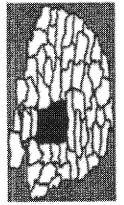


9 | 2 | 316 | 0006



# **COBUS DREYER**

**Pr. Archaeologist/Heritage Specialist**

**P.O. Box 12910  
Brandhof  
9324  
dreyerj@telkomsa.net**

**Tel: 051-444 1187  
Fax: 051-444 4395  
Cell: 083 357 7982**

6 FEBRUARY 2006

## **FIRST PHASE ARCHAEOLOGICAL AND CULTURAL HERITAGE ASSESSMENT OF THE PROPOSED RESIDENTIAL DEVELOPMENTS AT THE FARM DE BRUG 1020, WARDEN, FREE STATE**

### **EXECUTIVE SUMMARY**

The new proposed residential developments are planned on the farm De Brug 1020, adjacent to the existing Ezenzeleni Township in the district of Warden, Free State.

The area consists of a natural grassland surface cover.

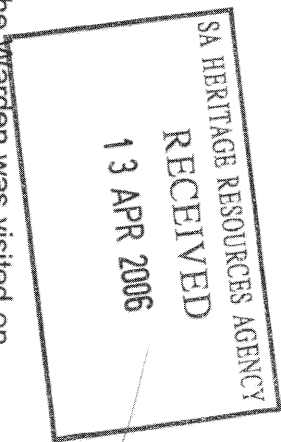
No archaeological or cultural remains were found in the proposed area of development and there is no reason why further development and planning of the site should not proceed.

### **INTRODUCTION AND DESCRIPTION**

#### **INVESTIGATION**

The site for the proposed residential developments at the Warden was visited on 15 December 2005.

The area was examined for possible archaeological and historical material and to establish the potential impact on any cultural material that might be found. The Heritage Impact Assessment (HIA) is done in terms of the National Heritage Resources Act (NHRA), (25 of 1999) and under the Environmental Conservation Act, (73 of 1989).



## LOCALITY

The proposed residential developments are planned on the farm De Brug 1020 adjacent to the existing township of Ezenzeleni near Warden (Map 3).

The land surface has a short grazed natural grass cover (Fig.5).

The proposed area of development is marked A – E on the enclosed map and lies to the north of the town (Map 2) (Surveyor-General 1973).

The following GPS coordinates (Cape scale) were taken (2728DD):

- A 27°50'32"S 028°58'43"E Altitude 1641m (Fig.8&9).
- B 27°50'19"S 028°59'02"E Altitude 1663 (Fig.5).
- C 27°50'03"S 028°59'03"E Altitude 1665m (Fig.4).
- D 27°50'03"S 028°58'51"E Altitude 1660m (Fig.3).
- E 27°50'22"S 028°58'53"E Altitude 1657m (Figs.6&7).

## RESULTS

No indication of any archaeological or historical material was found at the site or in its vicinity.

## IMPACT ASSESSMENT

The impact on the cultural heritage remains of the proposed residential developments at the Warden will be of no significance to the cultural and historical remains of the vicinity.

## RECOMMENDATIONS

No obvious reasons could be found to delay the commencement of further planning and development of the site and I recommend that the proposed residential developments at Warden should proceed.

## MITIGATION

Concerning the area for the proposed developments, no mitigation measures will be required.

