



an agency of the
Department of Arts and Culture

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CaseID: 19763

Date: Tuesday November 01, 2022
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Final Comment

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

Attention: Mrs Lzelle Coetzee
Department of Public Works
256 Madiba Street, Pretoria, 0001

Proposed New 850mm Bulk Water Supply Pipeline to be Constructed on the Remainder of Portion 406 of the Farm Pretoria Town and Townlands 531-JR, City Of Tshwane Metropolitan Municipality, Gauteng Province.

Van Schalkwyk, J. May 2022. Phase 1 Cultural Heritage Impact Assessment: The Proposed Construction Of Bulk Water Supply Pipeline For Salvokop Extension 5, City Of Tshwane, Gauteng Province

Bamford, M. September 2022. Palaeontological Impact Assessment for the proposed Salvokop Bulk Water Line and Servitude, Freedom Park, Pretoria, Gauteng Province

The proposed development entails the construction of a bulk water supply pipeline for Salvokop Extension 5. The pipeline will run from the existing reservoir and to be constructed water reservoirs in the Freedom Park Precinct in a northeastern direction towards Salvokop Extension 5.

The initial archaeological assessment revealed no sites, features or objects of cultural significance.

The palaeontological assessment revealed that the proposed site lies on siltstones, shales and quartzites of the Timeball Hill Formation (Pretoria Group, Transvaal Supergroup) that are about 2250 million years old, and on outcrops of diabase (that are volcanic, therefore no fossils present). The author notes that none of the geological literature indicates the presence of any stromatolites but the Palaeotechnical Report for Gauteng Province does. Although there is an extremely small chance that stromatolites or microbialites (microbial features) are present, the author recommends that a Fossil Chance Find Protocol should be added to the Environmental Management Plan report.

Final Comment

In terms of archaeological and palaeontological heritage, the SAHRA Archaeology, Palaeontology and



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Meteorites Unit has no objections to this proposed development, provided that the recommendations in the above specialist reports and this comment are adhered to, and in addition, on the following conditions:

- A palaeontological Chance Find Protocol must be implemented by the Environmental Control Officer or site manager in charge of these developments.
- 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

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

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/606450>
(, Ref:)

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.