

**PHASE 1 ARCHAEOLOGICAL IMPACT REPORT**

**FARM ST468-63 (4,7549 HA), BLACKHEATH, CITY OF CAPE  
TOWN, WESTERN CAPE**

**Lindsay Stewart**

**KayaGas – Blackheath Project Manager**

**083 735 9100**

**[lindsay@stewart.org.za](mailto:lindsay@stewart.org.za)**

**Monday 10 May 2010**

**Pro-Active Archaeology**

Dr Liezl van Pletzen-Vos  
083 2785 125  
[liezlvpv@gmail.com](mailto:liezlvpv@gmail.com)

PostNet Suite 168  
Private Bag X15  
Somerset West  
7129

Dr Reneé Rust  
021 844 0949  
[rrust@sanggic.co.za](mailto:rrust@sanggic.co.za)

## **EXECUTIVE SUMMARY**

This Phase 1 Archaeological Impact Assessment investigated the proposed site for the development of an LP Gas Filling and Storage facility in Blackheath (Farm ST468-63 – 4.7549 ha). No archaeological material was located, although it is recommended that should any archaeological finds be made during construction that an archaeologist be contacted to assess the new material.

### **Project Applicant:**

KayaGas

George Tatham (MD)

Unit E1 Centurion Business Park

Bosmansdam Raod, Milnerton

021 555 2499

### **Contact Person:**

Lindsay Stewart (KayaGas – Blackheath Project Manager)

083 735 9100

[lindsay@stewart.org.za](mailto:lindsay@stewart.org.za)

## Contents

EXECUTIVE SUMMARY.....	1
1. BACKGROUND INFORMATION.....	3
1.1 Terms of Reference.....	3
1.2 Legislative requirements.....	4
2. BACKGROUND TO THE RELEVANT HERITAGE COMPONENTS.....	4
3. DESCRIPTION OF THE PROPERTY.....	4
3.1 Methodology.....	4
4. DESCRIPTION OF SITES IDENTIFIED.....	5
5. FIELD RATING .....	5
6. STATEMENT OF SIGNIFICANCE.....	5
7. RECOMMENDATIONS .....	5
8. CONCLUSIONS.....	5
9. BIBLIOGRAPHY.....	5
10. APPENDIX A – FIELD RATINGS.....	6
11. APPENDIX B - STATEMENT OF SIGNIFICANCE.....	7
12. FIGURES.....	8

## Figures

Figure 1: Location of site on 1:50 000 map (3318 Bellville).....	8
Figure 2: Location of Farm ST468-63.....	9
Figure 3: Location of soil test pits (after Kentey and Templer 2010).....	10
Figure 4: Alien vegetation.....	11
Figure 5: Vleiland.....	11
Figure 6: GPS tracking.....	11

## **1. BACKGROUND INFORMATION**

KayaGas has approached Pro-Active Archaeology to conduct a Phase 1 Archaeological Impact Assessment (AIA) of the proposed development of an LP Gas Filling and Storage facility in Blackheath. The proposed development is to take place on Farm ST468-63. The extent of the proposed development (4.7549 ha) falls within the requirements for an archaeological impact assessment as required by Section 38 of the South African Heritage Resources Act (No. 25 of 1999).

### **Landowner:**

Passenger Rail Agency of South Africa (PRASA)

Contact Person: Pieter Celliers (021 507 1723)

### **Project Applicant:**

KayaGas

George Tatham (MD)

Unit E1 Centurion Business Park

Bosmansdam Raod, Milnerton

021 555 2499

### **Contact Person:**

Lindsay Stewart (KayaGas – Blackheath Project Manager)

083 735 9100; lindsay@stewart.org.za

## **1.1 Terms of Reference**

The Terms of Reference for the specialist Phase 1 Archaeological Impact Assessment are to:

- Identify and map pre-colonial archaeological heritage resources on the proposed sites;
- Determine the importance of pre-colonial archaeological heritage resources on the proposed sites;
- Determine and assess the potential impacts of the proposed development on the pre-colonial archaeological heritage resources, and
- Recommend mitigation measures to minimise impacts associated with the proposed

development.

## **1.2 Legislative requirements**

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.

## **2. BACKGROUND TO THE RELEVANT HERITAGE COMPONENTS**

The Winelands region is known to have both Earlier and Middle Stone Age stone tool scatters (Deacon & Deacon 1999; personal observation). However, previous AIA reports (see Bibliography) indicate that no significant pre-historical archaeological finds have been made in the area adjacent to the study site.

## **3. DESCRIPTION OF THE PROPERTY**

Farm ST468-63, Blackheath, City of Cape Town, Western Cape is located on the 1:50 000 map 3318DC Bellville in Figure 1. The study area is demarcated in the satellite image in Figure 2. The property is situated to the east of the R102 in Blackheath, near the entrance to the Penhill Estate. The western side is bounded by the railway. Directly to the north of the property is Motovia (a new car storage and distribution centre). The southern boundary comprises the confluence of the railway and the R102.

