Town*
- 2008 - Archaeological Impact Assessments within South African legislation. *South African Archaeological Bulletin 63 (187): 77–85, 2008*

EXPERIENCE**GRAVE RELOCATIONS****2001-2011****2001**

1. V3, Brakfontein, Centurion. Reconnaissance excavation on possible grave in new development area. Field Director, under WC Nienaber as PI

2002

2. iMpunzi Division of Duiker Mining, Witbank, Grave Relocation of 950 graves. Field Supervisor, under WC Nienaber as PI

2003

3. Alveda Park Development, NewHco. Relocation of 114 graves. Field Director, under WC Nienaber as PI

2004

4. Tselentis Colliery, Duiker Mining. Relocation of 80 graves. Field Director, under WC Nienaber as PI
5. Gardener Ross Golf and Country Estate, DEVCO. Reconnaissance Excavation on possible graves. Field Director, under WC Nienaber as PI

2005-2006

6. Lannex Platinum, Steelpoort, Relocation of 10 graves. Field Director, under WC Nienaber as PI
7. Cosmo City - Randburg, Relocation of 140 graves for Basil Read Ltd. Field Director, under WC Nienaber as PI
8. Edenpark – Alberton. Relocation of 15 graves. Field Director, under WC Nienaber as PI
9. Optimum Colliery, Hendrina, Mpumalanga. Relocation of 5 graves. Field Director, under WC Nienaber as PI

2007

10. Beau Rivage, Hartebeespoort. Relocation of 14 graves. Field Director, under WC Nienaber as PI
11. New Vaal Colliery, Mac West Project, Free State, Relocation of 650 graves. Field Director, under WC Nienaber as PI
12. Mamelodi Road Upgrade, grave investigation. Field Director, under WC Nienaber as PI
13. Nkomati Mine, Onverwacht grave relocation, Badplaas, Mpumalanga. Field Director, under WC Nienaber as PI

2008

14. Martins Funeral Services, N14 interchange, Krugersdorp Gauteng. Relocation of 21 Voortrekker graves. Field Director, under WC Nienaber as PI
15. Browns Hill – Pilgrims Rest, Mpumalanga, Relocation of 6 graves. Field Director, under WC Nienaber as PI

2009

16. Mashala Resources, Ferreiras Colliery, Ermelo, Mpumalanga, Relocation of 5 graves. Field Director, under WC Nienaber as PI
17. Exxaro Arnot Coal, Middelburg, Mpumalanga, Relocation of 3 graves. Field Director, under WC Nienaber as PI
18. BHP Billiton, Khutala Colliery, KSA Project, Ogies, Mpumalanga. Relocation of 11 graves. Field Director, under WC Nienaber as PI

2010

19. WBHO, Relocation of 5 graves from South Deep tailings project, Fochville Gautemg Province. Field Director, under WC Nienaber as PI
20. Optimum Colliery, Hendrina, Mpumalanga. Relocation of 65 graves. Field Director, under WC Nienaber as PI - **Current**
21. Eyethu Coal, Relocation of 7 graves from coal project, Delmas. Field Director, under WC Nienaber as PI
22. New Clydesdale Coal, Relocation of 7 graves from coal project, Witbank. Field Director, under WC Nienaber as PI
23. Roadcrete, Lanseria-Randburg Road Upgrade 6 graves, Randburg. Principal Investigator.

