



Date: 2 10 2017

Dear Sir/Madam

#### **40 Lion Street archaeological feature**

This letter serves to confirm that I conducted an investigation into erf 2970 (40 Lion Street, Cape Town) with respect to identifying the nature of the quarry feature on the site. The erf is to be redeveloped but does not trigger an HIA as it is too small.

This work has been done mainly through over laying a series of historic maps and images. Clearly the feature was not something of importance as it appears on few of the historic maps of the area.

At present the erf is open and used for cultivation of crops. The feature in question is now a low earth filled hollow in the center of the erf.

I overlaid maps of the Snow survey of 1862, the Thom survey which was extended to cover the Green Point areas in 1897 (geo-rectified versions held by ACO). I also checked our geo-rectified versions of the 1929 aerial photograph series and then checked the 1926 and 1940 surveyor general topo maps of the area. The feature is depicted most clearly on the Thom 1897 survey (figure 2) where it takes the form of a recession in the slope of Signal Hill that is fed by a furrow that flows down the Military Road area. The feature is not clearly reflected on the Snow Survey, or any other maps and survey diagrams.

A deeper check of the Thom survey revealed that there are no less than three similar features that are associated with Military Road. For this reason, indications are that the feature is a borrow pit or quarry associated, possibly with the construction of Military Road. This was then used as a retention dam to collect run-off from Military Road. Military Road was likely to have been formalized circa 1887 when the Royal Engineers set about a program of renewal of the Cape's defenses in response to a threat caused by Russian Tzarist ambitions at that time. Although this threat was short lived, gun emplacements throughout the colonies were strengthened. Military Road had to be strengthened to allow for the transport of the 6 inch and 9 inch breech loader gun barrels and other components as well as the haulage of ammunition.

A site inspection has shows that Military Road has been repaired and re-surfaced and the culverts alongside and under the road renewed with modern fabric. As the quarry and probably parts of culvert leading in to it may be more than 100 years old, in terms of the law it is necessary to apply for a permit for its demolition as an archaeological site from HWC. It may be argued that much of the culvert has been renewed and is of little archaeological interest. The feature is not of such significance that it should stop development, however there are some recommendations as follows.

- 1) It will be necessary (arguably) to apply for a demolition permit from HWC.
- 2) When the site is cleared and excavated, an archaeologist must be present to photograph and record the site and check if there are any significant artefacts in the quarry (which is not expected).
- 3) A field grading of "ungraded" is suggested.

Please find copies of mapping data below.

Yours sincerely

TJG Hart.





**Figure 1 Existing culvert under Military Road**







**Figure 2 Project area.**











**Figure 4** The 1897 Thom survey shows a road run-off gulley and what appears to be a retention pond on the area at the time. There is a similar feature further up the road to the north and a further run-off gully beyond that (off map).





