



Enquiries: Kathryn Smuts
Tel: 021 462 4502
Email: ksmuts@sahra.org.za
CaseID: 451

Date: Thursday September 20, 2012

Page No: 1

Final Comment

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

Attention: Mr Bongani Khupe
Savannah Environmental
PO Box 148
Sunninghill
2157
Gauteng

Proposed Hantam PV Solar Energy Facility and Associated Infrastructure on a Site north of Loeriesfontein, Northern Cape Province DEA Ref No 12/12/20/2049/1-7

van der Walt, J. November 2011. *Heritage Scoping Report for the Proposed Solar Energy Facility close to Loeriesfontein, Northern Cape*

van der Walt, J. January 2012. *Archaeological Impact Assessment for the Proposed Hantam PV Solar Energy Facility on the Farm Narosies 228, Loeriesfontein, Northern Cape Province*

Solar Capital (Pty) Ltd has proposed the establishment of a Photovoltaic Solar Energy Facility on Farm Narosies 228 near Loeriesfontein. The project will consist of seven phases which, together, will generate up to 525 MW of power. The total development footprint will be 2345 ha, within a developable area of 6764 ha, with each phase generating 75 MW. In addition to the array of panels mounted on foundations, each phase will include an on-site substation and new overhead power lines connecting the facility to the Helios substation, connecting cabling laid underground where possible, access roads and maintenance and storage facilities. No site alternatives were proposed for the project. The receiving environment is largely flat, with small undulations; several non-perennial drainage lines traverse the site which is currently used for grazing.

The archaeologist conducted a scoping report and an Archaeological Impact Assessment. The scoping report made use of archival maps and materials as well as archaeological source material to determine that it was possible that the area would contain evidence of human activity from the Early to Later Stone Age, with more recent material being more common, as well as evidence from the historic past, in the form of middens, structures and cultural landscape traces. The field survey was conducted by vehicle and foot and focused on potentially sensitive areas such as drainage lines, hills, outcrops and areas of disturbed topography. No heritage resources were identified during the survey.

No palaeontological assessment was conducted. The Whitehill Formation around Loeriesfontein is well known for its rich record of fossil fish, crustaceans and marine reptiles, although previous PIAs conducted in the area have found the likelihood of encountering significant palaeontological remains to be low.

Decision:

SAHRA supports the recommendations of the author and requires that:

- A palaeontological desktop assessment be compiled for the proposed development area. If the



The South African Heritage Resources Agency

Street Address: 111 Harrington Street, Cape Town 8000 * Postal Address: PO Box 4637, Cape Town 8000
* Tel: +27 21 462 4502 * Fax: +27 21 462 4509 * Web: <http://www.sahra.org.za>



Enquiries: Kathryn Smuts
Tel: 021 462 4502
Email: ksmuts@sahra.org.za
CaseID: 451

Date: Thursday September 20, 2012

Page No: 2

specialist deems the likely impact of the development on significant fossils to be minimal, a letter recommending exemption from further palaeontological studies can be submitted to SAHRA Archaeology, Palaeontology and Meteorites Unit.

As there is apparently no evidence of any significant archaeological material in this area, the SAHRA Archaeology, Palaeontology and Meteorites Unit has no objection to the development (in terms of the archaeological component of the heritage resources) on condition that, if any new evidence of archaeological sites or artefacts, graves or other heritage resources are found during development, construction or mining, SAHRA and an archaeologist must be alerted immediately.

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

Yours faithfully

Kathryn Smuts
Heritage Officer: Archaeology
South African Heritage Resources Agency

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:
(DEA, Ref: 12/12/20/2049)

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.



The South African Heritage Resources Agency

Street Address: 111 Harrington Street, Cape Town 8000 * Postal Address: PO Box 4637, Cape Town 8000
* Tel: +27 21 462 4502 * Fax: +27 21 462 4509 * Web: <http://www.sahra.org.za>