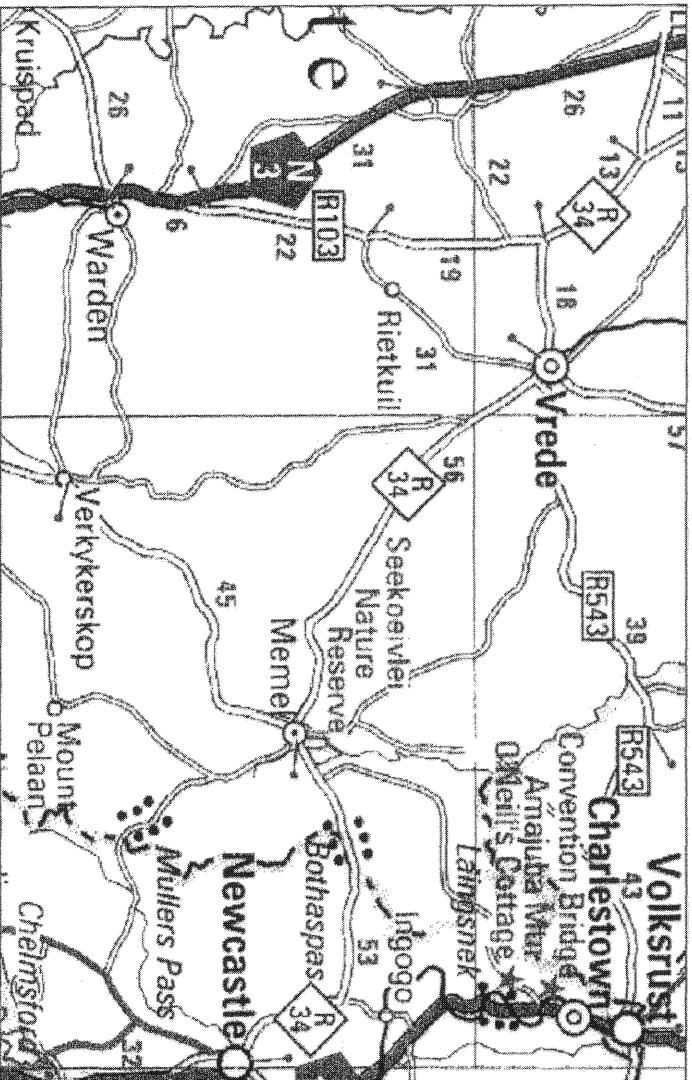
## ACKNOWLEDGEMENTS

I thank Celeste Slaughter of Bokamoso Environmental Consultants, Bloemfontein, for directing me to the site.

## SELECT BIBLIOGRAPHY:

- DEACON, J. 1992. Archaeology for Planners, Developers and Local Authorities. Cape Town: National Monuments Council.
- DREYER, J.J.B. 1992. The Iron Age Archaeology of Doornpoort, Winburg, Orange Free State. Navorsing van die Nasionale Museum, Bloemfontein, Vol.8(7):262-390.
- DREYER, J. 1996. Introduction to Free State Iron Age Archaeology. In: Guide to archaeological sites in the Free State and Lesotho. Southern African Association of Archaeologists (SAA3), 14th Biennial Conference, Bloemfontein, Post-conference tour 5-8 July 1996. Bloemfontein: National Museum.
- DREYER, J. 2000. Mountains and Rivers of the Free State - Manual for field research / Berge en Riviere van die Vrystaat – Handleiding vir veldnavorsing. Bloemfontein: University of the Free State, Department of Anthropology, Occasional Paper No. 2.
- HUMPHREYS, A.J.B. 1986. Searching for the past. Cape Town: David Philip.
- MAGGS, T.M. 1976. Iron Age Communities of the Southern Highveld. Pietermaritzburg: Natal Museum.
- PISTORIUS, J.C.C. 1994. Eskom Archaeological Site Identification Guide. Johannesburg: Eskom.
- SURVEYOR-GENERAL O.F.S. 1973. Index of Orange Free State Farms. Bloemfontein.