2011

24. Seaton Thompson, Kameeldoorn grave relocation. Single grave. Zeerust. Principal Investigator
25. Mashala Resources, Ferreiras Colliery, Ermelo. Relocation of 11 graves. Principal Investigator.
26. Xtsrata, ATCOM. Bierman cemetery. 14 graves. Principal Investigator Relocation of 8 graves, Kudumatse Road Upgrade, Botswana. Principal Investigator

27. Investigation on the relocation of 3000 graves, Kibali, DRC. Principal Investigator
28. SAHRA, Relocation of the remains of Queen Thomo KaNdwandwe, Durban, KZN. Principal Investigator

SELECTED ARCHAEOLOGICAL FIELDWORK

- K2, Limpopo Valley, Northern Province. Archaeological excavations. *Field Assistant*. (1996-1997)
- ARMSCOR Cave, Pretoria, Gauteng Province. Archaeological excavations. *Field Assistant*. (1995 - 1997)

Iron Age Mitigation Work

1. Phase 2 mitigation of archaeological terrain. Gardener Ross Golf and Country Estate. *Field Director, under Prof. JCA Boeyens, PI*
2. Phase 2 mitigation of archaeological terrain. Hammanskraal West Proper. Ditsala Construction. Hammanskraal, Gauteng Province. *Field Director, under Prof. JCA Boeyens, PI*
3. Phase 2 mitigation of archaeological terrain. Bokfontein Mining Project. Henric Ferrochrome, Brits North West Province. *Field Director, under Prof. JCA Boeyens, PI*
4. The Heads Trust, Heritage Assessment and phase 2 documentation, and monitoring for Lydenburg Ext 38 housing development, Lydenburg, Mpumalanga. *Field Director, under Prof. JCA Boeyens, PI*
5. TWP, Wesizwe Platinum Phase 2 excavations, Pilanesberg, North West Province. *Field Director, under Prof. TN Huffman, PI*
6. Stonehenge x16, Phase 2 test excavations, Nelspruit, Mpumalanga. *Field Director, under Prof. TN Huffman, PI*
7. Nkomati Mine, Onverwacht Phase 2 excavations, Badplaas, Mpumalanga. *Field Director, under Prof. TN Huffman, PI*

SELECTED HERITAGE IMPACT ASSESSMENTS

I have been involved in excess of 200 heritage projects across southern Africa. *Examples include:*

International Projects

- Digby Wells & Associates, Grave Relocation – RAP Process, Kibali Gold Mine, Watsa, Oriental Province, *Democratic Republic of the Congo*
- Digby Wells & Associates, Archaeological Study, Kibali Gold Mine, Watsa, Oriental Province, *Democratic Republic of the Congo*
- Digby Wells & Associates, Mmamabula Mining Project CIC, *Botswana*
- Digby Wells & Associates, Archaeological Study, Etoile Copper Mine, Lebumbashi, *Democratic Republic of the Congo*

South African Projects

- Eskom, Archaeological Walkdown, Hydra-Perseus Transmission line (260km), *Northern Cape Province*
- Nature Conservation Corporation, Phase 2 Heritage Impact Assessment and EMP, Gamma-Omega Transmission line (550km), *Western Cape Province*

- Aurecon, Archaeological Walk Down and EMP, Eros- Neptune Transmission Line (380km), Transkei, *Eastern Cape Province*
- Nature Conservation Corporation, Phase 2 Heritage Impact Assessment and EMP, Hydra-Perseus Transmission line (260km – selected areas), *Northern Cape Province*
- GCS (Pty) Ltd, Archaeological Impact Assessment, Tormin Mineral Sands, Namakwaland Coast, *Western Cape*
- Strategic Environmental Focus, Heritage Impact Assessment, Kalahari Manganese, Hotazel, *Northern Cape*
- BHP Billiton, Heritage Impact Assessment, Hotazel Manganese Metals, Hotazel, *Northern Cape*
- BHP Billiton, Initial Heritage Management Plan for prospecting operations, *Northern Cape*
- Pikwane Diamonds, Heritage Impact Assessment – Waterloo Street, Kimberley, *Northern Cape*
- Digby Wells & Associates, Mmamabula Mining Project CIC, *Botswana*
- TGME, Heritage Assessment – Browns Hill, Pilgrim’s Rest, , Mpumalanga
- Digby Wells & Associates Heritage Assessment – Koert Louw Zyn Pan Colliery, Limpopo
- Bohlweki Environmental, Heritage Mitigation, Springkell Development, Modderfontein
- Digby Wells & Associates, Heritage Impact Assessment, Khutala Colliery, Mpumalanga
- TWP Environmental, Heritage Impact Assessment, Wesizwe Platinum, North West Province
- Bohlweki Environmental, Heritage Impact Assessment, Stone River Arch Development, Alberton, Gauteng
- Digby Wells & Associates, Heritage Impact Assessment, Riversdale Colliery, Vryheid, KwaZulu-Natal
- Digby Wells & Associates, Heritage Impact Assessment, Top Star Dump, Johannesburg, Gauteng
- Bohlweki Environmental, Heritage Impact Assessment, Johannesburg Zoological Gardens, Gauteng Province

