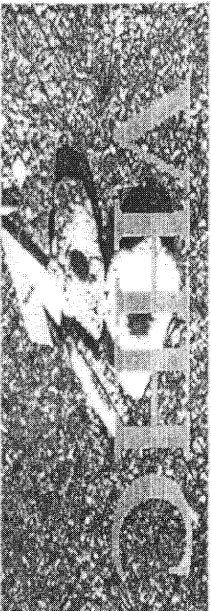


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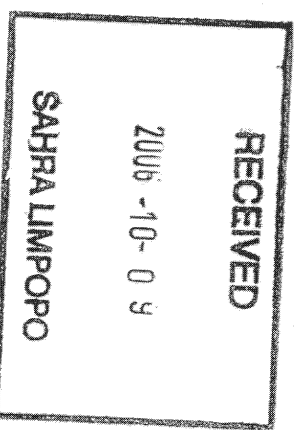
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PROPOSED TOWNSHIP ESTABLISHMENT AT PLOT 108 IVYDALE EXTENSION IN POLOKWANE: HERITAGE IMPACT ASSESSMENT STUDY



Report Prepared for:

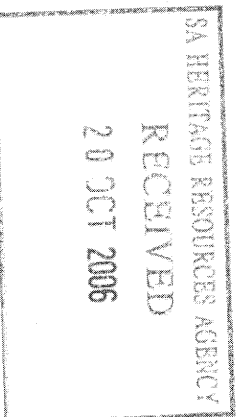
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**Survey Conducted and Report Prepared by Vhufha Hashu
Heritage Consultants**

04 October 2006



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1. INTRODUCTION

Khosa Development Specialists appointed Whufa Hashu Heritage Consultants to provide specialist study of assessing the cultural heritage resources that may be affected by the proposed township establishment at Plot 108 Iydale extension 1. The Project proposal constitutes an activity, which may potentially be harmful to heritage resources that may occur in the demarcated area. The National Heritage Resources Act (NHRA - Act No. 25 of 1999) protects all structures and features older than 60 years (section 34), archaeological sites and material (section 35) and graves and burial sites (section 36). In order to comply with the legislation, the Applicant requires information on the heritage resources, and their significance that occur in the demarcated area. This will enable the Applicant to take pro-active measures to limit the adverse effects that the development could have on such heritage resources. In terms of the National Heritage Resources Act (1999) the following is of relevance:

Historical remains

Section 34(1) No person may alter or demolish any structure or part of a structure, which is older than 60 years without a permit issued by the relevant provincial heritage resources authority.

Archaeological remains

Section 35(4) No person may, without a permit issued by the responsible heritage resources authority-

- (a) destroy, damage, excavate, alter, deface or otherwise disturb any archaeological or palaeontological site or any meteorite

Burial grounds and graves

Section 36 (3) (a) No person may, without a permit issued by SAHRA or a provincial heritage resources authority-

- (c) destroy, damage, alter, exhume, 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
- (b) 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 detection or recovery of metals.

Culture resource management

Section 38(1) Subject to the provisions of subsection (7), (8) and (9), any person who intends to undertake a development* ...

must at the very earliest stages of initiating such development notify the responsible heritage resources authority and furnish it with details regarding the location, nature and extent of the proposed development.

***‘development’** means any physical intervention, excavation, or action, other than those caused by natural forces, which may in the opinion of the heritage authority in any way result in a change to the nature, appearance or physical nature of a place, or influence its stability and future well-being, including-

(a) construction, alteration, demolition, removal or change of use of a place or a structure at a place;

(e) any change to the natural or existing condition or topography of land, and

(f) any removal or destruction of trees, or removal of vegetation or topsoil;

****‘place’** means a site, area or region, a building or other structure* ... ”

****‘structure’** means any building, works, device or other facility made by people and which is fixed to the ground ... ”

The aim of this Heritage Impact Assessment (HIA) Study was to determine the presence or not of heritage resources such as archaeological and historical sites and features, graves and places of religious and cultural significance, and to submit appropriate recommendations with regard to the cultural resources management measures that may be required at affected sites / features.

Project Developers and Consultants

Developers are encouraged to consider archaeological values in their project planning and design from the outset. This will minimize scheduling and budget difficulties at later stages. As Consultants in the archaeological assessment process, we are responsible for:

- Complying with all orders and permits issued under the *National Heritage Resources Act (1999)*.
- implementing assessment and impact management studies, and
- reporting the results of these studies to the Heritage Authorities.

2. TERMS OF REFERENCE

The Terms of Reference for the study were to:

- (I) Assess the significance of the known cultural resources within the borders of proposed development area, in terms of their historical, social, religious, aesthetic and scientific value.
- (II) Develop mitigation or control measures for impact minimization and cultural resources preservation
- (III) Develop procedures to be implemented if previously unidentified cultural resources are uncovered during the construction.