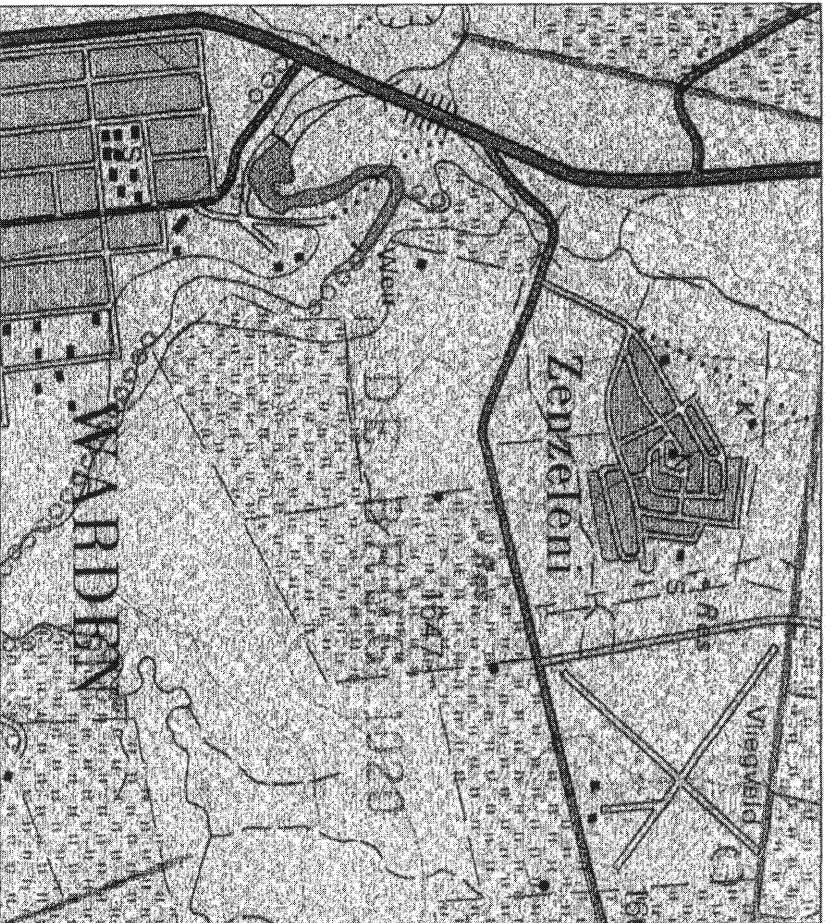
LIST OF ILLUSTRATIONS



Map 1 Locality of Warden in relation to Vrede, Memel, Newcastle and Volksrust.



Map 2 Locality of the proposed residential development marked A—E.



Map 3 Locality of the proposed development at Ezenzelehi, Warden (2728DD).

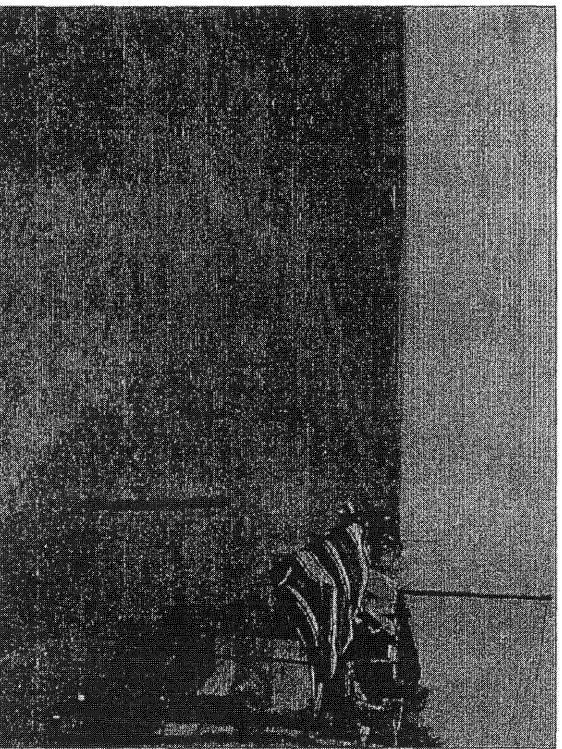


Fig. 1 View at point D facing east.