PROFESSIONAL REVIEWS

Gauteng Department of Agriculture, Conservation, Environment and Land Affairs (GDACEL), Review or Heritage Impact Assessment as prepared for the Environmental Scoping Report of the *Gautrain Rapid Rail Link Project*.

REFERENCES

1. W Coen Nienaber
Department of Anatomy
School of Medicine
Faculty of Health Sciences
University of Pretoria
Tel: (012) 319 2244

2. Prof J C C Boeyens
Department of Anthropology and Archaeology
University of South Africa
Tel: (012) 429 6418

3. Prof TN Huffman
Department of Archaeology
School of Geography, Archaeology and
Environmental Studies
University of the Witwatersrand
Tel: (011) 717 6040

ANNEXURE B
LANDOWNER'S LETTER OF CONSENT



Private bag x 7265
Witbank
1035
Tel: (+27 13) 687 8344

Our Ref :

Your Ref:

01 April 2011

Sir/Madam

**LETTER OF EXHUMATION PERMISSION AND RELOCATION OF GRAVES AT
IMPUNZI OPENCAST OPERATION ON PORTIONS OF THE FARM STEENKOOLSPRUIT
18 I.S.**

iMpunzi Opencast Operation is the registered land owner of the farm Steenkoolspruit 18IS which is depicted on Annexure "A" hereto.

iMpunzi Opencast is a wholly owned subsidiary in the Xstrata South Africa (Pty) Ltd (XSA) group of Companies.

XCSA has commissioned Professional Grave Solutions (PTY) Ltd to exhume and relocate the graves within the iMpunzi Opencast Mining area.

On behalf of Xstrata Coal South Africa (Pty) Ltd as owner of the relevant properties, I hereby give permission to Professional Grave Solutions (Pty) Ltd to exhume and relocate the identified grave.

The due diligence process has been followed with the families and the remains of their relatives will be reburied in graveyards chosen by them.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Pravin Chetty', written over a horizontal line.

Pravin Chetty
General Manager
iMpunzi Complex

Xstrata South Africa (Pty) Limited
(Registration No 1997/017998/07)
Incorporated in the Republic of South Africa
1st Floor 23 Melrose Boulevard Melrose Arch Johannesburg 2196
Suite No. 19 Private Bag X 1, Melrose Arch, 2076
Tel +27 11 772-0600 Fax +27 11 772-0697 www.xstrata.com
Directors: PJ Nienaber (Chairman), RSE Alberis, W Barrett, GJ Dreyer, MJ Houston,
MJ Moffett, BD Moolman, AH Sangqu, CL Smit

**ADDENDUM C
GRAVE REGISTER**

<u>Grave No</u>	<u>Name of Deceased</u>	<u>Date of Birth</u>	<u>Date of Death</u>	<u>Dressing description & inscription</u>	<u>Next of kin details</u>	<u>New Cemetery</u>
1	Poppie Coetzee	Unknown	Unknown	Rectangular grave dressing with granite sides and no formal headstone	Unknown	Kriel Municipal Cemetery, Kriel

**ANNEXURE D
PHOTOGRAPHS OF SITE NOTICES**



Plate 2 Site notices at the grave site.

