

# Interim Report on the Camden Grave Relocation – Social Consultation Component

Report on the Social Consultation Regarding the Relocation of Graves within the Proposed Development Area for the Camden Ash Disposal Facilities

PREPARED BY:



PREPARED FOR:







# **CREDIT SHEET**

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**Disclaimer;** Although all possible care is taken to identify all gravesites during the investigation of study areas, it is always possible that hidden or sub-surface sites or unreported graves could be overlooked during the study. G&A Heritage and its personnel will not be held liable for such oversights or for costs incurred as a result of such oversights.

#### Statement of Independence

As the duly appointed representative of G&A Heritage, I Stephan Gaigher, hereby confirm my independence as a specialist and declare that neither I nor G&A Heritage have any interests, be it business or otherwise, in any proposed activity, application or appeal in respect of which the Heritage Consultant was appointed as Heritage Assessment Practitioner, other than fair remuneration for work performed on this project.

SIGNED OFF BY: STEPHAN GAIGHER



# EXECUTIVE SUMMARY

Site name and location: Social consultation component for the Camden Ash Dam Grave Relocation

**Project** 

Municipal Area: Gert Sibande District Municipality and Msukaligwa Local Municipality

**Developer: ESKOM** 

Consultant: G&A Heritage, PO Box 522, Louis Trichardt, 0920, South Africa. 38A Vorster Str. Louis

Trichardt, 0920

Date of Report: 14 October 2015

#### EXECUTIVE SUMMARY

The purpose of the management summary is to distil the information contained in the report into a format that can be used to give specific results quickly and facilitate management decisions. It is not the purpose of the management summary to repeat in shortened format all the information contained in the report, but rather to give a statement of results for decision making purposes.

This study focuses on the social consultation process for the grave relocation project at the area proposed Camden Ash Disposal Facility (ADF) and its associated infrastructure. The terms of reference for this work is based on the requirements of the *National Heritage Resources Act no 25 of 1999* and the Human Burials and Cemeteries bylaws.

The proposed Camden ADF area was subjected to a Heritage Impact Assessment (HIA) in 2011 and addendums to this study were submitted to SAHRA in 2015. These studies identified three sites with graves within the area. The statutory comments from the controlling body supported the HIA recommendations for relocation and this phase of investigation aims at fulfilling this obligation.

The purpose of this phase of social consultation was the identification of next of kin for the identified gravesites.

#### SOCIAL CONSULTATION PROCESS

The main instrument used in the identification of ownership of graves is social consultation. This entails several ways of engaging communities to determine if there are any families associated with these burials. For the purposes of this study a differentiation was made between the following types of meetings;

- Community meetings
- · One on one meetings
- Client meetings

Each of these categories would address a different aspect of the social consultation as a whole.

Information gathered from these meetings was then ground-truthed.

#### FINDINGS

From the site visit undertaken in September 2015, four sites were identified with obvious burial sites; One site with 19 graves, another with 7 graves and a third with 2 graves and the last with 5 graves.

#### RECOMMENDATIONS

Following the public consultation process undertaken, no communities claimed ownership of the graves. Under these circumstances, it is recommended that the identified graves be relocated to a locally



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administered cemetery through the permit process of *SAHRA*. It is further recommended that the developer keeps some channels of communication open should the community or family members come forward within the foreseeable future.

## TIMEFRAME AND COMPLETIONS

Component	% Complete	Initiation	<b>Completion Date</b>	Dependent On
HIA	100	2007, 2011 &	2011 & 2015	n/a
		2015		
Social Consultation	80	October	October 2015	Approval of social report by
		2015		Eskom
Permit application	50	October	November 2015	Approval by SAHRA. Normal
		2015		processing time.
Exhumation	0	November	December 2015	Issuing of SAHRA permit.
		2015		
Re-internment	0	December	-	Exhumation
		2015		
Final Report	50	2016/02	-	Completion of relocation.
				Sign-off by Eskom.

#### FATAL FLAWS

No fatal flaws were identified.



