














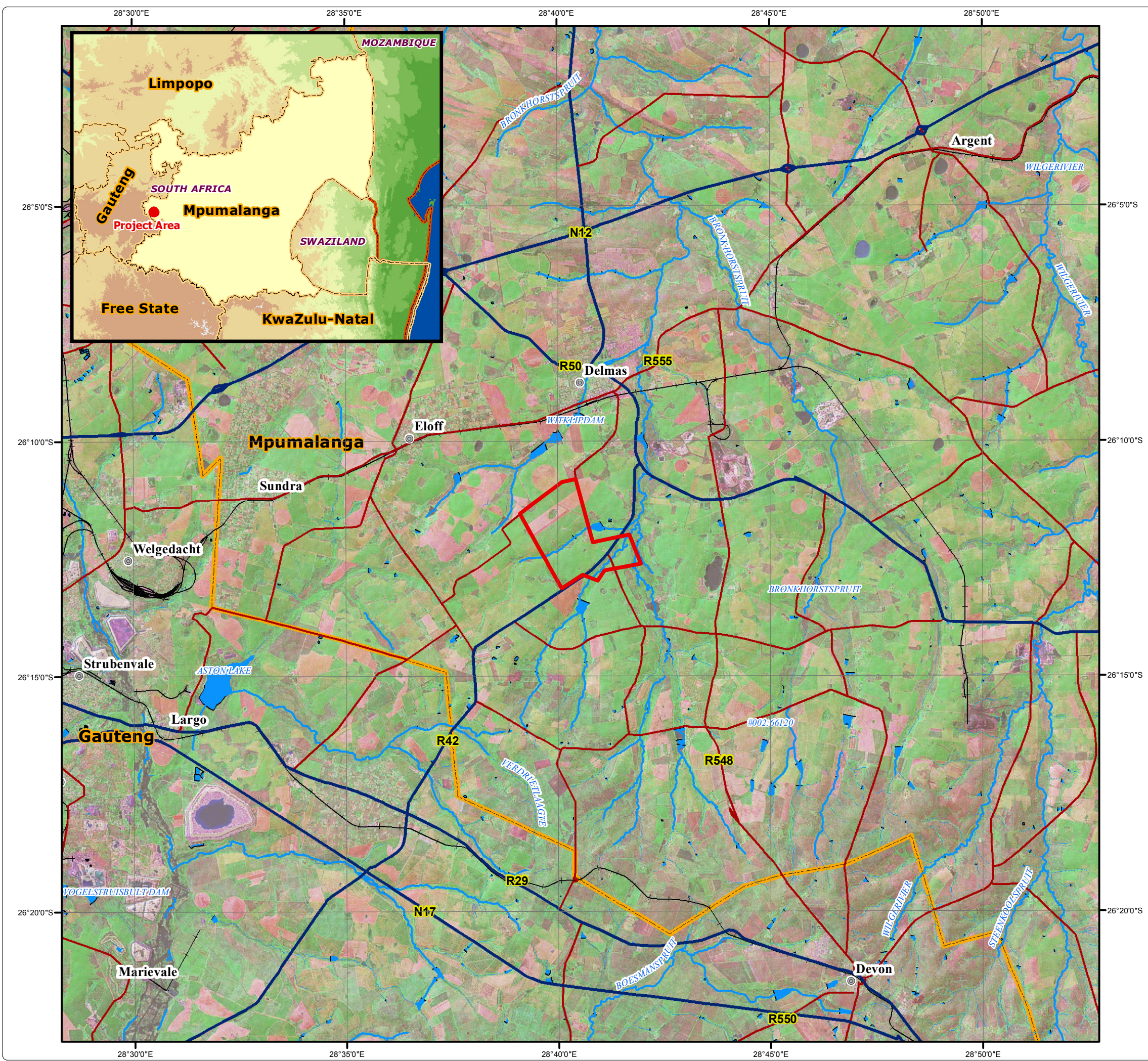
Appendix A: Plans for Site 2

Universal Coal Kangala Coal Mine

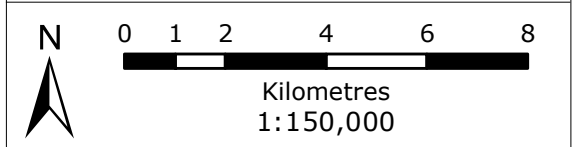
Regional Setting

Legend

-  Project Area
-  Other Town
-  Secondary Town
-  Arterial / National Route
-  Main Road
-  Railway Line
-  Non-Perennial Stream
-  Perennial Stream
-  Dam Wall
-  Dam / Lake
-  Provincial Boundary















Projection: Transverse Mercator Ref #: mpl.UNI2131.201302.074
 Datum: Hartebeesthoek 1994 Revision Number: 1
 Central Meridian: 29°E Date: 20/02/2013



Universal Coal Kangala Coal Mine

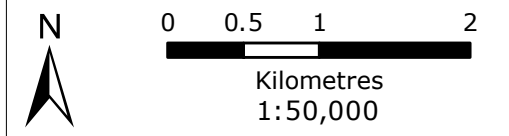
Local Setting

Legend

-  Project Area
-  Other Town
-  Secondary Town
-  Arterial / National Route
-  Main Road
-  Minor Roads
-  Railway Line
-  Non-Perennial Stream
-  Perennial Stream
-  Dam Wall
-  Dam / Lake
-  Local Municipality



Projection: Transverse Mercator Ref #: mpl.UNI2131.201302.075
 Datum: Hartebeesthoek 1994 Revision Number: 1
 Central Meridian: 29°E Date: 20/02/2013



