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APPENDIX 9

PHASE 1 ARCHAEOLOGICAL IMPACT ASSESSMENT  
PROPOSED DEVELOPMENT  
LITTLE LADYWOOD (FARM NO. 438)  
PLETTENBERG BAY  
SOUTHERN CAPE

Prepared for

WITHERS ENVIRONMENTAL CONSULTANTS

By

Jonathan Kaplan  
Agency for Cultural Resource Management  
PO Box 159  
Riebeeck West  
7306  
Ph/Fax: 022 461 2755  
Mobile: 082 321 0172  
Email: [acrm@wccaccess.co.za](mailto:acrm@wccaccess.co.za)

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## EXECUTIVE SUMMARY

A Phase 1 Archaeological Impact Assessment of Little Ladywood (Farm No. 438) in Plettenberg Bay has identified no significant impacts to pre-colonial archaeological material that will need to be mitigated prior to development activities.

## 1. INTRODUCTION

### 1.1 Background and brief

Withers Environmental Consultants requested that the Agency for Cultural Resource Management undertake a Phase 1 Archaeological Impact Assessment (AIA) of Little Ladywood (Farm No. 438) Plettenberg Bay, in the Southern Cape.

The proposed subdivision of Farm No. 438 provides for the development of medium income single residential units.

Only four of the proposed 17 erven have been searched for archaeological remains.

The extent of the four properties is about 17 ha.

The aim of the AIA is to locate, identify and map archaeological remains that may be negatively impacted by the proposed subdivision and development, and to propose measures to mitigate against the impact.

## 2. TERMS OF REFERENCE

The terms of reference for the study were:

1. to determine whether there are likely to be any archaeological sites of significance within the four proposed sites;
2. to identify and map any sites of archaeological significance within the four proposed sites;
3. to indicate the sensitivity and conservation significance of archaeological sites potentially affected by the proposed development;
4. to assess the status and significance of any impacts resulting from the proposed development;
5. to identify mitigatory measures to protect and maintain any valuable archaeological sites that may exist within the four sites, and
6. to propose actions for inclusion in the Construction Environmental Management Plan for the proposed project.

### **3. APPROACH TO THE STUDY**

#### **3.1 Method of survey**

The approach followed in the archaeological study entailed a baseline survey of the proposed four subdivided erven.

### **4. THE STUDY AREA**

A locality map of the study area is illustrated in Figure 1.

Little Ladywood Farm (No. 438) is located about 4 kilometre's west of Plettenberg Bay, in the Southern Cape. Little Ladywood is sign posted on the N2, and comprises a number of smallholdings (see Figure 2).

An aerial photograph of the site, indicating the proposed property subdivisions, is illustrated in Figure 2.

Four erven have been searched for archaeological remains.

**Erf 11** is characterised by mainly old farmlands and grazing fields (Figures 3 & 4). A large modern home is located in the southeastern corner of the property. The eastern portion of the site is dominated by indigenous veld on a relatively steep and rocky slope (Figures 5 & 6).

**Erf 9** comprises a mix of alien vegetation (mainly Kikuyu grass and Pines) and some indigenous veld (Figures 7 & 8).

**Erf 8** comprises mainly old grazing/agricultural fields. Two modern homes are located on the property (Figure 9).

**Erf 14** is infested with mainly alien vegetation and some indigenous veld (Figure 10), resulting in extremely low archaeological visibility. A modern home is located near the entrance to the property.

