

## Gabriele Wood

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**From:** Vered Karty <vkarty@brightsourceenergy.com>  
**Sent:** 11 January 2016 19:59  
**To:** Gabriele Wood  
**Subject:** Paulputs CSP Project

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hello Gabriele and happy new year!

Can you please add me to the I&AP database for the Paulputs CSP Project?

Thank you  
Vered

Vered KARTY  
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Be green, leave it on the screen. Please think before you print.

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
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Enquiries: Natasha Higgitt

Date: Friday January 15, 2016

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Email: nhiggitt@sahra.org.za

CaseID: 8759

## Interim Comment

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

Attention: Paulputs CSP (RF) (Pty) Ltd

**Project Name: Paulputs CSP Project Applicant: Paulputs CSP RF (Pty) Ltd. Proposed Activity and Location: The development of a 200MW Concentrated Solar Power (CSP) Project and associated infrastructure on Portion 4 of the Farm Scuitklip 92 located ~45km north-east of Pofadder within the Khai-Ma Local Municipality in the Northern Cape.**

Savannah Environmental (Pty) Ltd (Savannah) was contracted by Paulputs CSP RF (Pty) Ltd to complete an Environmental Impact Assessment (EIA) process for the Paulputs CSP Project, near Poffadder, Northern Cape Province. A Scoping Report was completed in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) and the Environmental Impact Assessment (EIA) Regulations 2014.

Savannah contracted David Morris and John Pether to conduct the Heritage Scoping Study and the Palaeontological Desktop Assessment for the project respectively.

*Morris, 2015. Paulputs CSP Facility near Poffadder, Northern Cape. Specialist Input for the Scoping Phase of the Environmental Impact Assessment: Archaeology.*

The author found that heritage resources from the Stone Age and Colonial/Historical periods may be present within the project area, and due to the sparse vegetation the heritage resources are likely to be highly visible. A grave of the Northern Border Police is known on the affected farm portion and a road-side grave is present.

Recommendations provided in the report are as follows:

- A site visit must be conducted to examine the proposed project area for heritage resources.
- Identified heritage resources will be assessed for their significance
- Nineteenth and twentieth century cultural heritage and intangible heritage values attached to places that are to be impacted by the development must be assessed during the pending EIA phase.
- A Visual Impact Assessment must be conducted on identified heritage resources
- Should heritage resources be uncovered during the construction phase of the project, all work in the



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area must cease immediately and be reported to SAHRA and/or the McGregor Museum, Kimberly. The find should be investigated by a professional archaeologist who will provide further recommendations. Should it be deemed necessary, a Phase 2 Mitigation permit must be applied for in order to conduct any sampling, excavations or collections of heritage deposit before the development can continue.

*Pether, 2015. Brief Palaeontological Impact Assessment (Desktop Study). Proposed Pofadder Solar Thermal Plant. Portion 4 of the farm Scuit-Klip 92, Kenhardt District, Northern Cape.*

The author found that expected palaeontology in the project area includes freshwater clams and snail fossils, abraded bone fragments and loose teeth, however, due to the sporadic occurrences of fossils in the area, there is a low potential for uncovering fossil heritage. Should fossils be identified during the construction phase, they will be considered as significance finds due to the lack of fossil occurrences in the vicinity.

Recommendations provided in the report include:

- Fossil Finds Procedures must be developed and implemented that details the guidelines and reporting/action protocols to be following when finds are uncovered.
- The local Council of Geoscience in Upington may be utilized to contract a local geologist who will inspect excavations and liaise with the Environmental Control Officer and an advising palaeontologist.

## Interim Comment

Regarding archaeological and palaeontological heritage resources, the SAHRA Archaeology, Palaeontology and Meteorites Unit accepts the submitted Archaeological Scoping Report and Palaeontological Desktop Study and their respective recommendations, and has no objections against the development. The following additional conditions must be adhered to and must form part of the final EIA Phase of the project:

A Heritage Impact Assessment (HIA) must be completed for the proposed Paulputs CSP Project. The HIA must include the following studies:

- An Archaeological Impact Assessment (AIA);
- An assessment of Burial Grounds and Graves;
- An assessment of intangible heritage resources; and
- A VIA must be completed on identified heritage resources.