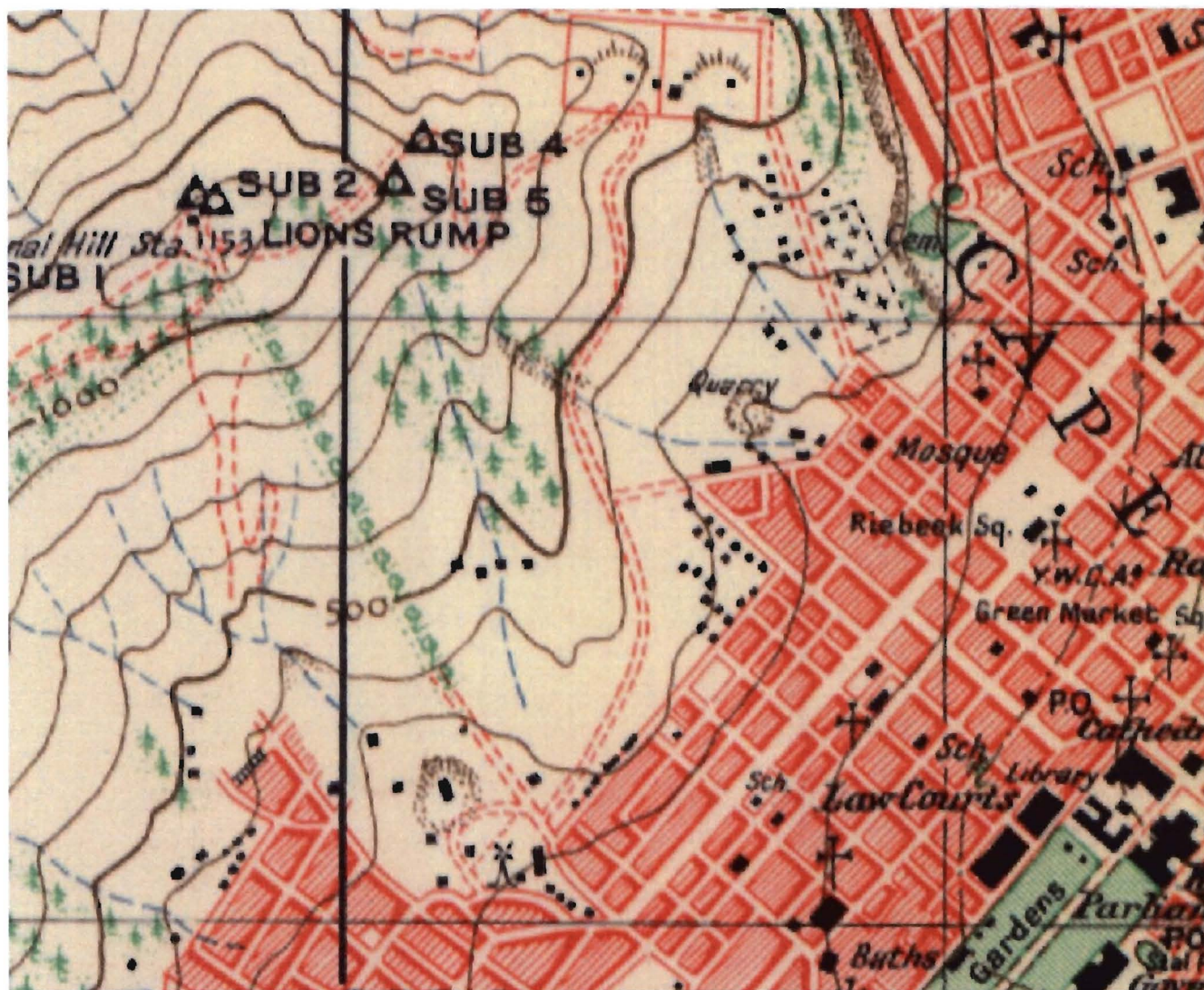


Figure 5 By 1936 the feature is no longer recorded although there are other quarries indicated as being present.









## Annexure B

### APPLICATION FOR AN ARCHAEOLOGICAL PERMIT

TO DESTROY, DAMAGE, EXCAVATE, ALTER, DEFACE OR OTHERWISE DISTURB  
ANY ARCHAEOLOGICAL SITE,  
OR  
DESTROY, DAMAGE, EXCAVATE, REMOVE FROM ITS ORIGINAL POSITION,  
OR  
COLLECT ANY ARCHAEOLOGICAL MATERIAL OR OBJECT  
OR  
BRING ONTO OR USE AT AN ARCHAEOLOGICAL SITE ANY EXCAVATION  
EQUIPMENT OR ANY EQUIPMENT THAT ASSISTS IN THE DETECTION OR  
RECOVERY OF METALS OR ARCHAEOLOGICAL MATERIAL OR OBJECTS,

PROTECTED IN TERMS OF SECTION 35(4) OF THE NATIONAL HERITAGE  
RESOURCES ACT (ACT 25 OF 1999)

FILL IN ALL SECTIONS RELATING TO YOUR APPLICATION.

