

*Zweli*  
*Issue s. 38(8) ROD -*  
*no further studies required*  
*ly*  
*4.6.2008*

# Heritage Western Cape

## Notification of Intent to Develop

Section 38 of the National Heritage Resources Act (Act No. 25, 1999)

Section 38 of the National Heritage Resources Act requires that any person who intends to undertake certain categories of development in the Western Cape (see Part 1) must notify Heritage Western Cape at the very earliest stage of initiating such a development and must furnish details of the location, nature and extent of the proposed development.

This form is designed to assist the developer to provide the necessary information to enable Heritage Western Cape to decide whether a Heritage Impact Assessment will be required.

Note: This form is to be completed when the proposed development does not fulfil the criteria for EIA as set out in the EIA regulations. It may be completed as part of the EIA process to assist in establishing the requirements of Heritage Western Cape with respect to the EIA.

1. It is recommended that the form be completed by a professional familiar with heritage conservation issues.
2. The completion of Section 7 by heritage specialists is not mandatory, but is recommended in order to expedite decision-making at notification stage.
3. Section 7.1 must be completed by a professional archaeologist or palaeontologist.
4. Section 7.2 must be completed by a professional heritage practitioner with skills and experience appropriate to the nature of the property and the development proposals.
5. Should Section 7 be completed, each page of the form must be signed by the archaeologist/ palaeontologist and heritage practitioner
6. Additional information may be provided on separate sheets.
7. This form is available in electronic format so that it can be completed on computer.

FOR OFFICIAL USE



**PART 1: BASE INFORMATION**

<b>1.1 PROPERTY</b>	
Name of property	Heuningberg
Street address or location (e.g. off R44)	Nuwedrif Farm, between Moorreesburg and Porterville
Erf or farm number/s	Erf 00232 Portion of Avontuur
Town or District	Porterville
Responsible Local Authority	Malmesbury Municipality
Magisterial District	Porterville
Current use	Informal braai area on mountain top, otherwise vacant
Current zoning	Agriculture
Predominant land use of surrounding properties	Agriculture
Extent of the property	

<b>1.2 CATEGORY OF DEVELOPMENT (S. 38 (1))</b>	<b>X</b>	<i>Brief description of the nature and extent of the proposed development or activity (See also Part 3.1)</i>
1. Construction of a road, wall, powerline, pipeline, canal or other similar form of linear development or barrier over 300m in length		<p>Construction of a Vodacom Base Station and 2 km powerline</p> <p>There is an existing gravel track to the proposed site</p>
2. Construction of a bridge or similar structure exceeding 50 m in length		
3. Any development or activity that will change the character of a site–		
a) exceeding 5 000 m <sup>2</sup> in extent		
b) involving three or more existing erven or subdivisions thereof		
c) involving three or more erven or divisions thereof which have been consolidated within the past five years		
4. Rezoning of a site exceeding 10 000 m <sup>2</sup>		
5. Other (state)		

<b>1.3 INITIATION STAGE OF PROPOSED DEVELOPMENT</b>		
Exploratory (e.g. viability study)		<i>Notes:</i>
Conceptual		
Outline proposals	X	
Draft / Sketch plans		
Other (state)		

**PART 2: HERITAGE ISSUES**

<b>2.1 CONTEXT</b>		
<b>X</b>	<i>(check box of all relevant categories)</i>	<i>Brief description/explanation</i>
	Urban environmental context	The proposed site is situated within a rural agricultural context
X	Rural environmental context	
	Natural environmental context	
<b>Formal protection (NHRA)</b>		
	Is the property part of a protected area (S. 28)?	No
	Is the property part of a heritage area (S. 31)?	No
<b>Other</b>		
	Is the property near to or visible from any protected heritage sites?	No
	Is the property part of a conservation area or special area in terms of the Zoning Scheme?	No
	Does the site form part of a historical settlement or townscape?	No
	Does the site form part of a rural cultural landscape?	No
	Does the site form part of a natural landscape of cultural significance?	No
	Is the site within or adjacent to a scenic route?	No
	Is the property within or adjacent to any other area which has special environmental or heritage protection?	No
	Does the general context or any adjoining properties have cultural significance?	No

