

**APPENDIX D**

**ARCHAEOLOGICAL SPECIALIST REPORT**

# Agency for Cultural Resource Management

Specialists in Archaeological Studies and Heritage Resource Management

PO Box 159 Riebeeck West 7306 Phone/Fax 022-461 2755  
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**05 December, 2006**

Att: Mr Fuad Fredericks  
CCA Environmental (Pty) Ltd  
PO Box 10145  
Caledon Square  
7905

Dear Mr Fredericks

## **PHASE 1 ARCHAEOLOGICAL IMPACT ASSESSMENT PROPOSED REZONING OF PORTION 8 OF THE FARM FIRLANDS NO. 959 STELLENBOSCH WESTERN CAPE PROVINCE**

### **1. Introduction and brief**

CCA Environmental (Pty) Ltd<sup>1</sup>, on behalf of Dar Al-Ulum Al-Arabiyyah Al-Islamiyyah requested that the Agency for Cultural Resource Management conduct a Phase 1 Archaeological Impact Assessment for the proposed construction of an institutional building and staff accommodation on Portion 8 of the Farm Firlands No. 959 (registered in Stellenbosch), near Gordons Bay.

The subject property is currently zoned Agriculture 1. Facilitation of the development requires rezoning to Residential to accommodate the proposed development activities.

The extent of the proposed development (about 1.5 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).

The site visit and assessment took place on the 4<sup>th</sup> December, 2006.

A locality map is illustrated in Figure 1.

An aerial photograph of the subject property is illustrated in Figure 2.

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<sup>1</sup> CCA Environmental (Pty) Ltd is represented by Mr Fuad Fredericks. Fax: (021) 461 1120

## **2. Terms of reference**

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

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

## **3. The study site**

The subject property (S° 34 08 58 E° 18 53 00 on map datum wgs 84) is located about 1 km south of the N2 and about 6 kms north east of Gordons Bay. Access to the property is via the N2. Currently, the property has an agricultural building that is used as an educational facility (the Dar Al-Ulum School). The bulk of the property is infested with alien vegetation resulting in low archaeological visibility. Several blocks of alien trees have been cleared from the site and planted out with olives and grasses. A small dam is located in the north eastern corner of the property. Some dumping of rubble has also taken place on the property. The receiving environment is disturbed and in a severely degraded and altered state (Figures 3-10).

The surrounding land use comprises small holdings used for rural and agricultural land uses.

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

The subject property was subjected to a foot survey.

## **5. Results of the study**

One retouched Early Stone Age quartzite flake was found in a densely wooded area in the south eastern corner of the property.

**The archaeological heritage remains have been rated as having low local significance.**

## **6. Impact statement**

The impact of the proposed development on archaeological heritage remains is likely to be very low.

The probability of locating significant archaeological heritage remains during implementation of the project is likely to be highly improbable.

The assessment of the potential impact on archaeological resources is summarised in Table 1.

	<b>Without Mitigation</b>	<b>With Mitigation</b>
<b>Extent</b>	Local	Local
<b>Duration</b>	Short term	Short term
<b>Intensity</b>	Low	Low
<b>Significance</b>	Very Low	Very Low
<b>Status</b>	Neutral	Neutral
<b>Probability</b>	Improbable	Improbable
<b>Confidence</b>	High	High

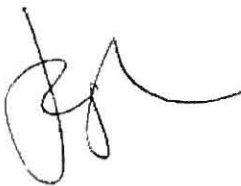
**Table 1. Archaeological impact assessment: proposed rezoning of Portion 8 of the Farm Firlands 959 Gordons Bay**

## **7. Conclusion**

The archaeological assessment has shown that Portion 8 of the Farm Firlands No. 959 is suitable for development.

The affected property is not considered to be archaeologically sensitive, vulnerable or threatened.

