

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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CaseID: 12068

Date: Monday January 22, 2018  
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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: Assmang (Pty) Ltd

**Assmang Limited - has lodged an application to initiate certain additional activities at the Khumani Iron Ore Mine. These will include the establishment of a Low-Grade ROM (Run of Mine) Sorter Plant south west of the existing King Plant, the decommissioning of the existing Magazines and Silos on site, and the establishment of two new Silos/Magazines areas on site. The farms to be affected are King 561 - Portion RE; Mokaning 260 - Portion 1; Parson 564 - Portion RE; Parson 564 - Portion 9 (new registration); and Bruce 544 - Portion RE. The entrance Bruce Mine and Parson Silo Access is respectively 16km and 23km south of Kathu, with the entrance to King Mine approximately 13km to the south of Kathu, Northern Cape Province.**

Envirogistics (Pty) Ltd has been appointed by Assmang (Pty) Ltd: Khumani Iron Ore Mine to conduct an Environmental Authorisation (EA) Application in order to initiate additional activities within the approved Mining Right Area (NC30/5/1/2/3/2/1/070) of the Khumani Iron Ore Mine, near Kathu, Northern Cape Province.

A Final Basic Assessment Report (BAR) has been submitted in terms of the National Environmental Management Waste Act, 2008 (Act 59 of 2008) (NEMWA), National Environmental Management Act, No 107 of 1998 (NEMA), and the 2017 NEMA Environmental Impact Assessment (EIA) Regulations, for activities that trigger the Mineral and Petroleum Resources Development Act, No 28 of 2002 (MPRDA)(As amended). The proposed activities include a low grade Run of Mine (RoM) Sorter Plant and Stockpile, two proposed silos and magazines, and the demolition of two existing silos.

HCAC – Heritage Consultants and Palaeo Field Services were appointed to conduct the heritage component of the BAR.

*Van der Walt, J. 2017. Heritage Impact Assessment for the proposed Khumani Iron Ore Project, Sishen, Northern Cape.*

No heritage resources were identified within the proposed development area. Recommendations provided in the report include the Implementation of a chance finds procedure.

*Rossouw, L. 2017. Palaeontological Desktop study of a 10 ha expansion of the Khumani low grade mine at*

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*Sishen, Northern Cape Province.*

The proposed development is underlain by the Gamagarra Formation sediments that are not sensitive in terms of palaeontological resources. As the area is not located near a pan, spring or alluvial deposits, the Quaternary deposits that overlie the Gamagarra Formation, are of low to very low palaeontological sensitivity. Recommendations provided in the report include that in the unlikely event of a fossil discovery within the Quaternary overburden, a professional palaeontologist must be called in immediately to confirm and record the finds.

### **Final Comment**

The SAHRA Archaeology, Palaeontology and Meteorites (APM) Unit has no objections to the proposed development, and endorses the recommendations of the heritage specialists. The recommendations of the specialists and the following conditions must be incorporated into the Environmental Management Programme (EMPr):

- A Chance Finds and Fossil Finds Procedure must be developed and implemented as part of the EMPr;
- 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 (Natasha Higgitt/Phillip Hine 021 462 5402) must be alerted. If unmarked human burials are uncovered, the SAHRA Burial Grounds and Graves (BGG) Unit (Thingahangwi Tshivhase/Mimi Seetelo 012 320 8490), must be alerted immediately. A professional archaeologist or palaeontologist, depending on the nature of the finds, must be contracted 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 may be required subject to permits issued by SAHRA.
- Should the project be granted the Environmental Authorisation, SAHRA must be notified and all relevant documents submitted to the case file.

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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Natasha Higgitt  
Heritage Officer  
South African Heritage Resources Agency

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

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**ADMIN:**

Direct URL to case: <http://www.sahra.org.za/node/487570>  
(DMR - NC, Ref: NC 30/5/1//3/2/1/070EM)

**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.