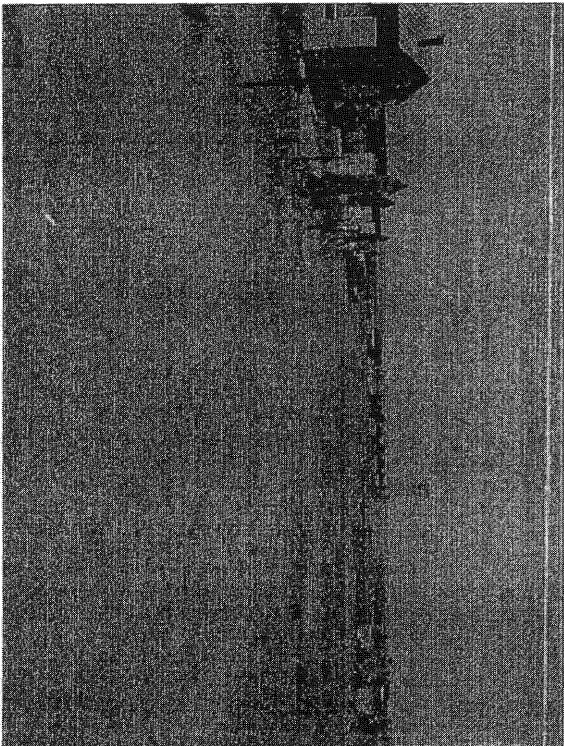


Fig 2 View at point D facing south (Map 2).

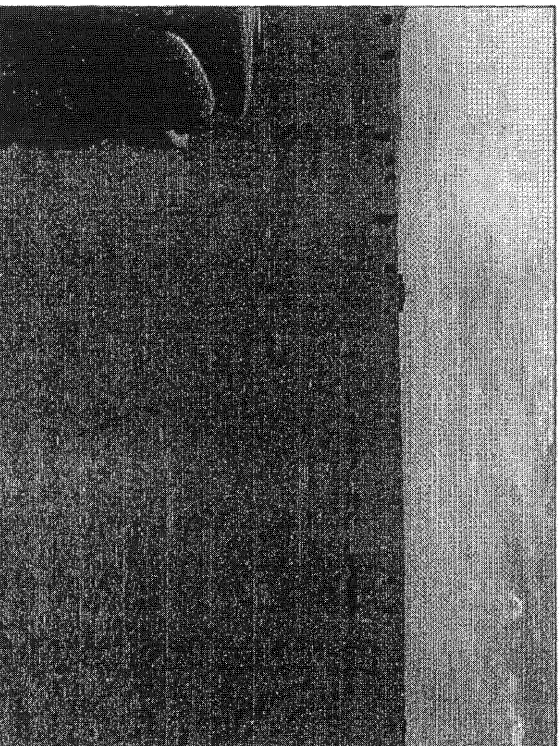


Fig.3 Facing east from point D. Air traffic navigation beacon is visible in the distance.

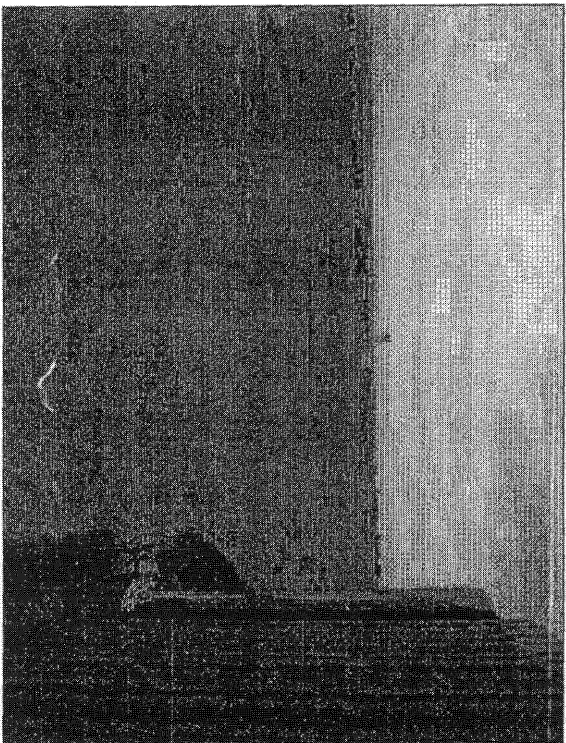


Fig. 4 View from VOR navigation beacon facing towards the township.