Yours sincerely



Jonathan Kaplan

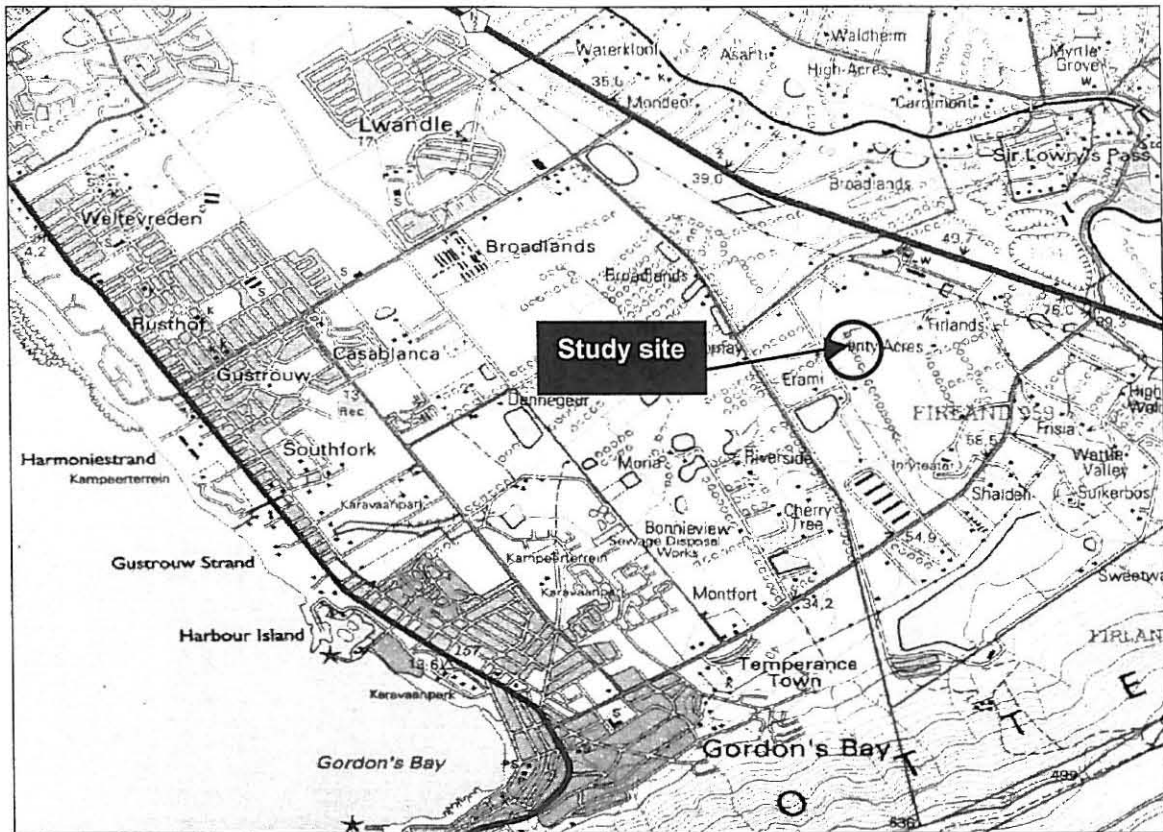


Figure 1. Locality Map (3418BB Somerset West)

