

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Sityhilelo Ngcatsha
Tel: 0212028663
Email: sngcatsha@sahra.org.za
CaseID: 16905

Date: Friday January 27, 2023
Page No: 1

Final Comment

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

Attention: Environamics

PO Box 6484
Baillie Park
2526

The activity entails the development of a 132kV single-circuit power line to enable the connection of the authorised Sonvanger Photovoltaic Solar Power Plant (DFFE ref.: 14/12/16/3/3/2/672) to the national grid network. This will enable the evacuation of the generated solar electricity. A 200m wide and 22km long grid connection corridor is being assessed for the placement of the power line route. The power line is proposed to connect into the existing Oryx-Joel 132kV Line. A service road associated with the power line is also proposed to be developed. The activity entails the development of a power line which will be single circuit and have a capacity of 132kV. The power line will connect to the existing Oryx-Joel 132kV Line via a loop-in loop-out connection and will enable the evacuation of the generated electricity from the authorised Sonvanger Photovoltaic Solar Power Plant. The project is proposed by Pele Green Energy (Pty) Ltd.

Pele Green Energy (Pty) Ltd appointed Environamics to undertake the Environmental Authorisation (EA) Application for the development of a 132kV single-circuit power line to enable the connection of the authorised Sonvanger Photovoltaic Solar Power Plant (DFFE ref.: 14/12/16/3/3/2/672) in Afrikander Oord 80 (Portions 0 & 2), Ebenhaeser 401 (Portions 0, 1, 2 and 3), Erfbloem 12 (Portions 0, 4, 5 and 6), Excelsior 147 (Portions 1, 2 and 3), Geodemoed 143 (Portions 0, 2 and 3), Grottkau 410 (Portions 0, 3 and 5), Karreebooms Vallei (Portions 0, 2, 5, 6, 7 and 8), Leeuwvult 52 (Portions 0 and 3), Leeuwvlei 115 (Portions 0, 1, 2 and 3), Mamre 566 (Portions 0, 1, 2 and 3), Masilo 597 (Portions 0 and 12), Mooi Hoek 297 (Portions 0, 1, 4 and 5), Silesia 409 (Portions 0, 2 and 3), Smaldeel 262 (Portions 0, 1, 2, 8, 20, 21, 22, 23), Spes Bona 290 (Portions 0 and 2), Theunissen 252 (Portions 0 and 2), Vergelegen 85 (Portions 1, 4, 5 and 7) located within the Masilonyana and the Matjhabeng Local Municipalities, Free State Province (14/12/16/3/3/1/2399).

A Draft Basic Assessment Report (DBAR) has been submitted in terms of the National Environmental



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Management Act (NEMA; No. 107 1998) and the 2014 NEMA EIA Regulations. The corridor for the proposed powerline is 200m wide and 22km in length which will be along an existing road that runs through land that has been extensively transformed through agricultural activities.

CTS Heritage, 2021, Proposed development of the Sonvanger OHL near Theunissen in the Free State

In Heritage Impact Assessments completed for developments in the broader region including the study area indicate that there are formal cemeteries, historic structures as well as scatters of Middle and Later Stone Age lithics. There is modern demarcated municipal cemetery located within the powerline corridor. It remains possible that burials may be located outside of the cemetery and within the power line corridor, impact to these sites can be avoided through strategic placement of the pylons. It is not anticipated that the proposed development will negatively impact on any significant heritage resources and it is recommended that no further heritage studies are required for this proposed development. A Chance Fossil Finds Procedure must be implemented for the duration of construction activities

Bamford, M, 2021. Desktop Study (Phase 1): Palaeontological Impact Assessment for the proposed Sonvanger Overhead Transmission Line, Theunissen, Free State Province

The study area is underlain in the northern section by Quaternary sands, alluvium and calcretes which may contain traps for fossils such as paleo-pans or palaeo-springs. No such feature is visible on the satellite imagery. The southern half is on non-fossiliferous dolerite of Jurassic age. A Chance Finds Protocol has been attached. If fossils are found once excavations for the foundations for the poles and amenities have commenced then they should be rescued and a palaeontologist called to assess and collect a representative sample.

A Final Comment dated 03/09/2021 which requested that the comment from SAHRA be included into the Final BAR and EMPr and that the Final BAR and the decision regarding the EA application be submitted to the

Proposed development of the Sonvanger OHL near Theunissen in the Free State

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Sityhilelo Ngcatsha
Tel: 0212028663
Email: sngcatsha@sahra.org.za
CaseID: 16905

Date: Friday January 27, 2023
Page No: 3

SAHRIS application for record purposes. The Revised BAR along with the granted EA has been submitted to the development application 11/10/2021

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

Yours faithfully

Sityhilelo Ngcatsha
Archaeology, Palaeontology, Meteorite Assistant
South African Heritage Resources Agency

Phillip Hine
Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/579381>
(DEA, Ref: 14/12/16/3/3/1/2399)

Proposed development of the Sonvanger OHL near Theunissen in the Free State

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Sityhilelo Ngcatsha
Tel: 0212028663
Email: sngcatsha@sahra.org.za
CaseID: 16905

Date: Friday January 27, 2023
Page No: 4