

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](http://www.sahra.org.za)

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Tel: 021 462 4502  
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CaseID: 11709

Date: Thursday October 12, 2017  
Page No: 1

## Final Comment

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

Attention: BAAGI ENVIRONMENTAL CONSULTANCY

P O Box 72847  
Lynwood Ridge  
Pretoria  
0040

### **PROPOSED CONSTRUCTION OF PETRUSDAM 88KV SWITCHING STATION ON PORTION 14 OF THE FARM ROODE KOPJES PUT 32, WITHIN THE RAMOTSHERE MOILOA LOCAL MUNICIPALITY, NORTH WEST PROVINCE.**

Baagi Environmental Consultancy has been appointed by Eskom Holdings SOC Limited to conduct an Environmental Authorisation Application for the proposed construction of Petrusdam 88kV Switching Station, within the Ramotshere Moiloa Local Municipality, North West Province. A draft Basic Assessment Report (BAR) has been completed in terms of the National Environmental Management Act, 1998(Act 107 of 1998) (NEMA) and the Environmental Impact Assessment (EIA) Regulations, 2017. The proposed project includes the construction of switching station covering 4 ha and a 6 m wide road, and will link three powerlines.

In an Interim Comment issued on 29/09/2017, SAHRA requested that an Heritage Impact Assessment (HIA) must be conducted in terms of section 38(8) of the National Heritage Resources Act, Act No 1999 (NHRA). An assessment of heritage resources must be completed that complies with section 38(3) of the NHRA, and all heritage resources defined in section 3 of the NHRA must be assessed.

NGT Holdings (Pty) Ltd and Dr Durand to provide specialist heritage input as part of the BAR process.

*Mpande, F and Tomose, N. 2017. Heritage Impact Assessment for the Proposed Construction of Petrusdam 88KV Switching Station, within the Ramotshere Moiloa Local Municipality, North West Province, South Africa.*

No archaeological heritage resources were identified within the proposed development area. Recommendations provided in the report include that should any archaeological and/or heritage resource in form of Chance Finds (i.e. resources that are concealed in nature that were not identified by the current survey but which may be brought to earth surface through excavation activities associated with the proposed development) be identified during construction phase of the project, the ECO should report them to the nearest

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SAHRA office or museum or call an archaeologist and/or heritage specialist to investigate the finds and make necessary recommendations.

*Durand, J. F. 2017. Palaeontological Desktop Study for the proposed construction of the 88kV Petrusdam Switch Station, Ramotshere Moiloa Local Municipality (Ward 17), North West Province.*

The underlying geology is situated on the contact zone between the Bushveld Igneous Complex and the Crocodile River Fragment of the Transvaal Supergroup which are entirely unfossiliferous. These formations are overlain by Quaternary-aged alluvium which has a sparse fossil record. There is a low probability of fossils occurring in the project area. A chance finds procedure is recommended.

## Final Comment

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objection to the proposed development in terms of heritage resources. The recommendations of the heritage specialists and the following conditions must be included in the Final BAR and Environmental Management Programme (EMPr):

- The Final BAR and appendices must be submitted to the SAHRIS Case application 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; and
- If the development receives an Environmental Authorisation (EA), SAHRA must be informed and all documents pertaining to the EA must be uploaded to the SAHRIS Case file.

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/408332>  
(DEA, Ref: 14/12/16/3/3/1/1778)

**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.