



an agency of the  
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
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CaseID: 9884

Date: Thursday March 15, 2018  
Page No: 1

## Final Decision

### In terms of Section 38(4) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Mr Lubabalo Ndzimande  
Eskom - FSOU  
Land Dev and Environmental  
6th floor, Eskom Tower  
PO BOX 606  
No. 4 Goerge Street  
Kimberly 8301

**Job Number: Warrenton-Ikhutseng, is an Eskom project done to Strengthens the Ikhutseng Village since more people are applying for electricity in the village. the strength will be drawn from the Warrenton Substation and the 22kV power line line will be 7.9 km in length, it will cross the river as depicted in the diagrams provide. the project will take in Warrenton,Local municipality Magareng under the Frances Baard District, Northern Cape.**

The McGregor Museum and Natura Viva CC were appointed to conduct the assessment of heritage resources for the proposed 22KV transmission line from Warrenton Substation to Ikhutseng Village near Warrenton, Frances Baard District Municipality, Northern Cape as per section 38(1) and 38(3) of the National Heritage Resources Act, Act 25 of 1999 (NHRA). The proposed powerline will be 7.9 km in length and crosses a river.

*Almond, J. 2018. Recommended Exemption From Further Palaeontological Studies: Proposed 22 kV transmission line from Warrenton Substation to Ikhutseng Village near Warrenton, Frances Baard District Municipality, Northern Cape.*

The proposed development is underlain by Precambrian lavas of the Allanridge Formation which are unfossiliferous. These basement rocks are overlain by Late Caenozoic deposits such as windblown sands, calcrete and alluvial gravels close to the Vaal River. The Vaal River gravels are known for their sparse but important fossil mammal remains, while the remaining sediments are of low palaeontological sensitivity. The overall impact of the proposed development, given the small footprint, has been rated as low.

Recommendations provided in the report include the following:

- Pending the discovery of significant new fossils remains before or during construction, exemption from further specialist palaeontological studies and mitigation be granted for the proposed 22 kV



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- transmission line from Warrenton Substation to Ikhutseng Village near Warrenton;
- The archaeologist and Environmental Control Officer (ECO) involved with this project should be alerted to the possibility of mammalian fossil remains associated with ancient alluvial gravels along the Vaal River. Should significant new fossils –such as vertebrate bones and teeth –be exposed before or during development, the responsible archaeologist / ECO should alert SAHRA as soon as possible so that appropriate action can be taken in good time by a professional palaeontologist. Palaeontological mitigation would normally involve the scientific recording and judicious sampling or collection of fossil material as well as of associated geological data (e.g. stratigraphy, sedimentology, taphonomy). The ECO should be guided by the tabulated Chance Fossil Finds Procedure that is appended to the PIA report.

*Morris, D and Henderson, A. 2018. Heritage Impact Assessment for proposed 22 kV transmission line from Warrenton substation to Ikhutseng Village near Warrenton, Frances Baard District Municipality, Northern Cape.*

No significant heritage resources were identified along the proposed powerline route; however, some Stone Age artefacts were noted. These artefacts were rated as having low cultural significance and no specific mitigation is required.

Recommendations provided in the report include the following:

- Provision for on-going heritage monitoring in an environmental management plan which also provides guidelines on what to do in the event of any major heritage feature being encountered during any phase of construction/maintenance;
- Should unexpected finds be made (e.g. precolonial burials; ostrich eggshell container cache; or localised Stone Age sites with stone tools, pottery; military remains), the relevant Heritage Authority should be contacted.

## Final Decision

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development, and endorses the recommendations of the heritage specialists. The recommendations of the specialists and the following conditions as per section 38(4) of the NHRA must be adhered to:

- A Chance Finds and Fossil Finds Procedure must be developed and implemented as part of the construction and operational phases of the development;

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

**ADMIN:**

Direct URL to case: <http://www.sahra.org.za/node/367404>

[Terms & Conditions:](#)

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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.