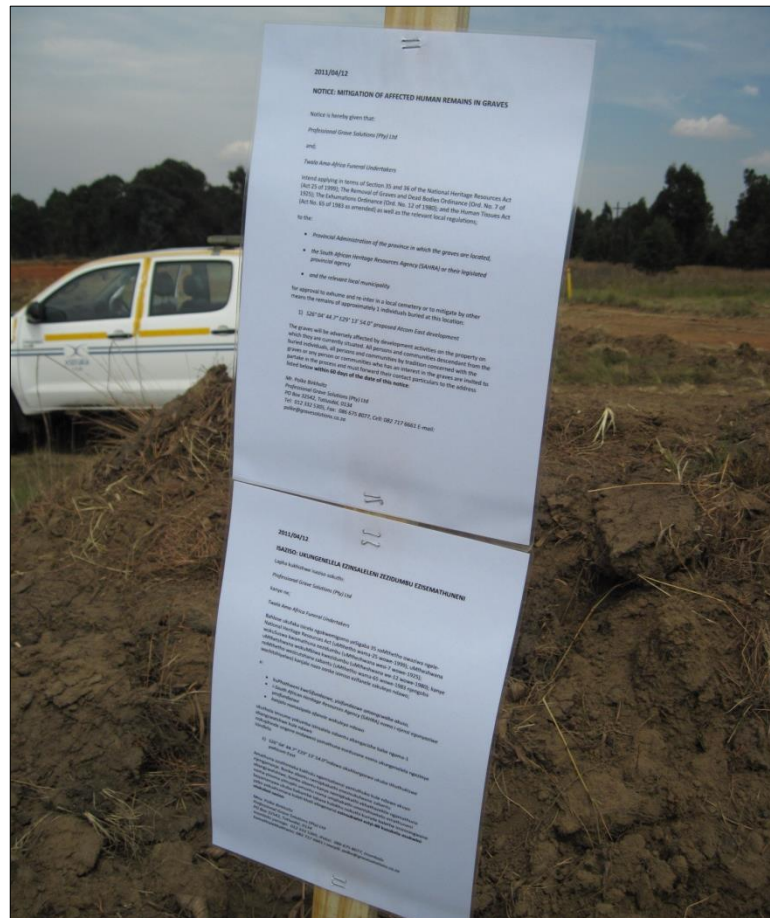


Plate 3 Closer view of the notices at the grave site.

2011/04/12

NOTICE: MITIGATION OF AFFECTED HUMAN REMAINS IN GRAVES

Notice is hereby given that:

Professional Grave Solutions (Pty) Ltd

and;

Twala Ama-Africa Funeral Undertakers

intend applying in terms of Section 35 and 36 of the National Heritage Resources Act (Act 25 of 1999); The Removal of Graves and Dead Bodies Ordinance (Ord. No. 7 of 1925); The Exhumations Ordinance (Ord. No. 12 of 1980); and the Human Tissues Act (Act No. 65 of 1983 as amended) as well as the relevant local regulations;

to the:

- *Provincial Administration of the province in which the graves are located,*
- *the South African Heritage Resources Agency (SAHRA) or their legislated provincial agency*
- *and the relevant local municipality*

for approval to exhume and re-inter in a local cemetery or to mitigate by other means the remains of approximately 1 individuals buried at this location:

- 1) *S26° 04' 45.0" E29° 13' 55.0" proposed Atcom East development*

The graves will be adversely affected by development activities on the property on which they are currently situated. All persons and communities descendant from the buried individuals, all persons and communities by tradition concerned with the graves or any person or communities who has an interest in the graves are invited to partake in the process and must forward their contact particulars to the address listed below **within 60 days of the date of this notice:**

