



an agency of the
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
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Enquiries: Boitshepo Motsodisa
Tel: 0123208490
Email: BMotsodisa@sahra.org.za
Case ID: 25466

Date: Tuesday, 22 July, 2025

Final Comment

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

Winston Monale
TuWin Energy Solutions (Pty) Ltd
6 Bute Avenue,
Hurlingham,
Sandton
2196

Savannah Environmental has been appointed by TuWin Energy Solutions (Pty) Ltd to undertake an Environmental Authorisation (EA) Application for proposed Tshimollo PV1 500MW Grid Connection Infrastructure project on several farms located in the !Kheis Local Municipality, Northern Cape Province.

A Draft Basic Assessment Report (DBAR) and Environmental Management Programme Report (EMPR) has been submitted in terms of the National Environmental Management Act, 1998. The proposed development will include a 300m wide grid connection corridor, 132kV switching substation, 132kV overhead powerline as well as access roads and approximately 4m wide service tracks.

CTS Heritage has been appointed by Savannah Environmental to provide heritage specialist input into the EA process in terms of section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Lavin, J., Wiltshire, N. 2025. Heritage Impact Assessment In terms of Section 38(8) of the NHRA for the Tshimollo PV1 Grid Connection, Northern Cape Province.

The site was subjected to a site survey during February 2025. The author notes that surface visibility of archaeological material was high and no major constraints were encountered during the survey.

20 Heritage Resources were identified during the site survey. The resources are as follows:

- Several MSA sites presenting quartz cores, flakes, points and bifaces located amongst boulders, pans and in dunes. All were attributed a NCW rating.



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- A IIIC LSA/MSA site presenting quartz cores, flakes, points, hornfels, microliths, OES and granite boulders on low rise.
- Swarttruggies werf presenting occupied modern 20th century buildings with outbuildings and kraals. Some 19th century buildings altered with corrugated iron roofs and verandahs were also identified. These resources were attributed a IIIC rating.
- A clearly marked and fence grave along with 3 unmarked graves attributed a IIIA rating,
- Pieterust werf graded as NCW,
- Heavily altered Pietersrust werf with late 19th and 20th century buildings, kraals. This observation has been attributed a IIIC rating,
- An LSA/MSA vegetated pan has been identified presenting quartz and quartzite flakes and cores, hornfels core, quartz and microliths.

The HIA recommends as follows;

- Sites 016 and 023, must be avoided,
- A 250m buffer must be implemented around site 017,
- A 100m buffer around site 012, 013 and 015.
- A 20m buffer around site 005 018

Ryan Nel has been appointed to provide Palaeontological Specialist Input.

Nel, R. 2025. Palaeontological Specialist Input In terms of Section 38(8) of the NHRA for the Proposed development of the Tshimollo PV Grid Connection Infrastructure near Upington.

The area is underlain by Precambrian basement rocks from the Namaqua Metamorphic Province and Late Cenozoic sediments of the Kalahari Group. Based on the known palaeontological sensitivity of the area, it is very unlikely that the proposed development will negatively impact on significant palaeontological heritage resources.

The PIA recommends that a Chance Find Protocol be implemented.

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



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Final BAR and EMP:

- 38(4)a – The SAHRA Development Applications Unit (DAU) has no objections to the proposed development;
- 38(4)b – The recommendations of the specialists are supported and must be adhered to. The following additional recommendations must be adhered to;
- If it is not possible to avoid the any of the identified MSA/LSA sites, a permit in terms of section 35 of the National Heritage Resources Act, Act 25 of 1999 (NHRA) and Chapter II and IV of the NHRA Regulations must be applied for mitigation purposes;
- If the gravesite is going to be impacted directly and the graves need to be removed, a grave relocation consultation process for these sites must be undertaken.
- A stakeholder engagement process must be undertaken in terms of section 36 of the NHRA and Chapter XI of the NHRA 2000 Regulations, to obtain permission to install the fence or;
- If relocation of the grave is found to be feasible following the consultation process, a permit in terms of section 36 of the NHRA and Chapter II and IX must be applied from SAHRA;
- 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 DAU (Boitshepo Motsodisa/bmotsodisa@sahra.org.za) must be alerted as per section 35(3) of the NHRA. Non-compliance with this section of the NHRA is an offence 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 DAU (Boitshepo Motsodisa/bmotsodisa@sahra.org.za) must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with this section of the NHRA is an offence in terms of section 51(1)e of the NHRA and item 5 of the Schedule;
- 38(4)d – See section 51(1) of the NHRA regarding offences;
- 38(4)e – The following conditions apply with regards to the appointment of specialists:
 - i) 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 EMP must be submitted to the SAHRIS Case for record purposes;
- The decision regarding the EA application must be submitted to the SAHRIS application for record



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purposes.

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

Yours faithfully

Boitshepo Motsodisa
Heritage Officer: Development Applications Unit
South African Heritage Resources Agency

Natasha Higgitt
Manager: Development Applications Unit
South African Heritage Resources Agency

Terms & Conditions:

1. This approval does not exonerate the applicant from obtaining local authority approval or any other necessary approval for



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- 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.

ADMIN:

Direct URL to case: <https://sahris.org.za/node/382623>