

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 14540

Date: Wednesday December 04, 2019
Page No: 1

Interim Comment

In terms of Section 38(8), 38(3) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Magogudi Construction Projects CC

11 Kreupelhout Ave, Weltevreden Park

The activities to be undertaken on the site involve temporary storage and pre-processing (baling) of waste tyres at the proposed depot that has a total operational footprint of ±4 ha. The types of tyre waste to be handled on site will include passenger vehicle tyres, truck tyres, motorbike tyres, 4x4 vehicle tyres, light commercial vehicle tyres and Off-The-Road tyres (OTR).

Magogudi Construction Projects CC appointed Ndi Geological Consulting Services (Pty) Ltd to conduct the Environmental Application for the construction and operation of the temporary tyre storage and pre-treatment depot approximately 4ha located on Portion 9 of Farm 36 in Slypklip South Estate, Magareng Local Municipality, Frances Baard District Municipality, Northern Cape.

The draft Basic Assessment was submitted in terms of the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA), the construction and operation of the temporary tyre storage and pre-treatment depot triggers activities listed in GNR 983 of the NEMA EIA Regulations.

Magogudi Construction Projects CC will provide facilities for the temporary storage and pre-processing of waste tyres over a 5 year period. The activities to be undertaken on the site involve storage and pre-processing (bailing) of waste tyres at the proposed depot.

Exigo Sustainability was appointed to undertake the heritage studies as per section 38(3) of the NHRA.

Kruger, N. 2019. Archaeological Impact Assessment (AIA) on a Portion of the Farm Slypklip 36 for the Proposed Magogudi Tyre Storage Facilities Slypklip Project, Frances Baard District Municipality, Northern Cape Province

Stone Age remains associated with geo-morphological exposures along the Vaal River and a number of Middle Stone Age tools were found scattered across the project landscape on surfaces previously transformed by crop farming. Artefacts observed include both residue and debris, and formal MSA tools such as scrapers, points, blades, prepared cores and residue flakes. Their primary context has in all probability been lost



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

compromising their scientific value.

Recommendations provided in the report include the following:

A number of MSA lithics, including formal tools such as broken points, scrapers and a blade were noted in the project area along previously cultivated surfaces. The transformed nature of the local landscape has resulted in a loss of primary context and as such, the scientific value of the artefacts. However, it is recommended that any development activities be monitored in order to avoid the destruction of previously undetected Stone Age occurrences.

Considering the localised nature of heritage remains, the general monitoring of the development progress by an ECO or by the heritage specialist is recommended for all stages of the project. Should any subsurface palaeontological, archaeological or historical material, or burials be exposed during construction activities, all activities should be suspended, and the archaeological specialist should be notified immediately.

It is essential that cognisance be taken of the larger archaeological landscape of the area in order to avoid the destruction of previously undetected heritage sites. It should be stated that it is likely that further undetected archaeological remains might occur elsewhere in the Study Area along water sources and drainage lines, fountains and pans would often have attracted human activity in the past. Also, since Stone Age material seems to originate from below present soil surfaces in eroded areas, the larger landscape should be regarded as potentially sensitive in terms of possible subsurface deposits. Burials and historically significant structures dating to the Colonial Period occur on farms in the area and these resources should be avoided during all phases of construction and development, including the operational phases of the development.

Fourie, H. 2019. Palaeontological Impact Assessment Desktop Study: Magogudi Tyre Storage Facilities Slypklip Dikgatlong Local Municipality, Frances Baard District Municipality, Northern Cape Province. Farm: Portion Slypklip 36

The study area is located on the metasediments and igneous rocks of the Allanridge Formation (Platberg Group, Ventersdorp Supergroup) of low palaeontological significance. The area is partly underlain by the shales of the Prince Albert Formation (Ecca Group, Karoo Supergroup) which are of moderate palaeontological sensitivity and the potentially fossiliferous Quaternary aeolian dune sands.

There is no objection to the development, but it may be necessary to request a Phase 1 Palaeontological

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 14540

Date: Wednesday December 04, 2019
Page No: 3

Impact Assessment: Field study to identify fossiliferous outcrops as the palaeontological sensitivity is high and a Phase 2 Palaeontological Mitigation which is generally required if the Phase 1 Palaeontological Assessment identified a fossiliferous formation or surface fossils or if fossils are found during construction. The Protocol for a Chance Find and Management Plan is attached for the ECO.

Interim Comment

The SAHRA Archaeology, Palaeontology, Meteorite (APM) unit notes the submitted heritage studies. The AIA however does not contain a tracklog for the survey and a map of the identified heritage sites including the cemetery relative to the study area.

The AIA report must be amended to include the tracklog and the map before further comments can be issued.

Due to the proximity of igneous rocks to the fossiliferous formations within the study area, any fossils are very likely to be destroyed. As such SAHRA APM exempts the developer from any further palaeontological studies.

The SAHRA advises the EAP to make an application to the competent authority in terms of section 19(1)b of the NEMA EIA Regulations to extend the EA process to comply with this comment.

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
South African Heritage Resources Agency

Our Ref:



an agency of the
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za
South African Heritage Resources Agency | 111 Harrington Street | Cape Town
P.O. Box 4637 | Cape Town | 8001
www.sahra.org.za

Enquiries: Natasha Higgitt
Tel: 021 462 4502
Email: nhiggitt@sahra.org.za
CaseID: 14540

Date: Wednesday December 04, 2019
Page No: 4

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

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/530831>
(DENC, Ref: NC/BA/30/FB/MAG/WIN1/2019)

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.