The property has been used as a dumping ground during the construction of the railway line and the R102. A geological and soil report (Kantey & Templer 2010) indicates that to a depth of 3m only transported and fill material was found. The location of the test pits is illustrated by Figure 3. Based on this evidence and previous AIA reports, it is unlikely that archaeological resource will be found in-situ on the property.

### **3.1 Methodology**

The area was searched on foot on Friday 30 April for one hour, by one archaeologist and one Pro-

Active Archaeology staff member. Visibility was affected by alien vegetation growth (Figure 4) and areas of vleiland (Figure 5). Data was acquired with a Garmin GPS60 (WGS 84) and a camera. The GPS track is illustrated in Figure 6.

#### **4. DESCRIPTION OF SITES IDENTIFIED**

No archaeological material was found.

#### **5. FIELD RATING**

Generally Protected C: this site has been sufficiently recorded. It requires no further recording before destruction (generally Low significance).

#### **6. STATEMENT OF SIGNIFICANCE**

As no archaeological material was found, this site is rated as having no/low archaeological significance.

#### **7. RECOMMENDATIONS**

There is always the possibility, however remote, that archaeological material may be found during the construction phase of the project. Should any archaeological finds be made, all work should cease and Heritage Western Cape (Mr. Nick Wiltshire 021 483 9685) or the archaeologist must be contacted to assess the material.

#### **8. CONCLUSIONS**

No archaeological material was located during the AIA of Farm ST468-63. This site has been sufficiently recorded and no further actions are required before destruction of the site can take place.

#### **9. BIBLIOGRAPHY**

ACRM. February 2006. Phase 1 Archaeological Impact Assessment: Western Macassar Dunes, Cape Town.

Deacon, HJ & Deacon, J. 1999. *Human beginnings in South Africa*. Cape Town: David Phillips

Publishers.

- Kantey & Templer. March 2010. Report on Geotechnical investigation for the proposed KayaGas development – Blackheath .
- Kaplan, J. 2007-03-07. Phase 1 Archaeological Impact Assessment: Proposed development of Erf 1892, Blue Downs, City of Cape Town
- Kaplan, J. 2002-09-30. Phase 1 Archaeological Impact Assessment: Proposed development of Erf 1288, Farms 438/1 & 438/4, Kuils River.
- Kaplan, J. 2005-03-08. Phase 1 Archaeological Assessment of Portion 2 of Farm 420 Kuils River, Western Cape Province.
- Kaplan, J. 2005-05-05 . Phase 1 Archaeological Impact Assessment portion 15 of the Farm Wimbledon no. 454 Blackheath, City of Cape Town.
- Kaplan, J. 2005-08-15. Phase 1 Archaeological Impact Assessment Erven 17975 & 17974 Blue Downs
- Kaplan, J. June 2007. Phase 1 Archaeological Impact Assessment: Proposed development of portion 15 of Farm 653, Vergenoegd, Helderberg, Western Cape Province
- Kaplan, J. n/d. An Archaeological Impact Assessment of proposed upgrading of the MR177.
- Kaplan, J. October 2001. Heritage Impact Assessment: Portion 2 of the Farm Eikeboom No. 238, Kuils River.
- Orton, J. June 2004. Heritage Scoping Study for the proposed rezoning and subdivision of Erf 5540, Eerste River.
- Wurz, S. 3 May 2005. Phase 1 Archaeological Assessment of Erf 870, 4001 and 4002, Eerste River, District of Belville, Western Cape

## **10. APPENDIX A – FIELD RATINGS**

- 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. Local: this site is of Grade IIIB significance. It should be mitigated and (part) should be retained as a heritage site (High significance).
- e. Generally Protected A: this site should be mitigated before destruction (generally High/Medium significance).
- f. Generally Protected B: this site should be recorded before destruction (generally Medium significance).
- g. Generally Protected C: this site has been sufficiently recorded. It requires no further recording before destruction (generally Low significance).

## **11. APPENDIX B - STATEMENT OF SIGNIFICANCE**

- a. its importance in the community, or pattern of South Africa's history;
- b. its possession of uncommon, rare or endangered aspects of South Africa's natural or cultural heritage;
- c. its potential to yield information that will contribute to an understanding of South Africa's natural or cultural heritage;
- d. its importance in demonstrating the principal characteristics of a particular class of South Africa's natural or cultural places or objects;
- e. its importance in exhibiting particular aesthetic characteristics valued by a community or cultural group;
- f. its importance in demonstrating a high degree of creative or technical achievement at a particular period;
- g. its strong or special association with a particular community or cultural group for social, cultural or spiritual reasons;
- h. its strong or special association with the life or work of a person, group or organisation of importance in the history of South Africa; and
- i. sites of significance relating to the history of slavery in South Africa.



