

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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CaseID: 14315

Date: Thursday October 10, 2019  
Page No: 1

## Final Comment

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

Attention: Dr Edward Matenga  
Archaeological and Heritage Services Africa (Pty) Ltd

#### **PHASE I HERITAGE IMPACT ASSESSMENT (INCLUDING PALAEOLOGICAL DESKTOP ASSESSMENT) REQUESTED IN TERMS OF SECTION 38 OF THE NATIONAL HERITAGE RESOURCES ACT NO 25/1999 FOR THE PROPOSED MAOKENG HOUSING DEVELOPMENT (KROONSTAD) FREE STATE PROVINCE**

The proposed project entails the construction of high-density residential housing on three land portions in Moakeng Township (Seisoville, Snakepark and Relebohile Extensions), Kroonstad, Moqhaka Local Municipality, Free State Province. A Heritage Impact Assessment (HIA) and separate Palaeontological Impact Assessment (PIA) were submitted with the application.

*BAMFORD, M. 2019. PALAEOLOGICAL IMPACT ASSESSMENT FOR THE PROPOSED CONSTRUCTION OF THREE RESIDENTIAL TOWNSHIPS IN KROONSTAD, FREE STATE PROVINCE - DESKTOP STUDY.*

The proposed area is underlain by sandstones and mudstones of the Adelaide Subgroup (Beaufort Group, Karoo Supergroup), in which typical vertebrates of the *Pristerognathus*, *Tropidostoma*, *Cistecephalus* and *Dicynodon* Assemblage Zones, as well as typical (but very infrequent) late *Glossopteris* flora plants, could occur. Surface exposures are likely to be very weathered or destroyed by previous urban and agricultural activities. Large exposures of Jurassic dolerite dykes occur throughout the area. The attached Fossil Chance Find Protocol should be added to the EMPr.

*MATENGA, E. 2019. PHASE I HERITAGE IMPACT ASSESSMENT (INCLUDING PALAEOLOGICAL DESKTOP ASSESSMENT) REQUESTED IN TERMS OF SECTION 38 OF THE NATIONAL HERITAGE RESOURCES ACT NO 25/1999 FOR THE PROPOSED MAOKENG HOUSING DEVELOPMENT (KROONSTAD) FREE STATE PROVINCE.*

The author found no evidence of iron age sites or stone age material within the proposed development

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footprint area. Modern structures of low heritage significance were identified, namely Concrete debris including a column of a building (Site SSV01) within Seisoville Extension; foundation remains of a rectangular building marked by stones and an earth mound (Site RBH01) within Relebohile Extension; and earth embankment and perforated square concrete tiles (Sites SPK01 and SNP02) within Snakepark Extension. The Snake Park finds lie within a wetland area and will not be affected.

### Final comment

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has reviewed the HIA and PIA and has no objections against the proposed development. Please note that structures older than 60 years are protected under the NHRA (No 25 of 1999); a comment on the Built Environment must be obtained from Heritage Free State (Ms Loudine Philip: [loudine.philip@nasmus.co.za](mailto:loudine.philip@nasmus.co.za)). The recommendations in the HIA and PIA as well as the following conditions that must be adhered to and be incorporated into the Environmental Management Programme (EMPr) for implementation:

1. The draft EIA and appendices must be submitted to SAHRA and the case must be mapped on SAHRIS.
2. Should any objects of archaeological or palaeontological remains be found during construction activities, work must immediately stop in that area and the Environmental Control Officer (ECO) must be informed.
3. The ECO must inform the South African Heritage Recourse Agency (SAHRA) and contact an archaeologist and/or palaeontologist, depending on the nature of the find, to assess the importance and rescue them if necessary (with the relevant SAHRA permit). No work may be resumed in this area without the permission from the ECO and SAHRA.
4. If the newly discovered heritage resource is considered significant a Phase 2 assessment may be required. A permit from the responsible heritage authority will be needed.
5. A Chance Finds Procedures must be developed for the project to ensure that standard protocols and steps are followed should any heritage and/or fossil resources be uncovered during all phases of the project. These procedures should outline the steps and reporting structure to be followed in the instance that heritage resources are found. This must be included in the Environmental Awareness Plan.

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6. The final EIA and appendices must be submitted to SAHRA upon submission to DEA. Should the project be granted Environmental Authorisation, SAHRA must be notified and all relevant documents submitted to the case file.

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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Ragna Redelstorff  
Heritage Officer  
South African Heritage Resources Agency

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

**ADMIN:**

Direct URL to case: <http://www.sahra.org.za/node/528328>

**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.