



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: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 16729

Date: Friday February 11, 2022
Page No: 1

Final Comment

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

Attention: ACO Associates CC

ACO Associates CC
8 Jacobs Ladder
St James
7945

Basic Assessment process for the 22.7km, 132kV powerline to evacuate power from the Sol Invictus PV's on Ptn5/66 to the Aggenies sub-station, Northern Cape

WSP Group Africa Proprietary Limited has been appointed by Red Rocker South Africa (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for the proposed establishment of a 132kV overhead powerline and expansion of the Aggenieys substation near Aggenieys, Northern Cape Province (DEFF Ref: 14/12/16/3/3/1/2462).

A draft Basic Assessment Report (DBAR) has been submitted in terms of the National Environmental Management Act, 1998 (NEMA) and the EIA Regulations. The proposed activities include the construction of a new 132 kV powerline (approximately 23 km) and a 31 m wide servitude corridor. The towers will be either steel lattice or monopole structures with a maximum height of 36 m. The approximate size of the expansion of the Aggenieys substation will be 4.5 ha, of which the details will be finalised during a later stage.

Dr Marion Bamford and ACO Associates CC have been appointed to provide heritage specialist input into the EA process as per section 24(4)b(iii) of the NEMA and section 38(3) and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Bamford, M. 2021. Palaeontological Impact Assessment for the proposed Aggenieys – Sol Invictus 132 kV powerline, Northern Cape Province.

The proposed development footprint is underlain by non-fossiliferous volcanic rocks of the Namaqua-Natal Province and aeolian Quaternary sands, while moderately sensitive Tertiary calcretes are located along the western section of the route, however, no palaeo-pans or palaeo-springs are present. A Fossil Chance Finds Protocol should be included in the EMP.



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: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 16729

Date: Friday February 11, 2022
Page No: 2

Halkett, D. 2021. Integrated Heritage and Archaeological Impact Assessment of the Proposed Sol Invictus 132kv Powerline west of Aggeneys, Northern Cape.

A total of 33 heritage resources were identified within the proposed development footprint. These include scatters of Stone Age lithics, two mudbrick structures and stone kraal of negligible heritage significance. A circular arrangement of rocks (base of a small informal hut) (Site D008) and a scatter of Khoe-khoe pottery (Site D009) was identified and rated as heritage resources of Grade IIIC significance.

Recommendations provided in the report include the following:

- Site D002 must be avoided during construction. No towers can be placed in this area. Buffers of 30 meters diameter must be established around each site centerpoint. No disturbance of these areas must occur;
- Site D008 & D009 must be avoided during construction. No towers can be placed in this area. Buffers of 15 meters diameter must be established around each site centerpoint. No disturbance of these areas must occur;
- Final pole positions must be presented to the heritage practitioner for desktop assessment and approval; and
- If any human burials are found during construction, they should not be further disturbed until reported to the Heritage Authority for further action and mitigation.

Final Comment

The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final BAR and EMP:

- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development;
- 38(4)b – The recommendations of the specialists are supported and must be adhered to. Further additional specific conditions are provided for the development as follows:
- Should it not be possible to avoid sites D002, D008 and D009, permits in terms of section 35 of the NHRA must be applied from SAHRA prior to construction;
- A walkdown of the final tower positions must be completed and a report provided to SAHRA prior to



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: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 16729

Date: Friday February 11, 2022
Page No: 3

construction. This requirement is consistent with all other grid infrastructure projects;

- 38(4)c(i) – 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 as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Ngqalabutho Madida 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offense in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)d – See section 51 of the NHRA regarding offences;
- 38(4)e – The following conditions apply with regards to the appointment of specialists:
- If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. 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;
- The Final BAR and EMPr must be submitted to SAHRA for record purposes;
- The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.

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

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: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 16729

Date: Friday February 11, 2022
Page No: 4

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

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/577155>
(DEA, Ref: 14/12/16/3/3/1/2462)

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.