

PROPOSED TOWNSHIP DEVELOPMENT ON PORTION 488 OF LYDENBURG TOWNLANDS 31JT, IN LYDENBURG

Our Ref: Case 14807



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: Nokukhanya Khumalo

Tel: 021 462 4502

Email: nkhumalo@sahra.org.za

CaseID: 14807

Date: Friday March 19, 2021

Page No: 1

Final Comment

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

Attention: Mr Anton Pelsler

A Pelsler Archaeological Consulting

P.O. Box 73703

Lynwood Ridge

0040

PHASE 1 HIA REPORT FOR PROPOSED TOWNSHIP DEVELOPMENT ON PORTION 488 OF LYDENBURG TOWNLANDS 31JT, IN LYDENBURG, MPUMALANGA PROVINCE - APAC019/20

KHS (Pty) Ltd are proposing to establish a residential area on Portion 488 of the farm Lydenburg Town and Townlands 31 JT, in the Local Municipality of Province.

Phila Environmental Management (Pty) Ltd have undertaken a draft Basic Assessment report on behalf of the applicant, in support of an Environmental Authorisation in terms of the National Environmental Management Act, 1998 (NEMA), as amended in respect of listed activities in the NEMA 2014 EIA Regulations, as amended for an integrated EA application.

Phila Environmental Management (Pty) Ltd have appointed APelsler Archaeology Consulting cc to undertake a Heritage Impact Assessment (HIA), In order to meet the requirements of SAHRA for commenting in terms of section 38(8) of the National Heritage Resources Act, no. 25 of 1999 (NHRA).

Pelsler, A. March 2019. PHASE 1 HIA Report for Proposed Township Development on Portion 488 of Lydenburg Townlands 31 JT, in Lydenburg, Mpumalanga Province.

The author undertook a field survey of the proposed residential area and identified a number of culturally resources both historical and archaeological. The field survey of the development footprint identified a horse shoe and MSA flake in the study area, as well as a Late Iron Age stone walled site with some isolated potsherds. The stone walled site is of low to medium significance. Outside the development footprint is Fort Howard but this site will not be impacted on.

- The author recommends that a section 35 permit for mitigation is applied to mitigate the LIA stone walled site. This must be done by a suitably qualified archaeologist.

PROPOSED TOWNSHIP DEVELOPMENT ON PORTION 488 OF LYDENBURG TOWNLANDS 31JT, IN LYDENBURG

Our Ref: Case 14807



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: Nokukhanya Khumalo

Tel: 021 462 4502

Email: nkhumalo@sahra.org.za

CaseID: 14807

Date: Friday March 19, 2021

Page No: 2

- Due to dense grass cover the author recommends a chance finds procedure in the event that more heritage resources are identified during excavations.

SAHRA issued an Interim Comment dated 30/04/2020, in which the environmental documents were requested along with a .kml file of the proposed development area. SAHRA also requested that the palaeosensitivity of the development location is checked once the .kml file is submitted so that a Palaeontological Impact Assessment is carried out if it is needed according to the SAHRIS palaeomap palaeosensitivity policy.

Some additional documents were submitted 23/02/2021, however, the requested palaeontological report has not been submitted. A Final Comment was issued on 09/03/2021 stating that SAHRA cannot make an informed decision without the PIA report. It was subsequently submitted on 12/03/2021.

Fourie, H. 2019. Pentagon Business and Residential Development Thaba Chweu Local Municipality, Ehlanzeni District Municipality, Mpumalanga Province Farm: Portion 488 townlands of Lydenburg 31-JT. Desktop Study.

The study area is underlain by shale and mudstones of the Silverton Formation, Pretoria Group, Transvaal Supergroup, with some areas overlain by Quaternary sediments. The Silverton Formation is of high palaeontological significance due to the occurrence of stromatolites.

The author recommends the following:

If any palaeontological material is exposed during digging, excavating, drilling or blasting, SAHRA must be notified. All development activities must be stopped, a 30 m no-go barrier constructed and a palaeontologist should be called in to determine proper mitigation measures.

Final Comment

The South African Heritage Resources Agency (SAHRA) Archaeology, Palaeontology and Meteorites (APM) Unit accepts the HIA and the PIA reports submitted to the case for commenting, and has no objection to the development going ahead on the following conditions.

A comment regarding the retention or destruction of the buildings identified in the HIA report must be obtained from the Mpumalanga Heritage Resources Authority (MPHRA). Please contact Mr Benjamin Moduka at bmoduka@mpg.gov.za for processes to follow.

PROPOSED TOWNSHIP DEVELOPMENT ON PORTION 488 OF LYDENBURG TOWNLANDS 31JT, IN LYDENBURG

Our Ref: Case 14807



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: Nokukhanya Khumalo

Tel: 021 462 4502

Email: nkhumalo@sahra.org.za

CaseID: 14807

Date: Friday March 19, 2021

Page No: 3

SAHRA notes that a permit application (Case ID 14123) for the mitigation of the LIA site has already been lodged.

Once all mitigation work has been carried out, the archaeologist must monitor all ground clearance activities. A report of the monitoring must be submitted to the case.

The Chance Finds Fossil Procedures as detailed in the PIA report under appendix 2 must be included in the EMP.

The ECO, mine manager and mine workers must obtain training in identifying fossils that may occur in the mine right area.

In the event that fossils are uncovered during construction then construction must cease within the immediate vicinity, a buffer of 30 m must be established, and a palaeontologist called in to inspect the finds. The palaeontologist must obtain a section 35(4) permit in terms of NHRA and Chapter IV NHRA Regulations, before any fossils are collected.

If there are any new heritages resources are discovered during construction and operation phases of the proposed development, then a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the findings at the expense of the developer.

If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required at the expense of the developer. Mitigation will only be carried out after the archaeologist or palaeontologist obtains a permit in terms of section 35 of the NHRA (Act 25 of 1999). You may contact SAHRA APM Unit for further details: (Nokukhanya Khumalo/Phillip Hine 021 202 8654).

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, then mitigation may be necessary and the SAHRA Burial Grounds and Graves (BGG) Unit must be contacted for processes to follow (Thingahangwi Tshivase/Mimi Seetelo 072 802 1251).

The Final BAR and its appendices must be submitted to the case and once a Record of Decision from the competent authority is issued, it must also be submitted to the case.

**PROPOSED TOWNSHIP DEVELOPMENT ON PORTION 488 OF LYDENBURG
TOWNLANDS 31JT, IN LYDENBURG**

Our Ref: Case 14807



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: Nokukhanya Khumalo
Tel: 021 462 4502
Email: nkhumalo@sahra.org.za
CaseID: 14807

Date: Friday March 19, 2021
Page No: 4

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

Yours faithfully

Nokukhanya Khumalo
Heritage Officer
South African Heritage Resources Agency

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

ADMIN:

Direct URL to case: <https://sahris.sahra.org.za/node/533797>

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.