Mr. Polke Birkholtz

Professional Grave Solutions (Pty) Ltd

PO Box 32542, Totiusdal, 0134

Tel: 012 332 5305, Fax: 086 675 8077, Cell: 082 717 6661 E-mail:

polke@gravesolutions.co.za

2011/04/12

ISAZISO: UKUNGENELELA EZINSALELENI ZEZIDUMBU EZISEMATHUNENI

Lapha kukhishwe isaziso sokuthi:

Professional Grave Solutions (Pty) Ltd

kanye ne;

Twala Ama-Africa Funeral Undertakers

Bahlose ukufaka isicelo ngokwemigomo yeSigaba 35 soMthetho owaziwa ngele-National Heritage Resources Act (uMthetho wama-25 wowe-1999); uMtheshwana wokuSuswa kwamathuna nezidumbu (uMtheshwana wesi-7 wowe-1925); uMtheshwana wokuMbiwa kwezidumbu (uMtheshwana we-12 wowe-1980); kanye noMthetho wezicutshana zabantu (uMthetho wama-65 wowe-1983 njengoba wachitshiyelwa) kanjalo nazo zonke izimiso ezifanele zakuleyo ndawo;

e:

- *kuPhathweni kweSifundazwe, yisifundazwe amangcwaba akuso,*
- *i-South African Heritage Resources Agency (SAHRA) noma i-ejensi egunyaziwe yesifundazwe*
- *kanjalo nomasipala ofanele wakuleyo ndawo*

ukuthola imvume yokumba izinsalela zabantu abangacishe babe ngama-1 abangcwatshwe kule ndawo nokuphinde ungene endaweni yamathuna eseduzane noma ukungenelela ngezinye izindlela

- 1) *S26° 04' 45.0" E29° 13' 55.0" indawo okuhlongozwa ukuba ithuthukiswe yaAtcom East*

Amathuna azothinteka kakhulu ngemisebenzi yentuthuko kule ndawo akuyo njengamanje. Bonke abantu nemiphakathi enezizukulwane zabantu abangcwatshiwe, bonke abantu kanye nemiphakathi ekhathazekile ngamathuna noma yinoma yimuphi umuntu noma umphakathi onentshisekelo emathuneni bayamenywa ukuba babambe iqhaza kulokhu nokuthi kumele balethe imininingwane yabo yokuxhumana kuleli kheli elingezansi **ezinsukwini eziyi-60 kusukela osukwini olukulesi saziso:**

Mnu. Polke Birkholtz

Professional Grave Solutions (Pty) Ltd

PO Box 32542, Totiusdal, 0134

Inombolo yocingo: 012 332 5305, iFeksi: 086 675 8077, Inombolo

kamakhalekhwini: 082 717 6661 I-imeyili: polke@gravesolutions.co.za

ANNEXURE F
COPIES OF NEWSPAPER NOTICE

NOTICE: MITIGATION OF AFFECTED HUMAN REMAINS IN GRAVES

Notice is hereby given that Professional Grave Solutions (Pty) Ltd and Twala Ama Afrika Funeral Directors cc intend applying in terms of Section 35 and 36 of the National Heritage Resources Act (Act 25 of 1999); The Removal of Graves and Dead Bodies Ordinance (Ord. No. 7 of 1925); The Exhumations Ordinance (Ord. No. 12 of 1980); and the Human Tissues Act (Act No. 65 of 1983 as amended) as well as the relevant local regulations; to the Provincial Administration of the province in which the graves are located, the South African Heritage Resources Agency (SAHRA) or their legislated provincial agency and the relevant local municipality for approval to exhume and re-inter in a local cemetery or to mitigate by other means the remains of approximately 3 individuals buried at these locations:

- a) ATCOM East (S26° 04' 33.4" E29° 14' 06.6"), Steenkoolspruit 181S

Graves belonging to the following individuals were identified at this locality:

- 1) Hlumbane Child

- b) ATCOM East (S26° 04' 44.7" E29° 13' 54.0"), Steenkoolspruit 181S

Graves belonging to the following individuals were identified at this locality:

- 1) Unknown Child

- c) ATCOM East (S26° 04' 44.0" E29° 13' 50.0"), Steenkoolspruit 181S

Graves belonging to the following individuals were identified at this locality:

- 1) Mtshweni Adult

The graves will be adversely affected by development activities on the property on which they are currently situated. All persons and communities descendant from the buried individuals, all persons and communities by tradition concerned with the graves or any person or communities who has an interest in the graves are invited to partake in the process and must forward their contact particulars to the address listed below **within 14 days of the date of this notice**:

Mr. Polke Birkholtz
Professional Grave Solutions (Pty) Ltd
PO Box 32542, Totiusdal, 0134
Tel: 012 332 5305, Fax: 086 675 8077, Cell: 082 717 6661 E-mail: polke@gravesolutions.co.za

ISAZISO: UKUNGENELELA EZINSALELENI ZEZIDUMBU EZISEMATHUNENI

Lapha kukhishwe isaziso sokuthi iProfessional Grave Solutions (Pty) Ltd kanye ne Twala Ama Afrika Funeral Directors cc bahlose ukufaka isicelo ngokwemigomo yeSigaba 35 neSigaba 36 soMthetho owaziwa ngele-National Heritage Resources Act (uMthetho wama-25 wowe-1999); uMtheshwana wokuSuswa kwamathuna nezidumbu (uMtheshwana wesi-7 wowe-1925); uMthetshwana wokuMbiwa kwezidumbu (uMtheshwana we-12 wowe-1980); kanye noMthetho wezicutshana zabantu (uMthetho wama-65 wowe-1983 njengoba wachitshiyelwa) kanjalo nazo zonke izimiso ezifanele zakuleyo ndawo; e kuPhathweni kweSifundazwe, yisifundazwe amangwaba akuso, i-South African Heritage Resources Agency (SAHRA) noma i- ejensi egunyaziwe yesifundazwe kanjalo nomasipala ofanele wakuleyo ndawo ukuthola imvume yokumba izinsalela zabantu abangacishe babebathathu abangwatshwe kulezi ndawo ezilandelayo nokuphinde ungene endaweni yamathuna aseduzane noma ukungenelela ngezinye izindlela:

- a) ATCOM East (S26° 04' 33.4" E29° 14' 06.6"), Steenkoolspruit 181S

Amathuna alaba bantu abalandelayo ahlonziwe kule ndawo:

1) Umntwana wakwa Hlumbane

b) ATCOM East (S26° 04' 44.7" E29° 13' 54.0"), Steenkoolspruit 181S

Amathuna alaba bantu abalandelayo ahlonziwe kule ndawo:

1) Umntwana onezihlobo ezingaziwa

c) ATCOM East (S26° 04' 44.0" E29° 13' 50.0"), Steenkoolspruit 181S

Amathuna alaba bantu abalandelayo ahlonziwe kule ndawo:

1) Umuntu omdala wakwa Mtshweni

Amathuna azothinteka kakhulu ngemisebenzi yentuthuko kule ndawo akuyo njengamanje. Bonke abantu nemiphakathi enezizukulwane zabantu abangcwatshiwe, bonke abantu kanye nemiphakathi ekhathazekile ngamathuna noma yinoma yimuphi umuntu noma umphakathi onentshisekelo emathuneni bayamenywa ukuba babambe iqhaza kulokhu nokuthi kumele balethe imininingwane yabo yokuxhumana kuleli kheli elingezansi **ezinsukwini eziyi-14 kusukela osukwini olukulesi saziyo:**

Mnu. Polke Birkholtz

Professional Grave Solutions (Pty) Ltd

PO Box 32542, Totiusdal, 0134

Inombolo yocingo: 012 332 5305, iFeksi: 086 675 8077, Inombolo kamakhalekhukhwini: 082 717

6661, Imeyili: polke@gravesolutions.co.za