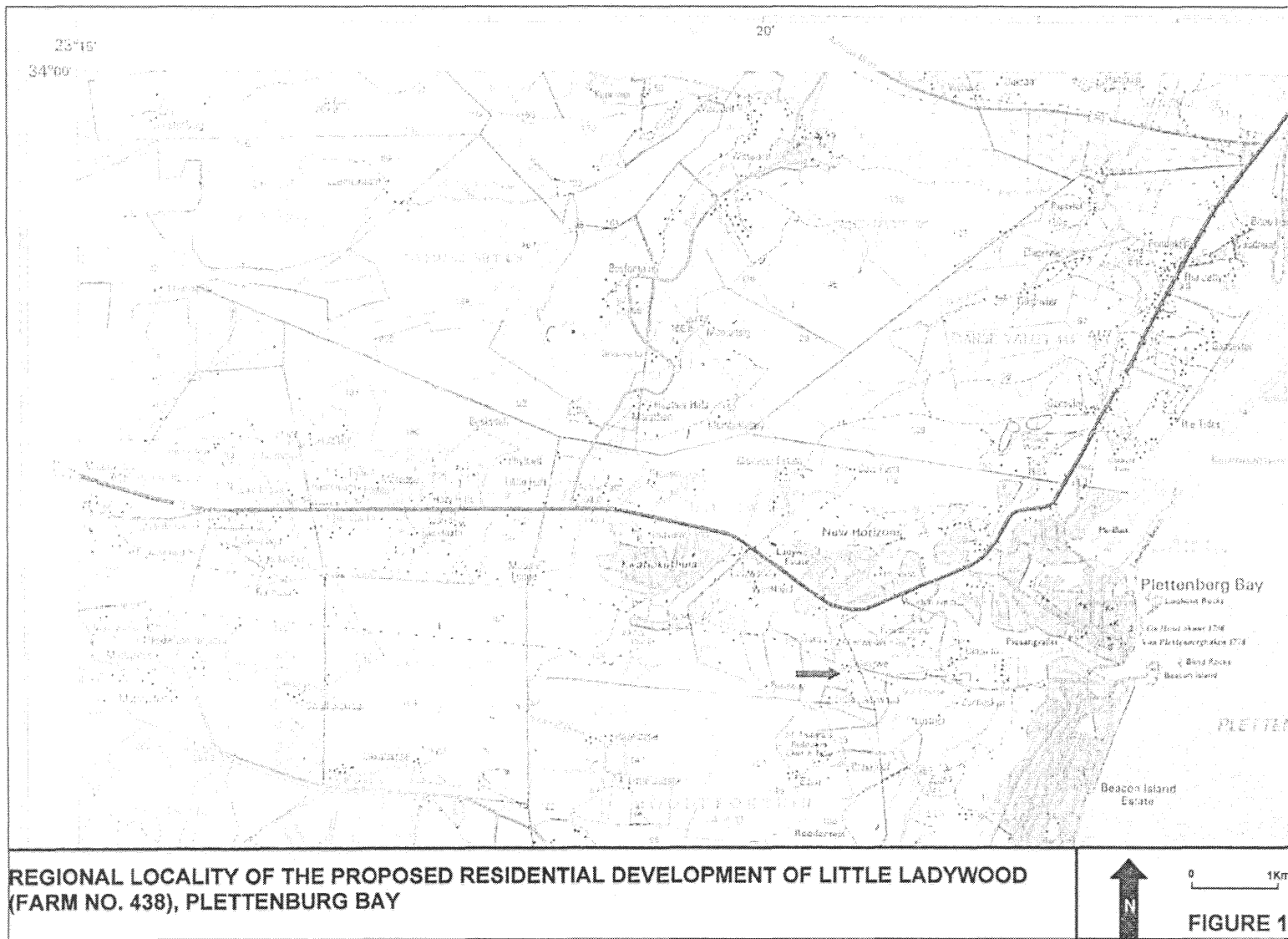
### **5. LEGISLATIVE REQUIREMENTS**

#### **5.1 The National Heritage Resources Act (Act No. 25 of 1999)**

##### **5.1.1 Archaeology (Section 35 (4))**

No person may, without a permit issued by the SAHRA or Heritage Western Cape, destroy, damage, excavate, alter or remove from its original position, or collect, any archaeological material or object.

Figure 1. Archaeological study, Little Ladywood, Farm No. 438. Regional Locality.