Universal Coal Kangala Coal Mine Heritage Resources

Legend

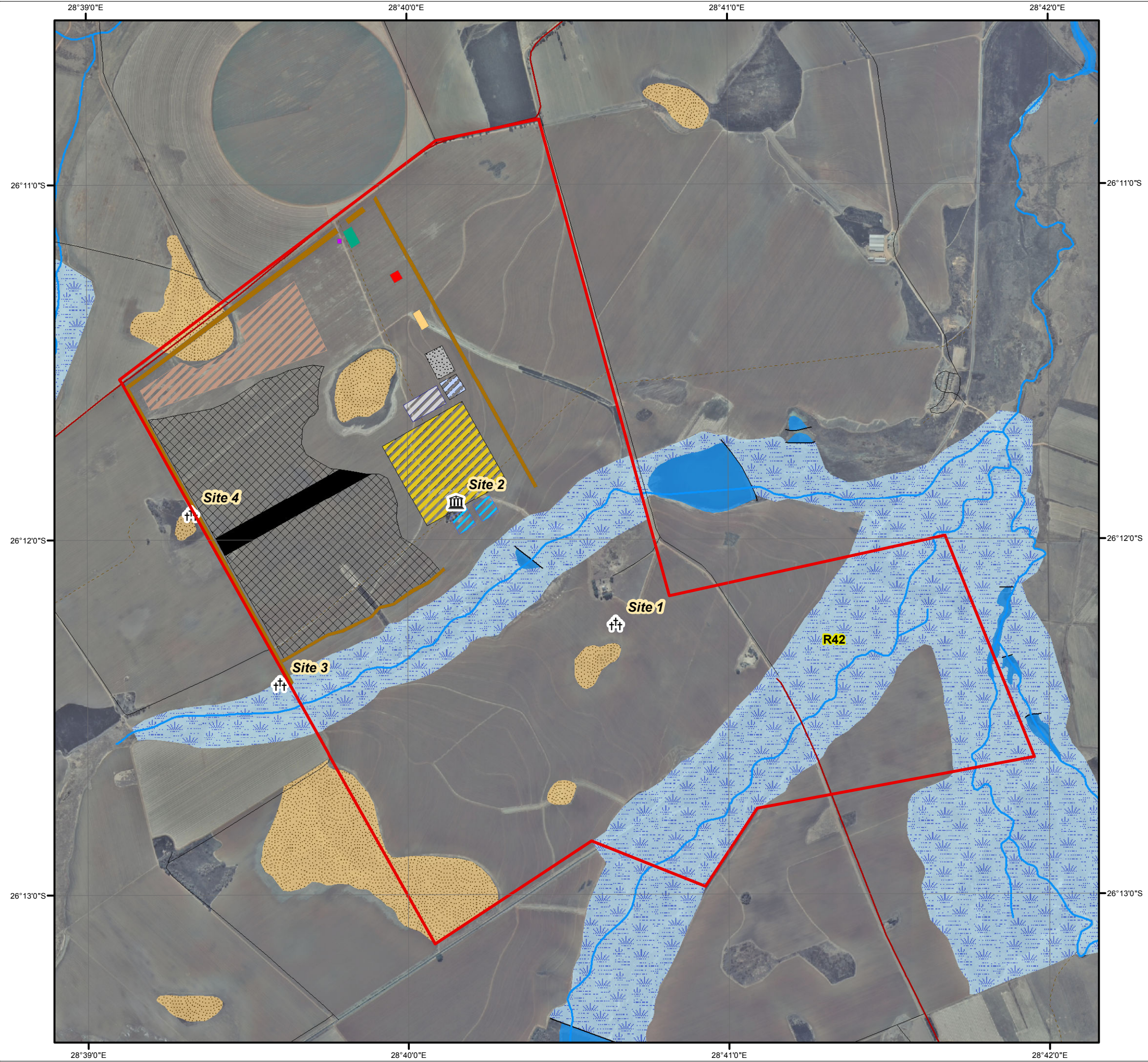
- Project Area
- Main Road
- Minor Road
- Track
- Non-Perennial Stream
- Perennial Stream
- Dam Wall
- Dam / Lake
- Non-Perennial Pan
- Perennial Pan
- Wetland

Archaeological Sites

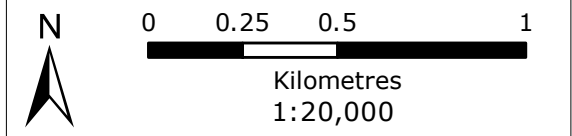
- Farmstead
- Cemetery

Mine Plan (29Oct09)

- Boxcut
- Coal Opencast
- Coal Stockpile
- Discard Dump
- Explosives Magazine
- Offices
- Overburden Stockpile
- Pollution Control Dam
- Sub-Station
- Topsoil Berm
- Washing Plant
- Weigh Bridge
- Workshop/Stores





Projection: Transverse Mercator Ref #: mpl.UNI2131.201302.076
 Datum: Hartebeesthoek 1994 Revision Number: 1
 Central Meridian: 29°E Date: 20/02/2013