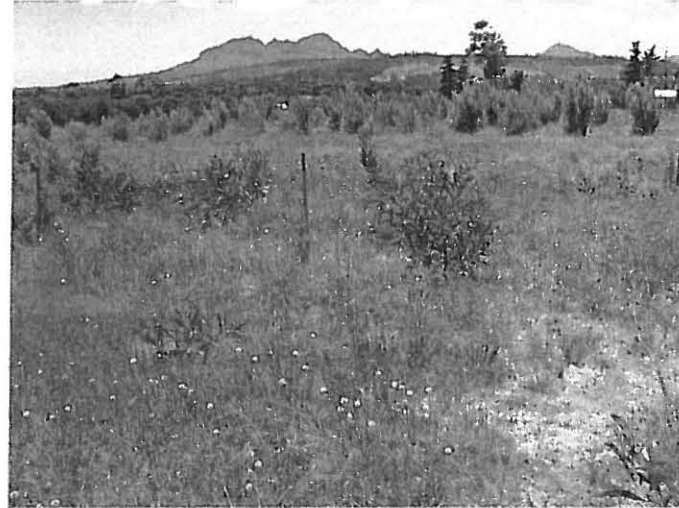


Figure 2. Aerial photograph of the study site

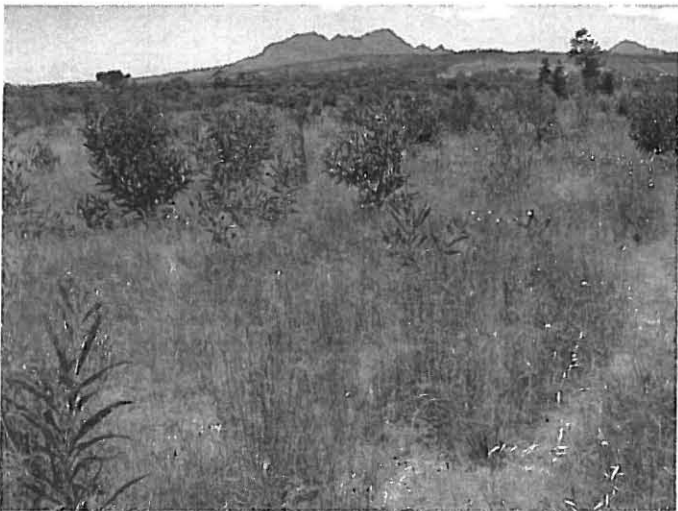




**Figure 3. View of the site facing north. The Dar Al-Ulum School is in the background of the plate**



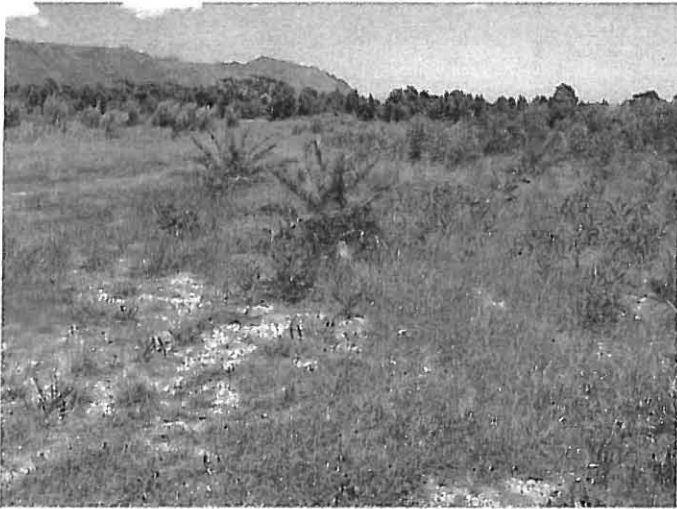
**Figure 5. View of the site facing north west. The Olive orchard is in the background of the plate**



**Figure 4. View of the site facing north west**



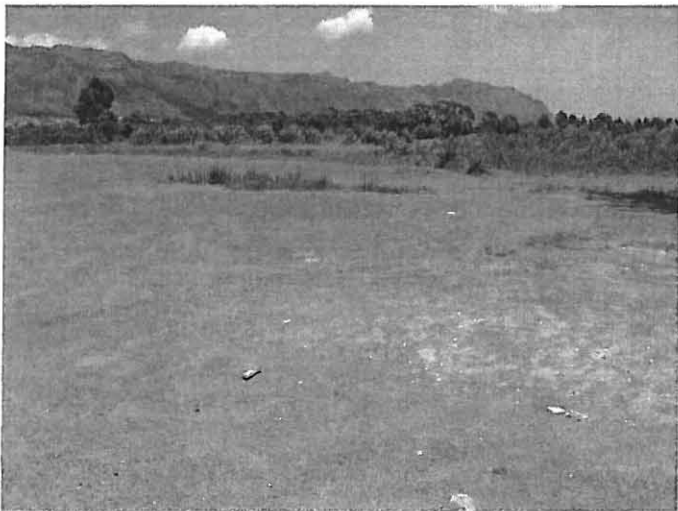
**Figure 6. View of the site facing east**



**Figure 7. View of the site facing south east. Gordons Bay Mountains are in the background of the plate**



**Figure 9. View of the site facing west**



**Figure 8. View of the site facing south east**



**Figure 10. View of the site facing south**

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E-mail: [acrm@wcaccess.co.za](mailto:acrm@wcaccess.co.za) Cellular: 082 321 0172

23 June, 2008

**Att:** Ms Tamryn Koning  
CCA Environmental (Pty) Ltd  
Unit 35 Roeland Square  
30 Drury Lane  
Cape Town  
8000

Dear Ms Koning

## **ARCHAEOLOGICAL ASSESSMENT PROPOSED WATER PIPELINE FROM PORTION 8 OF THE FARM FIRLANDS NO. 959 STELLENBOSCH WESTERN CAPE PROVINCE**

### **1. Introduction and brief**

CCA Environmental (Pty) Ltd<sup>1</sup>, on behalf of Dar Al-Ulum Al-Arabiyyah Al-Islamiyyah requested that the Agency for Cultural Resource Management conduct an archaeological impact assessment for a proposed water pipeline from Portion 8 of the Farm Firlands No. 959 (registered in Stellenbosch), till a nearby municipal connection near Gordons Bay. The proposed pipeline is about 1.5 km long.

A Phase 1 Archaeological Impact Assessment (AIA) of a proposed development on the subject property was undertaken in 2006<sup>2</sup>. The proposed development entails the construction of an institutional building for the Dar Al-Ulum School.

The proposed civil services are required in order to complement the proposed development.

One retouched Early Stone Age quartzite flake was found in a densely wooded area in the south eastern corner of the property during the Phase 1 AIA.