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# LIST OF ABBREVIATIONS

Вр	Before Present
EIA	Early Iron Age
ESA	Early Stone Age
Fm	Femtometre (10 <sup>-15</sup> m)
GPS	Geographic Positioning System
HIA	Heritage Impact Assessment
LIA	Late Iron Age
LSA	Late Stone Age
MYA	Million Years Ago
MSA	Middle Stone Age
NHRA	National Heritage Resources Act no 22 of 1999
SAHRA	South African Heritage Resource Agency
S&EIR	Scoping & Environmental Impact Reporting
μm	Micrometre (10 <sup>-6</sup> m)
WGS 84	World Geodetic System for 1984



# Chapter

## PROJECT RESOURCES

## **Grave Relocation Project**

Social Consultation for the Camden Ash Dam Grave Relocation Project

## Introduction

#### SCHEDULE OF WORK (SOW)

Four sites with burials were identified within the proposed development area;

- Area 1 has 19 individual grave dressings
- Area 2 has 7 identifiable graves dressings
- Area 3 has 2 identifiable grave dressings
- Area 4 has 5 identifiable grave dressings

The grave relocation process consists of several phases;

- Identification of graves
- Detailed documentation of grave numbers and layout
- Placement of site signage
- Advertisements to the public to notify them of the identified graves (print and radio media)
- Reporting on findings to SAHRA
- Application for permit for relocation
- Exhumation
- Re-internment
- Final reporting

This report is based on the findings of the first four steps.

#### Legislation and methodology

G&A Heritage was appointed by Zitholele Consulting to mitigate the occurrence of grave and burial sites within the proposed Camden ADF area. Grave and Burial sites are protected under *Chapter 2*, *Part 2*, *Section 36 of the National Heritage Resources Act, 25 of 1999 (NHRA)*. The exhumation of graves within the Mpumalanga Province is regulated under the *Mpumalanga Cemeteries and Crematoria Act no.12 of 1996*. The relevant section of the NHRA is reproduced here in an effort to illustrate the relevance of the social work done.

#### The NHRA states that;

- 36. (1) Where it is not the responsibility of any other authority, SAHRA must conserve and generally care for burial grounds and graves protected in terms of this section, and it may make such arrangements for their conservation as it sees fit.
  - (2) SAHRA must identify and record the graves of victims of conflict and any other graves which it deems to be of cultural significance and may erect memorials associate with the grave referred to in subsection (1), and must maintain such memorials.
  - (3) (a) No person may, without a permit issued by SAHRA or a provincial heritage resources authority—destroy, damage, alter, exhume or remove from its original position or otherwise disturb the grave of a victim of conflict, or any burial ground or part thereof which contains such graves;
    - (b) destroy, damage, alter, exhume, remove from its original position or otherwise disturb any grave or burial ground older than 60 years which is situated outside a formal cemetery administered by a local authority; or



- (c) bring onto or use at a burial ground or grave referred to in paragraph (a) or(b) any excavation equipment, or any equipment which assists in the detection or recovery of metals.
- (4) SAHRA or a provincial heritage resources authority may not issue a permit for the destruction or damage of any burial ground or grave referred to in subsection (3)(a) unless it is satisfied that the applicant has made satisfactory arrangements for the exhumation and re-interment of the contents of such graves, at the cost of the applicant in accordance with any regulations made by the responsible heritage resources authority.
- (5) SAHRA or a provincial heritage resources authority may not issue a permit for any activity under subsection (3)(b) unless it is satisfied that the applicant has, in accordance with regulations made by the responsible heritage resources authority—
  - (a) made a concerted effort to contact and consult communities and individuals who by tradition have an interest in such grave or burial ground; and
  - (b) reached agreements with such communities and individuals regarding the future of such grave or burial ground.
- (6) Subject to the provision of any other law, any person who in the course of development or any other activity discovers the location of a grave, the existence of which was previously unknown, must immediately cease such activity and report the discovery to the responsible heritage resources authority which must, in co-operation with the South African Police Service and in accordance with regulations of the responsible heritage resources authority—
  - (a) carry out an investigation for the purpose of obtaining information on whether or not such grave is protected in terms of this Act or is of significance to any community; and
  - (b) if such grave is protected or is of significance, assist any person who or community which is a direct descendant to make arrangements for the exhumation and re-interment of the contents of such grave or, in the absence of such person or community, make any such arrangements as it deems fit.
- (7) (a) SAHRA must, over a period of five years from the commencement of this Act, submit to the Minister for his or her approval lists of graves and burial grounds of persons connected with the liberation struggle and who died in exile or as a result of the action of State security forces or agents provocateur and which, after a process of public consultation, it believes should be included among those protected under this section.
  - (b) The Minister must publish such lists as he or she approves in the Gazette.
- (8) Subject to section 56(2), SAHRA has the power, with respect to the graves of victims of conflict outside the Republic, to perform any function of a provincial heritage resources authority in terms of this section.
- (9) SAHRA must assist other State Departments in identifying graves in a foreign country of victims of conflict connected with the liberation struggle and, following negotiations with the next of kin, or relevant authorities, it may re-inter the remains of that person in a prominent place in the capital of the Republic.

