



an agency of the  
Department of Arts and Culture

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CaseID: 21057

Date: Monday May 22, 2023  
Page No: 1

## Interim Comment

**In terms of Section 38(8), 38(3) of the National Heritage Resources Act (Act 25 of 1999)**

Attention: Ms Kristen Shaw  
Terramanzi Group (Pty) Ltd

**The proposed Good Hope 132 kV back-to-back Substation and 132kV Overhead Power Line site situated north of the town of Dealesville, in the Tokologo Local Municipality, in the Lejweleputswa District Municipality, Free State Province**

Terramanzi Group (Pty) Ltd has been appointed by Antlia Energy (Pty) Ltd to undertake the Environmental Authorisation (EA) Application for the development of the Good Hope 132 kV back-to-back Substation and 132kV Overhead Power Line (OHPL) on Farm Gedenksrust, Farm Klipfontein, Farm Klipkoppan, Farm Epsom Downs, in the Tokologo Local Municipality, Free State Province.

The Draft Basic Assessment Report (DBAR) has been submitted in terms of the National Environmental Management Act (NEMA, Act 107 of 1998) and the NEMA EIA regulations. Both the proposed substation development footprint and the OHPL corridor are located within the gazetted Kimberly Renewable Energy Development Zone (REDZ) and Central Transmission Corridor. The proposed development will connect the environmentally authorised (EA: 14/12/16/3/3/1/2484 and EA:14/12/16/3/3/1/2485) Good Hope Photovoltaic Solar Energy Facility (PVSEF) to the Eskom National Electricity Grid.

PGS Heritage (Pty) Ltd has been 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).

*Fourie, W. 2022. Heritage Impact Assessment: Proposed Good Hope 132kV Overhead Powerline On Portions of the farm Klipfontein 305, Klipkoppan, Gedenkrust 1029 and Doornpan 1027 near Dealesville, Free State Province*

Three heritage sites (GH-OHL-001 to 003) and three low heritage significance stone tool scatters (GH-OHL-004 to 006) were identified within the lesser disturbed southern section of the corridor. Site GH-OHL-001 consist of a large stone-walled kraal built the corridor which indicates early farming communities. The site has a low to medium heritage significance with a local heritage grading of IIIC. Sites GH-OHL-002 and 003 are engraved initials on dolerite boulders, dating from 1956. The two engravings have a low heritage significance with a local grading of IIIC.



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## Mitigation recommendation

- Archaeological Monitoring during construction in the vicinity of sites GH-OHL004-006
- Avoidance of the low dolerite outcrop that contains site GH-OHL-001 to 003. It is recommended that the alignment keep to the northern side of the dirt road opposite the dolerite outcrop.
- Implement a chance to find procedures in case where possible heritage finds are uncovered.
- A detailed “walk down” of the final approved alignment will be required before construction commences.
- Any significant features of significance identified during this walkdown will require formal mitigation (i.e., permitting where required) or where possible a slight change in design could accommodate such resources.

It is noted that the development is located in an area of insignificant, moderate and high sensitivity as per SAHRIS PalaeoSensitivity Map. The HIA completed by the Dr. Lloyd Rossouw in 2021 for the development of the Good Hope Solar Farm 2 and Good Hope Solar Farm 1 (Case ID 18710 and 18709 <https://sahris.sahra.org.za/cases/good-hope-2-solar-park-ophiuchus-energy-pty-ltd-renewable-ppp-energy-project-tokologo-local> and <https://sahris.sahra.org.za/cases/antlia-energy-pty-ltd-renewable-ppp-energy-project>), noted that the area is underlain by palaeontologically insignificant dolerite intrusions, covered by a well-developed and calcrete-rich aeolian sand overburden. It also noted that the area has been disturbed by agricultural activities.

## Interim Comment

The SAHRA Development Application Unit (DAU) notes the heritage studies provided for the development, however no palaeontological studies have been undertaken for the proposed development. A desktop Palaeontological Impact Assessment (PIA) must be undertaken by a qualified palaeontologist (See <https://www.palaeosa.org/heritage-practitioners.html> for a list of qualified palaeontologists). The report must comply with the 2012 Minimum Standards: Palaeontological Components of Heritage Impact Assessments. The Minimum Standards provides allowance for a Letter of Recommendation for Exemption that can be submitted by a qualified palaeontologist should they deem it appropriate.

Further comments will be issued upon submission of the requested palaeontological studies.

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

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Yours faithfully

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Sityhilelo Ngcatsha  
Archaeology, Palaeontology, Meteorite Assistant  
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/616037>  
(DFFE, Ref: )

**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.