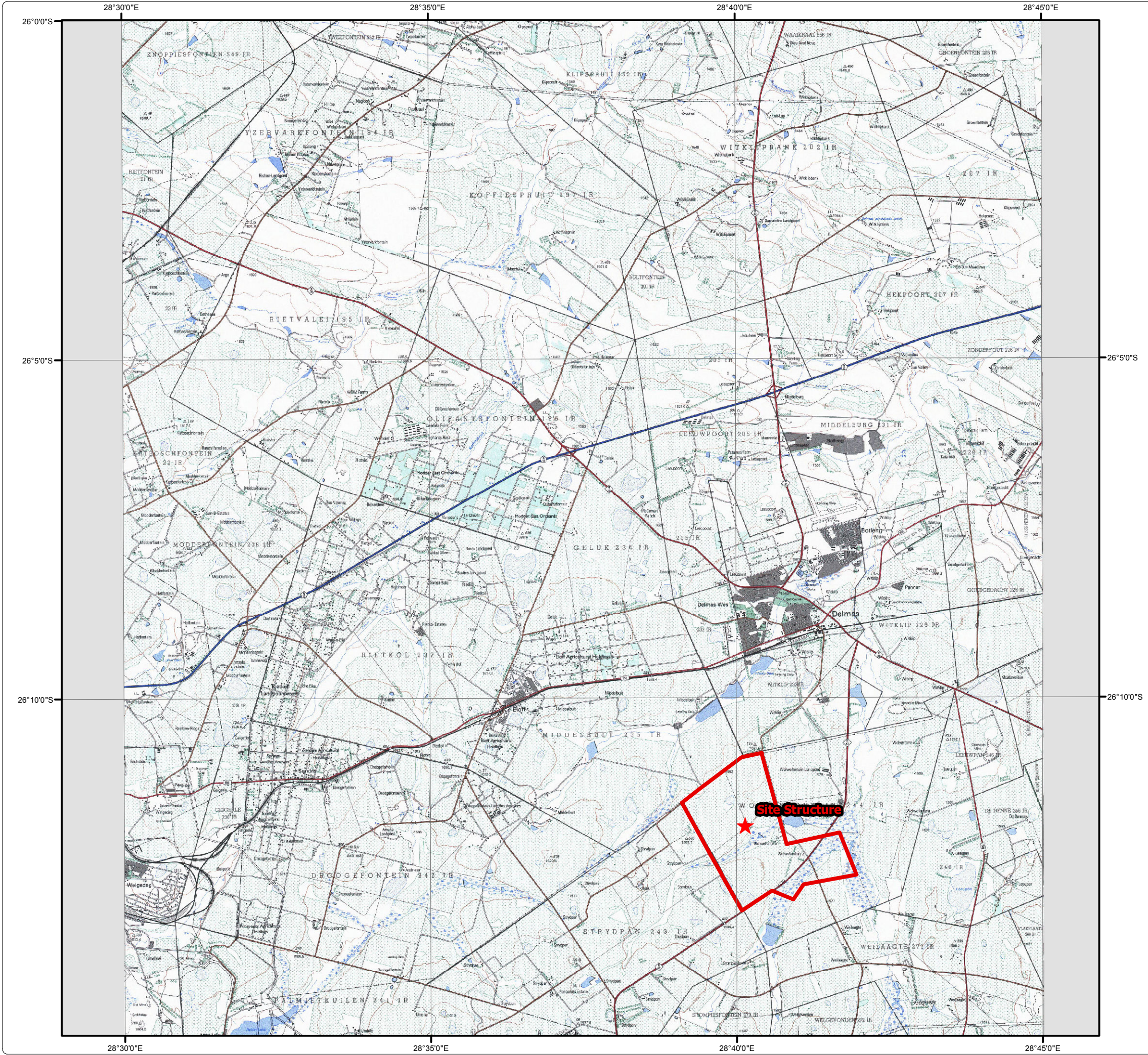


Universal Coal Kangala Coal Mine

Topographical Map
1:50 000

Legend

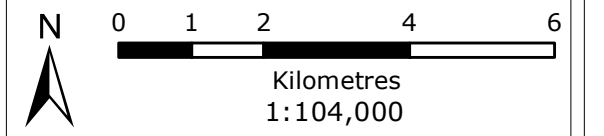
-  Site Structure
-  Project Area



2628BA Delmas



Projection: Transverse Mercator Ref #: mpl.UNI2131.201302.091
 Datum: Hartebeesthoek 1994 Revision Number: 1
 Central Meridian: 29°E Date: 20/02/2013



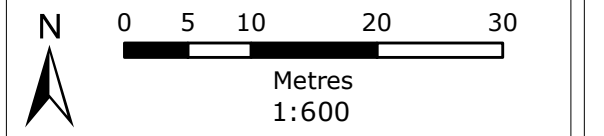
Universal Coal Kangala Coal Mine Site 2

Legend

- Borehole
- Door
- Farm entrance
- Farm fence
- Road
- Internal wall
- Concrete floor
- Foundation with existing wall
- Fire place
- Foundation
- Reservoir
- Longdrop Toilet
- Veranda
- Water tower
- Water trough
- Yard
- Exposed Foundation
- Fields


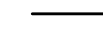







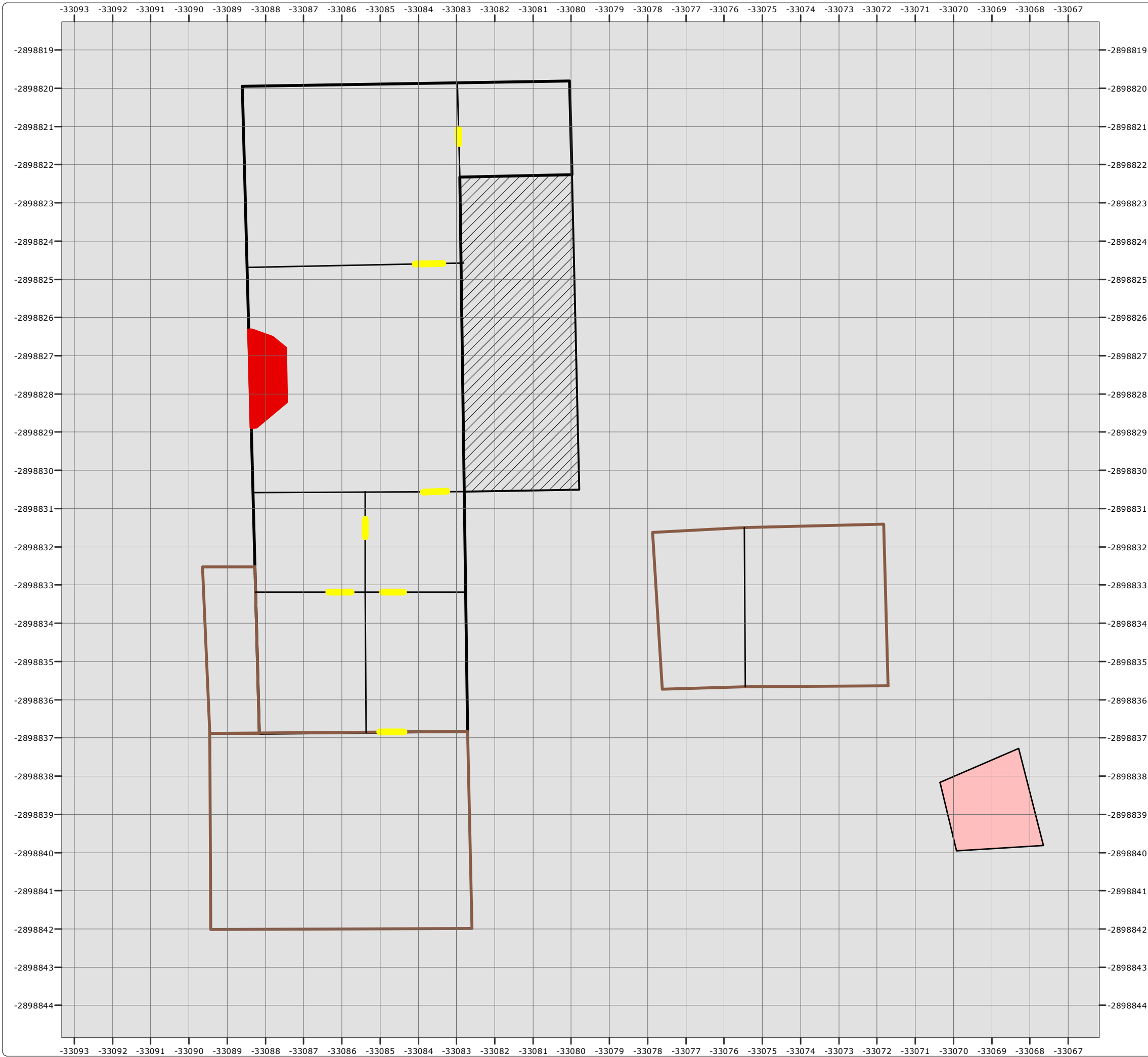
Projection: Transverse Mercator Ref #: mpl.UNI2131.201302.077
 Datum: Hartebeesthoek 1994 Revision Number: 1
 Central Meridian: 29°E Date: 20/02/2013