The above legislation is only relevant for the purposes of the second phase of investigation i.e. *Identification of buried individuals and next of kin*.

'Grave' means a place of interment and includes the contents, headstone or other marker of, and any other structures, on or associated with such place. The South African Heritage Resources Agency (SAHRA) will only issue a permit for the alteration of a grave if it is satisfied that every reasonable effort has been made to contact and obtain permission from the families concerned. The acquisition of the said permits will, however be part of the second phase of investigation and does not form part of this report.



The removal of graves is subject to the following procedures as outlined by the SAHRA:

- Notification of the impending removals (using English and local language media and notices at the grave site);
- Consultation with individuals or communities related or known to the deceased;
- Satisfactory arrangements for the curation of human remains and / or headstones in a museum, where applicable;
- Procurement of a permit from the SAHRA;
- Appropriate arrangements for the exhumation (by a suitably trained archaeologist) and reinterment (sometimes by a registered undertaker, in a formally proclaimed cemetery);
- Observation of rituals or ceremonies required by the families if identified.

## **Background Information**

#### PROJECT DESCRIPTION

The proposed project is the extension of the ADF and associated infrastructure for the Camden Power Station. The ADF as well as its infrastructure is briefly described below.

#### Proposed Ash Disposal Site

The following components of the ash disposal site are being taken into consideration:

- · The lifespan of the facility;
- · Footprint of the facility (ground space);
- · Height of the facility (airspace);
- · Type of waste (ash and brine) to be disposed as well as the volumes (waste stream analysis); and
- · Geotechnical, hydrogeological conditions and foundation design.

#### Footprint and lifespan of the facility

The new ash disposal site will need to cater for an estimated 25 million m<sup>3</sup> of ash slurry up to 2033. The site will be 99 ha at about 40 m height. Additional structures *inter alia* ash water return dams and pipelines etc. will increase the footprint by an estimated 38 ha. The conceptual design of the facility was completed during the EIA phase.

#### Sources of Waste to be disposed

The waste that requires disposal on the ash disposal facilities originates from

- Fly ash and coarse ash, from the coal burning operations, which are disposed of at the ADF, through wet ashing processes; and
- Four streams of liquid effluent, being:
  - Cooling Water Blow-down;
  - o Effluent from the demineralisation (Demin) Plant;
  - o Return water from the current ADF; and recently
  - o Effluent from the Reverse Osmosis (RO) Plant.

The ash will be transported via pipelines to the ADF from the various source areas. It should be noted that the ash is a wet ash and this slurry is pumped to the ADF, from where the water enters the ash water return dam before recycling to the ash transportation system.

#### SITE LOCATION

The proposed project is located at the existing Camden Power Station 12 km from Ermelo in the Mpumalanga Province. Please refer to Addendum B for an illustration of the location of the site.



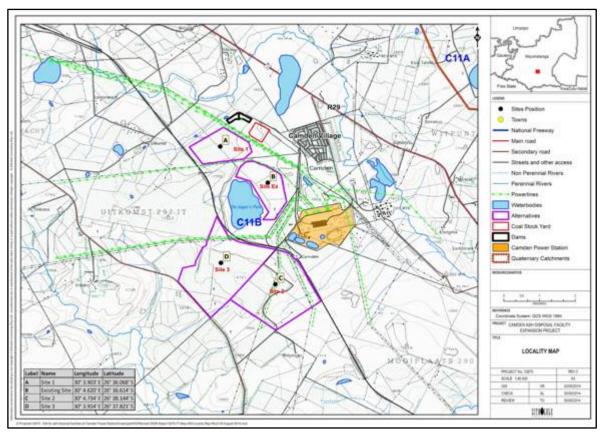


Figure 1. Camden Ash Dam Study Areas

#### **GRAVE IDENTIFICATION COMPONENTS**

This evaluation was performed in four phases:

#### 1. Archival and database research

This component involved the identification of previous studies in the area, accumulation of scientific and popular publications on the area and the evaluation of historic map sets.

