

# Agency for Cultural Resource Management

Specialists in Archaeological Studies and Heritage Resource Management

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13 March, 2009

**Att:** Mr Jerry Avis  
EnviroAfrica  
PO Box 5367  
Helderberg 7135

Dear Mr Avis,

## **ARCHAEOLOGICAL IMPACT ASSESSMENT PROPOSED KLAPMUTS SUBSTATION, KLAPMUTS WESTERN CAPE PROVINCE**

The Agency for Cultural Resource Management has been requested by EnviroAfrica, on behalf of Eskom Holdings, to undertake an archaeological impact assessment of a proposed new 132/11 Kv substation on Farm 736 at Klapmuts, in the Paarl District (Drakenstein Municipality) of the Western Cape Province (Figure 1).

Klapmuts has been identified as a special growth node in the Western Cape, with a number of new residential and commercial developments planned in the area. The current electricity supply will be unable to meet the future load requirements of the area; hence the need for a new substation.

The affected property is currently zoned 'Agricultural' and will be rezoned to 'Authority Use' to provide for the proposed activities.

The extent of the proposed development is about 9176 m<sup>2</sup>.

A Notice 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 archaeological sites on the proposed site;
- Determine the importance of archaeological sites on the proposed site;
- Determine and assess the potential impacts of the proposed project on the archaeological heritage remains, and
- Recommend mitigation measures to minimise impacts associated with the proposed project

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

The town of Klapmuts is situated in the Paarl District of the Western Cape, about 15 kms north east of Stellenbosch, and about 13 kms south west of Paarl. Access to the town is via the R44.

An aerial photograph of the proposed site is illustrated in Figure 2.

The proposed substation site (S 33° 48 21.0 E 18° 51 40.9 on map datum wgs 84) is situated at the intersection of the R101 (Old Paarl Road) and Groenfontein Road, heading out (i.e. west) of the town. The triangular-shaped piece of property is infested with alien vegetation (Port Jackson) which has recently been burnt. There is a large open patch of land in the central portion of the property, characterised by loose sandy soils. Several informal access roads intersect the site. Dumping of domestic waste, bottles and building material is widespread. There is much burnt leaf litter covering the ground. Extensive dune mole rat burrowing also occurs. There are no significant landscape features on the proposed site, which is level (Figures 3-6). The surrounding land use comprises agriculture, vacant land and commercial (Klapmuts town).

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

The proposed substation site was searched archaeological remains.

The site visit and assessment took place on 27<sup>th</sup> February, 2009.

### **5. Findings**

No archaeological remains were found on the proposed site.

### **6. Impact statement**

The impact of the proposed project on archaeological heritage remains is likely to be **low**.

### **7. Recommendations**

The archaeological impact assessment of the proposed construction of the Klapmuts substation in Klapmuts has identified no significant impacts to pre-colonial archaeological material that will need to be mitigated, prior to proposed development activities.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Jonathan Kaplan', written in a cursive style.