#### 1. DETAILS OF ARCHAEOLOGICAL SITE

- 1.1 Name and physical address of site: 40 Lion Street, Cape Town
- 1.2 Erf/Stand/Farm name and number: erf 2970
- 1.3 Type of site (Provide a short description of the site, on a separate sheet): See included
- 1.3.1 Period, era, age or date of site: 19th century Quarry and culvert
- 1.4 Magisterial district in which the site, place or structure is situated (essential): Cape Town
- 1.4.1 Planning authority (if known): City of Cape Town
- 1.5 Is the site a declared provincial heritage site or provisionally protected place? No YES / NO  
If so, please attach a photocopy of the gazette notice or provide the following information:
- 1.5.1 Date of notice of declaration or provisional protection in the *Government Gazette* or *Provincial Gazette* (dd/mm/yy) (if known): N/a
- 1.5.2 Number of notice of declaration or provisional protection in the *Government Gazette* or *Provincial Gazette* (if known): N/a
- 1.5.3 Number of *Government Gazette* or *Provincial Gazette* (if known): N/a
- 1.5.4 Date of publication of the *Government Gazette* or *Provincial Gazette* (dd/mm/yy) (if known): N/a
- 1.6 Current use of property: Vacant - previously vegetable cultivation.
- 1.7 Cadastral or geographical co-ordinates of the site, place or structure (Mark the position of the site on a copy of a 1:10 000 map / aerial photograph or a 1:50 000 map and include this in your application):
- 1.7.1 Name and number of 1:50 000 (or larger scale) map: n/a
- 1.7.2 Latitude and longitude (where possible supply decimal version): Lat: -33.923832 Lon: 18.410867
- 1.7.3 Spatial Referencing System:  
☐ Global position Datum: Old Cape / WGS84 / Other (Please specify date of reading):  
☐ Trigonometry Date of map: ESRI South Africa, Dept Rural Development and Land Reform  
☐ Other Date of recording: 2017

#### 2. DETAILS OF THE APPLICANT

- 2.1 Name and Title: Mr Tim Hart
- 2.2 Address: 8 Jacobs ladder St James
- 2.3 Postal code: 7945
- 2.4 Contact numbers:
- 2.4.1 Telephone area code: (021...) Telephone number: (w) 7064104 (h) 021 7884764
- 2.4.2 Facsimile area code: (086...) Facsimile number: 603 7195



2.4.3 Cellular phone number: 073 1418618  
2.4.4 E-mail: tim.hart@aco-associates.com  
2.5 Qualifications and experience of the applicant: 30 years experience  
2.6 Current academic status of the applicant: Employed, owner of consultancy firm  
2.7 Identity number / Passport number of the applicant: 6007295052087

2.8 Declaration of applicant: I, Timothy J.G. Hart  
hereby declare that I undertake to comply with the conditions and restrictions or directions under which  
Heritage Western Cape may issue the permit for which I am applying.

Signature of applicant: [Signature] Date: 12/10/2017

2.9 Declaration of Research Supervisor if applicant is a research student:  
I, n/a  
hereby declare that I will support this project and will assist the student to comply with the conditions  
and restrictions or directions under which Heritage Western Cape may issue the permit for which this  
student is applying.

Signature of Research Supervisor: \_\_\_\_\_ Date: \_\_\_\_\_

3. **NAME AND ADDRESS OF AUTHORISED REPRESENTATIVE(S) OF THE APPLICANT  
WHO WILL BE PERMANENTLY ON SITE DURING THE ACTION**

3.1 Name and Title: Jess Robinson  
3.2 Address: Unit d17, Prime Park, Mocke Road  
3.3 Postal code: 7800  
3.4 Contact Details:  
3.4.1 Telephone area code: (..021) Telephone number: 7064104  
3.4.2 Facsimile area code: (..086) Facsimile number: 6037195  
3.4.3 Cellular phone number: 082 7001092  
3.4.4 E-mail: Jess.Robinson@ACO-Associates.com  
3.5 Identity number: 9003230104080  
3.6 Qualifications and/or relevant experience of authorised representative/s: BA Hons 6 years working

3.7 Will the authorised representative/s undertake the actions under supervision of the applicant? Yes Yes/No  
3.8 Declaration: I, JESSICA-LEE ROBINSON hereby declare that I  
will undertake the actions under the supervision of the applicant.