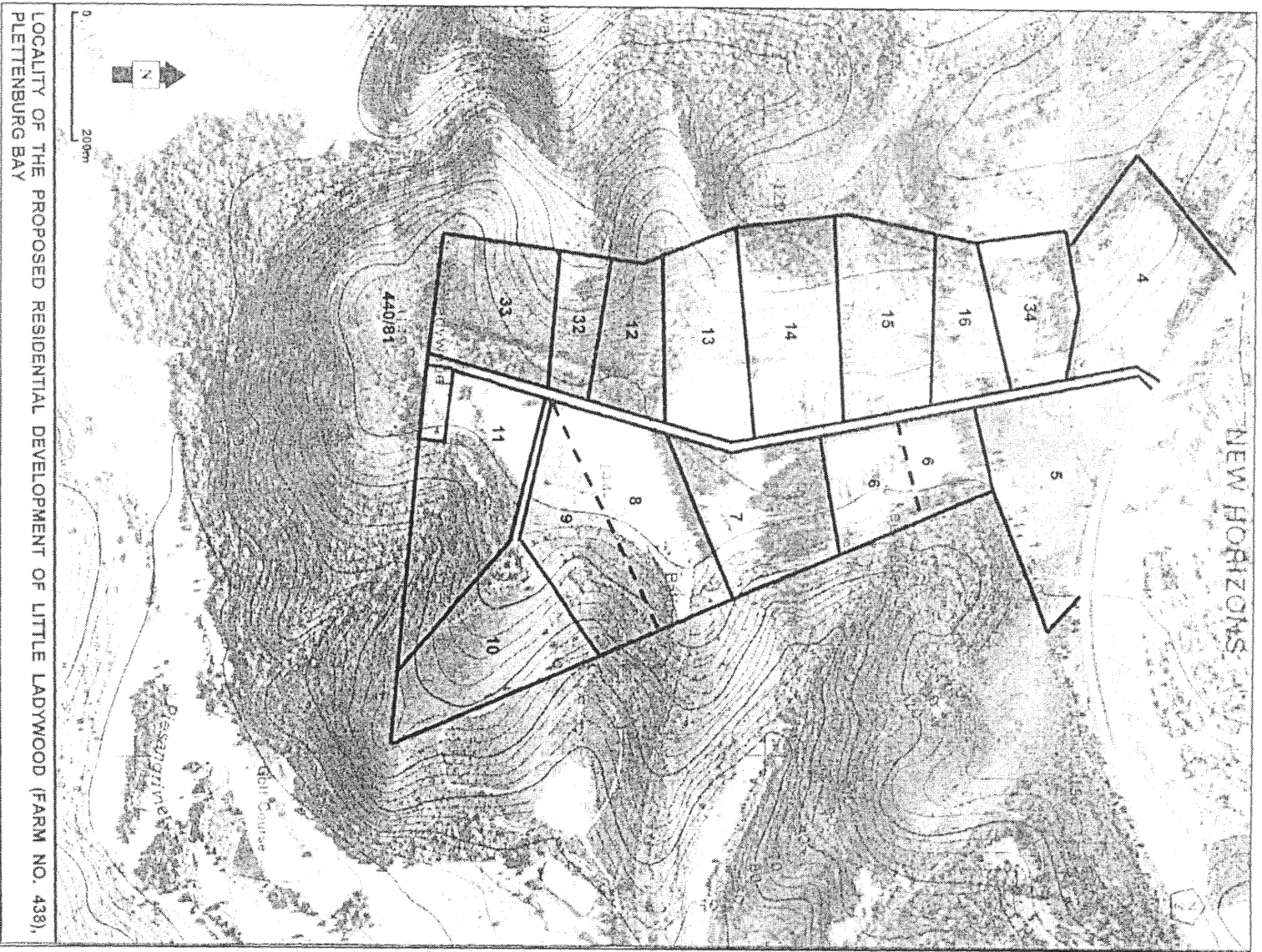


Figure 2. Archaeological study, Little Ladywood, Farm No. 438. Aerial photograph of the site.

