

**Proposed Development of the Kokerboom 4 Transmission Line and Switching station near Loeriesfontein, in the Northern Cape Province, near Loeriesfontein in the Northern Cape**

**Our Ref:**



an agency of the  
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
www.sahra.org.za

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Tel: 021 462 4502  
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CaseID: 16766

Date: Thursday August 05, 2021  
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## **Final Comment**

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

Attention: Business Venture Investments No. 1733 (Pty) Ltd

**Basic Assessment (BA) process for the new transmission line and switching station connecting the Kokerboom 4 WEF to the Eskom Helios MTS via the Khobab Substation. The site of the Kokerboom 4 WEF which the proposed transmission line will connect to will be located approximately 59 km north of Loeriesfontein, 85 km west of Brandvlei and 160 km south-east of Springbok in the Northern Cape. The transmission line will be connecting to the existing Khobab Substation which is connected to the Helios MTS which will feed into the existing national Eskom electricity grid.**

Zutari (Pty) Ltd has been appointed by Business Venture Investments No. 1788 (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for the proposed development of the Kokerboom 4 Transmission line and switching station near Loeriesfontein, Northern Cape Province.

A draft Basic Assessment Report (DBAR) Report has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the 2017 NEMA Environmental Impact Assessment (EIA) Regulations. The proposed development will include the construction of one 132KV overhead transmission lines within a 300 m assessed corridor and one switching station with associated infrastructure such as access tracks, temporary laydown and site camps.

Natura Viva C and ASHA Consulting were appointed to provide heritage specialist input as required by section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

*Almond, J. E. 2021. Palaeontological Heritage Comment: Site Sensitivity Report & Letter of Exemption from further Specialist Studies. Kokerboom 4 Transmission line and Switching Station near Loeriesfontein, Namaqua District Municipality, Northern Cape.*

The proposed development area is underlain by potentially fossiliferous igneous rocks of the Ecca Group that are intruded by the unfossiliferous rocks of the Early Jurassic Karoo Dolerite Suite. The Ecca groups are poorly exposed and have been baked by the dolerite intrusions. Low diversity trace fossils of no scientific interest are known to occur in the area. No palaeontological resources were identified as part of the conducted field-work. The proposed development will have a very low to low impact significance on local palaeontological

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heritage and Chance Fossil Finds Procedure is recommended to be implemented and is provided in the report.

*Orton, J. 2021. Heritage Impact Assessment: Proposed Grid Connection Infrastructure to support the Kokerboom 4 Wind Energy Facilities, Calvinia Magisterial District, Northern Cape.*

No heritage resources were identified within the proposed development footprint, although surface scatters of Stone Age lithics of low heritage significance were identified in the surrounding areas

Recommendations provided in the report include the following:

- The environmental control officer (ECO) should ensure that all work occurs within the authorised footprints;
- If any heritage materials (stone artefacts, pottery, fossils, human remains) are found during construction then they should be protected in place and reported to the heritage authorities and/or a heritage consultant for further action as may be required.

## Final Comment

The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final BAR and EMPr:

- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development;
- 38(4)b – The recommendations of the specialists are supported and must be adhered to. No further additional specific conditions are provided for the development;
- 38(4)c(i) – 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 as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG)

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Unit (Thingahangwi Tshivhase/Mimi Seetelo 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;

- 38(4)d – See section 51 of the NHRA for offences;
- 38(4)e – The following conditions apply with regards to the appointment of specialists:
  - With reference to the mitigation work noted above, a qualified archaeologist must be appointed to undertake the work in terms of the permit applied for as noted above;
  - If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. 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;
  - The Final BAR and EMPr must be submitted to SAHRA for record purposes;
  - The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.

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

Yours faithfully

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Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

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

**ADMIN:**

Direct URL to case: <https://sahris.sahra.org.za/node/577559>

**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.