



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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Enquiries: Natasha Higgitt
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CaseID: 12972

Date: Thursday October 04, 2018
Page No: 1

Final Decision

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

Attention: Mr Willem Hendrik Jacobus Goosen

The project is for the proposed construction of two 22KV power lines close to Christiana, North West Province. Both power lines are needed to provide electricity for farming purposes. The first is a 3 km line, directly south of the Vaal River and towards the south-west of Christiana. This is on the farm Van Aswegenshoek. The second is a 4 km line south of Christiana and runs over the farms Bloubosput, Marydale and Boesmansput.

Landscape Dynamics has been appointed by Willem Hendrick Jacobus Goosen to manage an application in terms of section 38(1) of the National Heritage Resources Act, Act 25 of 1999 (NHRA) for two proposed 22kv powerlines near Christina, North West Province. The proposed powerlines will be 3 km and 4 km long and constructed from 11/12/13 m wooden poles.

The proposed powerlines are located in an area of moderate and high palaeontological sensitivity as per the SAHRIS PalaeoSensitivity map. The northern most proposed line route is located adjacent to the Vaal River.

Archaetnos Culture and Cultural Resources Consultants were appointed to assess the impact to archaeological resources.

Van Vollenhoven, A. 2018. A report on an Archaeological Impact Assessment for two proposed 22kv powerlines close to Christina, North West Province.

No heritage resources were identified along the proposed powerline routes. Photographs in the report show that the area is highly disturbed due to access roads, fences, trenching and existing powerlines.

Recommendations provided in the report include the following:

- It should be noted that the subterranean presence of archaeological and/or historical sites, features or artefacts is always a distinct possibility. Care should therefore be taken when development commences that if any of these are discovered, work on site immediate cease and a qualified archaeologist be called in to investigate the occurrence;



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Page No: 2

- A Chance Finds Protocol is provided in the report.

In an Interim Comment issued on 27/09/2018, SAHRA requested that an assessment of the impact of the development on palaeontological resources is undertaken by a qualified palaeontologist. The report must comply with the SAHRA 2012 Minimum Standards: Palaeontological Component of Heritage Impact Assessments.

Bamford, M. 2017. RE: Request for Exemption for Palaeontological Impact Assessment for Mr. Willem Hendrik Jacobus Goosen SAHRA CaseID: 12972

According to the palaeontological specialist, the proposed development area is underlain by Quaternary sands and that the potentially fossiliferous rocks of the Vryheid and Dwyka groups are located to the north and east from the development. It is the opinion of the author that no additional impact assessment studies are required. No recommendations are provided.

In an Interim Comment issued on 03/10/2018, SAHRA requested that the submitted Palaeontological Exemption Letter be amended to include key literature consulted and relevant geological maps to support the opinion provided as per the SAHRA 2012 Minimum Standards: Palaeontological Component of Heritage Impact Assessments.

Bamford, M. 2018. Palaeontological Impact Assessment for the two proposed 22kv powerline for Goosen Boerdery, near Christina, Free State.

The revised report noted that the proposed development area is underlain by fossiliferous Dwyka and Vryheid formations, which are overlain by unfossiliferous sands of the Quaternary group. In the very unlikely chance that the excavations for the powerline poles might penetrate the fossiliferous geological layer, a Chance Finds Procedure is recommended if any fossils are uncovered.

Final Decision

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development and endorses the recommendations of the specialist. The recommendations of the specialist and the following conditions must be adhered to:

- If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous

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Page No: 3

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

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/512555>

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Page No: 4

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.