The extent of the proposed development (a linear development exceeding more than 300m in length) 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).

A locality map is illustrated in Figure 1.

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<sup>1</sup> CCA Environmental (Pty) Ltd is represented by Ms Tamryn Koning Fax: (021) 461 1120

<sup>2</sup> Kaplan, 2006. Phase 1 Archaeological Impact Assessment proposed rezoning of Portion 8 of the Farm Firlands No. 959 Stellenbosch. Report prepared for CCA Environmental (Pty) Ltd. Agency for Cultural Resource Management.



An aerial photograph of the subject property indicating the proposed pipeline is illustrated in Figure 2.

## **2. Terms of reference**

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

- Identify and map heritage resources affected by the proposed project;
- Determine the importance of heritage resources affected by the proposed project;
- Determine and assess the potential impacts of the proposed project on the heritage resources, and
- Recommend mitigation measures to minimise impacts associated with the proposed project.

## **3. The study site**

The subject property (S° 34 08 58 E° 18 53 00 on map datum wgs 84) is located about 1 km south of the N2 and about 6 kms north east of Gordons Bay. Access to the property is via the N2. Currently, the property has an agricultural building that is used as an educational facility (the Dar Al-Ulum School). The surrounding land use comprises small holdings used for rural and agricultural land uses.

The proposed pipeline route will be situated within an existing road reserve and will link with a municipal connection via Sir Lowry's Pass Road (Figures 3-6).

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

The proposed pipeline route was searched for archaeological remains.

The site visit and assessment took place on the 21<sup>st</sup> June, 2008.

## **5. Results of the study**

No archaeological remains were documented during the study.

The pipeline is situated in an existing road reserve and constitutes an already disturbed and modified environment.

## **6. Impact statement**

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

The probability of locating significant archaeological heritage remains during implementation of the project is likely to be highly improbable.

## 7. Conclusion

The Phase 1 Archaeological Impact Assessment has identified no significant impacts to pre-colonial archaeological material that will need to be mitigated prior to proposed construction activities.

Yours sincerely

A handwritten signature in black ink, appearing to be 'JK' with a long horizontal flourish extending to the right.

