

PROPOSED DEVELOPMENT OF A HYDROGEN PRODUCTION DEVELOPMENT PLATFORM AT THE MOGALAKWENA PLATINUM MINE

Our Ref: 19182



an agency of the
Department of Arts and Culture

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CaseID: 19182

Date: Friday September 16, 2022

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Final Comment

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

Attention: Anglo American Platinum Limited

55 Marshall Street, Floor 11, Marshalltown, Johannesburg, 2001, South Africa

Anglo American Platinum Limited, an Anglo American company, is proposing to expand its existing Proof of Concept Plant hydrogen production facility, with the inclusion of a hydrogen Production Development Platform within the Mining Right area of the Mogalakwena Mine.

SLR Consulting South Africa (Pty) Ltd has been appointed by Anglo American Platinum Limited to undertake an environmental assessment in support of an Environmental Authorisation (EA) in terms of the National Environment Management Act, Act 107 of 1998 (NEMA) for activities that trigger the NEMA EIA 2014 Regulations.

Anglo American Platinum Limited is proposing to expand their approved 8ha Proof of Concept Plant hydrogen production facility within the Mining Right area, located on the Farm Zwartfontein 818 LR of the Mogalakwena Mine.

A Basic Assessment Report (BAR) was been submitted to SAHRA in terms of section 38(8) of the National Heritage Resources Act, 25 of 1999 for commenting. As well as a Letter of recommendation for exemption from undertaking a Heritage and a Palaeontological Impact Assessment has submitted.

Van der Walt, J. May 2022. Application for exemption from a Heritage Impact Assessment for the Mogalakwena Production Development Platform (PDP).

The study area is within the existing Mogalakwena mine on land previously used as for crop farming in the 1960's. Historical Heritage assessments did not identify any heritage resources on site. Currently the area has been cleared and construction of the renewable energy facility has commenced. The author recommends no further assessment of impacts to both heritage and palaeontological resources.

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The following comments are made as a requirement in terms of section 3(4) of the NEMA Regulations and section 38(8) of the NHRA in the format provided in section 38(4) of the NHRA and must be included in the Final EIA and EMPr:

38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit and the Burial Grounds and Graves (BGG) Unit has no objections to the proposed development;

38(4)b – The recommendations provided by the heritage specialists are supported and must be adhered to. No Additional conditions are provided for the development.

38(4)c(i) – If any evidence of archaeological sites or remains (e.g. remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, charcoal and ash concentrations), fossils or other categories of heritage resources are found during the proposed development, SAHRA APM Unit (Nokukhanya Khumalo/Phillip Hine 021 202 8654) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offence in terms of section 51(1)e of the NHRA and item 5 of the Schedule;

38(4)c(ii) – If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Ngqalabutho Madida 012 320 8490), must be alerted immediately as per section 36(6) of the NHRA. Non-compliance with section of the NHRA is an offence in terms of section 51(1)e of the NHRA and item 5 of the Schedule;

38(4)d – See section 51(1) of the NHRA;

38(4)e – The following conditions apply with regards to the appointment of specialists:

i) If heritage resources are uncovered during the course of the development, a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted as soon as possible to inspect the heritage resource. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance, a Phase 2 rescue operation may be required subject to permits issued by SAHRA;

The Final BAR must be submitted to SAHRA for record purposes;

The decision regarding the EA Application must be communicated to SAHRA and uploaded to the SAHRIS Case application.

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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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/602461>
(, 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.