

**PHASE 1 ARCHAEOLOGICAL IMPACT ASSESSMENT ON REMAINDER OF FARM  
154/1 PAARL (FRANSRUG), DRAKENSTEIN 'B' MUNICIPALITY, WESTERN CAPE**

for

Cape Lowlands Environmental Services cc.

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Prepared by

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## **EXECUTIVE SUMMARY**

This Phase 1 Archaeological Impact Assessment took place on the remainder of farm 154/1 Paarl. It focused on the areas proposed for the upgrading and construction of new pullet rearing houses and associated waste management and handling activities. This archaeological impact assessment has been undertaken in fulfillment of the requirements of Section 38 of the National Heritage Resources Act (No 25 of 1999).

No archaeologically significant resources were found during the foot survey and field rating of Generally Protected C is awarded. This site has been sufficiently recorded. It requires no further recording before destruction (generally Low significance). However it is recommended that should any archaeological material be found during preparation and construction of the property, the archaeologists should be notified immediately. All work must cease until an archaeologist determined the significance of the finds.

# Contents

EXECUTIVE SUMMARY.....	1
1. BACKGROUND INFORMATION ON THE PROJECT.....	3
2. DESCRIPTION OF THE PROPERTY & METHODOLOGY.....	3
3. DESCRIPTION OF THE SITES.....	4
4. STATEMENT OF SIGNIFICANCE AND FIELD RATING.....	4
5. RECOMMENDATIONS.....	4
6. FIGURES.....	5
Figure 1: Proposed upgrading and construction of new pullet rearing houses on Fransrug (Farm 154/1, Paarl).....	5
Figure 2: 1:50000 map 3318 DB Paarl.....	6
Figure 3: Grass ground cover.....	6
Figure 4: Sterile profile.....	6
Figure 5: Investigated sites.....	7
Figure 6: Site 2a.....	7
Figure 7: Site 3.....	7
Figure 8: Site 4.....	7
Figure 9: Site 5.....	7
Figure 10: Site 6.....	8
Figure 11: Site F1.....	8
Figure 12: Site F2.....	8
Figure 13: Site Evaporation Pond.....	8
Figure 14: Composting Site.....	8
Figure 15: Tracking & waypoints.....	8
APPENDIX: FIELD RATING CRITERIA.....	9

## **1. BACKGROUND INFORMATION ON THE PROJECT**

This Archaeological Impact Assessment is part of an Environmental Impact Assessment to be submitted to DEA&DP and Heritage Western Cape. The proposal is for the upgrading and construction of new pullet rearing houses (100 x 60 x 12 = 72 000m<sup>2</sup>) with the associated waste management and handling facilities (approximately 0.5 ha) on the remainder of farm 154/1 Paarl (Fransrug), Drakenstein 'B' Municipality (Figure 1).

### **Landowner:**

Pioneer Foods (Pty.) Ltd.  
Mr Andre Muller  
11 Main Road  
Wellington  
7551  
Tel: 021 864 8600  
Cell: 083 660 6088  
Email: [amuller@pioneerfoods.co.za](mailto:amuller@pioneerfoods.co.za)

### **Legislation and Terms of reference**

The national legal framework for the protection and management of the cultural environment is the National Heritage Resources Act (NHRA) Act No. 25 of 1999, and also the legal and policy frameworks aimed at the protection of the environment, e.g. the Environment Conservation Act (ECA) (Act No. 73 of 1989) and associated EIA regulations and the National Environmental Management Act (NEMA) (Act No. 107 of 1998). Section 38 of the NHRA requires heritage assessments as a stand-alone or as a specialist component of the EIA process.

A phase 1 archaeological impact assessment of the Fransrug development, in fulfillment of the requirements of Section 38 of the National Heritage Resources Act (No 25 of 1999) has been undertaken. The area to be affected by the proposed development, additional infrastructure such as waste management, excavation and construction work have to be surveyed.

## **2. DESCRIPTION OF THE PROPERTY & METHODOLOGY**

The property as recorded on the 1:50 000 map 3318 DB Paarl(Figure 2), Drakenstein 'B' Municipality. The property has been used for various types of agriculture such as viticulture. The primary usage at the moment is for pullet rearing. Some areas are also used for wheat and grazing cattle.

Follow the directions for the Hoer Landbou Skool. The site is located east of the Schooneoord road,



1 km south of the turn off of the Agter Paardeberg Wellington road. The Schooneoord turn off is east of the Agter Paardeberg Prison.

Two archaeologists in the company of the farm manager (Mr Isaac Soonjies, 021 869 8142) traversed this area on foot for three hours on Thursday 28 January 2010. GPS readings were taken using a Garmin GPS60 (map datum WGS84) with an accuracy of 4-6 meters. The ground cover, mostly dried wheat stalks and grass affected surface visibility (Figure 3). The area has been heavily ploughed and in some cases profiles remain open showing ground sterility (Figure 4).