#### 2. Field investigations

This component involves the ground-truthing of information retrieved through the social consultation process. Where graves were identified it was documented photographically and plotted using GPS with the WGS 84 datum point as reference.

#### 3. Social consultation

The aim of the social consultation process was to notify the public of the graves that were discovered and to request the public to come forward with any information on the graves identified. This process involved placing advertisements in the local newspaper, putting up site notices around the affected area, radio broadcasts through the local radio station, distributing flyers to the public and interaction with communities in the affected area to try and identify anyone who might be able to advise on ownership of the graves, indicate the location of identified graves (to prove connection) or the origin of known graves.

#### 4. Grave Identification Reporting

This phase of the investigation is where the results of the previous two phases of investigation are reported on, and evaluations are given regarding the heritage sensitivity of the area as well as recommendations on further actions needed.

#### **ARCHIVAL RESEARCH**

Two main sources of information regarding the location of possible graves within this area could be identified. These were:

- o Previous heritage studies in the area as per the SAHRIS database
- o Historic maps and figures as available in the National Archive



#### LOCATION OF GRAVE SITES

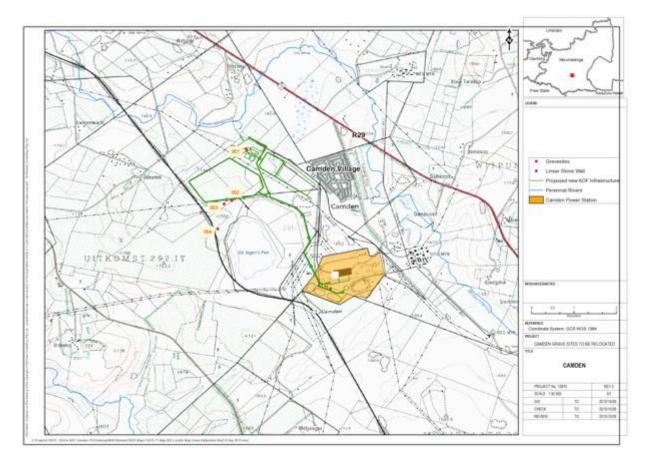


Figure 2. Map locations – (Red dots indicate sites)





# **FINDINGS**

## **GRAVE SITES**

SITE 001

GPS S26° 35' 40" E30° 04' 10"



Figure 3. Graves at Site 001



Figure 4. Irregular grave dressings at Site 001



This site contains 19 distinct graves dressings. This consists of the same kind of porous iron ore rock. Some gravesites are more distinct than others.

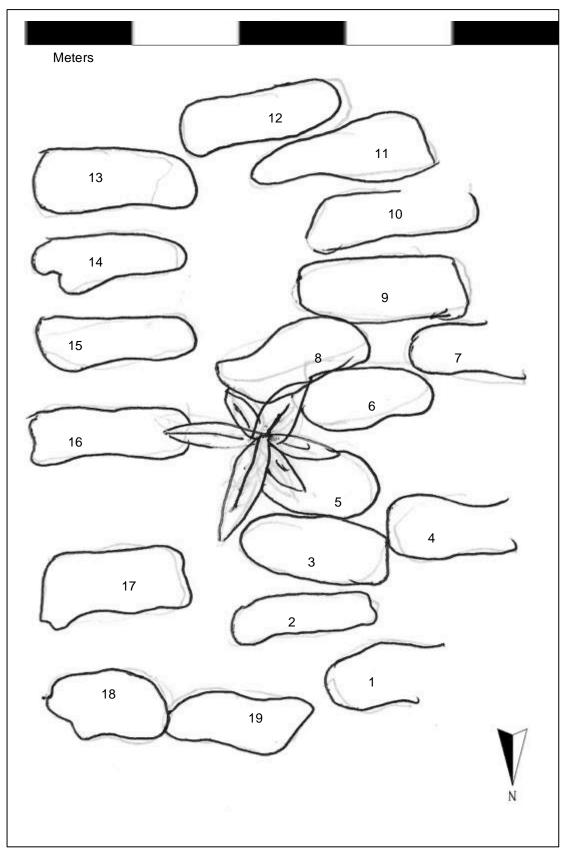


Figure 5. Layout map for Site 1 Graves





Figure 6. Grave 1



Figure 7. Grave 2





Figure 8. Grave 3



Figure 9. Grave 4





Figure 10. Grave 5



Figure 11. Grave 6



Figure 12. Grave 7



Figure 13. Grave 8





Figure 14. Grave 9



Figure 15. Grave 10



Figure 16. Grave 11



Figure 17. Grave 12





Figure 18. Grave 13



Figure 19. Grave 14





Figure 20. Grave 15



Figure 21. Grave 16



Figure 22. Grave 17



Figure 23. Grave 18



#### GRAVE 19



Figure 24. Grave 19

## **SITE 002**

GPS S26° 36' 19" E30° 03' 59"

This is a burial site with two distinct graves indicated by stone cairns. The site is found within the power distribution line servitude.