3. TERMINOLOGY

The following aspects have direct bearing on the survey and the resulting report:

- **Archaeological sites** are places where people lived and left evidence of their presence in the form of artifacts, food remains and other traces such as rock paintings or engravings, burials, fireplaces and structures.
- **Cultural Resources** are all non-physical human-made occurrences, as well as natural occurrences that are associated with human activity. These include all sites, structures and artifacts of importance, either individually or in groups, in the history, architecture and archaeology of human (cultural) development.
- **Cultural Significance** is the aesthetic, historical, scientific and social value for past, present and future generations.
- **Conservation** means all the processes of looking after a place so as to retain its cultural significance.
- **Historic** means significant in history.
- **Historical** means belonging to the past.
- **Place** means site, area, building or other work, group of buildings or other works, together with pertinent contents, surroundings and historical and archaeological deposits.
- **Preservation** means protecting and maintaining the fabric of a place in its existing state and retarding deterioration or change, and may include stabilization where-necessary.
- **Preservation** is appropriate where the existing state of the fabric itself constitutes evidence of specific cultural significance, or where insufficient evidence is available to allow other conservation processes to be carried out.

4. METHODOLOGY

The field study involved the survey and inspection of the proposed project site. The survey was conducted by walking in transects along the target linear areas affected as well as covering the surrounding area. The survey sought to identify archaeological and cultural heritage sites or sacred sites within the project area that may be affected by the proposed Township establishment project at plot 108 Lydale extension 1. Using GPS recording devices, we traversed the site on foot. Since some portions of the affected area are already heavily developed, the survey concentrated on identifying any

archaeological materials that may have been exposed or survived destruction from previous developments in the area.

5. DESCRIPTION OF THE SITE AND SURVEY FINDINGS

The area earmarked for township establishment is currently used for grazing and residential purposes (as seen in figure 1 and 2). The site is situated at the eastern side of a tarred road GPS S23°56'02.5" E29°26'26.1". We identified undecorated pottery remains within the area affected by the proposed development GPS S23°56'03.0 E29°26'29.1" (see figure 3).

6. EVALUATION

No further signs of heritage resources such as archaeological sites and historical remains were found that would be significantly impacted on by the development. However, due to the discovery of pottery fragments there is a probability of encountering chance finds during earth-moving and construction activities. From a heritage resources management point of view, we have no objection with regard to the development.

However, the discovery of previously undetected subsurface heritage remains on the site during construction must be reported to the South African Heritage Resources Agency (SAHRA) or the archaeologist, and may require further mitigation measures.

7. RECOMMENDED MANAGEMENT ACTIONS

No mitigation measures are recommended for this project

8. ILLUSTRATIONS

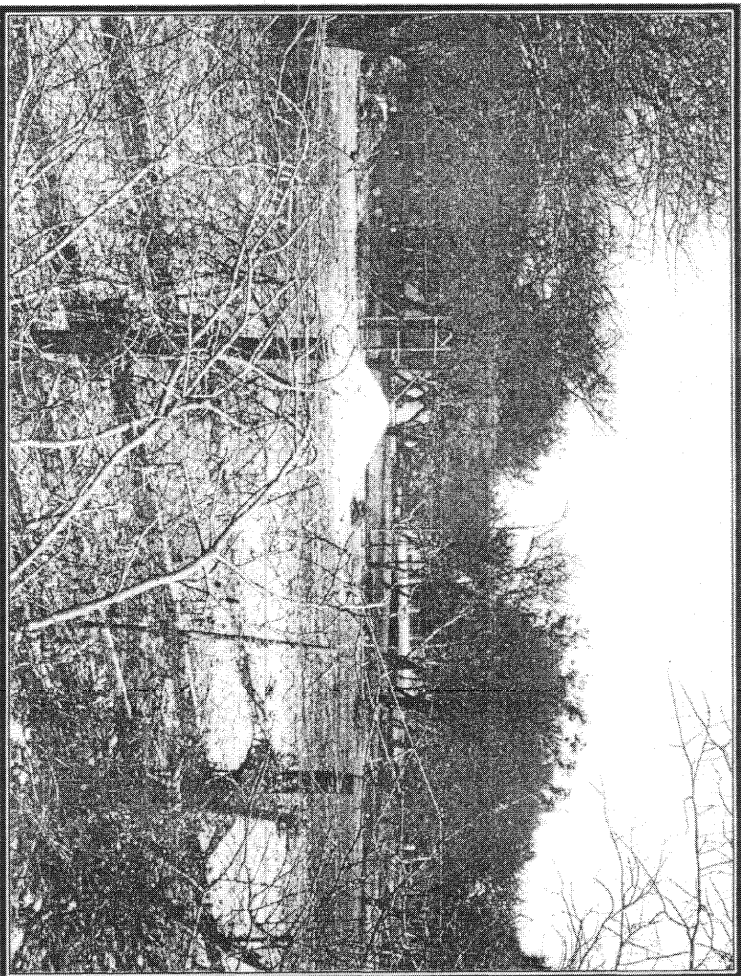


Figure 1: View of existing facilities within the project area.

