

9/2/28010002



1172 Lara Street  
P.O. Box 40541  
Moreleta Park  
0044



**ENVIRONMENTAL SCOPING REPORT FOR THE PROPOSED  
DEVELOPMENT ON PORTION 13 ( A PORTION OF PORTION 11) OF THE  
FARM RIETFONTEIN 446-KR, LIMPOPO PROVINCE**

**Ref No: 16/1/2-367**

**Prepared for:** The Director  
Limpopo Department of Economic Development  
Environment and Tourism  
PO Box 55464  
POLOKWANE  
0700

**Prepared by:** Rock Environmental Consulting (Pty) Ltd  
P.O. Box 40541  
MORELETA PARK  
0044  
(012) 997 4742

**On behalf of the applicant:** Squirtle Properties cc

**OKTOBER 2007**

Phone: +27 12 997 4742  
Fax: +27 12 997 0415  
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Reg. No. 99/28567/07

Director: PN van der Merwe B Sc(Hon) B Sc (Hon) Environmental Management

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ROCK ENVIRONMENTAL CONSULTING (PTY) LTD

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CULTMATRIX..

CK 97/461 19/23  
SARS 9184/041/64/9  
VAT 4290220955

## QUOTATION

### HERITAGE SCOPING INVESTIGATION AND REPORT: PROPOSED DEVELOPMENT ON PORTION 11 OF THE FARM RIETFONTEIN 446 KR, NEAT BELA-BELA, LIMPOPO PROVINCE

SUBMITTED TO: Shelley Holt, Rock Environmental Consulting (by e-mail)  
SUBMITTED BY: CULTMATRIX CC  
DATE OF SUBMISSION: 17 August 2006

#### 1. BACKGROUND

The broader project for which our expertise is required entails a proposed residential development on a portion of the farm Rietfontein 446 KR near Bela-Bela.

No archaeological or historical assessment has yet been undertaken for this site.

The aim of the scoping investigation is to analyse heritage issues and how to manage them within the context of the proposed development.

The objectives are to assess heritage significance (involving site inspections and basic desktop and archival research), to identify the need for further detailed inputs by heritage specialists, to consult with local heritage groups and experts, to review the general compatibility of the development proposals with heritage policy and to assess the acceptability of the proposed development from a heritage perspective. The result of this investigation is a heritage scoping report.

Because the development site basically consists of a Waterberg environment, the presence of archaeological sites (Stone and Iron Age) and artefacts is anticipated, as well as the presence of graves (in particular unmarked graves of farm workers) and other evidence of 19<sup>th</sup> and 20<sup>th</sup> century habitation and use, in particular stone and brick farmsteads and possibly old military sites.

#### 2. LEGAL STATUS OF THE INVESTIGATION AND REPORT

The investigation and report basically entails a heritage scoping investigation that is aimed at guiding development proposals.

Heritage conservation and management in South Africa is governed by the *National Heritage Resources Act* (Act 25 of 1999) and falls under the overall jurisdiction of the *South African Heritage Resources Agency* (SAHRA) and its provincial offices and counterparts.

Section 38 of the *National Heritage Resources Act* (NHRA) requires a Heritage Impact Assessment (HIA), to be conducted by an independent heritage management consultant, for the following development categories:

- Construction of road, wall, power line, pipeline, canal or other linear form of development or barrier exceeding 300m in length
- Construction of bridge or similar structure exceeding 50m in length
- Development exceeding 5000 sq m
- Development involving three or more existing erven or subdivisions
- Development involving three or more erven or divisions that have been consolidated within past five years
- Rezoning of site exceeding 10 000 sq m
- Any other development category, public open space, squares, parks, recreation grounds



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- Any other development category, public open space, squares, parks, recreation grounds

In addition, the new EIA Regulations promulgated in terms of NEMA determine that any environmental reports will include cultural (heritage) issues.

The proposed heritage scoping will in essence be a scaled-down version of a full HIA, but will contain some of the elements of an HIA that are required by SAHRA, including identification and recording of sites and objects, assessment of their significance and measures aimed at conserving them. It will contain information normally required by SAHRA and in anticipation on any comments on the scoping report, in particular the following:

- Historic heritage sites
- Archaeological sites
- Intangible heritage aspects (sacred and other locally important sites)

The purpose of this report is to alert the developer, Rock Environmental, the Limpopo provincial environmental authorities and Limpopo SAHRA at the earliest possible stage about existing and potential heritage resources that may be affected by the proposed development, and to recommend mitigatory measures (including costing) aimed at reducing any negative impacts on these heritage resources. Such measures could include the relocation of burial sites and the recording of any significant heritage buildings and structures prior to demolition, in terms of Section 38 of the NHRA and also Section 34 of this act, which stipulates that the demolition of buildings and structures older than 60 years must be authorised by SAHRA. These mitigatory measures are normally a follow-up to the report and constitute a separate project.