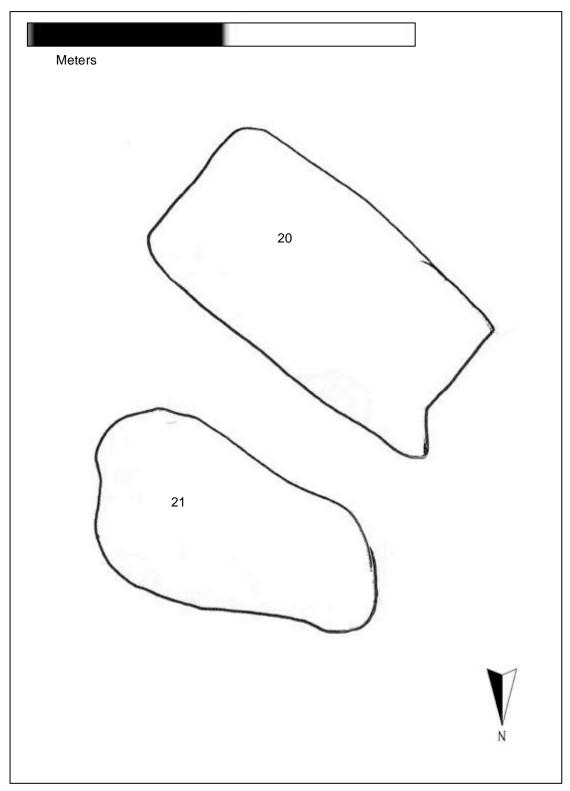


Figure 25. Layout map for Site 2 Graves





Figure 26. Grave 20



Figure 27. Grave 21



## **SITE 003**

GPS S26° 36′ 25,5″ E30° 03′ 47,5″

This site lies to the south of Site 002 and consists of seven distinct grave dressings.

