



Enquiries: Kathryn Smuts  
Tel: 021 462 4502  
Email: ksmuts@sahra.org.za  
CaseID: 120

Date: Monday July 02, 2012

Page No: 1

## Final Comment

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

Attention:

Ms Ravisha Ajodhapersadh  
Savannah Environmental  
P.O. Box 148  
Sunninghill  
2157

### Proposed Inkululeko Solar Energy Facility on Portion 2 of the Farm Carolus Poort 167, near Noupoort, Northern Cape

Booth, C. April 2012. *A Phase 1 Archaeological Impact Assessment for the Proposed Establishment of the Inkululeko Solar Energy Facility on Portion 2 of the Farm Carolus Poort 167, near Noupoort, Northern Cape Province*

Inkululeko Solar Energy (Pty) Ltd has proposed the establishment of a 20 MW Photovoltaic (PV) Solar Energy Facility on less than 20 ha of Portion 2 of the farm Carolus Poort 167 near Noupoort, Northern Cape. The proposed location is flat and under dense Karoo shrubs and grasses; no water channels traverse the property, although there are perennial and seasonal rivers in the surrounding area. No alternative location has been proposed for the development, although the proposed location was shifted slightly east after the AIA was conducted. SAHRA has considered the current AIA as adequate for the new proposed location, in the light of the recommendations made in this comment.

In addition to the solar panels and connecting underground cabling, the facility will include a 1km 33 kV overhead power line connecting the facility to the Newgate Substation; inverters and transformers; internal access roads and a workshop area.

The archaeologist conducted background research as well as a site visit. Background research indicated that the area is known to contain Early, Middle and Later Stone Age remains. Substantial work has been conducted in the area on LSA sites in particular, such as in the Seacow River Valley and at Blydefontein Rock Shelter.

The field survey identified a dense scatter of predominantly MSA with some LSA artefacts on a heavily eroded surface measuring 50m<sup>2</sup>. These artefacts were on hornfels, lydianite and chert and included flakes, blades, retouched pieces, chunks and cores. The artefacts on the exposed, eroded surface are likely to be *ex situ*, while those protected by the vegetation cover are likely to be less disturbed. Subsurface artefacts are also possible. No ostrich eggshell or other organic material was noted. The archaeologist defines this site as having medium to high cultural significance and suggests that it is worth conserving.

No palaeontological assessment was undertaken, however the Basic Assessment Report states that the area



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: 120

Date: Monday July 02, 2012

Page No: 2

is underlain by mudstone and sandstone of the Beaufort Group, intruded by Karoo Dolerite. These intrusions metamorphose the sedimentary deposits and reduce the likelihood of fossil finds.

### Decision:

SAHRA requests that:

- A professional archaeologist be appointed to monitor a representative sample of the vegetation clearing in the newly defined location area where there are potentially undisturbed subsurface remains. Should heritage resources be disturbed during clearing, activities must cease while the monitoring archaeologist records the artefacts. If the resources are considered to be of significance, Phase 2 mitigation will be required in terms of section 35 of the National Heritage Resources Act (Act 25 of 1999). The specialist will require a mitigation permit from the relevant Heritage Resources Authority. On receipt of a satisfactory mitigation (Phase 2) permit report from the archaeologist, the heritage authority will make further recommendations in terms of the site. Very often permission is given for the destruction of the remainder of the archaeological or palaeontological sites. Very rarely, if a site has high heritage significance the authority may request that it be conserved, that mini-site management plans, interpretive material and possibly protective infrastructure be established.

If any new evidence of archaeological sites or artefacts, palaeontological fossils, graves or other heritage resources are found during development, construction or mining, SAHRA (Katie Smuts / Colette Scheermeyer, tel 021 462 4502) and a professional archaeologist and/or palaeontologist, depending on the nature of the finds, must be alerted immediately.

Decisions on Built Environment (e.g. structures over 60 years) and Cultural Landscapes and associated Living Heritage (e.g. sacred sites) must be made by the Provincial Heritage Resources Authority of the Northern Cape (**Mr. Andrew Timothy**, [ratha.timothy@gmail.com](mailto:ratha.timothy@gmail.com)) to whom this Archaeological Review Comment will be copied.

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

Yours faithfully



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: 120

Date: Monday July 02, 2012

Page No: 3

---

Kathryn Smuts  
Heritage Officer: Archaeology

---

Colette Scheermeyer  
SAHRA Head Archaeologist  
South African Heritage Resources Agency

---

**ADMIN:**  
(DEA, Ref: 14/12/16/3/3/1/553)

**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>