



Final Comment

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

Attention: Andrea Gibb
Sivest
P.O. Box 2921
Rivonia
2128

Proposed Mookodi Integration Project, Naledi Municipality, North West Province

van Schalkwyk, J. October 2012. *Eskom Distribution Mookodi Integration Project Heritage Report – Environmental Impact Assessment Phase*

Eskom has proposed the establishment of 5 132kV power lines and two substations near Vryburg. Each power line will have a 300m corridor and several alternative alignments have been proposed. The main component of the proposed power line route connects two proposed substations (Bophirima and Kalplats) via a ± 130 km 132kV power line. The remaining power line routes will connect the proposed Bophirima Substation with the Mookodi Transmission Substation Site and the existing Vryburg Substation. The third route will link the proposed Kalplats Substation with the existing Edwards Dam Substation. The Kalplats-Edwards Dam Ring Extension, to consist of an additional ± 35 km 132kV power line, will be stepped down to 88kV at Edwards Dam existing distribution substation, which will inject into Edwards Dam rural substation.

The archaeologist conducted a desktop study of the site locality which revealed that the area has been occupied since the Stone Age, and also contains traces of Iron Age and Historical Period material culture.

No archaeological resources or structural elements were identified during the survey. Three cemeteries were identified. Two of these were 500m and 1000m from the proposed alignment, respectively; these are likely to be informal farmworkers' graves. A third cemetery is likely to be in the power line alignment. This cemetery is a small, informal farm cemetery, containing six graves, one of which is that of Willem van Holk, a Dutch teacher, buried in 1896. Most of the graves appear, from the photographs to have headstones and cappings; the cemetery has a dilapidated fence around it and the graves appear to be slightly overgrown.

According to the Geotechnical Report provided in the Draft EIR, the proposed power line route will traverse the following geological layers; the Gordonia Formation of the Kalahari Group, the Allanridge Formation of the Ventersdorp Group, the Dwyka Formation of the Karoo Supergroup, the Vryberg Formation of the Griqualand West Sequence, the Boomplaas and Clearwater Members of the Schmandsdrift Formation of the Campbell Group, Griqualand West Sequence as well as Quaternary Aeolian sands.

None of these geological layers is sensitive in terms of palaeontology and as such, it is unlikely that the proposed development with its limited footprint will have a negative impact on significant palaeontological



Mookodi Integration Project

Our Ref: 9/2/103/0002

Enquiries: Kathryn Smuts
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CaseID: 1009

Date: Monday February 04, 2013

Page No: 2



resources.

Case Decision:

Alternative 1 is supported for the Kalplats substation to the existing Edwards Dam substation 132kV power line. Alternative 2 is not supported since it will likely impact on the well known Willem van Holk cemetery. It is recommended that tower locations be inspected by an archaeologist before the project commences. A follow-up report should be submitted to SAHRA for comment.

As there is apparently no evidence of any significant archaeological or palaeontological material in this area, the SAHRA Archaeology, Palaeontology and Meteorites Unit has no objection to the development (in terms of the archaeological and palaeontological components of the heritage resources) on condition that, if any new evidence of archaeological sites or artefacts, palaeontological fossils, graves or other heritage resources are found during development, construction or mining, SAHRA and an archaeologist and/or palaeontologist, depending on the nature of the finds, must be alerted immediately.

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

Yours faithfully

Kathryn Smuts
Heritage Officer: Archaeology
South African Heritage Resources Agency

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

(DEA, Ref: 12/12/20/1929)

Terms & Conditions:



The South African Heritage Resources Agency

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Page No: 3



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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.



The South African Heritage Resources Agency

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