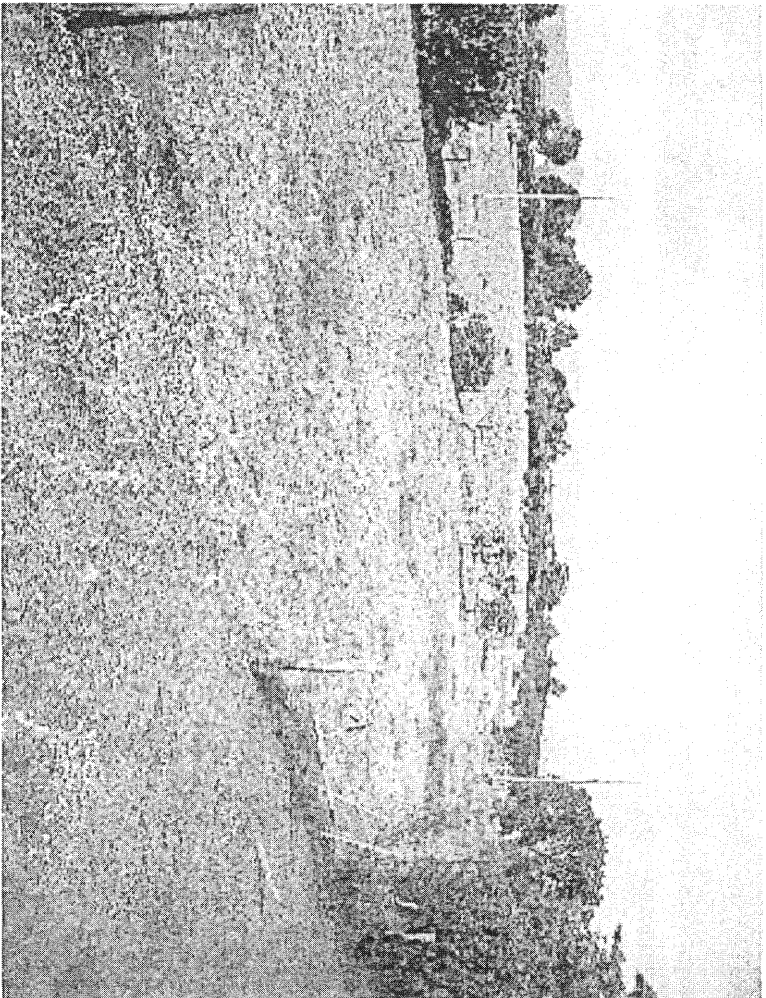


Figure 3. Archaeological study Little Ladywood, Farm No. 438. Erf 11 facing north-east.