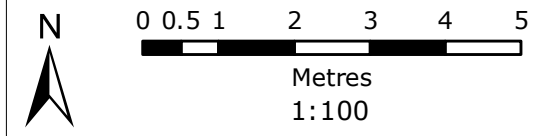
Universal Coal Kangala Coal Mine Site 2 House Structure

Legend

-  Door
-  Internal wall
-  Foundation with existing wall
-  Fire place
-  Longdrop Toilet
-  Veranda
-  Exposed Foundation



Projection: Transverse Mercator Ref #: mpl.UNI2131.201302.078
 Datum: Hartebeesthoek 1994 Revision Number: 1
 Central Meridian: 29°E Date: 20/02/2013





Appendix B: MPRHA Destruction Permit Application

ANNEXURE A

APPLICATION FOR A PERMIT

TO DESTROY, DAMAGE, DEFACE, EXCAVATE, ALTER OR REMOVE FROM ITS ORIGINAL POSITION, SUBDIVIDE OR CHANGE THE PLANNING STATUS OF A PROVINCIAL HERITAGE SITE, OR A PROVISIONALLY PROTECTED PLACE,

OR

ALTER OR DEMOLISH ANY STRUCTURE OR PART OF A STRUCTURE OLDER THAN 60 YEARS

PROTECTED IN TERMS OF THE NATIONAL HERITAGE RESOURCES ACT (ACT 25 OF 1999)

FILL IN ALL SECTIONS RELATING TO YOUR APPLICATION

1. DETAILS OF SITE, PLACE OR STRUCTURE

- 1.1 Name of site: **Site 2**.....
- 1.1.1 Physical address of site:
- 1.2 Erf/Stand/Farm name and number: **Wolvenfontein 244IR**.....
- 1.3 Type of site, place or structure (indicate by means of a cross in the appropriate space(s) below):
- 1.3.1.1 Provincial heritage site (previously a declared national monument in terms of the National Monuments Act, 1969) or a provisionally protected place (previously a provisionally declared national monument in terms of the National Monuments Act, 1969 (section 27)) or a provisionally protected heritage site in terms of Section 29 of the National Heritage Resources Act (1999). If so, attach a photocopy of the gazette notice or provide the following information (if known):
- 1.3.1.1.1 Date of notice of declaration or provisional protection in the *Government Gazette* or *Provincial Gazette*:
(dd/mm/yy) **N/A**.....
- 1.3.1.1.2 Number of notice of declaration or provisional protection in the *Government* or *Provincial Gazette*
N/A.....
- 1.3.1.1.3 Number of *Government Gazette* or *Provincial Gazette*
N/A.....
- 1.3.1.1.4 Statement of significance in the *Government Gazette* or *Provincial Gazette*
N/A.....
- 1.3.2 Structure older than 60 years (section 34) **X**
- 1.3.2 Please indicate if the property is in a Heritage Area (previously designated conservation area by the National Monuments Act, 1969) (section 31)
N/A
- 1.4 Details of the title deed and diagram of the site place or structure:
- 1.4.1 Number of title deed: **T34387/95**.....
- 1.4.2 Date of title deed: **23 November 1999**
- 1.4.3 Number of Surveyor-General Diagram, where applicable: **A. 1266/1926**.....
- 1.4.4 Date of Surveyor-General Diagram, where applicable: **N/A**.....
- 1.4.5 Registered servitude against title deed declaring the site a provincial heritage site or provisionally protected place, where applicable: **N/A**.....
- 1.5 Cadastral co-ordinates (if available) **-26.197594; 28.669535**.....
- 1.6 Current use of property: **Agricultural use**.....
- 1.7 Magisterial district in which the site, place or structure is situated: **Nkangala District Municipality**.....
- 1.8 Planning authority in whose area of jurisdiction the site, place or structure is situated:
- 1.8.1 Name of planning authority: **Victor Khanye Local Municipality**
- 1.8.2 Postal address: **P O Box 6; Delmas; Mpumalanga Province**.....
- 1.8.3 Postal code: **2210**.....
- 1.8.4 Telephone area code: **(013)** Telephone number: **665 6000**..... Facsimile number: **665 2913**

2. NAME AND ADDRESS OF APPLICANT

2.1 Name: **UNIVERSAL COAL DEVELOPMENT I (PTY) LTD; Contact person (Minah Moabi)**
2.2 Address: **467 Fehrsen Street; Cnr Muckleneuk; Brooklyn; Pretoria.....**
2.3 Postal code: **0181.....**

2.4 Contact numbers
2.4.1 Telephone area code: (012) Telephone number (h): Telephone number (w): **460 0805**
2.4.2 Facsimile area code: (012) Facsimile number (h)..... Facsimile number (w): **460 2417.....**
2.4.3 Cellular phone number: **076 431 3968.....**
2.4.4 E-mail: **m.moabi@universalcoal.com**

2.5 Identity number of applicant: **790119 0390 080.....**

2.6 Declaration: I, **Minah Moabi** herewith declare that I intend to undertake to the actions as proposed in this application.