<b>2.2 PROPERTY FEATURES AND CHARACTERISTICS</b>		
<b>X</b>	<i>(check box if YES)</i>	<i>Brief description</i>
	Has the site been previously cultivated or developed?	No
	Are there any significant landscape features on the property?	No
	Are there any sites or features of geological significance on the property?	No
	Does the property have any rocky outcrops on it?	A few
	Does the property have any fresh water sources (springs, streams, rivers) on or alongside it?	No
	Does the property have any sea frontage?	No

	Does the property form part of a coastal dune system?	
	Are there any marine shell heaps or scatters on the property?	No
	Is the property or part thereof on land reclaimed from the sea?	No

### 2.3 HERITAGE RESOURCES<sup>ii</sup> ON THE PROPERTY

X	(check box if present on the property)	Name / List / Brief description
<b>Formal protections (NHRA)</b>		
	National heritage site (S. 27)	No
	Provincial heritage site (S. 27)	No
	Provisional protection (s.29)	No
	Place listed in heritage register (S. 30)	No
<b>General protections (NHRA)</b>		
	structures older than 60 years (S. 34)	No
	archaeological <sup>iii</sup> site or material (S. 35)	No
	palaeontological <sup>iv</sup> site or material (S. 35)	No
	graves or burial grounds (S. 36)	No
	public monuments or memorials <sup>v</sup> (S. 37)	No
<b>Other</b>		
	Any heritage resource identified in a heritage survey (state author and date of survey and survey grading/s)	No
	Any other heritage resources (describe)	No

### 2.4 PROPERTY HISTORY AND ASSOCIATIONS

X	(check box if YES)	Brief description/explanation
	Provide a brief history of the property (e.g. when granted, previous owners and uses).	
	Is the property associated with any important persons or groups?	No
	Is the property associated with any important events, activities or public memory?	No
	Does the property have any direct association with the history of slavery?	No
	Is the property associated with or used for living heritage <sup>vi</sup> ?	No
	Are there any oral traditions attached to the property?	No

## 2.6 SUMMARY OF CULTURAL SIGNIFICANCE OF THE PROPERTY (OR ANY PART OF THE PROPERTY) (S. 3(3))

X	(check box of all relevant categories)	Brief description/explanation
	Important in the community or <b>pattern of South Africa's (or Western Cape's) history.</b>	No
	Associated with the life or work of a <b>person, group or organisation</b> of importance in history.	No
	Associated with the history of <b>slavery.</b>	No
	Strong or special association with a particular community or cultural group for <b>social, cultural or spiritual</b> reasons	No
	Exhibits particular <b>aesthetic</b> characteristics valued by a community or cultural group	No
	Demonstrates a high degree of <b>creative or technical achievement</b> at a particular period	No
	Has <b>potential to yield information</b> that will contribute to an understanding of natural or cultural heritage	No
	<b>Typical:</b> Demonstrates the principal characteristics of a particular class of natural or cultural places	No
	<b>Rare:</b> Possesses uncommon, rare or endangered aspects of natural or cultural heritage	No
Please provide a brief <b>statement of significance</b>		
The property does not embody or cultural or historical significance		

### PART 3: POTENTIAL IMPACT OF DEVELOPMENT

3.1 PROPOSED DEVELOPMENT	
Brief description of proposed development.	35 m high cellular communication tower and 2 km powerline
Monetary value.	
Anticipated starting date.	
Anticipated duration of work.	
Does it involve change in land use?	
Extent of land coverage of the proposed development.	Yes – an application for consent use is required from the Malmesbury Municipality in order for the proposed activity to proceed
Does it require the provision of additional services? (e.g. roads, sewerage, water, electricity)	25 m <sup>2</sup> for base station, and 2 km powerline.
Does it involve excavation or earth moving?	No, existing access roads will be used. Yes, electricity
Does it involve landscaping?	Limited

Does it involve construction work?	Limited
What is the total floor area?	About 25 m <sup>2</sup>
How many storeys including parking?	35 m high tower mast
What is the maximum height above natural ground level?	N/A
<b>3.2 POTENTIAL IMPACT</b>	
What impact will the proposed development have on the heritage values of the context of the property? (e.g. visibility, change in character)	The affected site is a considerable distance from any road, or scenic route, so the impact should be minimal.
Are any heritage resources listed in Part 2 affected by the proposed development? If so, how?	No
Please summarise any public/social benefits of the proposed development.	
The proposed project will provide greater cellular phone coverage that is currently available	