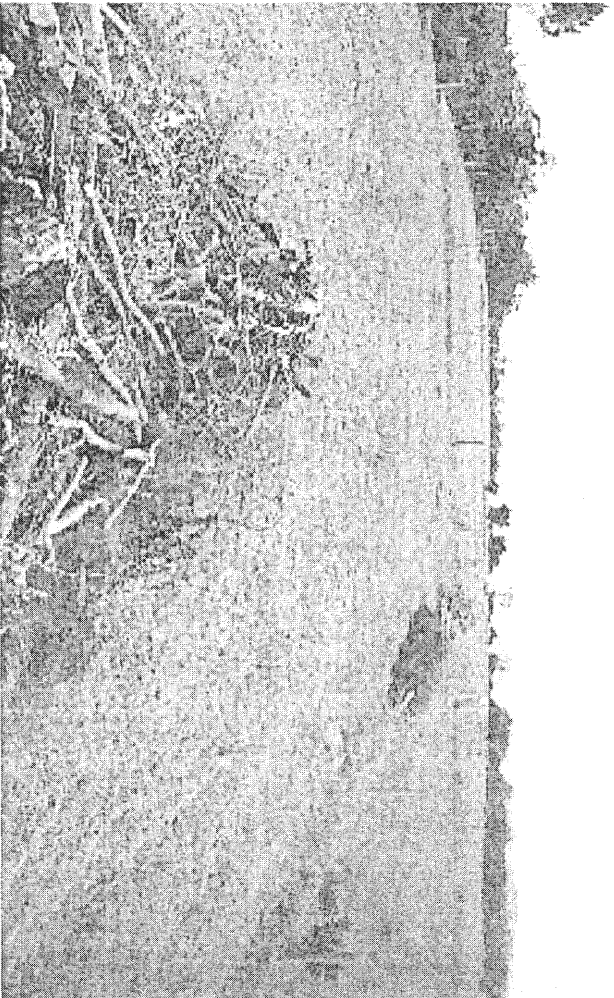


Figure 4. Archaeological study Little Ladywood, Farm No. 438. Erf 11 facing east.





Figure 5. Archaeological study Little Ladywood, Farm No. 438. Etf 11 facing south, with modern house in foreground.

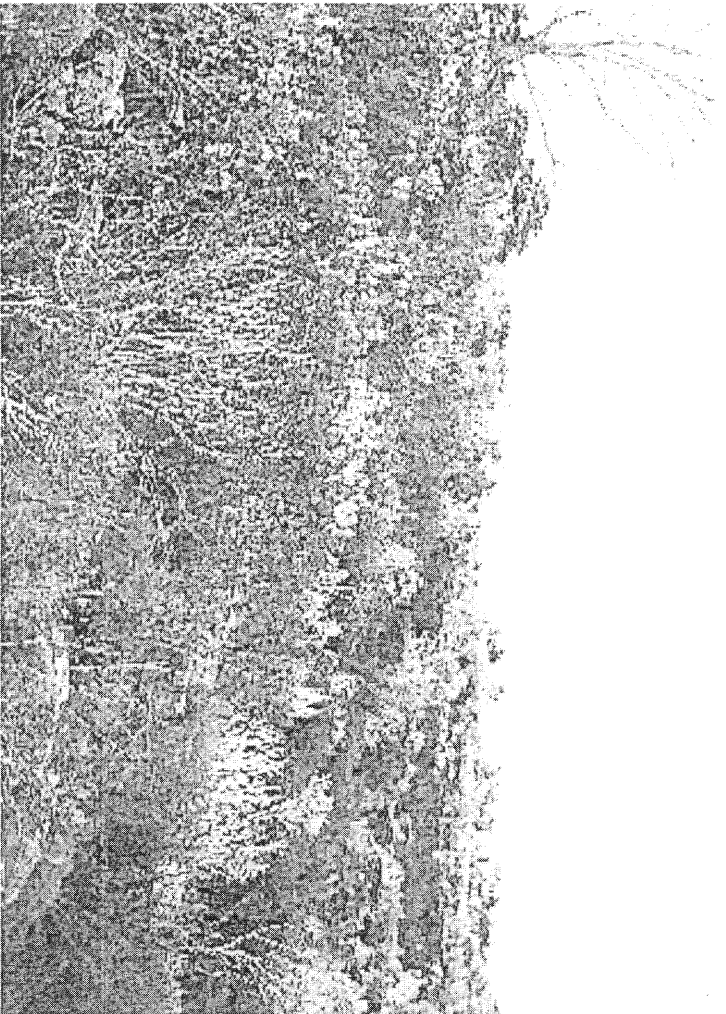


Figure 6. Archaeological study Little Ladywood, Farm No. 438. Etf 11 facing north-west.





Figure 7. Archaeological study Little Ladywood, Farm No. 438. Etf 9 facing west.