Signature of authorised representative: [Signature] Date: 12/10/2017

4. **DETAILS OF THE REGISTERED OWNER OF THE SITE** (A letter from the owner giving the following details and  
comment on the planned action may be submitted)

4.1 Name and Title: See included  
4.2 Address: See included  
4.3 Postal code: See included  
4.4 Contact detail  
4.4.1 Telephone area code: (.....) Telephone number: See included  
4.4.2 Facsimile area code: (.....) Facsimile number: See included  
4.4.3 Cellular phone number: See included  
4.4.4 E-mail: See included  
4.5 Identity number: See included

4.6 Declaration: I, ..... am fully  
aware of this application and accept its contents.

Signature of owner: \_\_\_\_\_ Date: \_\_\_\_\_

4.7 Comments from owner on planned action (if any) \_\_\_\_\_





- 2.4.3 Cellular phone number: .....  
 2.4.4 E-mail: .....  
 2.5 Qualifications and experience of the applicant: .....  
 2.6 Current academic status of the applicant: .....  
 2.7 Identity number / Passport number of the applicant: .....

2.8 Declaration of applicant: I, .....  
 hereby declare that I undertake to comply with the conditions and restrictions or directions under which  
 Heritage Western Cape may issue the permit for which I am applying.

Signature of applicant: ..... Date: .....

2.9 Declaration of Research Supervisor if applicant is a research student:  
 I, .....  
 hereby declare that I will support this project and will assist the student to comply with the conditions  
 and restrictions or directions under which Heritage Western Cape may issue the permit for which this  
 student is applying.

Signature of Research Supervisor: ..... Date: .....

**3. NAME AND ADDRESS OF AUTHORISED REPRESENTATIVE(S) OF THE APPLICANT  
 WHO WILL BE PERMANENTLY ON SITE DURING THE ACTION**

- 3.1 Name and Title: .....  
 3.2 Address: .....  
 3.3 Postal code: .....  
 3.4 Contact Details:  
 3.4.1 Telephone area code: (.....) Telephone number: .....  
 3.4.2 Facsimile area code: (.....) Facsimile number: .....  
 3.4.3 Cellular phone number: .....  
 3.4.4 E-mail: .....  
 3.5 Identity number: .....  
 3.6 Qualifications and/or relevant experience of authorised representative/s: .....

3.7 Will the authorised representative/s undertake the actions under supervision of the applicant? ..... Yes/No  
 3.8 Declaration: I, ..... hereby declare that I  
 will undertake the actions under the supervision of the applicant.

Signature of authorised representative: ..... Date: .....

**4. DETAILS OF THE REGISTERED OWNER OF THE SITE (A letter from the owner giving the following details and  
 comment on the planned action may be submitted)**

- 4.1 Name and Title: SJJMC PROPERTIES  
 4.2 Address: 82 STRAND ST  
WAGSTADT CAPE TOWN  
 4.3 Postal code: 7925  
 4.4 Contact detail  
 4.4.1 Telephone area code: 083 Telephone number: 3876961  
 4.4.2 Facsimile area code: (.....) Facsimile number: .....  
 4.4.3 Cellular phone number: .....  
 4.4.4 E-mail: RUSSELL@PRIMEPROJECTS.CO.ZA  
 4.5 Identity number: 1001065032089

4.6 Declaration: I, RUSSELL BAKER ..... am fully  
 aware of this application and accept its contents.

Signature of owner:  ..... Date: 12/10/2017

4.7 Comments from owner on planned action (if any) .....



**5. PURPOSE OF THE APPLICATION (place a cross in the appropriate block(s) below)**

- 5.1 Type of work/Nature of activity:
- 5.1.1 Destruction for the purpose of:
- Analysis ☐ Dating ☐ Restoration ☐ **X**Other
- 5.1.2 Damage for:
- ☐ Analysis ☐ Dating ☐ Restoration ☐ Other
- 5.1.3 **X**Excavation
- 5.1.4 ☐ Alteration
- 5.1.5 ☐ Defacement
- 5.1.6 **X**Disturbance
- 5.1.7 **X**Removal from its original position
- 5.1.8 **X**Collection
- 5.1.9 **X**Use of excavation equipment or any equipment that assists in the detection or recovery of metals or archaeological material or objects  
(If relevant, provide a motivation for the use of mechanical excavation equipment or any equipment that assists in the detection or recovery of metal or archaeological material or objects.)
- 5.1.10 ☐ Removal of graffiti at a rock art site
- 5.2 Period for which the permit is required (maximum three years)/ Proposed date of completion of activity:  
From: ....**November 2017**..... To: **November 2019**.....
- 5.4 ☐ Re-application for permit Date and number of previous permit: (dd/mm/yy) ..... **N/a**