## 12. FIGURES

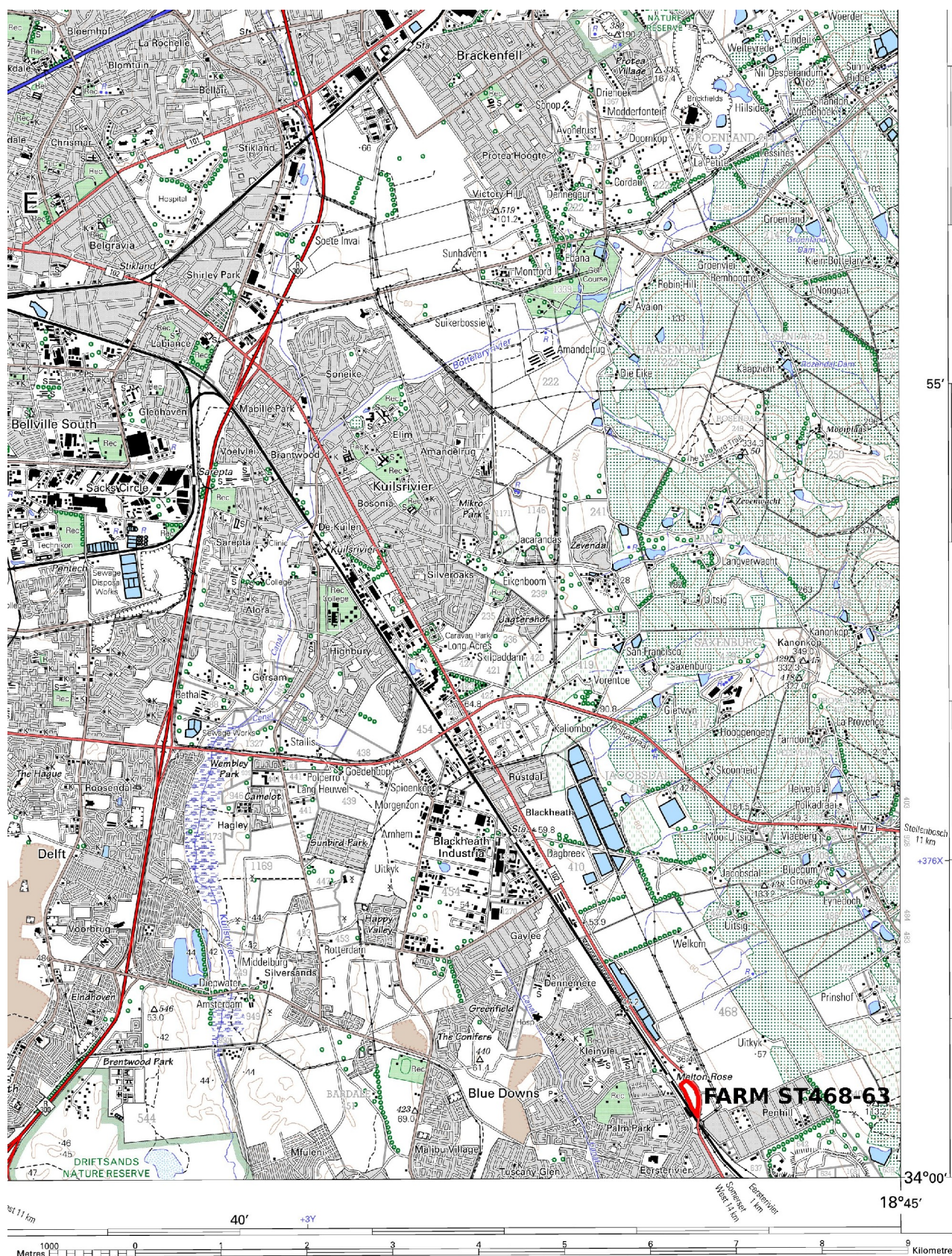


Figure 1: Location of site on 1:50 000 map (3318 Bellville).





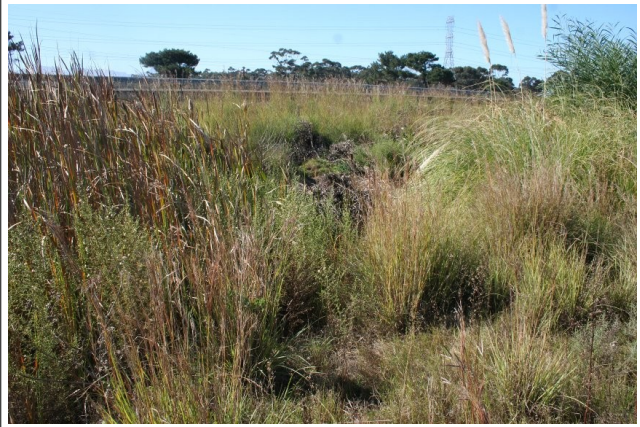
*Figure 2: Location of Farm ST468-63.*







*Figure 4: Alien vegetation*



*Figure 5: Vleiland.*



*Figure 6: GPS tracking.*