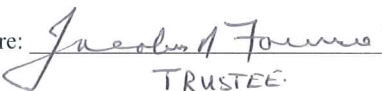
Signature:  Date: **21/2/13.....**

3. REGISTERED OWNER OF PROPERTY: (if the applicant is not the registered owner of the property; or if the application is made on behalf of the registered owner, a power of attorney must be attached)

3.1 Name: **KALLIE –MADEL TRUST**
3.2 Address: **P.O Box 33, Delmas, 2210**
3.3 Contact numbers:
3.3.1 Telephone area code: (013) Telephone number (h): Telephone number (w): **665 7700**
3.3.2 Facsimile area code: (013) Facsimile number (h)..... Facsimile number (w): **665 1645**
3.4.3 Cellular phone number:
3.4.4 E-mail: **brent@witclip.co.za**

3.4 Identity number of registered owner

3.5 Declaration: I, **Kalli Schoeman**, am fully aware of this application and accept its contents.

Owner Signature:  Date: **12/3/2013.....**
TRUSTEE

4. NAME AND ADDRESS OF PRIMARY RESPONSIBLE AGENT (Architect/Designer/etc.)

4.1 Name: **FREDERIK WILLEM STRYDOM, ACTING ON BEHALF OF Setonutti Stocks**
4.2 Address: **Protech Park Cnr Zuurfontein AVE and ORANSE RIVER**
Kempton Park
4.3 Postal code: **2146.....**
4.4 Contact numbers
4.4.1 Telephone area code: (011) Telephone number (h): **9544627** Telephone number (w): **396 7536**
4.4.2 Facsimile area code: (086) Facsimile number (h): **218 9560** Facsimile number (w):
4.4.3 Cellular phone number: **082 820 6228**
4.4.4 E-mail: **freddiestrydom@setonutti.com**

4.5 Identity number pr primary responsible agent ... **66030 950 22 088.....**

4.6 Qualifications and/or relevant experience of primary responsible agent: **Engineer**

4.7 Will this agent oversee the action to completion? **N/A** Yes No
If not, who will then be responsible to oversee the completion of the proposed action? **N/A**

4.8 Declaration: I, **Frederik, Willem Strydom** herewith declare that I will be responsible for the proposed actions in accordance with the proposals in this application.

Signature:  Date: **25/02/2013.....**

5. PROPOSED TYPE OF ACTION (indicate by means of a cross in the appropriate block(s) below):

- 5.1 Type of work:
 Destroy damage, deface, excavate, alter or remove from its original position:
- 5.1.1 Total Demolition
- 5.1.2 Partial Demolition
- 5.1.3 Additions to existing structures
- 5.1.4 New buildings
- 5.1.5 Restoration
- 5.1.6 Alteration
- 5.1.7 Excavation
- 5.1.8 Landscaping
- 5.1.9 Remove from its original or current position
- 5.1.10 Subdivide or change planning status: Consolidation Subdivision Rezoning
- 5.1.11 Re-application for permit Date of previous permit: (dd/mm/yy):
- 5.2 Approximate cost of proposed action/Tender price:
 N/A.....
- 5.3 Period for which permit is requested (maximum three years)/ Duration of proposed action:
 From 18 March 2013..... To: 18 March 2014.....

6. DETAIL OF THE ACTION PROPOSED (Provide a short description of the proposed action which must be supported by the documentation provided as specified in 7 and 9 hereunder) Please see attached Destruction Permit Application Report.

7. DRAWING REFERENCE NUMBERS AND DATES (Please list all drawing reference numbers, including revision numbers, and the dates of the drawings.)

Drawing reference number	Date of drawing	Version	Title of drawing

8. MOTIVATION FOR PROPOSED ACTION (Motivate fully, with reference to conservation policy and/or principles, where appropriate. This space may also be used for additional details required above.) Please see attached Destruction Permit Application Report.

9. CONSULTATION

9.1 Conservation bodies

Conservation bodies are interested parties in the management of our heritage resources. MPHRA is responsible for informing registered conservation bodies when applications are received for particular geographical areas or categories of heritage resources in terms of section 25(1) of the National Heritage Resources Act, 1999. Please indicate whether you have consulted any of your local conservation bodies regarding your proposal and submit any comments they might have on the impact of the intended actions on the cultural significance of the heritage resource to MPHRA as part of your application.

The following conservation bodies have been contacted, and their comments are attached

Name of registered conservation body	Contact details	Written comments on the proposed action attached

9.3 Archaeological and/or palaeontological expertise

Have you consulted an archaeologist or palaeontologist with regard to the impact of the proposed actions on the heritage values of the site? If so, provide a copy of the written report. (Please see attached Destruction Permit Application Report).

10. DOCUMENTATION TO ACCOMPANY THIS APPLICATION

- 10.1 ONE SET OF COLOURED-UP DRAWINGS to be retained for record purposes by MHRA.
- 10.2 ANY FURTHER SETS OF RELEVANT DRAWINGS that will be returned to the applicant (usually the local authority and owner require their own stamped set of drawings) and will be stamped if approved by MHRA.
- 10.3 LOCALITY PLAN showing where the site is.
- 10.4 SITE PLAN showing the layout of the property - including trees and landscape features.
- 10.5 PHOTOGRAPHS, VIDEOS OR OTHER VISUAL AIDS of the site, place or structure in its present form and in context. Where appropriate, please include photographs, videos or other visual aids of the interior of the structure that will be affected by the proposed action. Please provide captions and dates to all photographs. If a model is submitted, please provide photographs of the model for MHRA records.
- 10.6 A HISTORICAL BACKGROUND to the site, place or structure.
- 10.7 A MOTIVATION for the proposed action/s (paragraph 8).
- 10.8 COMMENTS OF CONSERVATION BODIES if consulted.
- 10.9 IMPACT ASSESSMENT REPORT BY AN ARCHAEOLOGIST, if relevant.
- 10.10 COMMENTS OF REGISTERED OWNERS OF ADJOINING PROPERTIES if relevant.
- 10.11 DETAILS AND OUTCOME OF ANY PREVIOUS SUBMISSIONS MADE TO ANY OTHER AUTHORITY (the former National Monuments Council (NMC), SAHRA, etc.) in respect of this application
- 10.12 ANY ADDITIONAL PERTINENT INFORMATION regarding the site, place or structure that you believe will assist MHRA to consider your application

11. PLEASE NOTE

- 11.1 Unless the applicant and the registered owner sign the application form, if these are not the same person, it will not be processed by MHRA.
- 11.2 **Applications are considered to be public documents and are open to public scrutiny. Should you wish your application to be kept confidential, please motivate your request on a separate sheet. Cases in which confidentiality is granted will be limited to one year (12 months).**