### 3. DESCRIPTION OF THE SITES

No sites of archaeological significance were found. The area searched on this property are identified on the map in Figure 5 and are associated with the following waypoints:

Site	S	E	ASL	Figure
Site 2a	33°37.584′	18°52.693′	146 m	6
Site 3	33°37.280′	18°53.099′	128 m	7
Site 4	33°37.052′	18°53.099′	130 m	8
Site 5	33°37.121′	18°52.383′	121 m	9
Site 6	33°37.302′	18°52.626′	133 m	10
Site F1	33°36.516′	18°52.137′	136 m	11
Site F2	33°36.640′	18°52.477′	115 m	12
Evaporation pond	33°36.824′	18°52.453′	110 m	13
Composting site	33°36.593′	18°52.717′	111 m	14

Tracking and Waypoints are shown in Figure 15.

### 4. STATEMENT OF SIGNIFICANCE AND FIELD RATING

No sites of archaeological significance were found. A rating of Generally Protected C (see Appendix) is given: this site has been sufficiently recorded. It requires no further recording before destruction (generally Low significance).

### 5. RECOMMENDATIONS

Monitoring of the development when roads are made, excavation for laying of pipes and foundations is recommended.

Should any archaeological material be found during preparation and construction of the property, the archaeologists should be notified immediately. All work must cease until an archaeologist determined the significance of the finds.

# 6. FIGURES



Figure 1: Proposed upgrading and construction of new pullet rearing houses on Fransrug (Farm 154/1, Paarl).