**6. DESCRIPTION OF AND MOTIVATION FOR THE ACTION PROPOSED**

(Provide a short description of the proposed action which must be supported by the documentation specified in 7 and 9 hereunder, as well as a full motivation for the proposed action, with reference to conservation policy and/or principles, where appropriate.) **Controlled destruction of low grade archaeological site**

**7. DETAILS OF COLLABORATING INSTITUTION WHERE THE APPLICANT WILL BE BASED WHILE UNDERTAKING THE PROJECT**

- 7.1 Name of the collaborating institution: ..... **N/a**
- 7.2 Name and Title of Head of the collaborating institution: .....
- 7.3 Identity number of the Head of the collaborating institution: .....
- 7.4 Address: .....
- 7.5 Postal code: .....
- 7.6 Telephone area code: (.....) Telephone number: .....
- 7.7 Facsimile area code: (.....) Facsimile number: .....
- 7.8 Cellular phone number: .....
- 7.9 E-mail: .....
- 7.10 Declaration of the Head of the collaborating institution: I, .....  
in my capacity as ..... of the .....  
hereby declare that the applicant will be based at this institution while undertaking the project and that I support the application.

Signature of the Head of the collaborating institution: ..... Date: .....

**DETAILS OF THE COLLABORATING INSTITUTION WHERE MATERIALS AND RECORDS WILL BE STORED AND CURATED** Monitoring and recording only. Artefactual material is not expected.

- 8.1 Name of the collaborating institution: .....
- 8.2 Name and title of Head of the collaborating institution: .....
- 8.3 Identity number of the Head of the collaborating institution: .....
- 8.4 Address: .....
- 8.5 Postal code: .....
- 8.6 Telephone area code: (.....) Telephone number: .....
- 8.7 Facsimile area code: (.....) Facsimile number: .....
- 8.8 Cellular phone number: .....
- 8.9 E-mail: .....



- 8.10 Declaration of the Head of the collaborating institution: I, .....,  
in my capacity as .....of the .....  
..... hereby declare that the collaborating institution has an official  
written collections policy and undertakes to store and curate the material and records from this project,  
once completed.

Signature of the Head of the collaborating institution: \_\_\_\_\_ Date: .....

**DOCUMENTATION TO ACCOMPANY THIS APPLICATION**

- 9.1 LOCALITY PLAN showing where the site is and a SITE PLAN showing the layout of the property and  
pertinent features relevant to the planned action.
- 9.2 SITE DESCRIPTION (see 1.3).
- 9.3 PROJECT DESCRIPTION AND MOTIVATION including relevant scientific background, motivation  
for use of mechanical equipment and plans for conservation of the site after the planned action (see 6)  
including plans for conservation of the site after the action.
- 9.4 VISUAL AIDS including photographs, videos of the site in its present form, where appropriate. Please  
provide captions and dates to all photographs.
- 9.5 Details and outcome of any PREVIOUS SUBMISSIONS made to any other authority (the former  
National Monuments Council (NMC), SAHRA, etc.) in respect to this application.
- 9.6 ANY ADDITIONAL PERTINENT INFORMATION that you believe will assist Heritage Western Cape  
to consider your application.

**PLEASE NOTE:**

- 10.1 Unless both the applicant and the head of the department / head of the institution which curates the  
material, sign the application form, and the registered owner either signs or supplies a letter approving  
the project, this form will not be processed by Heritage Western Cape.
- 10.2 **Applications are considered to be public documents and are open to public scrutiny. Should you  
wish your application to be kept confidential, please motivate your request on a separate sheet.**

When completed, please return this form to:

The Secretariat  
Heritage Western Cape Permit Committee  
Private Bag X9067  
CAPE TOWN  
8000

Telephone: 021 424-0410  
Fax 021 424-0457