When completed, please return this form to:

The Secretariat
MHRA Permit Committee
Private Bag X11316
NELSPRUIT
1200

1st & 2nd Floor, Building
7 Government Boulevard
Riverside Park Ext 2
Nelspruit 1200

Telephone: 013 766 5196/5231

Fax: 013 766 8256



Appendix C: Title Deed for Wolvenfontein 244IR

3. ANTONIA CAROLINA AUGUSTINA GEY VAN PITTIUS
 Identiteitsnommer 360204 0011 00 9
 Getroud buite gemeenskap van goedere
 kragtens 'n volmag op die 26ste dag van OKTOBER 1999 te
 PRETORIA

EN die genoemde Komparant het verklaar dat sy gemelde Prinsipale
 waarlik en wettiglik die hierna vermelde eiendom aan die hierna vermelde
 transportnemer op die 8ste dag van OKTOBER 1999 verkoop het.

DERHALWE sedgeer en transporteer hy in sy voormelde hoedanigheid
 hiermee aan en ten gunste van:

Die Trustees van tyd tot tyd van

DIE KALLIE-MADELTRUST

No: IT 1327/90

Diese Ampsopvolgers in Titel, Administrateurs of Regverkrygendes,
 in volkome en vrye eiendom:

GEDEELTE 1 van die plaas WOLVENFONTEIN 244,

Registrasie Afdeling I. R., Provinsie Mpumalanga;

GROOT 557.7601 (VYFHONDERD SEWE EN VYFTIG komma SEWE
 SES NUL EEN) Heklaar;

AANVANKLIK OORGEDRA kragtens Akte van Transport T. 9124/1927
 met Kaart L. G. No: A. 1266/1926 daarby aangeheg en gehou kragtens
 Akte van Transport T. 74811/93 en Akte van Transport T. 34387/95.

1

REGISTERED DEED
 1999 OCT 26 11:30 AM

ONDERHEWIG AAN DIE VOLGENDE VOORWAARDES:

- A. 'SUBJECT to Deed of Servitude K. 747/1924-S whereby certain right to conduct electricity were granted over the said farm WOLVENFONTEN to THE VICTORIA FALLS AND TRANSSVAAL POWER COMPANY LIMITED.
- B. By Notarial Deed K. 1503/1960-S the right has been granted to ESKOM to convey electricity over the property hereby conveyed together with ancillary rights and subject to conditions as will more fully appear on reference to the said Notarial Deed.'

EN VERDER ONDERHEWIG aan al sodanige voorwaardes as wat in genoemde Akte vermeld staan of na verwys word.

WESHALWE die Komparant afstand doen van al die reg, titel en aanspraak wat sy gemelde Prinsipale voorheen op die genoemde eiendom gehad het, gevolglik erken Komparant dat sy Prinsipale geheel

FOR INFORMATION OF ALL
SALON FOR ALL INFORMATION

en al uit die besit daarvan onthef is en nie meer daartoe geregtig is
nie, en dat, kragtens hierdie Akte, die genoemde

Die Trustees van tyd tot tyd van

DIE KALLIE-MADELTRUST

No: IT 1327/90

Diese Ampsovolgers in Titel, Administrateurs of Regverkrygendes,
tans en voortaan daartoe geregtig is, ooreenkomstig plaaslike gebruik,
behoudens die rege van die Staat, en ten slotte erken hy dat die
koopprys die som van R2 000 000,00 (TWE E MILJOEN RAND) bedra.

TEN BEWYSE WAARVAN ek, genoemde Registrateur van Aktes, tesame
met die Komparant hierdie Akte onderteken en met die ampeel
bekragtig het.

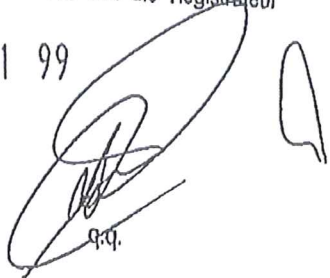
ALDUS GEDOEN en GETEKEN op die kantoor van die Registrateur
van Aktes te PRETORIA op

23 11 99

In my teenwoordigheid:


REGISTRATEUR VAN AKTES

/Hvd


g.g.

p





Appendix D: Curriculum Vitae of Specialists



JOHAN NEL

Mr. Johan Nel

Unit manager: Heritage Resources Management

Social Sciences

Digby Wells Environmental

1 EDUCATION

- 2002 BA Honors - Archaeology
- 2001 BA Anthropology & Archaeology
- 1997 Matriculated Brandwag Hoërskool

2 LANGUAGE SKILLS

Fluent in English and Afrikaans

3 EMPLOYMENT

- 2011 to present Unit manager: Heritage Resources Management, Digby Wells Environmental
- 2010-2011 Archaeologist, Digby Wells Environmental
- 2005-2010 Manager and co-owner, Archaic Heritage Project Management
- 2003-2005 Freelance archaeologist
Resident archaeologist, Rock Art Mapping Project, Ndidima, Ukhahlamba-Drakensberg World Heritage Site
- 2002-2003 Special Assistant: Anthropology, Department of Anatomy, University of Pretoria
- 2001-2002 Technical Assistant: Department of Anatomy, University of Pretoria
- 1999-2001 Assistant: Mapungubwe Project, National Cultural History Museum & Department of Anthropology and Archaeology, UP

4 EXPERIENCE

I have 13 years of combined experience in the field of cultural heritage resources management (HRM) including archaeological and heritage assessments, grave relocation, social consultation and mitigation of archaeological sites. I have gained experience both within urban settings and remote rural landscapes. Since 2010 I have been actively involved in environmental management that has allowed me to investigate and implement the integration of heritage resources

Digby Wells & Associates (Pty) Ltd. Co. Reg. No. 1999/05985/07. Fern Isle, Section 10, 359 Pretoria Ave Randburg Private Bag X10046, Randburg, 2125, South Africa

Tel: +27 11 789 9495, Fax: +27 11 789 9498, info@digbywells.com, www.digbywells.com

Directors: A Sing*, AR Wilke, LF Koeslag, PD Tanner (British)*, AJ Reynolds (Chairman) (British)*, J Leaver*, GE Trusler (C.E.O)

*Non-Executive

management into environmental impact assessments (EIA). Many of the projects since have required compliance with International Finance Corporation (IFC) requirements and other World Bank standards. This exposure has allowed me to develop and implement a HRM approach that is founded on international best practice and leading international conservation bodies such as UNESCO and ICOMOS. I have worked in most South African Provinces, as well as Swaziland, the Democratic Republic of the Congo and Sierra Leone. I am fluent in English and Afrikaans, with excellent writing and research skills.