Jonathan Kaplan

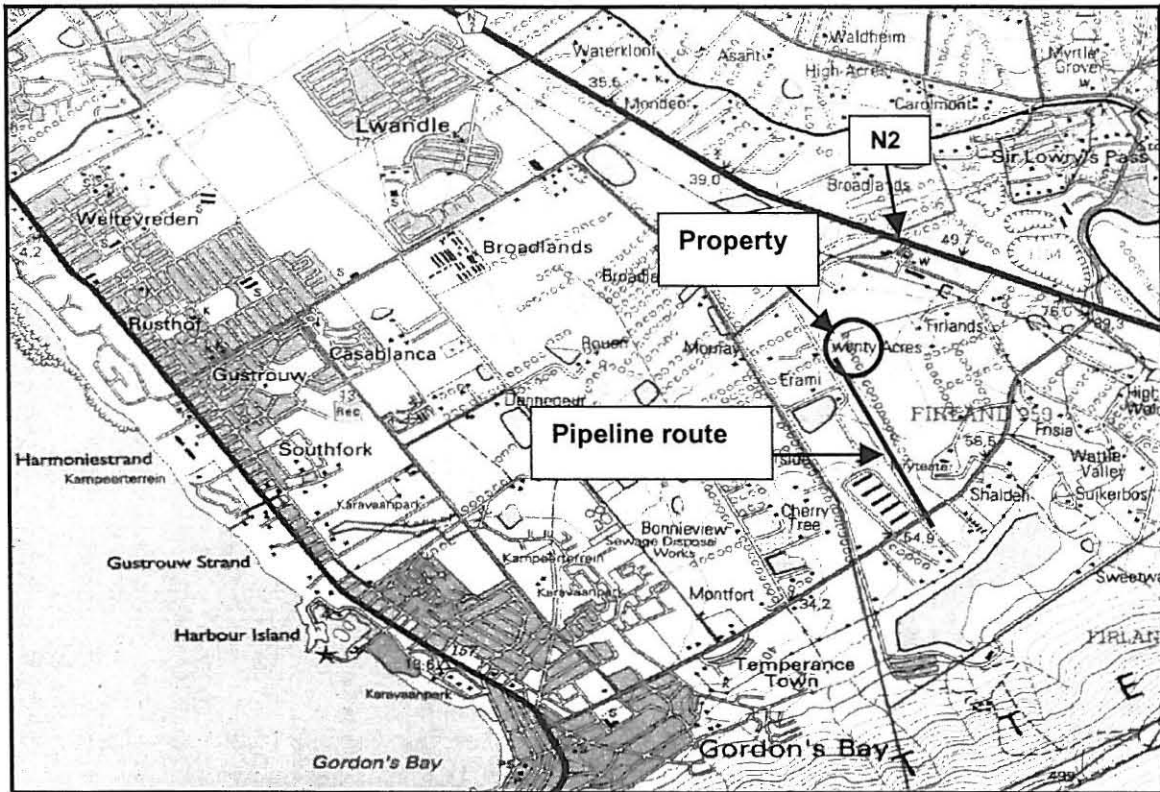


Figure 1. Locality Map (3418BB Somerset West)

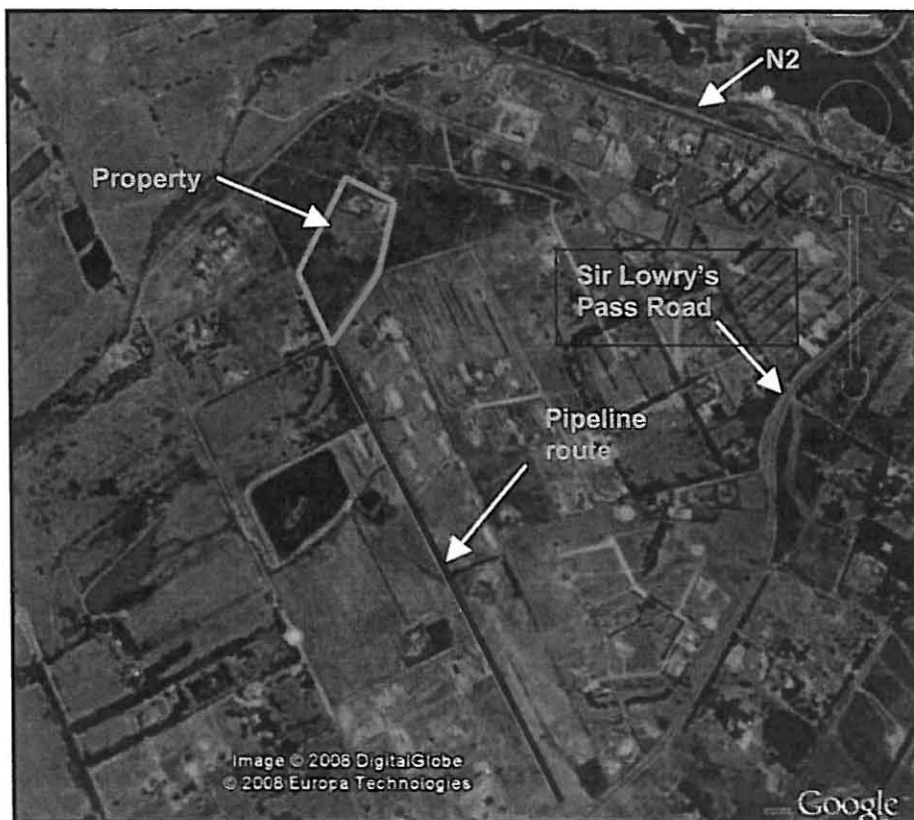
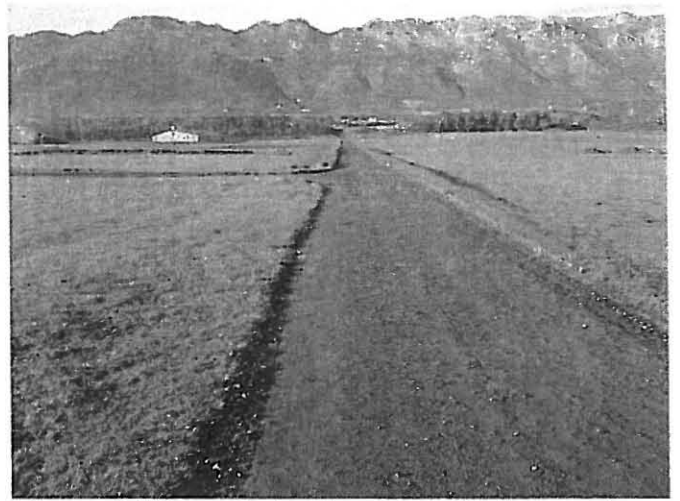


Figure 2. Aerial photograph of the study site



**Figure 3. View of pipeline route facing east**



**Figure 5. View of pipeline route facing east**



**Figure 4. View of pipeline route facing east**



**Figure 6. View of pipeline route facing east**