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Palaeontological Impact Assessments & Heritage Management,
Natural History Education, Tourism, Research

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Date: 30 March 2021

**PALAEONTOLOGICAL HERITAGE RESOURCES COMMENT ON TWO
 AMENDMENT APPLICATIONS:**

- **BADENHORST DAM SOLAR PV3 : 9,99MW Auxiliary Generator (SAHRIS Case Number : 16107) – to add a GENSET facility with a 0,25ha footprint within the previously authorised laydown area;**
- **MULILO DE AAR PV PLANT : 9,99MW Auxiliary Generator (SAHRA Case Number : 16108) – to add a GENSET facility with a 0,25ha footprint within the previously authorised PV solar farm**

Combined desktop and field-based palaeontological heritage assessments (PIAs) for these two Mulilo solar PV facility projects situated on the eastern outskirts of De Aar, Emthanjeni Municipality, Northern Cape were submitted by Almond (2013a, 2013b) with an additional Palaeontological Heritage Resources Comment regarding proposed BESS for the now authorized projects (Almond 2020). The present Palaeontological Heritage Resources Comment refers to further Amendment Applications covering proposed GENSET Facilities for the two authorized projects.

In view of (1) the generally LOW palaeontological heritage sensitivity of the two relevant PV Sites previously assessed by the author and (2) the relatively very small footprint of only 2 500m² each involved here (Figure 1), it is concluded that:

- the inclusion of a GENSET facility within the authorised laydown area (Badenhorst PV3) and the previously authorised PV solar farm site (Mulilo PV Solar) will not change the nature or significance of any of the impacts assessed in the original PIA studies;
- the proposed GENSET above-ground installations are unlikely to result in any additional direct, indirect or cumulative impacts that were not previously assessed; and
- there are no additional management outcomes or mitigation measures in terms of palaeontological heritage that would be applicable to the proposed GENSET facilities.

There are therefore no objections on palaeontological heritage grounds to the proposed amendment of the EAs for the inclusion of a 9,9MW generator to each of the two relevant sites. I recommend that no further Paleontological Studies are required for these two applications.

John E. Almond

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REFERENCES

ALMOND, J.E. 2013a. Proposed photovoltaic (solar) energy facilities on Badenhorst Dam Farm near De Aar, Northern Cape. Palaeontological specialist study: combined desktop and field-based assessments, 57 pp. Natura Viva cc, Cape Town.

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ALMOND, J.E. 2020. Proposed battery energy storage system for three authorised Mulilo Solar PV facilities (Du Plessis Dam Solar PV1, Badenhorst Solar PV2 and Badenhorst Dam Solar PV3) near De Aar, Emthanjeni Municipality, Northern Cape. Palaeontological Heritage Resources Comment on Proposed Amendment, 4 pp. Natura Viva cc, Cape Town.

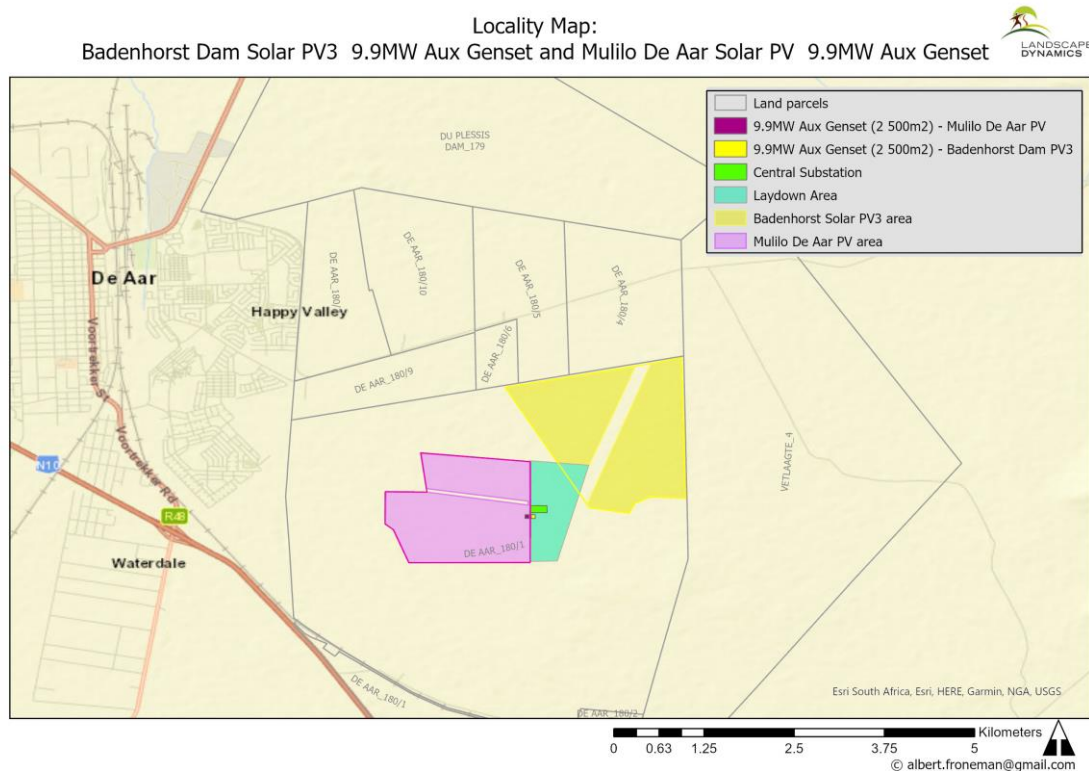


Figure 1: Map of the eastern outskirts of De Aar, Northern Cape, showing the location of the two Mulilo solar PV facilities as well as the proposed sites for the associated Genset facilities (Image provided by Landscape Dynamics).

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