



# AFRICAN HERITAGE CONSULTANTS CC

2001/077745/23

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**25 July 2008**

## **CULTURAL HERITAGE RESOURCES IMPACT ASSESSMENT OF PORTION 151 OF LICHTENBURG TOWN AND TOWNLANDS 27 IP (LICHTENBURG EXTENSION 10) NORTH WEST PROVINCE**

### **1. DEFINITION**

The broad generic term *Cultural Heritage Resources* refers to any physical and spiritual property associated with past and present human use or occupation of the environment, cultural activities and history. The term includes sites, structures, places, natural features and material of palaeontological, archaeological, historical, aesthetic, scientific, architectural, religious, symbolic or traditional importance to specific individuals or groups, traditional systems of cultural practice, belief or social interaction.

### **2. PROTECTED SITES IN TERMS OF THE NATIONAL HERITAGE ACT, Act. NO. 25 OF 1999**

The following are the most important sites and objects protected by the National Heritage Act:

- a. Structures or parts of structures older than 60 years
- b. Archaeological sites and objects
- c. Palaeontological sites
- d. Meteorites
- e. Ship wrecks
- f. Burial grounds
- g. Graves of victims of conflict
- h. Public monuments and memorials

- i. Structures, places and objects protected through the publication of notices in the Gazette and Provincial Gazette
- j. Any other places or object which are considered to be of interest or of historical or cultural significance
- k. Geological sites of scientific or cultural importance
- l. Sites of significance relating to the history of slavery in South Africa
- m. Objects to which oral traditions are attached
- n. Sites of cultural significance or other value to a community or pattern of South African history

### **3. METHODOLOGY**

All relevant maps and documents on the site were studied. The site was visited and evaluated. A road gave access to the highest portion of the property on the central eastern side. Inspection on foot of possible sites was done. Some views were photographed.

### **4. RESULTS**

The proposed development area lies along a small river flood plain area. The larger portion of the development area lies in the 1:100 years flood line and will be used as a recreational area for owners in the new development.

From a heritage background this area is very interesting as it is part of the peat deposits of Lichtenburg. The peat deposit was always burning during the dry winter months. As early as 1910 the local Health Community appointed a Mr. Joseph Daubt to dig a deep trench around the burning peat deposits to try and prevent the fires and smoke. The peat that was dug out for the trench eventually burned out while being exposed on the surface. A Mr. Soppie Daubt one day put some of this dried peat on his cooking fire and saw that it burnt very well. In this way people discovered that peat was a good alternative to fire wood.

Inhabitants of the town started collecting peat. It was dug out by spade and cut into slices for drying. The peat became an economic viable fuel and was sold for ten shillings per wagonload.

The town council also saw the potential for income generation and started issuing permits for peat extraction. Originally a permit for a wagonload of peat costs twenty five pennies. For nearly four decades peat became the main source for fuel in Lichtenburg. Its use eventually fell in disuse because of the introduction of electricity and other sources of fuel (Bosman A.D. 1986: 114 – 4).

The peat deposits though not used any more still created problems of smoke as they would smoulder. Lichtenburg was under a constant blanket of smoke. Eventually the City Council decided to build a series of dams on top of the peat deposits to stop the peat from burning. Today the peat deposits are buried underneath dams and a layer of topsoil.

The proposed development area lies on the rim of these old peat deposits (see map 1). The green area on the map was later planted with trees which will be retained in the development (see photograph 1). The only heritage resources on the site are the remains of a water furrow and the old road from Koster). The water furrow is hardly recognizable as it has been filled up S26° 08' 42.1" and E26° 10' 13.2" (see photograph 2). The old road from Koster can still be seen (see photograph 3) on the eastern side. It starts at S26° 08' 53.6" and E26° 10' 22.4" and on the western side ends at S26° 08' 55.0" and E26° 10' 10.8" (see map 2).

## **5. IMPORTANCE OF CULTURAL HERITAGE RESOURCES RECORDED**

The remains of the old Koster Road and the water furrow are of very little importance .

