



**THE PROPOSED CONSTRUCTION OF ETHAFENI GRAVEL ACCESS ROAD,  
WITHIN THE JURISDICTION OF UMLALAZI LOCAL MUNICIPALITY, KING  
GEBETHWAYO DISTRICT, KWAZULU-NATAL**

Enquiries: Bernadet Pawandiwa  
Tel: 033 394 6543  
Email: bernadep@amafapmb.co.za  
CaseID: 14525

Date: Monday February 03, 2020  
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### **Interim Comment**

**IN TERMS OF SECTION 38(8) OF THE NATIONAL HERITAGE RESOURCES ACT (ACT 25 OF 1999) AND  
SECTION 41 OF THE KWAZULU-NATAL AMAFA AND RESEARCH INSTITUTE ACT (ACT 05 OF 2018)**

Attention: Emvelo Quality and Environmental Consultant

The proposed development entails the construction of a 3.5km x 5m wide gravel access road and a Culvert Causeway: The culvert will consist of four (4) pre-cast portal culverts/cells. Each portal culvert cell will be 2.1m long x 3.4m wide and 2.1m in height. with 2x2 wingwalls on either side of a culvert. Wingwalls will be constructed on separate foundation using in-situ material and compacted using fills between the wings, each having a length of 2m, a width of 2m and a height of 3m and there will be a 200 mm foundation slab made up of concrete. Micro drainage infrastructure which consists of side drains (toe drains and 1000V-drains) and grassed lined drains will be upgraded.

Thank you for the opportunity to comment on the proposed development as outlined above. The development footprint lies in an area of very high to high palaeontological sensitivity and therefore requires assessment by an expert in that field of heritage studies. It is noted that the road development is largely an upgrade. Since the road development exercise will involve realignment and excavation for the causeway, in an area of very high fossil sensitivity, a palaeontologist is required to conduct a fieldbased survey and offer appropriate mitigation measures before construction activities commence.

Considering the heritage value of the area of proposed development, a heritage Impact Assessment is required for the above proposed project. The assessment should include a field-based assessment by a palaeontologist.

The Study should cover:

- Identification of all heritage resources in the development area and its surroundings -50m
- Assessment of the impact of the development on such heritage
- Evaluation of the impact of the development on heritage resources relative to the sustainable social and economic benefits to be derived from the development
- Consideration of alternatives if heritage resources are affected by the development



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- Mitigation plans for any adverse effects during and after completion of the project
- Table of all heritage resources identified .This should show heritage resource type, description, location, significance and reasons for this rating.

Please download our list of Heritage Practitioners from our website [www.heritagekzn.co.za](http://www.heritagekzn.co.za).

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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Bernadet Pawandiwa  
Senior Heritage Officer  
KwaZulu-Natal Amafa and Research Institute

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**ADMIN:**

Direct URL to case: <https://sahris.sahra.org.za/node/530763>

**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 the Institute immediately.
3. The Institute reserves the right to request additional information as required.