



an agency of the  
Department of Arts and Culture

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CaseID: 16773

Date: Wednesday August 11, 2021  
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## **Final Comment**

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

Attention: Neels Kruger

### **ARCHAEOLOGICAL IMPACT ASSESSMENT (AIA) ON A PORTION OF THE FARM OLIFANTSFONTEIN 410JR FOR THE PROPOSED A-THERMAL RETORT TECHNOLOGIES PLANT UPGRADE PROJECT, CITY OF TSHWANE, GAUTENG PROVINCE**

**Kruger, N. May 2019. Archaeological Impact Assessment (AIA) On A Portion Of The Farm  
Olifantsfontein 410JR For The Proposed A-Thermal Retort Technologies Plant Upgrade Project, City Of  
Tshwane, Gauteng Province**

The proposed development entails the upgrading of the existing thermal plant over a surface area of approximately 2.5ha

The author notes that the proposed A-Thermal Retort Technologies Plant Upgrade Project area is situated in environments that have been transformed and degraded as a result of urbanization and as such, no archaeological objects or sites, or features of heritage potential were noted during the site survey of the development footprint. The author recommends that a general watching brief monitoring process whereby an informed Environmental Control Officer inspects the construction sites on a regular basis in order to monitor possible impacts on heritage resources.

**Fourie, H. February 2020. A-Thermal Retort Technologies Plant Upgrade Project City of Tshwane  
Metropolitan Municipality, Gauteng Province Farm: Portion of Olifantsfontein 410-JR. Palaeontological  
Impact Assessment: Phase 1 Field Study**

The author noted that the potential impact of the development on fossil heritage is VERY HIGH for the Vryheid Formation to the east and HIGH for the Malmani Subgroups. The author states that all the land involved in the development was assessed and none of the property is unsuitable for development.

The author recommends that special care must be taken during the digging, drilling, blasting and excavating of foundations, trenches, channels and footings and removal of overburden as a site visit may have missed a fossiliferous outcrop. The Environmental Control Officer must survey for fossils before and or after blasting,

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drilling or excavating. An appropriate Protocol and Management plan is attached for the Environmental Control Officer.

### **Final Comment**

In terms of archaeological and palaeontological heritage, the SAHRA Archaeology, Palaeontology and Meteorites Unit has no objections to this proposed development, provided that the recommendations in the specialist reports and this comment are adhered to, and in addition, on the following conditions: If any evidence of archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments and charcoal/ash concentrations) or palaeontological remains are found during the proposed activities, SAHRA must be alerted immediately, and a professional archaeologist or palaeontologist, based on the nature of the finds, must be contacted as soon as possible to inspect the findings. If the newly discovered heritage resources prove to be of significance a Phase 2 rescue operation might be necessary.

If any unmarked human burials are uncovered and the archaeologist called in to inspect the finds and/or the police find them to be heritage graves, mitigation may be necessary and the SAHRA Burial Grounds and Graves (BGG) Unit must be contacted for processes to follow.

Should the project be granted Environmental Authorisation, SAHRA must be notified and all relevant documents submitted to the case on SAHRIS.

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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Andrew Salomon  
Heritage Officer: Archaeology  
South African Heritage Resources Agency

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

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**ADMIN:**

Direct URL to case: <https://sahris.sahra.org.za/node/577588>

**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.