#### PART 4: POLICY, PLANNING AND LEGAL CONTEXT

X	(check box if YES)	Details/explanation
	Does the proposed development conform with regional and local planning policies? (e.g. SDF, Sectoral Plans)	LUPA application will be launched once environmental authorisation has been issued
	Does the development require any departures or consent use in terms of the Zoning Scheme?	Yes
	Has an application been submitted to the planning authority?	Pending
	Has their comment or approval been obtained? (attach copy)	No
	Is planning permission required for any subdivision or consolidation?	No – although consent to conduct the proposed activities will be required
	Has an application been submitted to the planning authority?	Not yet
	Has their comment or approval been obtained? (attach copy)	Not yet
	Are there title deed restrictions linked to the property?	No
	Does the property have any special conservation status?	No
	Are there any other restrictions on the property?	No
	Is the proposed development subject to the EIA regulations of the Environment Conservation Act (Act 73 of 1989)?	Subject to NEMA
	Has an application (or environmental checklist) been submitted to DECAS? What are the requirements of DECAS?	Will be submitted once comment from HWC has been obtained
	At what stage in the IEM process is the application (scoping phase, EIA etc.)	Basic Assessment Report



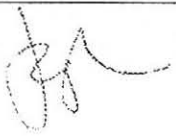
	Has any assessment of the heritage impact of the proposed development been undertaken in terms of the EIA or planning process?	Yes
	Are any such studies currently being undertaken?	Yes
	Is approval from any other authority required?	Dept. of Agriculture, DEADP
	Has permission for similar development on this site been refused by any authority in the past?	No
	Have interested and affected bodies have been consulted? Please list them and attach any responses.	Yes

**PART 5: APPLICANT DETAILS**

REGISTERED PROPERTY OWNER		
Name	Mouton Vennote – Att: Mr Paul Mouton	
Address	PO Box 14 Porterville 6810	
Telephone	(022) 931 2906	
Fax	(022) 931 2906	
E-mail	<a href="mailto:paulmouton@absamail.co.za">paulmouton@absamail.co.za</a>	
Signature		Date

DEVELOPER		
Name	Vodacom SA Western Region – Mr Chris Barnes	
Address	PO Box 7243 Roggebaai, 8012	
Telephone	(021) 529 5160	
Fax	(021) 529 5166	
E-mail	<a href="mailto:barnes@vodacom.co.za">barnes@vodacom.co.za</a>	
Signature		Date

PERSON RESPONSIBLE FOR COMPLETING THE FORM		
Name	Jonathan Kaplan – Agency for Cultural Resource Management	
Address	PO Box 159 Riebeeck West 7306	
Telephone	(022) 461 2755	
Fax	(021) 461 2755	
E-mail	<a href="mailto:acrm@wcaccess.co.za">acrm@wcaccess.co.za</a>	

Field of expertise & qualifications	Stone Age; MA (1989) Archaeology, University of Cape Town		
Signature		Date	29 May, 2008

**PART 6: ATTACHMENTS**

√	Plan, aerial photo and/or orthophoto clearly showing location and context of property.
	Site plan or aerial photograph clearly indicating the position of all heritage resources and features.
√	Photographs of the site, showing its characteristics and heritage resources.
	Relevant sketch proposals, development plans, architectural and engineering drawings and landscaping plans.
	Responses from other authorities.
	Responses from any interested and affected parties.
√	Any archaeological reports or other reports that may have been carried out on the property or properties within the immediate area.
	Any other pertinent information to assist with decision-making.

**PART 7. RECOMMENDATIONS BY HERITAGE SPECIALISTS**

It is recommended that this section be completed in order to expedite the approval process.

**7.1 RECOMMENDATIONS OF ARCHAEOLOGIST/PALAEONTOLOGIST**

<i>Further investigation required</i>	<i>Yes/No</i>	<i>Describe issues and concerns</i>
Palaeontology	No	
Pre-colonial archaeology	No	
Historical archaeology	No	
Industrial archaeology	No	
No further archaeological or palaeontological investigation	No	
Other recommendations (use additional pages if necessary)		

I have reviewed the property and the proposed development and this completed form and make the recommendations above.

Name of Archaeologist/Palaeontologist . Jonathan Kaplan


Qualifications, field of expertise. MA (1989) Archaeology, University of Cape Town; Stone Age



Signature.