## **6. CONCLUSION**

The proposed development area forms part of the peat deposits of Lichtenburg which have an interesting history. These peat deposits are now buried under dams and topsoil and are not visible any more. The old Koster road and remains of a water furrow are of little historic value.

## **7. RECOMMENDATION**

There is no objection to the proposed development from a cultural heritage resources point of view.

If during construction any cultural heritage resources or graves are unearthed all work has to be stopped until the site has been inspected and mitigated by a cultural heritage practitioner.

## **8. SITE INFORMATION**

<b>Owners contact details:</b>	
<b>Port Wild Props 27 (Pty) Ltd</b>	
<b>PO Box 10088</b>	
<b>Lichtenburg</b>	
<b>2745</b>	<b>Tel/ Fax: 018 632 0340</b>
<b>Developers contact details:</b>	
<b>Same as above</b>	
<b>Consultants contact details:</b>	
<b>Project Manager: Lockeport Projects (Pty) Ltd</b>	
<b>PO Box 10088</b>	
<b>Lichtenburg</b>	<b>Tel/ Fax: 018 632 0340</b>
<b>2545</b>	<b>E-mail: lockeport@lantic.net</b>

<p><b>Type of development (e.g. low cost housing project, mining etc.)</b></p> <p><b>Medium income housing project, consisting of 53 Residential 1 stands,5 business stands, 1 Residential 2 stand and open space area.</b></p>
<p><b>Whether rezoning and/or subdivision of land is involved:</b></p> <p><b>Township establishment procedure is required.</b></p>
<p><b>Full location of Province, Magisterial District/Local Authority, property (e.g. farm, erf name and number:</b></p> <p><b>Portion 151 (a portion of the Remaining extent of Portion 1) of Lichtenburg Town and Townlands 27-IP (between Le Roux Road on the western border and Beyers Naudè Drive on the eastern border, Bantjes Street in the north and Gerrit Maritz Street in the south.)</b></p>
<p><b>Location map must have the polygon of the area to be surveyed on it and full geographical coordinates for all relevant points and where applicable indication of the area to be developed (footprint):</b></p> <p><b>See page 8.</b></p>
<p><b>If possible an aerial photograph of the specific area showing the location of all site.</b></p> <p><b>See page 6</b></p>

## **9. REFERENCES**

- Map 1/50 000
- Archaeological database of the National Cultural History Museum, Pretoria
- Bosman A.D. 1986, Lichtenburg 1865 1985
- Retief D.2006, Lichtenburg is hul saailand – Geskiedkundige oorsig 1860 - 2005

## **10. PHOTOGRAPHS**

See page 5

## **11. MAP**

See pages 6 - 8



**No. 1 Trees planted on top of the old peat deposits**



**No. 2 Remains of an old water furrow**



**No. 3 Remains of the old road to Koster**





**LICHTENBURG EXT 10**

PLANNED ON PORTION 151 OF LICHTENBURG TRAIL AND TOWNSHIP 27 - 30 NORTH WEST QUARTER SECTION 36, RANGE 10 NORTH, TOWNSHIP 27 NORTH, RANGE 10 NORTH, COUNTY OF SHERBORN, ALBERTA. CENTRAL ESTIMATE MUNICIPALITY

**LOCALITY**

**LEGEND**

ZONING/LAND USE	NOTICE/DRAWING SIZE	AMOUNT
RESIDENTIAL 1	1/4"=1'-0"	23
RESIDENTIAL 2	1/4"=1'-0"	1
RESOURCES 1	1/4"=1'-0"	6
PUBLIC OPEN SPACE	1/4"=1'-0"	1
30M STREET		
15M STREET		
7.5M STREET		