5 PROJECT EXPERIENCE

PHASE 1 ARCHAEOLOGICAL IMPACT ASSESSMENTS:

- Above Ground Storage Tanks survey, SASOL Oil (Pty) Ltd, Free State Province, South Africa
- Access road establishment , AGES-SA, Tzaneen, South Africa
- Boikarabelo Railway Link, Resgen South Africa, Steenbokpan, South Africa
- Conversion of prospecting rights to mining rights, Georock Environmental, Musina, South Africa
- Galaxy Gold Agnes Mine, Barberton, South Africa
- HCI Khusela Palesa Extension, Bronkhorstspuit, South Africa
- Kennedy's Vale township establishment, AGES-SA, Steelpoort, South Africa
- Koidu Diamond Mine, Koidu Holdings, Koidu, Sierra Leone
- Lonmin Platinum Mine water pipeline survey, AGES-SA, Lebowakgomo, South Africa
- Mining right application, DERA Environmental, Hekpoort, South Africa
- Mogalakwena water pipeline survey, AGES-SA, Limpopo Province, South Africa
- Nzoro Hydropower Station, Environmental and Social Impact Assessment, DRC
- Randgold Kibali Gold Project, Environmental and Social Impact Assessment, Kibali, Democratic Republic of the Congo
- Randwater Vlakfontein-Mamelodi water pipeline survey, Archaeology Africa cc, Gauteng, South Africa
- Residential and commercial development, GO Enviroscience, Schoemanskloof, South Africa
- Temo Coal, Limpopo, South Africa
- Transnet Freight Line survey, Eastern Cape and Northern Cape, ERM, South Africa
- Van Reenen Eco-Agri Development Project, GO Enviroscience, South Africa
- Platreef Platinum Mine, Ivanhoe Nickel & Platinum, Mokopane, South Africa

MITIGATION PROJECTS:

- Mitigation of Iron Age archaeological sites: Kibali Gold Project, DRC
- Mitigation of Iron Age metalworking site: Koidu Diamond Mine, Sierra Leone
- Mitigation of Iron Age sites: Boikarabelo Coal Mine, South Africa
- Exploratory test excavations of alleged mass burial site: Rustenburg, Bigen Africa Consulting Engineers, South Africa
- Mitigation of Old Johannesburg Fort: Johannesburg Development Agency (JDA), South Africa
- Site monitoring and watching brief: Department of Foreign Affairs Head Office, Imbumba-Aganang Design & Construction Joint Venture, South Africa

GRAVE RELOCATION

- Du Preezhoek-Gautrain Construction, Bombela JV, Pretoria, South Africa
- Elawini Lifestyle Estate social consultation, PGS (Pty) Ltd, Nelspruit, South Africa;
- Motaganeng social consultation, PGS (Pty) Ltd Burgersfort, South Africa
- Randgold Kibali Mine, Relocation Action Plan, Kibali, DRC
- Repatriation of Mapungubwe National Park and World Heritage Site, DEAT, South Africa
- Smoky Hills Platinum Mine social consultation, PGS (Pty) Ltd Maandagshoek South Africa
- Southstock Colliery, Doves Funerals, Witbank, South Africa
- Tygervallei. D Georgiades East Farm (Pty) Ltd, Pretoria, South Africa
- Willowbrook Ext. 22, Ruimsig Manor cc, Ruimsig, South Africa
- Zondagskraal social consultation, PGS (Pty) Ltd, Ogies, South Africa
- Zonkezizwe Gautrain, PGS, (Pty) Ltd, Midrand, South Africa

OTHER HERITAGE ASSESSMENTS AND REVIEWS:

- Heritage Scoping Report on historical landscape and buildings in Port Elizabeth: ERM South Africa
- Heritage Statement and Cultural Resources Pre-assessment scoping report on Platreef Platinum Mine, Mokopane: Platreef Ltd
- Heritage Statement and Scoping Report on five proposed Photo Voltaic Solar Power farms, Northern Cape and Western Cape: Orlight SA
- Land claim research Badenhorst family vs Makokwe family regarding Makokskraal, Van Staden, Vorster & Nysschen Attorneys, Ventersdorp South Africa
- Research report on Cultural Symbols, Ministry for Intelligence Services, Pretoria, South Africa
- Research report on the location of the remains of kings Mampuru I and Nyabela, National Department of Arts and Culture, Pretoria, South Africa
- Review of Archaeological Assessment: Resources Generation, Coal Mine Project in the Waterberg area, Limpopo Province

- Review of CRM study and compilation of Impact Assessment report, Zod Gold Mine, Armenia

6 PROFESSIONAL AFFILIATIONS

Society for Africanist Archaeologists (SAfA)

7 PROFESSIONAL REGISTRATION

Association for Southern African Professional Archaeologists (ASAPA)

Accredited by ASAPA Cultural Resources Management section

International Association of Impact Assessors (IAIA)

8 PUBLICATIONS

Nel, J. 2001. Cycles of Initiation in Traditional South African Cultures. *South African Encyclopaedia* (MWEB).

Nel, J. 2001. *Social Consultation: Networking Human Remains and a Social Consultation Case Study*. Research poster presentations at the Bi-annual Conference (SA3) Association of Southern African Professional Archaeologists: National Museum, Cape Town.

Nel, J. 2002. *Collections policy for the WG de Haas Anatomy museum and associated Collections*. Unpublished. Department of Anatomy, School of Medicine: University of Pretoria.

Nel, J. 2004. Research and design of exhibition for Eloff Belting and Equipment CC for the Institute of Quarrying 35th Conference and Exhibition on 24 – 27 March 2004.

Nel, J. 2004. *Ritual and Symbolism in Archaeology, Does it exist?* Research paper presented at the Bi-annual Conference (SA3) Association of Southern African Professional Archaeologists: Kimberley

Nel, J & Tiley, S. 2004. The Archaeology of Mapungubwe: a World Heritage Site in the Central Limpopo Valley, Republic of South Africa. *Archaeology World Report*, (1) United Kingdom p.14-22.