Date 29 May, 2008.



7.2 RECOMMENDATIONS OF GENERALIST HERITAGE PRACTITIONER		
<i>Further investigation required</i>	<i>Yes/No</i>	<i>Describe issues and concerns</i>
Existing Conservation and Planning Documentation	No	
Planning	No	
Urban Design	No	
Built Environment	No	
Architecture	No	
Cultural Landscape	No	
Visual Impact	No	
History	No	
Archival	No	
Title Deeds Survey	No	
Published Information	No	
Oral History	No	
Social History	No	
Other specialist study (specify)		
S Public Consultation		
Specialist Groups		
Neighbours	Yes	Farmers and surrounding landowners
Open House		
Public Meeting		
Public Advertisement	Yes	
Other		
No further specialist conservation studies required	No	
Heritage Impact Assessment required, to be co-ordinated by a generalist heritage practitioner	No	
Other recommendations (use additional pages if necessary)		
<p>I have reviewed the property and the proposed development and this completed form and make the recommendations above.</p> <p>Name of Heritage Practitioner . Jonathan Kaplan</p> <p>Qualifications, field of expertise ...MA (1989) Archaeology, University of Cape Town; Stone Age</p>		
<p>Signature.  Date...26 May, 2008.</p>		

# Agency for Cultural Resource Management

Specialists in Archaeological Studies and Heritage Resource Management

PO Box 159 Riebeeck West 7306 Phone/Fax 022-461 2755

E-mail: [acrm@wcaccess.co.za](mailto:acrm@wcaccess.co.za) Cellular: 082 321 0172

29 May, 2008

**Att:** Mr Bernard de Wit  
EnviroAfrica  
P. O. Box 5367  
Helderberg 7135

Dear Mr de Wit

## **ARCHAEOLOGICAL IMPACT ASSESSMENT PROPOSED VODACOM BASE STATION AND CONNECTING POWERLINE HEUNINGBERG (NUWEDRIF FARM) MALMESBURY**

### **1. Introduction and brief**

EnviroAfrica, on behalf of Vodacom requested that the Agency for Cultural Resource Management conduct an Archaeological Impact Assessment for a proposed cellular communication base station and connecting powerline on the farm Nuwedrif (Erf 00232 Portion of Avontuur) between Moorreesburg and Porterville, in the Western Cape Province (Figure 1).

The aim of the study is to locate and map archaeological heritage sites and remains that may be negatively impacted by the planning, construction and implementation of the proposed project, to assess the significance of the potential impacts and to propose measures to mitigate against the impacts.

A Notification of Intent to develop (NID) checklist has been completed by the archaeologist and submitted to Heritage Western Cape (Belcom) for comment.

### **2. Terms of reference**

The Terms of Reference for the archaeological assessment were to:

- Identify and map any heritage resources on the proposed site and in the proposed powerline route;
- Determine the importance of heritage resources on the proposed site and along the proposed powerline route;
- Determine and assess the potential impacts of the proposed project on the heritage resources, and



- Recommend mitigation measures to minimise impacts associated with the proposed project.

### **3. The study site**

Heuningberg is a large, isolated, but prominent 'mountain' alongside the Berg River situated between Moorreesburg and Porterville (Figure 2). Access to the site is via the R44 between Gouda and Porterville. The proposed footprint for the base station has already been partially disturbed (trampled and grazed) and the receiving environment comprises bush and scrub and a small outcropping of sandstone (Figure 3).

The proposed powerline route is about 2 km long and will run from the Heuningberg, down a very steep rocky kloof, before connecting with an existing 22 Kv powerline and alongside a farm road on the Farm Nuwedrif (Figure 4).

### **4. Approach to the study**

The proposed base station site and a section of the proposed powerline route were searched for archaeological remains.

The site visit and assessment took place on 22<sup>nd</sup> April, 2008.

### **5. Findings**

No archaeological remains were documented on the proposed base station site, or in the proposed powerline route.

### **6. Impact statement**

The impact of the proposed project on important pre-colonial archaeological remains is likely to be **low**.