The scoping report should be submitted to the Limpopo office of SAHRA after it has gone through the public review process. This office will then, based on this report, comment on the proposed development from a heritage conservation perspective.

The scoping report will also be made available for public review as part of the public participation process.

The next stage (depending upon the comments from SAHRA) could be a full heritage impact assessment that specifies mitigation and conservation measures. Such measures could include architectural design guidelines as part of the visual aspects of the proposed development and a Conservation Management Plan for preserved heritage sites. The HIA report will be submitted to SAHRA for authorising the proposed development through an EIA/POD. This stage will be a separate follow-up project.

#### 5. PROJECT TEAM MEMBERS AND TARIFFS

The assessment will be undertaken by:

- Dr R.C de Jong (Principal Member, Cultmatrix cc)
- Dr JA van Vuuren (professional anthropologist)
- Dr JA van Schalkwyk (professional archaeologist) (to be subcontracted as an associate if archaeological sites are identified)

The hourly tariffs (professional fees) are R350.

SAHRA normally requires the inputs by qualified archaeologists and conservation architects for scoping investigations involving land in rural areas.

#### 4. AVAILABILITY TO PERFORM THE WORK

It is hereby confirmed that the Project Team Members are available at more or less two weeks' notice.

#### 6. PROJECT BRIEF

Based on:

- Section 38 of the NHRA

We understand our client's project brief to be a heritage scoping investigation, comprising:

- Identification and recording of archaeological and historical objects, sites, buildings and structures (including graves);
- Identification and recording of intangible heritage aspects;
- Assessment of the heritage significance of these features;
- Inclusion and comments on heritage-related inputs from the public participation process to be undertaken by Rock Environmental Consulting;
- Recommendations for certain interventions aimed at either conserving or relocating such features or conserving their memory (through detailed recording) before demolition.

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## 6. ASSUMPTIONS AND LIMITATIONS

Cultmatrix cc assumes that:

- The site can be visited and inspected;
- The site is safe to visit;
- The residents and neighbours of the site are aware of the proposed development;
- The residents and neighbours can be asked for information concerning any heritage issues;
- The client will make available any other environmental reports that could contain useful information about heritage features in the development area.

## 7. RELEVANT EXPERIENCE CONCERNING THE PROJECT AREA AND TYPE OF PROJECT

Cultmatrix cc and its members and associates have more than nine years experience in heritage impact assessments with particular expertise. Cultmatrix has undertaken a few heritage assessments in the Limpopo Province to date.

## 8. METHODS

- Off-site perusal of published literature, databases, SAHRA files, archival material, historic aerial photos etc (research)
- Field surveys (two full days). RC de Jong will visit the site together with C van Vuuren and will then schedule a second site visit with JA van Schalkwyk to investigate any archaeological sites that have been identified.
- Compile and submit draft report to client in electronic and hard copy
- Compile and submit final report to client after receiving comments on draft report

## 9. DATE OF SUBMISSION OF THE FINAL REPORT

The estimated date of completion is three weeks after receiving confirmation of appointment.

## 10. COSTING

The below schedule is based on similar investigations and on the actual extent of the development area.

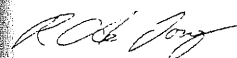
| PROFESSIONAL FEES                        |                   |            |                   |
|--|-------------------|------------|-------------------|
| Activities                               | Person            | Hours@R350 | Amount            |
| Desktop study (literature, archival etc) | RDJ               | 2          | 700,00            |
| Field surveys                            | RDJ, JAVS,<br>CVV | 20         | 7000,00           |
| Draft report compilation                 | RDJ, JAVS,<br>KAB | 10         | 3 500,00          |
| Final report compilation                 | RDJ               | 1          | 350,00            |
| <b>Subtotal (1)</b>                      |                   |            | <b>R11 550,00</b> |
| DISBURSEMENTS                            |                   |            |                   |
| Product/service                          |                   | Tariff     | Amount            |
| Travel: 2 trips of 260 km = 520 km       |                   | R2,50/km   | 1 300,00          |
| Report production                        |                   |            | 100,00            |
| <b>Subtotal (2)</b>                      |                   |            | <b>R1 400,00</b>  |
| <b>TOTAL (excluding VAT)</b>             |                   |            | <b>R12 950,00</b> |

- The client will be invoiced after the completion of the project.
- Payment by cheque or electronic transfer to CULTMATRIX bank account.

## 10. CONTRACTOR'S DETAILS

Dr R C de Jong, 129 Malherbe Street, Capital Park 0084  
Cell (082) 577-4741  
Fax (0866) 127383  
E-mail [cultmat@iafrica.com](mailto:cultmat@iafrica.com)  
Postal address: PO Box 12013, Queenswood 0121

Thank you for the opportunity to quote.



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Principal Member

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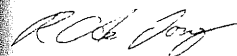
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