Jonathan Kaplan

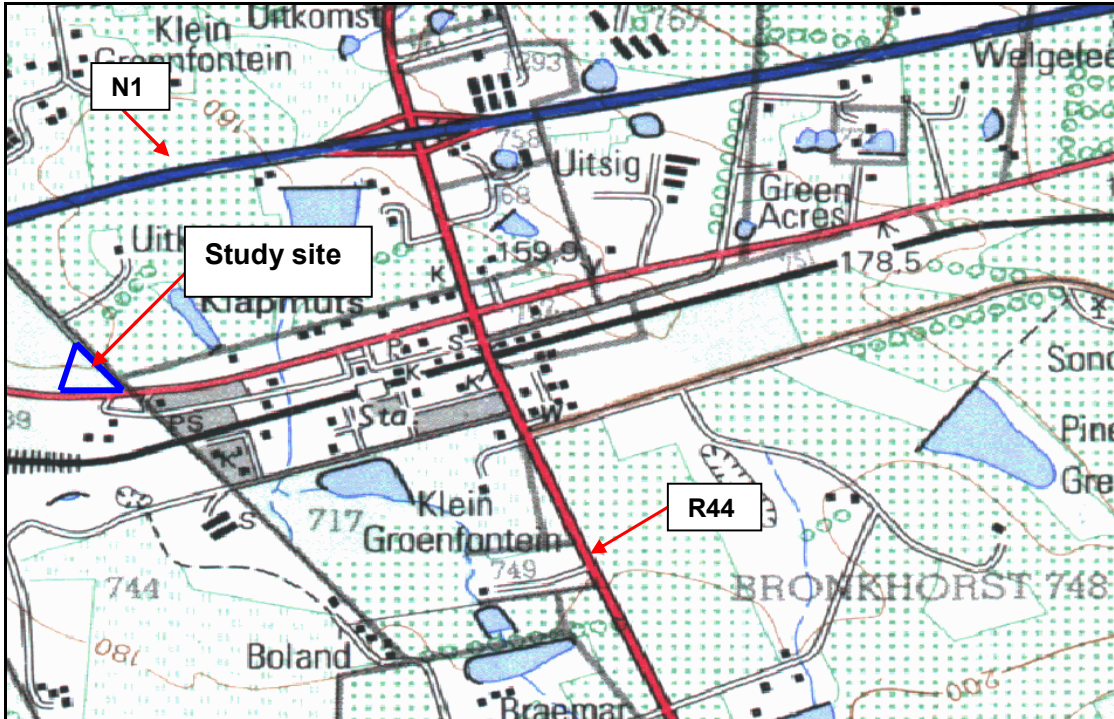


Figure 1. Locality Map (3318DD Stellenbosch)

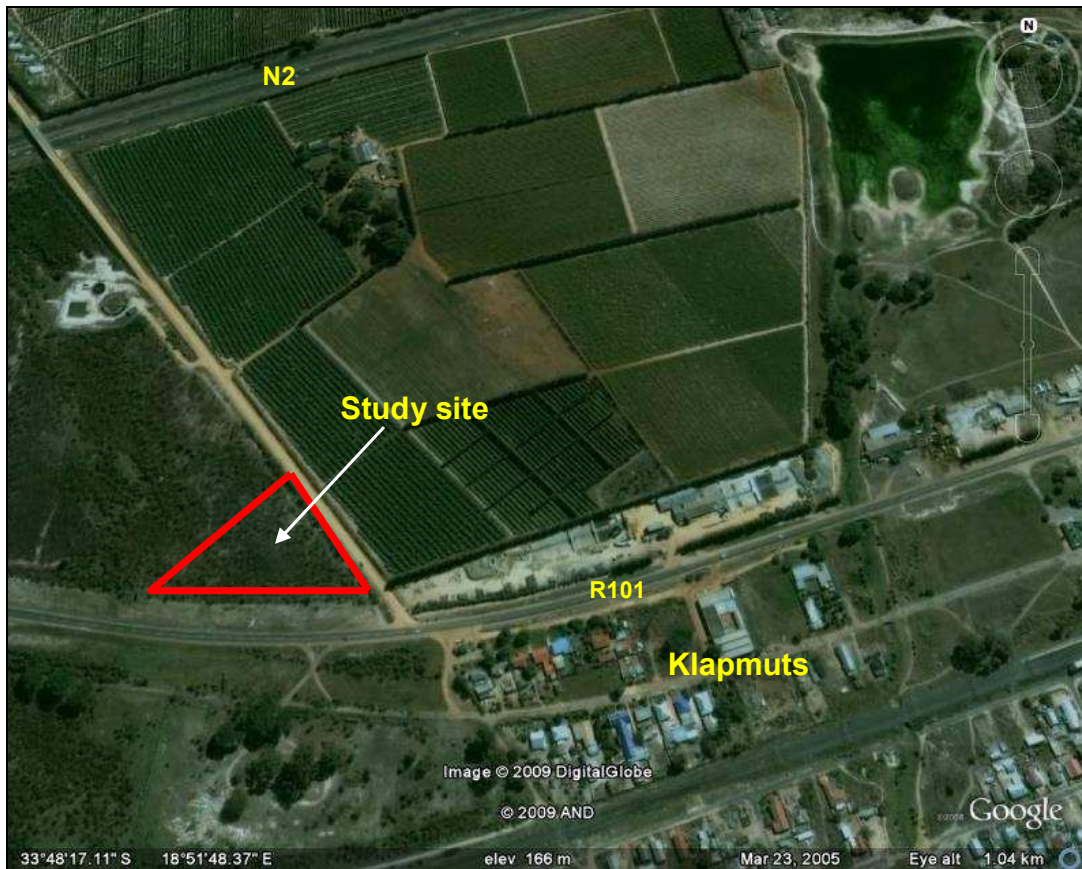


Figure 2. Aerial photograph of the study site





**Figure 3. View of the site facing west**



**Figure 5. View of the site facing south**



**Figure 4. View of the site facing south east**



**Figure 6. View of the site facing north east**