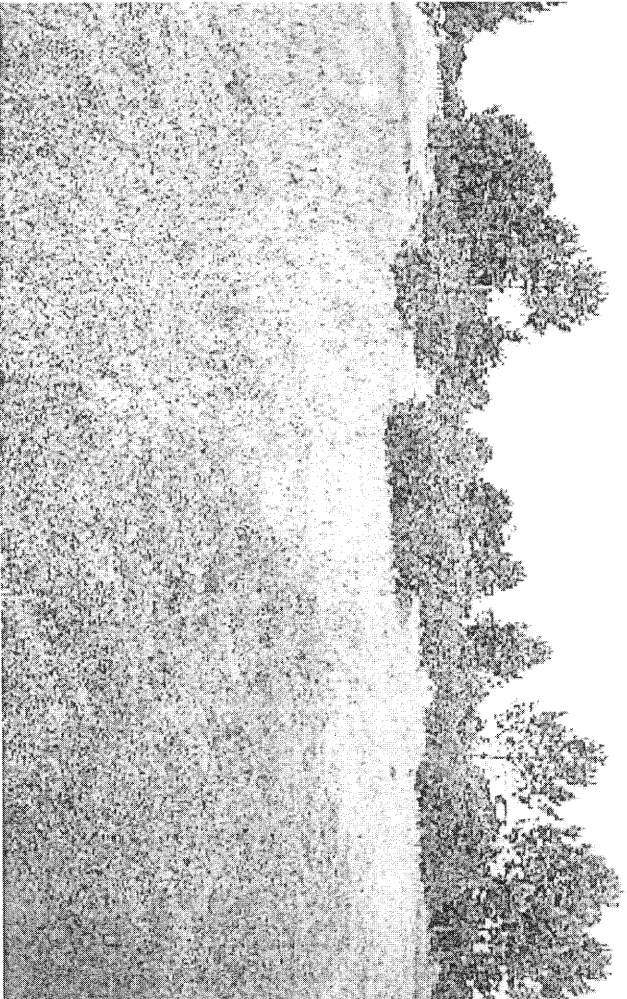


Figure 8. Archaeological study Little Ladywood, Farm No. 438. Etf 9 facing east.

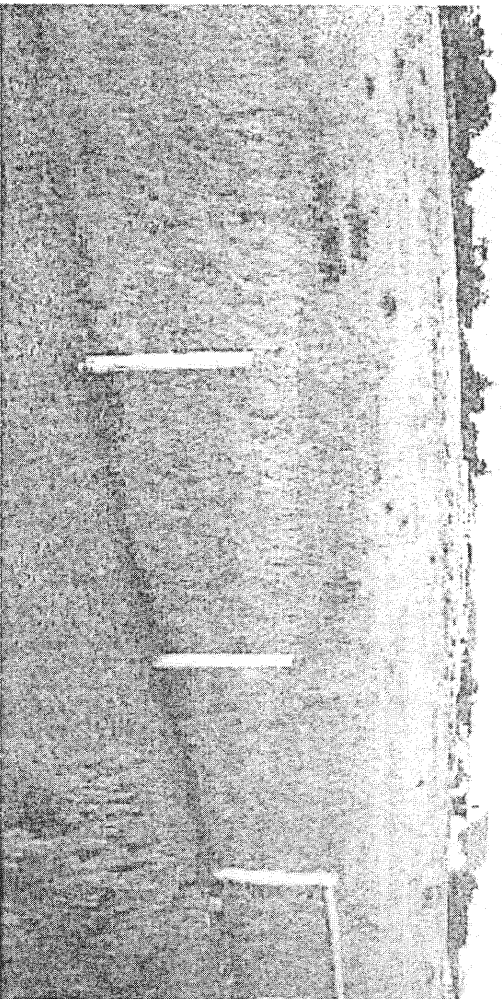


Figure 9. Archaeological study Little Ladywood, Farm No. 438. Erf 8 facing north-east.

