

Final Comment

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

Attention: Leago Mining & Infrastructure Investments

Drilling of 5-10 cores of 60mm diameter prospecting holes up to 250m deep for iron ore and manganese south of Postmasburg. Each drilling site includes a sump of 1.5mx 1.5m x 1m and a wire safety fence around an area of 1000m².

Orton, J. February 2014. SCOPING HERITAGE IMPACT ASSESSMENT FOR PROPOSED PROSPECTING ON FARMS 53, 56, 566 AND 567, HAY MAGISTERIAL DISTRICT, NORTHERN CAPE

Almond, J. February 2014. PALAEOONTOLOGICAL HERITAGE BASIC ASSESSMENT: DESKTOP STUDY Proposed mineral prospecting on the farms Achambachs Puts 56, Plaas 53, Plaas 566 and Plaas 567 near Griekwastad, Siyancuma Local Municipality, Hay Magisterial District, Northern Cape

Thank you for informing SAHRA of the application for prospecting right for iron ore and manganese. In terms of Section 38(8) of the National Heritage Resources Act (Act 25 of 1999), any proposed development that requires an application in terms of NEMA or the MPRDA must have an assessment of impacts to heritage resources completed as part of the application process. The relevant heritage authority must determine whether the assessment done in terms of impacts to heritage resources satisfies our requirements and must provide comments or recommendations to the decision-making authority.

The proposed prospecting entails the establishment of five drill sites of 1000m², each of which will be fenced off. Each drill site will house a drill hole (60mm in diameter), drill rig placements, topsoil storage and sumps. No heavy excavator equipment will be used on site. Each hole is up to 250m deep and approximately one week is required per hole. Based on the results of these five holes, up to five more holes may be drilled as required.

According to the submitted desktop studies, the archaeological sites most likely to be impacted by the proposed prospecting include open-air stone age sites, often associated with water courses and pans as well as rock engravings and unmarked burials. However, as the footprint of the impact of the prospecting is limited, it is unlikely that any of these resources will be impacted.

According to the submitted palaeontological assessment, the palaeontological sensitivity of the proposed prospecting area is generally low with the exception of a small outcrop of the Makganyene Formation and the pan sediments. As above, as the footprint of the impact of the prospecting is limited, it is unlikely that any of these resources will be impacted.

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Based on the submitted information, SAHRA has no objection to the proposed prospecting on heritage grounds as due to the limited footprint of the proposed work, it is unlikely that the proposed prospecting will impact on significant heritage resources.

It is recommended that;

- All drilling sites should be located at least 100m from water courses and pans to limit the likelihood of impact to open-air stone age sites. If any area containing stone artefacts in reasonable numbers (e.g. more than 10 within a few metres of one another) is noted during site selection and/or preparation then the drill site should either be moved to exclude such area of artefacts with a buffer of 10 m (if possible) or else inspected by an archaeologist prior to any disturbance

- If any engraved rocks are noted their location must be recorded and an area of non-disturbance of at least 15 metres around the rocks must be observed. Engraved rocks are not to be removed or disturbed in any way.

- Should any evidence of archaeological sites or remains (e.g., remnants of stone-made structures, indigenous ceramics, bones, stone artefacts, ostrich eggshell fragments, marine shell and charcoal/ash concentrations), rock art, unmarked human burials, fossils or other categories of heritage resources be found during the proposed activities, or in any future activities, SAHRA APM Unit (Jenna Lavin/Colette Scheermeyer 021 462 4502) must be alerted immediately, and a professional archaeologist or palaeontologist, depending on the nature of the finds, must be contacted as soon as possible to inspect the findings. If the newly discovered heritage resources prove to be of archaeological or palaeontological significance a Phase 2 rescue operation might be necessary.

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

Yours faithfully

Jenna Lavin
Heritage Officer
South African Heritage Resources Agency



Postmasberg Manganese & Iron Ore Project 1

Our Ref: 9/2/037/0001

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CaseID: 4804

Date: Friday February 28, 2014

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an agency of the
Department of Arts and Culture

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/156579>
Edit view (DMR - NC, Ref: NC 30/5/1/1/2/10975 PR)

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.



The South African Heritage Resources Agency

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