Nel, J. 2007. *The Railway Code: Gautrain, NZASM and Heritage*. Public lecture for the South African Archaeological Society, Transvaal Branch: Roede School, Parktown.

Nel, J. 2009. *Un-archaeologically speaking: the use, abuse and misuse of archaeology in popular culture*. *The Digging Stick*. April 2009. 26(1): 11-13: Johannesburg: The South African Archaeological Society.

Nel, J. 2011. 'Gods, Graves and Scholars' returning Mapungubwe human remains to their resting place.' In: *Mapungubwe Remembered*. University of Pretoria commemorative publication: Johannesburg: Chris van Rensburg Publishers.

Nel, J. 2012. *HIAs for EAPs*. Paper presented at IAIA annual conference: Somerset West.



DIGBY WELLS
ENVIRONMENTAL

NATASHA HIGGITT

Ms Natasha Higgitt
Archaeology Consultant
Social Department
Digby Wells Environmental

1 EDUCATION

- University of Pretoria
- BA Degree (2008)
- Archaeology Honours (2009)
- Title of Dissertation- Pass the Salt: An Archaeological analysis of lithics and ceramics from Salt Pan Ledge, Soutpansberg, for evidence of salt working and interaction.

2 LANGUAGE SKILLS

- English - Excellent (read, write and speak)
- Afrikaans - Fair (read, write and speak)
- Italian – Poor (Speaking only)

3 EMPLOYMENT

- July 2011 to Present: Archaeology Consultant at Digby Wells Environmental
- April 2011 to June 2011: Lab assistant at the Albany Museum Archaeology Department, Grahamstown, Eastern Cape
- April 2010 to March 2011: Intern at the Archaeology Department, Albany Museum, Grahamstown, Eastern Cape under the Department of Sports, Recreation, Arts and Culture, Eastern Cape Government, South Africa (DSRAC)

4 EXPERIENCE

- Human remains rescue excavation at St Francis Bay, Eastern Cape
- Human remains rescue excavation at Wolwefontein, Eastern Cape

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Directors: A Sing*, AR Wilke, LF Koeslag, PD Tanner (British)*, AJ Reynolds (Chairman) (British)*, J Leaver*, GE Trusler (C.E.O)

*Non-Executive

- Recorded two rock art sites at Blaauwbosch Private Game Reserve, Eastern Cape
- Attended a 2 week excavation/study tour in the Friuli Region in Italy, organised by the *Società Friulana di Archeologia*, sponsored by *Ente Friuli nel Mondo*, and excavated a 12th century medieval castle
- Attended a 2 week excavation in Limpopo, Waterpoort Archaeological Project organised by Xander Antonites (Yale PhD Candidate)
- A total of 5 University of Pretoria Archaeology field schools in Limpopo and Gauteng spanning over 4 years

5 PROJECT EXPERIENCE

- Phase 1 Heritage Impact Assessment for the Thabametsi Coal Mine, Lephalale, Limpopo for Exxaro Coal (Digby Wells Environmental)
- Heritage Statement for the Zandbaken Coal Mine Project, Zandbaken 585 IR, Sandbaken 363 IR and Bosmans Spruit 364 IS, Standerton, Mpumalanga for Xtrata Coal South Africa (Digby Wells Environmental)
- Phase 1 Heritage Impact Assessment for the Brakfontein Thermal Coal Mine, Mpumalanga for Universal Coal (Digby Wells Environmental)
- Development of a RAP for Aureus Mining for the New Liberty Gold Mine Project, Liberia (Digby Wells Environmental)
- Phase 1 Archaeological Impact Assessment for the MBET Pipeline, Steenbokpan, Limpopo (Digby Wells Environmental)
- Notice of Intent to Develop and Cultural Resources Pre-Assessment for Orlight SA (PTY) Ltd Solar PV Project. 2012. (Digby Wells Environmental)
- Agricultural Survey for Platreef ESIA, Mokopane, Limpopo. 2011. (Digby Wells Environmental)
- Cultural Resources Pre-Assessment for the Proposed Sylvania Everest North Mining Development in Mpumalanga, near Lydenburg. 2011. (Digby Wells Environmental)
- Phase 2 Mitigation of Archaeological sites at Boikarabelo Coal Mine, Steenbokpan, Limpopo. 2011. (Digby Wells Environmental)
- Cultural Resources Pre-Assessment for Proposed Platinum Mine Prospecting in Mpumalanga, near Bethal for Anglo Platinum. 2011. (Digby Wells Environmental)
- Cultural Resources Pre-Assessment for proposed Platinum Mine at Mokopane, Limpopo for Ivanhoe Platinum. 2011. (Digby Wells Environmental)
- Phase 1 AIA Mixed-use housing Development, Kwanobuhle, Extension 11, Uitenhage, Eastern Cape. 2011.
- Phase 1 AIA Centane to Qholora and Kei River mouth road upgrade survey, Mnquma Municipality, Eastern Cape. 2011. (SRK Consulting)



- Phase 1 AIA Clidet Data Cable survey, Western Cape, Northern Cape, Free State and Eastern Cape. 2011. (SRK Consulting)
- Phase 1 AIA Karoo Renewable Energy Facility, Victoria West, Northern Cape. 2011. (Savannah Environmental)
- Phase 1 AIA Windfarm survey in Hamburg, Eastern Cape. 2010. (Savannah Environmental)
- Phase 1 AIA Windfarm survey in Molteno, Eastern Cape. 2010. (Savannah Environmental)
- Phase 1 AIA Housing Development at Motherwell, P.E. 2010. (SRK Consulting)
- Phase 1 AIA Sand quarry survey in Paterson, Eastern Cape. 2010. (SRK Consulting)
- Phase 1 AIA Quarry Survey at Victoria West. 2010. (Acer [Africa] Environmental Management Consultants)
- Phase 1 AIA Quarry Survey at Port Elizabeth. 2010. (E.P Brickfields)

6 PROFESSIONAL AFFILIATIONS

- Association of Southern African Professional Archaeologists (ASAPA): Professional member
- Association of Southern African Professional Archaeologists (ASAPA): CRM Practitioner (Field Supervisor: Stone Age, Iron Age and Rock Art)
- South African Museums Association: Member