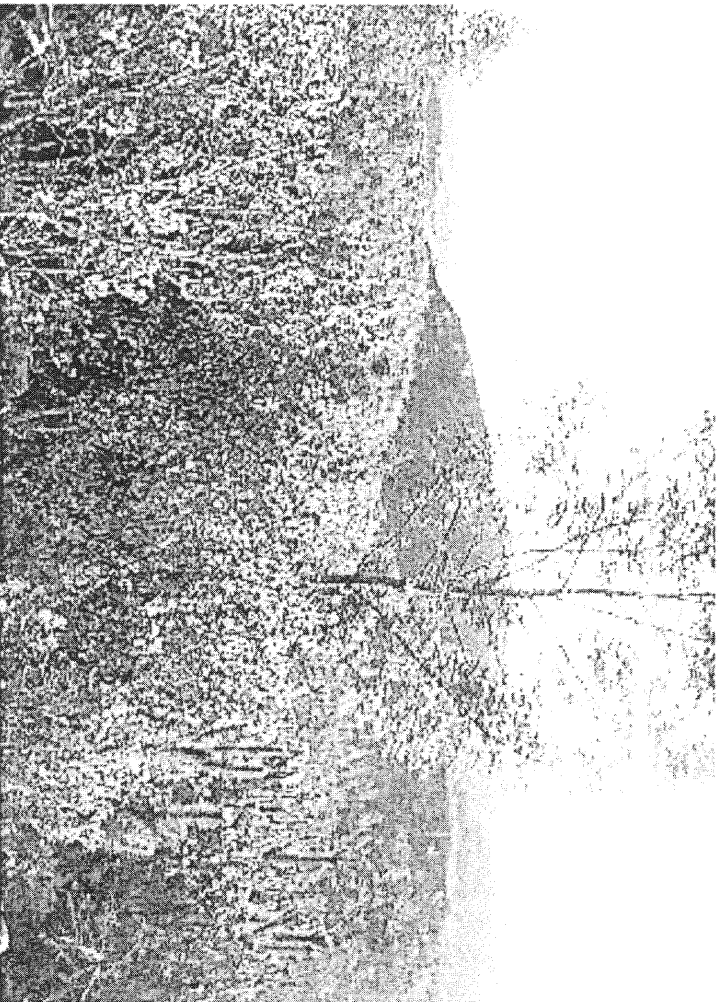


Figure 10. Archaeological study Little Ladywood, Farm No. 438. Erf 14 facing south-west.

## 5.2 Application requirements and procedure

Permit applications must be made on the official form:

- *Application for permit to destroy: Archaeological and palaeontological sites and meteorites;*
- *Application for permit: Burial Grounds and Graves.*

Permit application forms are available from SAHRA, and Heritage Western Cape, the provincial heritage authority.

## 7. CONSTRAINTS AND LIMITATIONS

Erf 14 is infested with alien vegetation, resulting in extremely low archaeological visibility.

## 8. IDENTIFICATION OF POTENTIAL RISKS

There are no potential archaeological risks associated with the project.

## 9. IMPACT ASSESSMENT AND DESCRIPTION

### 9.1 Erf 11

Two or three possible stone flakes were located among fire-cracked quartzite outcroppings in the steep southeastern portion of the property.

### 9.2 Erf 9

No archaeological remains were located on the property.

### 9.3. Erf 8

No archaeological remains were located on the property.

### 9.4. Erf 14

Possible Early Stone Age<sup>1</sup> (ESA) flakes were located among some fire-cracked outcroppings of quartzite in the southwestern portion of the site.

It is interesting to note that two ESA flakes in fine-grained orange-coloured quartzite were noted embedded in the main compacted gravel and clay road, alongside Erf 11, which runs through the properties (see Figure 2).

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<sup>1</sup> A term referring to the period between 2 million and 200 000 years ago.

## **10. IMPACT STATEMENT**

The impact of the proposed subdivision and development of Little Ladywood Farm (No. 438) Plettenberg Bay, Erven 8, 9, 11 and 14, is considered to be low to negligible.

The probability of locating any significant archaeological remains during implementation of the project is also considered to be low to negligible.

## **11. CONCLUDING STATEMENT**

The receiving environment is not considered to be archaeologically sensitive, vulnerable or threatened.

## **12. RECOMMENDATIONS**

With regard to the proposed subdivision and development of Little Ladywood Farm (No. 438) Plettenberg Bay, Erven 8, 9, 11 and 14, the following recommendations are made.

- No archaeological mitigation is required.
- No further detailed studies are required.