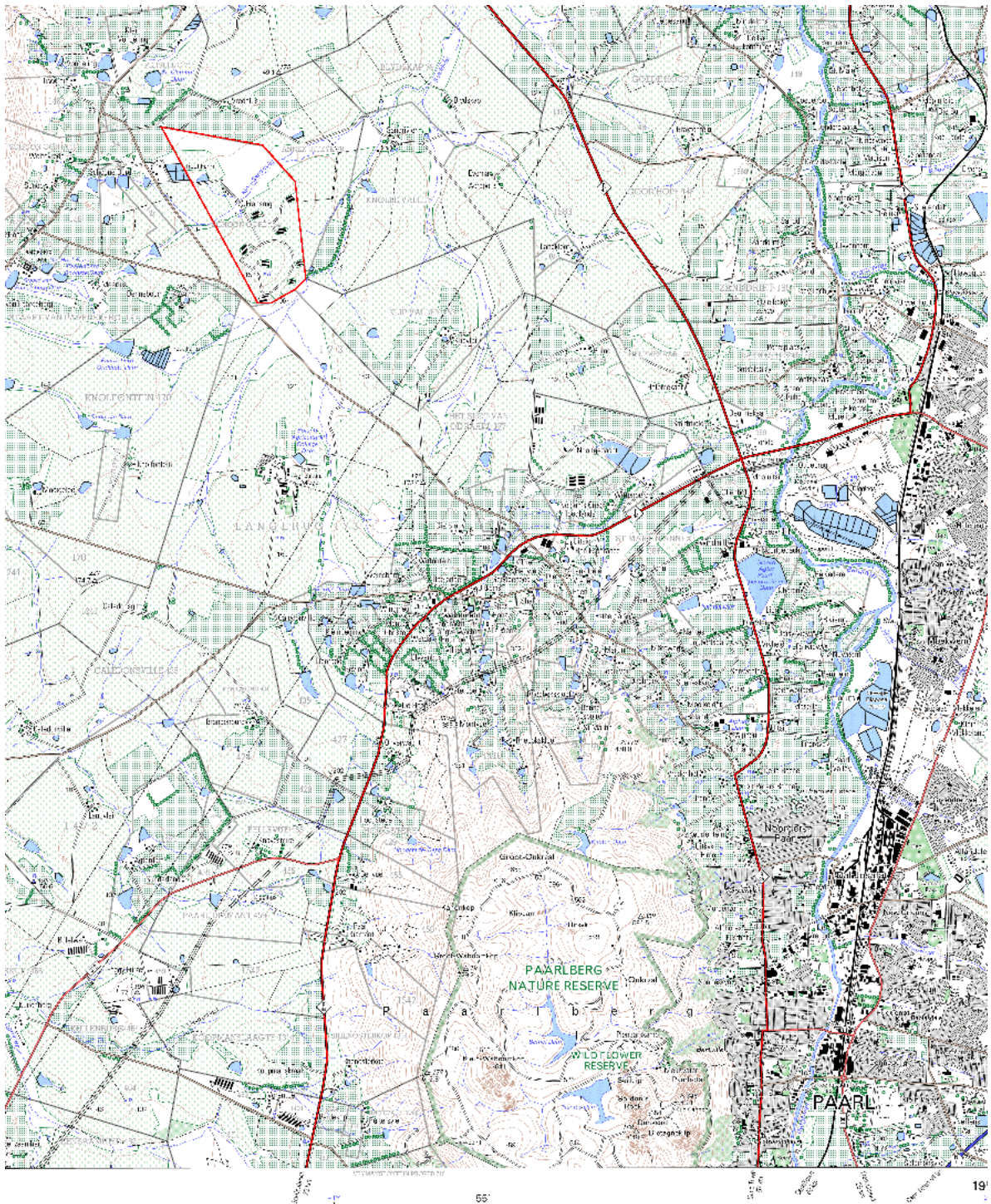


Figure 2: 1:50000 map 3318 DB Paarl



Figure 3: Grass ground cover



Figure 4: Sterile profile





**Figure 5: Investigated sites**



**Figure 6: Site 2a**



**Figure 7: Site 3**



**Figure 8: Site 4**



**Figure 9: Site 5**





**Figure 10: Site 6**



**Figure 11: Site F1**



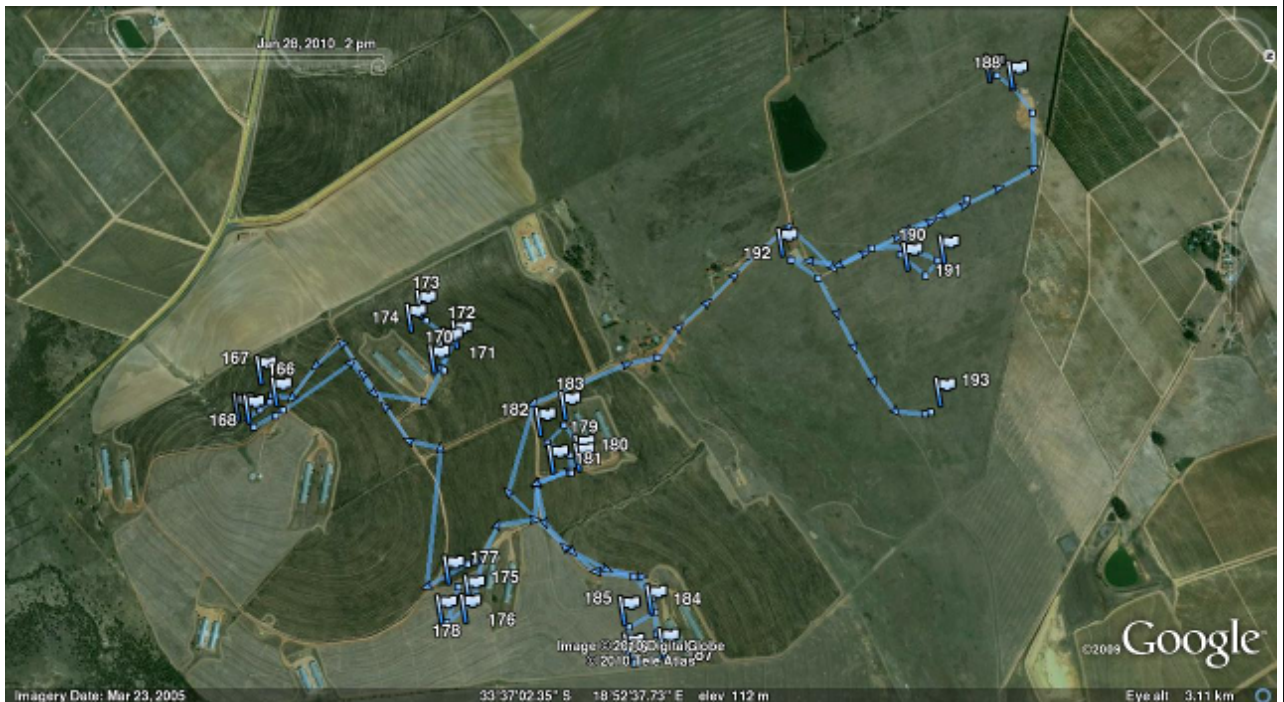
**Figure 12: Site F2**



**Figure 13: Site Evaporation Pond**



**Figure 14: Composting Site**



**Figure 15: Tracking & waypoints**

## **APPENDIX: FIELD RATING CRITERIA**

(Minimum Standards, Heritage Western Cape, April 2006)

- a) National: This site is considered to be of Grade I significance and should be nominated as such.
- b) Provincial: This site is considered to be of Grade II significance and should be nominated as such.
- c) Local: This site is of Grade IIIA significance. Mitigation as part of the development process is not advised. The site should be retained as a heritage site (High significance).
- d) Generally Protected A: This site should be mitigated before destruction (generally High/Medium significance).
- e) Generally Protected B: This site should be recorded before destruction (generally Medium significance).
- f) Generally Protected C: This site has been sufficiently recorded. It requires no further recording before destruction (generally Low significance).