



an agency of the
Department of Arts and Culture

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CaseID: 10395

Date: Friday August 04, 2017

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Interim Comment

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

Attention: Mr Neels Kruger

Exigo Sustainability

Eulophia Corner Building 1

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Perseuor Park

Pretoria

0020

ARCHAEOLOGICAL IMPACT ASSESSMENT (AIA) ON THE FARM MAANDAGSHOEK 254 KT FOR THE PROPOSED DEVELOPMENT OF POLLUTION CONTROL DAMS, SMOKEY HILLS MINE, STEELPOORT, GREATER TUBATSE LOCAL MUNICIPALITY, LIMPOPO PROVINCE (FORMERLY: ARCHAEOLOGICAL IMPACT ASSESSMENT (AIA) ON THE FARM MAANDAGSHOEK 254 KT FOR THE PROPOSED SMOKEY HILLS OPENCAST MINING PROJECT AND STORM WATER CONTROL DAMS, STEELPOORT AREA, GREATER TUBATSE LOCAL MUNICIPALITY, LIMPOPO PROVINCE)

Exigo Sustainability has been appointed by Phokothaba Platinum (Pty) Ltd to conduct an Environmental Impact Assessment report in support of an Environmental Authorisation application. The application is made in terms of the National Environmental Management Act, 107 of 1999 and the Mineral and Petroleum Resources Development Act, 28 of 2002 (MPRDA). The Exigo in house heritage specialist has compiled an amended HIA report and submitted to SAHRA for comments in terms of the National Heritage Resources Act, 25 of 1999 (NHRA). But in submitting the amended HIA the specialist removed the first copy which SAHRA commented on 12/12/2016.

Phokothaba Platinum is no longer considering extending open cast operations as such the EIA will only be assessing the proposed two new Pollution Control Dams (PCD), one evaporation dam that will also work as a PCD as part of a new storm water management system. The Smokey Hills Mine managed by Phokothaba Platinum is located on the farm Maandagshoek 254 KT, Greater Tubatse Local Municipality of Limpopo Province.

Kruger, N. June 2017. Archaeological Impact Assessment. Proposed Development of Pollution Control Dams, Steelpoort Area, Greater Tubatse Local Municipality, Limpopo Province.

The first survey also looked at the area of proposed opencast pit area however the mine has changed the

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scope of the work, to exclude the opencast pit area. The report submitted to SAHRA on 2016 had identified two heritage features that will be impacted and the resultant comment, SAHRA had supported the recommendation for ground-penetrating radar and had requested a report of the findings. The EIA report confirms that the location of the previously identified heritage features was in the then proposed opencast pit area. As this is no longer being pursued these features will no longer be impacted.

The author undertook a second survey of the proposed Pollution Control Dams footprint area within the Smokey Hills Mining complex. No heritage features are located within the development footprint and the author provides no further recommendations.

Interim Comment

SAHRA Archaeology, Palaeontology and Meteorites (APM) accepts the recommendations provided in the reports submitted to the case and the following conditions need to be included in the EMPr:

- As the development of the PCD will be near drainage lines, there is a possibility of fossils occurring in Quaternary soils along drainage lines. Therefore SAHRA requires a suitably qualified palaeontologist to be appointed to draft a Chance Fossil Finds Procedure to be included in the EMPr. The procedure should be implemented if any fossils are uncovered.
- The appointed palaeontologist must draft a fossil awareness programme for the construction team induction, as well as train the ECO in identification of fossils that may occur within the region.
- The ECO as part of the EMPr must monitor all ground clearance and excavations activities in the sections of the project. A report of the monitoring must be submitted to SAHRA at the end of construction.

SAHRA will issue a Final Comment once the following is uploaded to the case:

- The Final EIA report and the appendices must be submitted to the case.
- The updated EMPr with the fossil finds procedure.
- The HIA that SAHRA commented on in December must be re-uploaded to the case.

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

Yours faithfully

**AIA FOR THE PROPOSED DEVELOPMENT OF POLLUTION CONTROL DAMS,
SMOKEY HILLS MINE, LIMPOPO PROVINCE**

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Nokukhanya Khumalo
Heritage Officer
South African Heritage Resources Agency

John Gribble
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Meteorites Unit
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/375481>