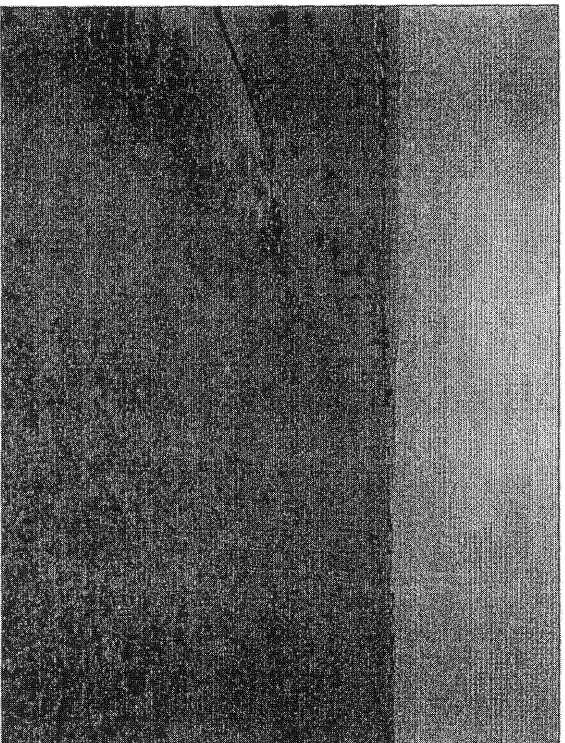


Fig. 5 General view across the area of development. Note the rainwater contour.

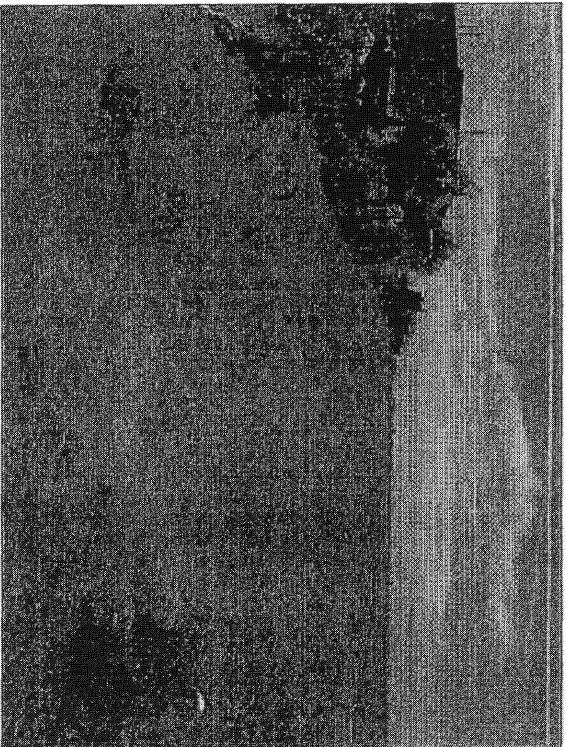


Fig 6 View from point E facing north (Map 2).