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No further palaeontological assessment is required. A Fossil Finds Procedure must be developed for the project to ensure that standard protocols and steps are followed should any fossil resources be uncovered during the construction phase of the project. These procedures should outline the steps and reporting structure to be followed in the instance that fossil resources are found. These procedures must be incorporated into the final Environmental Management Plan for implementation.

Final comments will be published once the above has been submitted along with the EIA for the project.

Decisions regarding Built Environment will be provided by Ngwao-Boswa Jwa Kapa Bokone (NBKB), the Northern Cape Provincial Heritage Resource Authority (Ratha Timothy - [rtimothy@nbkb.org.za](mailto:rtimothy@nbkb.org.za) /053 831 2537).

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

Yours faithfully

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Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

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Phillip Hine  
SAHRA Head Archaeologist (Acting)  
South African Heritage Resources Agency

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**ADMIN:**

Direct URL to case: <http://www.sahra.org.za/node/344252>  
(DEA, 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.

## Gabriele Wood

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**From:** Simon Gear <advocacy@birdlife.org.za>  
**Sent:** 29 March 2016 15:32  
**To:** 'Gabriele Wood'  
**Subject:** RE: EIA PROCESS - CONSTRUCTION OF PAULPUTS 200MW SOLAR THERMAL ELECTRIC (STE) MOLTEN SALT TOWER (MST) FACILITY, NORTHERN CAPE PROVINCE

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Gabriele,

Please register BirdLife South Africa on this EIA using my details below.

Thanks,

**Simon Gear**  
Policy & Advocacy Manager



*Giving Conservation Wings*

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<http://www.birdlife.org.za> <http://birdingroutes.co.za>



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[https://twitter.com/BirdLife\\_SA](https://twitter.com/BirdLife_SA)

SMS 'birdlife' to 38878 and help Give Conservation Wings R10 per SMS. Free SMS and SMS bundles do not apply, All proceeds, less service provider fees, will be donated to BirdLife South Africa. Error messages will be billed. More details on BirdLife South Africa website.

Donations to BirdLife South Africa may contribute to your B-BBEE scorecard as we are fully SED compliant in terms of the B-BBEE Act. We are also a registered Public Benefit Organisation (No. 930004518) and authorised to issue 18A tax certificates where applicable.

The Policy & Advocacy Division is supported by The Royal Society for Protection of Birds (RSPB) and BirdLife International.



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**From:** Gabriele Wood [<mailto:gabriele@savannahsa.com>]

**Sent:** Friday, September 25, 2015 1:08 PM

**To:** undisclosed-recipients:

**Subject:** EIA PROCESS - CONSTRUCTION OF PAULPUTS 200MW SOLAR THERMAL ELECTRIC (STE) MOLTEN SALT TOWER (MST) FACILITY, NORTHERN CAPE PROVINCE

Dear Stakeholder

Paulputs CSP RF (Pty) Ltd proposes the development of up to a 200MW Solar Thermal Electric (STE) Molten Salt Tower (MST) facility and associated infrastructure on a site located approximately 45km north-east of Pofadder in the Northern Cape Province. The proposed project is to be known as the **Paulputs Tower Facility**. The purpose of the proposed STE facility will be to evacuate the generated power into the Eskom electricity grid. The project is proposed to be bid into the Department of Energy's (DoE) Renewable Energy Independent Power Producer Procurement Programme (REIPPPP).

**Savannah Environmental** has been appointed as the independent environmental consultant to undertake the required Scoping and Environmental Impact Assessment (EIA) process to identify and assess all the potential environmental impacts associated with the proposed project, and propose appropriate mitigation and management measures in an Environmental Management Programme (EMPr). You have been identified as a potential Interested and/or Affected Party (I&AP) for the abovementioned project and are therefore invited to participate in the EIA process. Kindly refer to the attached background information document and process notification letter which provides further details on the project.

Please do not hesitate to contact me if you require further information relating to the project and EIA process.

Kind regards

**Mrs Gabriele Wood**

**Public Participation and Social Consultant**

**Savannah Environmental (Pty) Ltd**

**Tel: 27 11 656 3237**

**Fax: 086 684 0547**

**Email: [gabriele@savannahsa.com](mailto:gabriele@savannahsa.com)**

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