**TOTAL**

60	100
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**DRAWING NOTES**

SCALE 1:50000

DESIGN M. KUCHENHOF

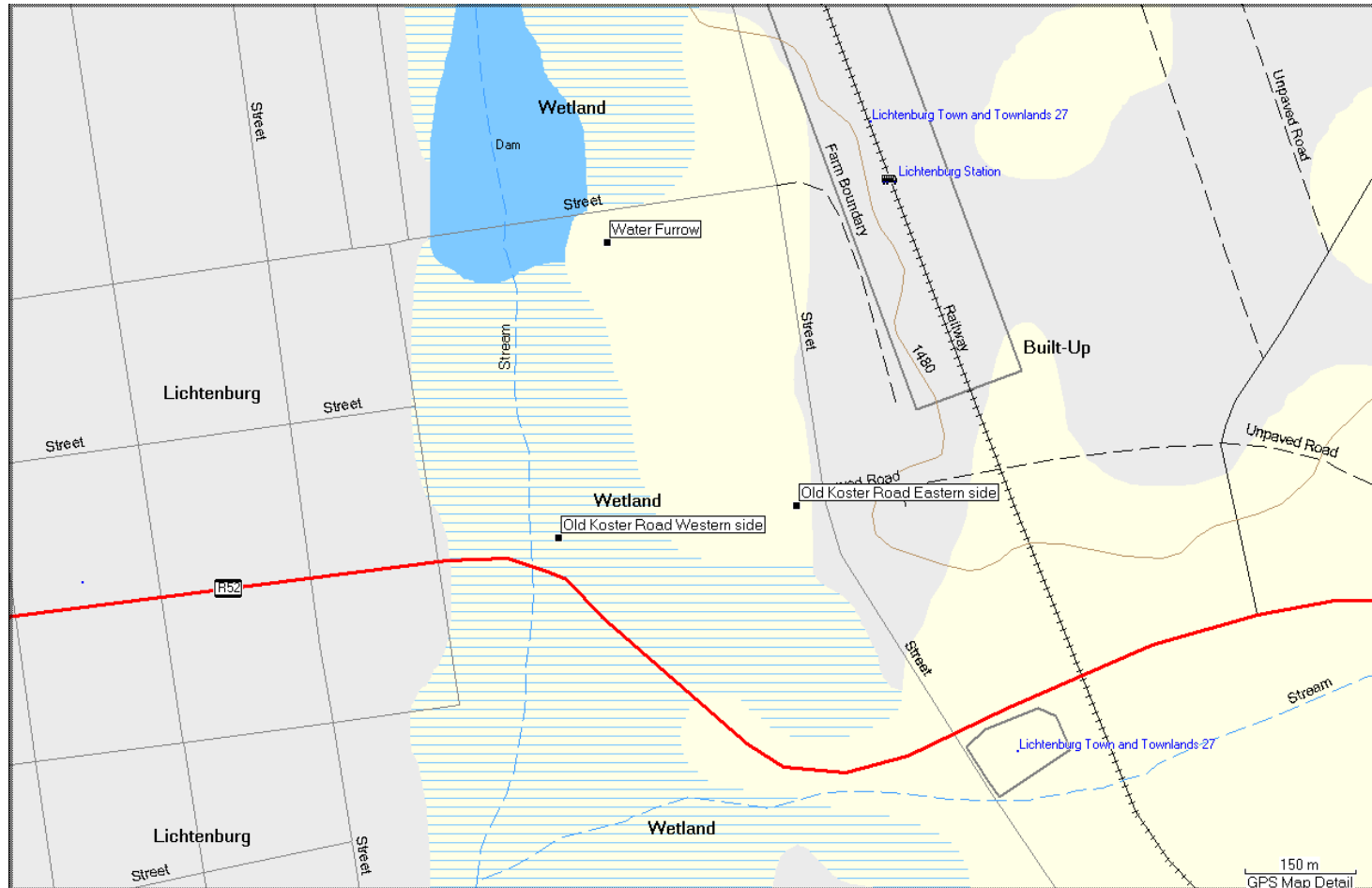
DATE 11 JULY 2007

**GENERAL NOTES**

**LEGISLATIVE SERVICES INC.**

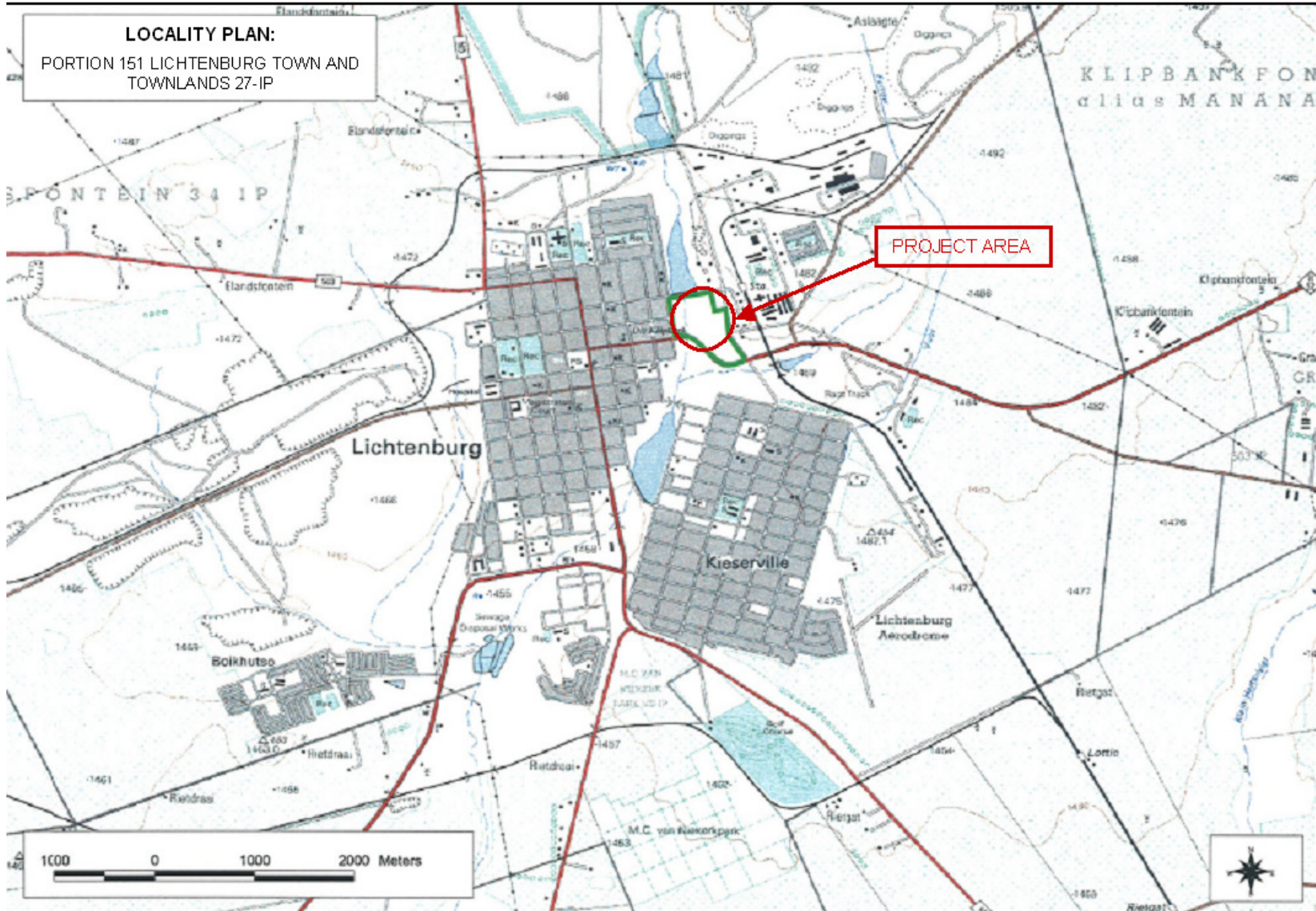
14 CHURCH STREET, WILLOWBURG  
 LICHTENBURG, S7A0  
 TEL: 780-516-5322 FAX: 780-516-5322  
 WWW.LEGISLATIVE-SERVICES.COM

MAP 1



MAP 2









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Department of Agriculture Conservation and Environment  
Private Bag X2039  
MMABATHO  
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I Dr. Udo Siegwalt Küsel of African Heritage Consultants CC confirm that I acted as Independent Consultant in the preparation of the Cultural Heritage Resources Impact Assessment for the above mentioned project.

Signed at Pretoria on the 25 July 2008

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Dr. U.S. Küsel  
Director