

Our Ref:



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: Natasha Higgitt
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CaseID: 12470

Date: Tuesday May 29, 2018
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Interim Comment

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

Attention: Pieter Badenhorst Professional Services

The proposed properties on which the expansion of agricultural activities, pipelines and associated infrastructure will take place are situated on two properties namely Kakamas South Settlement no 2193 and 2815, Augrabies.

Pieter Badenhorst Professional Services has been appointed by Oseiland Eindomme (Pty) Ltd to conduct an Environmental Authorisation (EA) Application process for a proposed citrus development on Renosterkop Extension, Augrabies, Northern Cape. The proposed development is to establish additional agricultural areas for the cultivation of vineyards and orchards on areas with indigenous vegetation and across small streams. It is also proposed to construct additional pipelines, that will cross streams.

ACRM and Natura Viva cc have been appointed to provide heritage input for the EA application process.

Almond, J. E. 2018. Palaeontological Assessment: Recommended Exemption from further palaeontological studies: Proposed new citrus development on farm Kakamas South Settlement No. 2185 & 2193 near Augrabies, Kai! Garib Municipality, Northern Cape.

The proposed development area is underlain by ancient Precambrian igneous and metamorphic bedrocks of the Riemvasmaak Gneiss of the Namaqua-Natal Province that do not contain fossils. These rocks are overlain by Quaternary to recent aged alluvial and aeolian surface gravels that are of low palaeontological sensitivity. The overall area has a low palaeontological sensitivity and no further studies are recommended.

Recommendations provided in the report include that should substantial fossil remains, such as vertebrate bones and teeth, or petrified logs of fossil wood, be encountered at surface or exposed during construction, the ECO should safeguard these, preferably in situ. They should then alert the relevant provincial heritage management authority as soon as possible -i.e. SAHRA. This is to ensure that appropriate action (i.e. recording, sampling or collection of fossils, recording of relevant geological data) can be taken by a professional palaeontologist at the developer's expense.

Kaplan, J. 2017. Archaeological Impact Assessment: Proposed citrus development, Renosterkop Extension (Kakamas South Settlement No. 2185 & 2193) Augrabies, Northern Cape.

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A total of 103 surface occurrences of Middle Stone Age (MSA) and Later Stone Age (LSA) lithics were identified within the proposed development area. These include utilised and retouched flakes, cores (bipolar core and bladelet core) with three possible scrapers, an anvil and a broken hammerstone. None of these artefacts were found in context due to the partial transformation and degradation of the area. The overall significance of the heritage resources was rated as having a low significance.

Recommendations provided in the report include the following:

- No archaeological mitigation is required prior to proposed activities commencing;
- Should any unmarked human burials/remains or ostrich eggshell water flask caches be uncovered, or exposed during preparation of the lands for cultivation, these must immediately be reported to the archaeologist (Jonathan Kaplan 082 321 0172), or SAHRA. Burials, etc. must not be removed or disturbed until inspected by the archaeologist;
- The above recommendations must be incorporated into the Environmental Management Plan (EMP) for the proposed development.

Interim Comment

SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit requests that the draft Basic Assessment Report (BAR) and all appendices must be submitted to the case application on SAHRIS so that an informed comment can be issued.

Further comments will be issued upon receipt of the above.

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

Yours faithfully

Natasha Higgitt
Heritage Officer

AIA Proposed construction of agricultural development on Kakamas South Settlement no 2185 and 2193, Augrabies

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South African Heritage Resources Agency

Phillip Hine
Acting Manager: Archaeology, Palaeontology and Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/503907>
(DENC, Ref:)