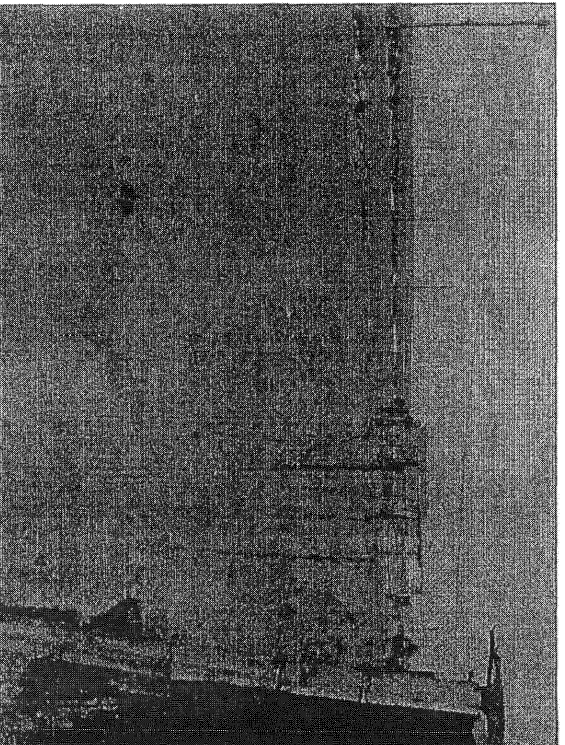


Fig. 7 View from E facing west.



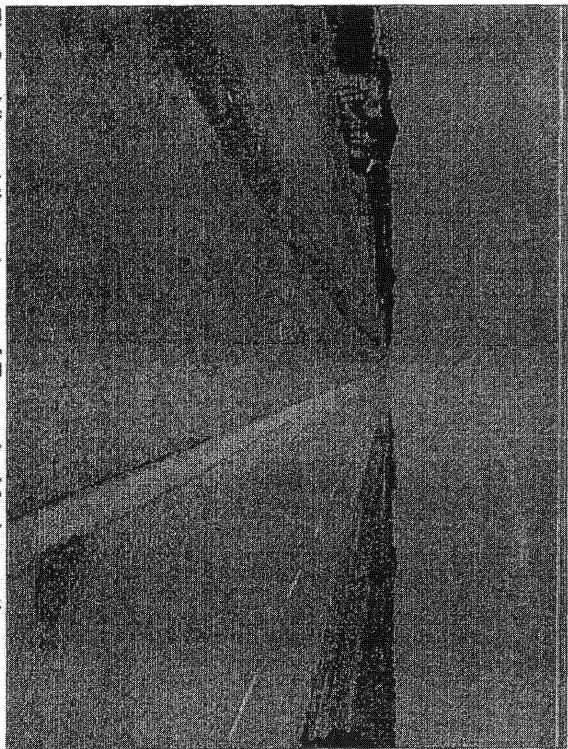


Fig.8 View at the entrance of Ezenzeleni facing north.

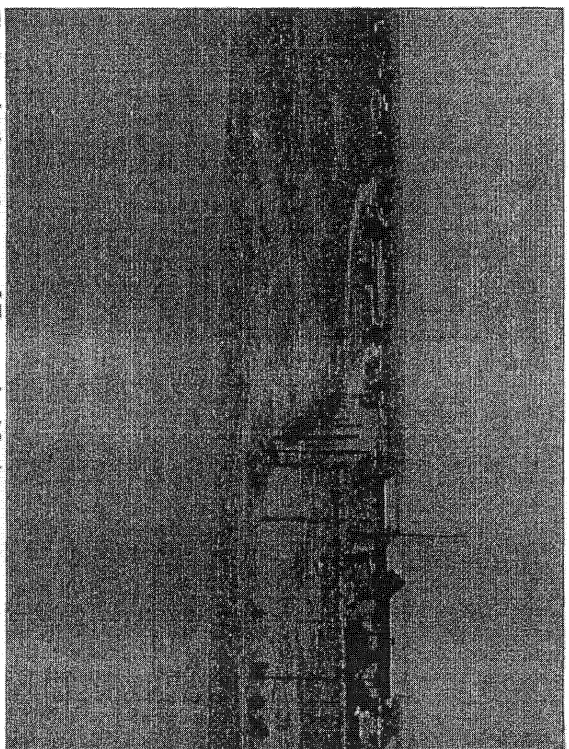


Fig.9 At the entrance of Ezenzeleni facing west.