

Our Ref:



an agency of the  
Department of Arts and Culture

T: +27 21 462 4502 | F: +27 21 462 4509 | E: info@sahra.org.za  
South African Heritage Resources Agency | 111 Harrington Street | Cape Town  
P.O. Box 4637 | Cape Town | 8001  
www.sahra.org.za

Enquiries: Elijah Dumisani Katsetse

Tel: 0214624502

Email: ekatsetse@sahra.org.za

CaseID: 17901

Date: Thursday March 17, 2022

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## Final Comment

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

Attention: Mr John van Wyk  
AngloGold Ashanti

**The Applicant is planning to install additional pipeline infrastructure to meet the planned Life of Mine (LOM) production rates and increase the volume of return water from Kareerand TSF to the reclamation pump stations. The current slurry and return water infrastructure fail to meet the requirements of the planned LOM and impacts on the long-term sustainability of the MWS operations. The proposed new infrastructure is considered an upgrade and expansion of the existing reclamation pipeline infrastructure and is as follows: • An additional 750mm diameter return water pipeline along the existing pipeline route from Kareerand TSF to Midway Dam; and • The installation of a new 6.2km slurry pipeline from Midway Dam towards the MWS Plant. The new pipeline will be installed alongside the existing pipelines and tie-in made upon commissioning whereafter the existing pipeline will be repurposed to a process water line. The proposed project site is located in City of Matlosana, North West Province, South Africa**

Environmental Impact Management Services (EIMS) (Pty) Ltd has been appointed by Mine Waste Solutions (MWS) (Pty) Ltd to conduct an Environmental Authorisation (EA) Application for the upgrade and expansion on an existing water pipeline located on Portions 2, 6, 7 and 15 of the Farm Buffelsfontein 443 IP; Portions 0, 2, 5, 12, 13, 24, 37, 57, 70, 81, 91, and 103 of the Farm Hrtebeestfontein 422 IP; Portions 30 and 33 of the Farm Stillfontein 408 IP; Portion 0 of the Farm OMV 534 IP and Portion 0 of the Farm Wildebeestpan 442 IP Stillfontein, Matlosan Local Municipality, Dr. Kenneth Kaunda District Municipality, North West Province.

A draft Basic Assessment Report has been submitted in terms of the National Environmental Management Act, no 107 of 1998 (NEMA) and the NEMA Environmental Impact Assessment (EIA) Regulations. The scope of work include the expansion of an already existing water pipeline with associated infrastructure of an additional 6 km return water pipeline (750 mm diameter) from Kareerand TSF to Midway Dam and a new 6.2 km slurry pipeline (600 mm diameter) from Midway Dam to MWS Processing Plant.

EIMS, PGS Heritage, and Benzai Environmental have been appointed to provide heritage specialist input as part of the EIA process 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).

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*Mann, N. Deember 2021. The Proposed Kareerand Pipeline Project for Harmony Mine Between Klerksdorp and Potchestroom, North West Province.*

It should be noted that although site suvey was thorough some areas of the pipeline could not be covered due to dense vegetation and poor visibility. No evidence for any archaeological or heritage sites could be identified within the environs of the study area. No impact is thus expected from the proposed development and no mitigation on heritage is recommended.

*Butler, E. December 2021. Palaeontological Impact Assessment for the Proposed Mine Waste Solutions Kareerand: Return Water Pipeline and Midway Slurry transfer Line Project, In the North West Province.*

The proposed development is underlain by the Ecca Group of the Karoo Supergroup, diabase, and the following formations of the Pretoria Group (Transvaal Supergroup): Daspoort - Strubenkop, Hekpoort and Timeball Hill Formations; and the Malmani Subgroup of the Chuniespoort Group (Transvaal Supergroup).

A site-specific field assessment of the development footprint was conducted on foot and by motor vehicle on 11 December 2021. Farily weatered stromatolites outcrops were identified on the Return Water Pipeline development. Due to preservation an overall Low Palaeontological Sensitivity is allocated to the development footprint. It is therefore considered that the proposed development is deemed appropriate and will not lead to detrimental impacts on the palaeontological reserves of the area. No further palaeontological studies are required pending the discovery of new fossils. A Palaeontological Chance Find Protocol is recommended for implementation by the ECO.

## Final Comment

The SAHRA's APM Unit has received the draft BAR as part of the Environmental Authorisation process, attached to the BAR are heritage specialist studies. SAHRA supports the recommendation made in the reports by respective specialists and has no objections to the project.

SAHRA inserts the following comments 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 BAR and EMPr:

- 38(4)a – The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the

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proposed expansion;

- 38(4)b – The recommendations of the specialists are supported and must be adhered to. Further additional specific conditions are provided for the development;
- Vegetation clearance of dense area not thoroughly surveyed must be monitored by a qualified archaeologist and a report of this must be submitted to SAHRA for commenting prior to construction. Construction may not commence without this report and feedback from SAHRA.
- A Palaeontological Chance Find Protocol must be included in the EMPr.
- 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 (Elijah Katsetse/Phillip Hine 021 462 4502) must be alerted as per section 35(3) of the NHRA. Non-compliance with section of the NHRA is an offense 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 offense 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 and EMPr 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.

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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Elijah Dumisani Katsetse  
Heritage Officer  
South African Heritage Resources Agency

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Phillip Hine  
Manager: Archaeology, Palaeontology and Meteorites Unit  
South African Heritage Resources Agency

**ADMIN:**

Direct URL to case: <https://sahris.sahra.org.za/node/592193>

**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.