

**Our Ref:**



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: [info@sahra.org.za](mailto:info@sahra.org.za)  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
[www.sahra.org.za](http://www.sahra.org.za)

Enquiries: Natasha Higgitt  
Tel: 021 462 4502  
Email: [nhiggitt@sahra.org.za](mailto:nhiggitt@sahra.org.za)  
CaseID: 12271

Date: Friday August 24, 2018  
Page No: 1

## **Final Comment**

**In terms of Section 38(4), 38(8) of the National Heritage Resources Act (Act 25 of 1999)**

Attention: Enviroafrica CC

PO Box 5367  
Heilderberg  
7135

**The proposed development is to clear an area of 7m X 8m (56m<sup>2</sup>) to erect a 25m high Monopole mast with antennas situated on the top of the proposed structure. The proposed telecommunication mast and base station will be situated on a site zoned for Open Space II and located is within the urban area of Calvinia. The telecommunications mast, including associated infrastructure, is proposed on Erf 1644, Calvinia Sportsgrounds, Dorp Street, Calvinia, Northern Cape. The site co-ordinates are 31°28'8.18" S, 19°46'12.63" E.**

EnviroAfrica CC were appointed by Eagle Towers SA (Pty) Ltd to undertake Environmental Authorisation (EA) Application for the proposed 25 m high Telecommunications mast on Erf 1644, Calvinia Sportsgrounds, Dorp Street, Calvinia, Northern Cape. A Basic Assessment Report (BAR) has been submitted as per the National Environmental Management Act, No 107 of 1998 (NEMA), NEMA Environmental Impact Assessment (EIA) Regulations.

CTS Heritage was appointed to conduct the heritage component of the BAR.

*No author. 2018. Heritage Screener. Proposed 25m high telecommunications mast on erf 1644, Calvinia Sportsgrounds, Dorp Street, Calvinia, Northern Cape.*

The report concludes that the proposed development will not impact on heritage resources.

In Interim Comments issued on the 19/03/2018 and 17/05/2018, SAHRA had requested that a Palaeontological Letter of Recommendation for Exemption must be compiled by a qualified palaeontologist (see [www.palaeontologicalsociety.co.za](http://www.palaeontologicalsociety.co.za) for qualified paleontologists). The Letter must comply with the 2012 SAHRA Minimum Standards: Palaeontological Components of Heritage Impact Assessments.

*Almond, J. E. 2018. Palaeontological Specialist Study: Letter of Exemption for the proposed telecommunications mast on Erf 1644, Calvinia, Namaqua District, Northern Cape.*

**Our Ref:**



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: [info@sahra.org.za](mailto:info@sahra.org.za)  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
[www.sahra.org.za](http://www.sahra.org.za)

Enquiries: Natasha Higgitt  
Tel: 021 462 4502  
Email: [nhiggitt@sahra.org.za](mailto:nhiggitt@sahra.org.za)  
CaseID: 12271

Date: Friday August 24, 2018  
Page No: 2

The proposed telecommunications mast footprint is underlain by the Tierberg Formation (Ecca Group, Karoo Supergroup), the palaeosensitivity of which may be high locally (e.g. plant- and trace fossil-rich horizons) but is generally low. Most fossil remains here are of widely-occurring forms within the extensive outcrop area of the formation. The development area is highly likely to be highly weathered and the project footprint is very small with no deep excavations envisaged.

Recommendations provided in the report include the following:

- Should any substantial fossil remains (e.g. vertebrate bones and teeth, shells, calcretised burrows) be encountered during excavation, however, these should be reported to SAHRA for possible mitigation by a professional palaeontologist;
- A tabulated Chance Fossil Finds protocol is appended to this report;
- These mitigation recommendations should be incorporated into the Environmental Management Programme (EMPr) for the proposed development. A tabulated Chance Fossil Finds protocol is appended to this report.

## **Final Comment**

The SAHRA Archaeological, Palaeontological and Meteorites (APM) Unit has no objection to the development and supports the recommendations of the specialists. The recommendations of the specialists and the following conditions apply to the development and must be included in the Environmental Management Programme:

- The Final BAR and EMPr must be submitted for record purposes;
- If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Natasha Higgitt/Phillip Hine 021 462 5402) must be alerted. If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Mimi Seetelo 012 320 8490), must be alerted immediately. A professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the findings. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA.

Should the project be granted Environmental Authorisation, SAHRA must be notified and all relevant documents submitted to the case file.

**PROPOSED 25M HIGH TELECOMMUNICATIONS MAST ON ERF 1644, CALVINIA  
SPORTSGROUND, DORP STREET, CALVINIA, NORTHERN CAPE**

**Our Ref:**



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: [info@sahra.org.za](mailto:info@sahra.org.za)  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
[www.sahra.org.za](http://www.sahra.org.za)

Enquiries: Natasha Higgitt  
Tel: 021 462 4502  
Email: [nhiggitt@sahra.org.za](mailto:nhiggitt@sahra.org.za)  
CaseID: 12271

Date: Friday August 24, 2018  
Page No: 3

Should you have any further queries, please contact the designated official using the case number quoted above in the case header.

Yours faithfully

---

Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

---

Phillip Hine  
Acting Manager: Archaeology, Palaeontology and Meteorites Unit  
South African Heritage Resources Agency

**ADMIN:**

Direct URL to case: <http://www.sahra.org.za/node/488596>  
(DENC, Ref: )

**Terms & Conditions:**

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for proposed work.
2. If any heritage resources, including graves or human remains, are encountered they must be reported to SAHRA immediately.
3. SAHRA reserves the right to request additional information as required.