### **7. Recommendations**

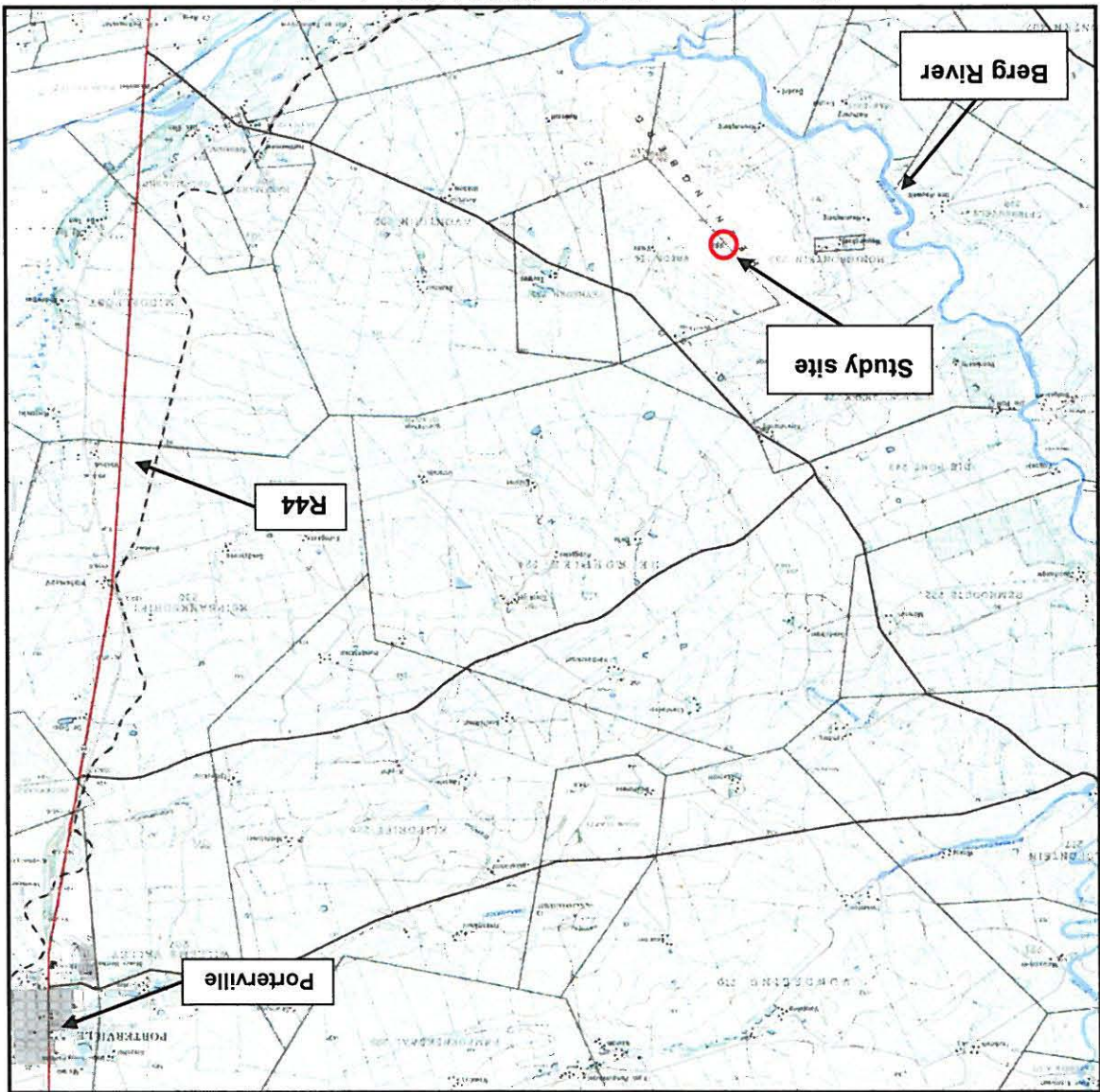
The Archaeological Impact Assessment of the proposed Heuningberg communication base station and connecting powerline, on the Farm Nuwedrif near Porterville has identified no significant impacts to pre-colonial archaeological material that will need to be mitigated, prior to proposed development activities.

Yours sincerely



Jonathan Kaplan

Figure 1. Locality Map (3318 BB Porterville)







**Figure 2. Aerial photograph of the proposed site**



**Figure 3. Proposed base station site view facing north**



**Figure 4. Proposed powerline route view facing east toward the Winterhoek**