



an agency of the
Department of Arts and Culture

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CaseID: 17025

Date: Friday October 08, 2021
Page No: 1

Final Comment

In terms of Section 38(4), 38(8) of the National Heritage Resources Act (Act 25 of 1999)

Attention: Mantsopa Local Municipality

38 Joubert Street
PO Box 64
Ladybrand
9745

Application for a Mining Permit in Ladybrand. Dorp Gronden Ladybrand 451/RE, site lies within the Mantsopa Local Municipality, in the Thabo Mofutsanyane District Municipality.

Mantsopa Local Municipality appointed Environmental Management Group to undertake the Environmental Authorisation (EA) Application for the proposed gravel borrow pit (to supply of construction materials for the surrounding area) located on farm Dorp Gronden Ladybrand 451/RE in Ladybrand, Free State Province.

A draft Basic Assessment Report (BAR) and Environmental Management Programme (EMPr) Report has been submitted in terms of the National Environmental Management Act, 1998 and the National Environmental Management Waste Act, 2008 in Respect of listed activities that have been triggered by application in terms of the Mineral and Petroleum Resources Development Act, 2002 (MPRDA) (as amended). The development will impact an area of approximately 4.9ha. Mobile and temporary structures will be used during the operational period of the borrow pit which includes the office site and space for vehicle parking in an area of about 0, 5 ha. A 900 m fence will be erected around the borrow pit totaling a surface area of approximately 4, 4 ha.

Paleo Field Services has been appointed to provide heritage specialist input as required by section 24(4)b(iii) of NEMA and section 38(3) and 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Rossouw, L. 2021. Phase 1 Heritage Impact Assessment of a Proposed New Borrow Pit near Ladybrand, FS Province

The development area is underlain by the Late Triassic – Early Jurassic Elliot Formation of the Karoo Supergroup and small localised unfossiliferous Jurassic dolerite intrusions. Late Triassic to Early Jurassic dinosaurs (Massospondylus and Euskelesaurus) ornithischians, rare theropods and crocodylomorphs as well as rare amphibians, turtles, fish, advanced mammal-like reptiles and early mammals are known to be

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contained by the Elliot Formation. Several early dinosaur localities have been found in the vicinity of Ladybrand in the past and the likelihood of discovering vertebrate remains and ichnofossils during excavation activities in the area is high.

The study area is located within close proximity of Leliehoek Shelter and Rose Cottage Cave (a declared heritage site located only about 300 m away), on the northern slopes of Platberg. No heritage resources were discovered on the site, however the proposed development at the site is not advised and the archaeological component of the footprint is assigned a site rating of Local Significance 3A.

Final Comment

The SAHRA Archaeology, Palaeontology and Meteorites (APM) unit notes the heritage studies along with the recommendations provided therein. The heritage specialist report and the SAHRA notes that the proposed development is within an area considered to be of high archaeological significance (Local Significance 3A) which will likely have an adverse effect on the integrity of Platberg cultural landscape and that further mining or mining related activities at Dorp Gronden Ladybrand 451/RE are not advised.

SAHRA therefore advises the Department of Mineral Resources and Energy (DMRE) to reject the application for the proposed borrow pit on farm Dorp Gronden Ladybrand 451/RE, Ladybrand, Free State Province. The decision on the EA must be submitted to SAHRA when a decision is made.

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

Yours faithfully

Sityhilelo Ngcatsha
Archaeology, Palaeontology, Meteorite Assistant
South African Heritage Resources Agency

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Phillip Hine
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South African Heritage Resources Agency

ADMIN:
Direct URL to case: <https://sahris.sahra.org.za/node/580987>