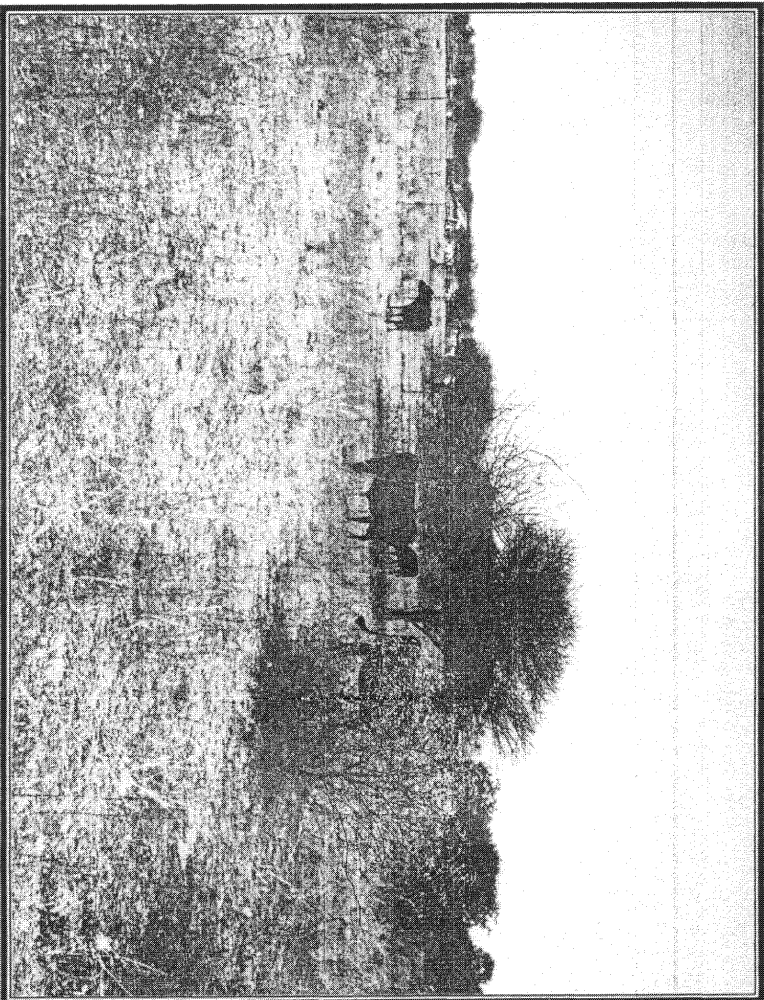


Figure 2: The area earmarked for the proposed township establishment is currently used for grazing.

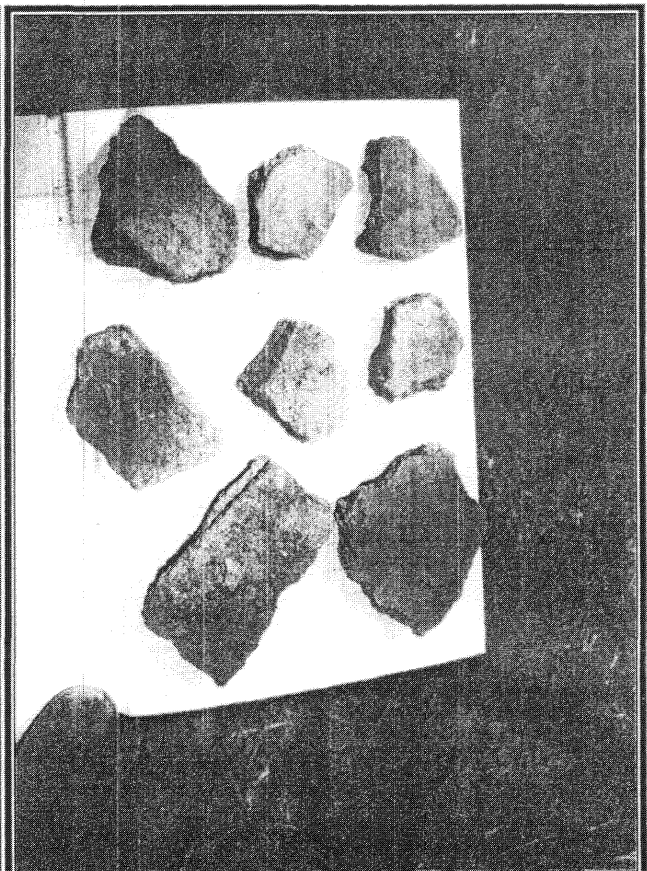


Figure 3: Shows undecorated pottery remains identified on site.

9. REFERENCES

- The National Heritage Resources Act (Act No 25 of 1999)

RICHARD R MUNYAI

It is herewith confirmed that the above is a reliable account of the status of the project.

FRANS ROODT (BA Hons, MA Archaeology, Post Grad. Dip. Museology, UP)
Principal Investigator.