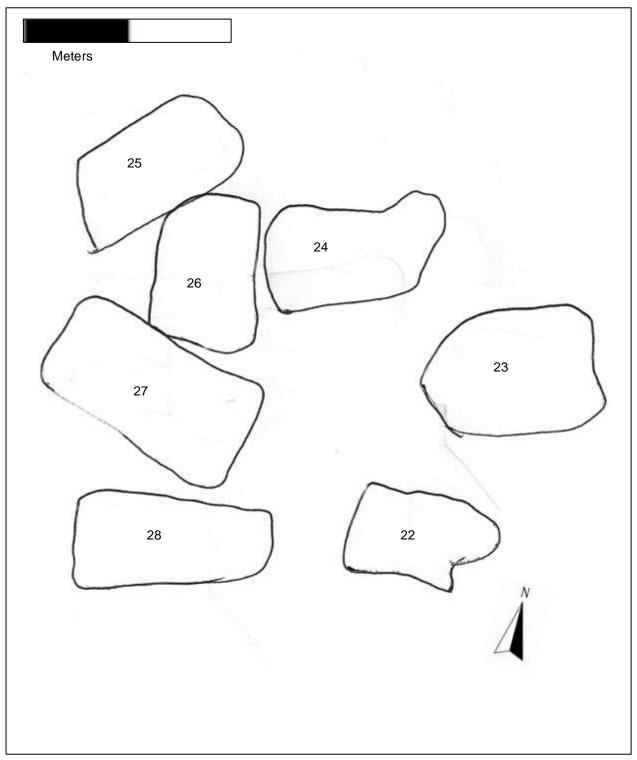


Figure 28. Layout map for Site 2 Graves





Figure 29. Grave 22



Figure 30. Grave 23



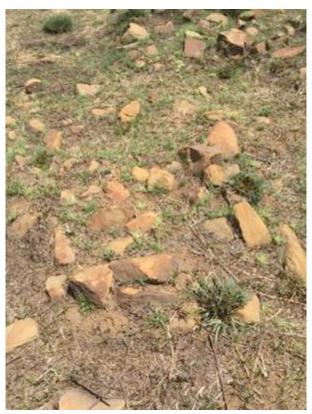


Figure 31. Grave 24



Figure 32. Grave 25





Figure 33. Grave 26



Figure 34. Grave 27



Figure 35. Grave 28

## **SITE 003**

GPS S26° 36′ 40,5″ E30° 03′ 48,1″



Figure 36. Location of graves at Site 004





## SOCIAL CONSULTATION

## **IDENTIFYING NEXT OF KIN**

## PRINT ADVERTISING

The following advert was placed in the *Highvelder* Newspaper and was running from 14 October 2015 until 21 October 2015. The verified amount of graves increased after the placement of the ads, however after consultation with SAHRA it was decided that this would not adversely affect the outcome of the public participation.



Figure 37. Advertisement in Highvelder

This ad was placed in the Highveld Tribune on 13 October 2015.





Figure 38. Highveld Tribune Ad

## RADIO ADVERTISEMENT

Radio Ermelo will make regular announcement for one and a half week from the 13th to the 23rd October 2015 regarding the public consultation for the proposed relocation.







Reference 1/2015

G&A Hertage en Eskom holdings

Radio Ermelo

Voortrekker street 39

Ermelo

2351

#### Good day,

We hereby confirm that Radio Ermelo has broadcast the public notice supplied to us by G&A Heritage. G&A Heritage approached us to broadcast the notice in accordance with Article 35 and 36 of the National Heritage Resources Act, 25 of 1999. Relocation of 28 graves at the Camden Power Station are being applied for.

The broadcasts were as follows;

2015-10-14 Wednesday 13.10

2015-10-15 Thursday 13.15

2015-10-16 Friday 14.30

Thank you,

Kind regards

ART 21 MPY: 95/12366/08

Junita van Rooyen

Postnet Suite 888 P/bag X9013 Ermelo 2350 Studio: Voortrekker In 39 Ermelo 2351

Tel / Fax: 017 811 7955

Broadcast License: PROV/COM/12/02/2003/P Cell: 0826970250 Johan Marketing: Gerhard 082 624 6730

email: ateljee@radioermelo.co.za

Figure 39. Letter from Radio Ermelo received 16 October 2015 indicating announcements that have already been broadcasted for the proposed project.



## **FLYERS**

A thousand flyers were distributed in the townships and villages around the proposed development where the graves for relocation are found.

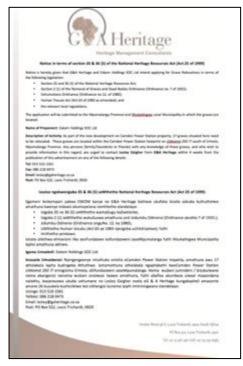


Figure 40. Flyers distributed

## **COMMUNITY MEETINGS**

Several occupational structures in and around the Camden Power Station were visited and the inhabitants interviewed as to their knowledge of the graves identified. Several people within the Ermelo settlement were also interviewed. No one had any knowledge of the graves.



Figure 41. Areas visited



## SIGNAGE

Signs describing the proposed activity and the location of the graves were put up both at the burial sites and other likely areas where interested people could read them.



Figure 42. Signage at Site 1



Figure 43. Site 2





Figure 44. Signage at Site 3 26° 36' 25,5"S, 30° 03' 47,5"E



Figure 45. Sign at entrance to agricultural field





Figure 46. Sign at access road to agricultural fields



Figure 47. Sign at access road to agricultural fields



Figure 48. Sign at entance to Camden Power Station

## Table of Signage Locations

Sign no	GPS Location	Description
1	S26° 35' 40,0"	Sign on northern side of burial Site 1
	E30° 04' 11,3"	
2	S26° 35' 40,2"	Sign on southern side of burial Site 1
	E30° 04' 10,6"	
3	S26° 36' 19,5"	Sign at burial Site 2
	E30° 04' 00,0"	
4	S26° 36' 22,8"	Sign at Burial Site 3
	E30° 03' 46,4"	
5	S26° 35' 35,4"	Sign at entrance to agricultural fields
	E30° 04' 17,4"	
6	S26° 35' 41,9"	Sign at access road to agricultural fields
	E30° 04' 30,0"	
7	S26° 36' 06,0"	Sign at the Camden School
	E30° 05' 05,1"	
8	S26° 35' 41,2"	Sign at entrance road to Camden Power Station
	E30° 05' 24,4"	

