

Our Ref:



an agency of the
Department of Arts and Culture

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South African Heritage Resources Agency | 111 Harrington Street | Cape Town
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Enquiries: Sityhilelo Ngcatsha
Tel: 0212028663
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CaseID: 21662

Date: Thursday August 10, 2023
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Interim Comment

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

Attention: Harmony Gold Mining Company Limited

P.O Box 2, Randfontein, 1760

The applicant wishes to expand their reclamation activities to the Mispah 1 TSF through the construction of a reclamation pump station and installation of additional piping infrastructure to meet the planned Life of Mine (LOM) plan. The planned infrastructure will include a new process water and slurry pipeline and reclamation pump station. The infrastructure planned is a new 600mm slurry- and 500mm low-pressure process water pipelines of almost 9km from the East Pump Station to the Mispah 1 TSF Reclamation Pump Station. Both the slurry and process water pipeline to cross the Vaal River at Nologwa Bridge. The proposed project is located on Mispah 274 (RE), Zuiping 394 (1), Chrystalkop 69(RE), Hoekplats 598 (RE), Modderfontein 440(4), Viljoenskroon RD 598 (RE), across the City of Matlosana Local Municipality and Moqhaka Local Municipality, North West and Free State provinces, respectively.

Environmental Impact Management Services has been appointed by Mine Waste Solutions (Pty) Ltd to undertake the Environmental Authorisation (EA) Application for the construction of the proposed reclamation pump station and the installation of associated pipeline infrastructure, on portion 4 of the Farm Modderfontein IP 440, Farm Mispah IP 274, Farm Chrystalkop IP 69, Farm Hoekplats IP 598, Farm Viljoenskroon RD IP 446, remaining extent of Portion 4 of Farm Modderfontein IP 440 and portion 1 of Farm Zuiping IP 394 in both the North West and Free State Provinces (DFFE REF: 14/12/16/3/3/1/2714).

The Final Basic Assessment Report (FBAR) has been submitted in terms of the National Environmental Management Act (Act 107 of 1998, as amended) (NEMA) and the 2017 amended NEMA Environmental Impact Assessment (EIA) Regulations. The proposed new infrastructure is considered an upgrade and development of the existing pipeline infrastructure. This will include construction of a reclamation pump station west of the Mispah 1 TSF, installation of a new 600mm slurry and 500m low-pressure process water pipeline of almost 9km from the East Pump Station to the Mispah 1 TSF Reclamation Pump Station. Both the slurry and process water pipelines will be crossing the Vaal River over the Nologwa Bridge; and the installation of a

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100mm NB potable waterline and a 150mm NB sewage line at the reclamation pump station.

PGS Heritage (Pty) Ltd was appointed to provide heritage specialist input for the as required by section 24(4)b(iii) of NEMA and section 38(8) of the National Heritage Resources Act, Act 25 of 1999 (NHRA).

Fourie, W. 2023. The Proposed development of a the Mispah 1 TSF Reclamation Pipelines Project

No heritage resources were identified in the study area. A Chance Finds Procedure has been attached to be implemented during development.

Interim Comment

The SAHRA Development Application Unit (DAU) notes the HIA along with the recommendations provided therein. The proposed development area is located mostly within an area of very high sensitivity in terms of palaeontological resources as per the SAHRIS PalaeoSensitivity map. As such, a field based Palaeontological Impact Assessment (PIA) must be undertaken by a qualified palaeontologist (See <https://www.palaeosa.org/heritage-practitioners.html> for a list of qualified palaeontologists). The report must comply with the 2012 Minimum Standards: Palaeontological Components of Heritage Impact Assessments.

Further comments will be issued once the PIA Report has been submitted.

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

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Archaeology, Palaeontology, Meteorite Assistant
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/619247>

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.