



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: Ragna Redelstorff
Tel: +27 (0)21 202 8651
Email: rredelstorff@sahra.org.za
CaseID: 11894

Date: Monday November 27, 2017
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Interim Comment

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

Attention: Ms Busisiwe Mlambo
South African National Roads Agency - Eastern Region

SANRAL is of the intention to upgrade Section 16 of National Route 1, situated between Zandkraal and Winburg, in the Free State with an additional carriage way on the western side of the N inside the existing road reserve.

The proposed project entails the upgrading of National Route 1 Section 16 from Zandkraal to Winburg South in the Free State Province. Proposed upgrades will include widening to a dual divided carriage way within the existing N1 road reserve as well as the construction of seven bridge structures. A draft BAR, AIA and PIA were submitted with the application.

Kruger N., 2012. Archaeological Impact Assessment on the Farms Makotopong 1200ls and Kalkfontein 615ls for the Proposed Wayland Iron Ore Mine, Capricorn District Municipality, Limpopo Province.

Rossouw, L. 2016. Phase 1 Palaeontological Impact Assessment of a proposed new road alignment and widening of Section 16 of the N1 national road between Zandkraal 31 and Winburg South, FS Province.

As this is an upgrade of an existing road, the area is much disturbed and as such the likelihood of finding intact fossil material in the superficial deposits is considered negligible. The subsections underlain by igneous dolerite intrusions are not considered palaeontologically significant. However, there is a moderate to high likelihood that palaeontological resources could be negatively impacted within the road reserve where excavations into intact floodplain deposits along the bridge crossings at the Klein and Groot Vet Rivers or extensive excavations (> 0.5m depth x 10m²) into fresh sedimentary bedrock are planned.

Recommendations:

A professional palaeontologist is to be appointed to monitor any excavations into intact floodplain deposits flanking the bridge crossings at the Klein and Groot Vet Rivers as well as excavations into fresh sedimentary bedrock exceeding a depth of 0.5m x 10m².

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The AIA submitted covers an area in the Limpopo Province and not the area proposed in this project. The correct area must be assessed and the report be submitted to SAHRA. Archaeological resources, historical structures, buildings older than 60 years and burial grounds and graves must be assessed in this all-compassing Heritage Impact Assessment (HIA).

The SAHRA Archaeology, Palaeontology and Meteorites Unit will comment on the PIA once the following is submitted:

- A full HIA assessing all heritage resources in the correct area.

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

Yours faithfully

Ragna Redelstorff
Heritage Officer
South African Heritage Resources Agency

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

ADMIN:

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Direct URL to case: <http://www.sahra.org.za/node/409669>
(DEA, Ref: 14/12/16/3/3/1/1706)

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.