



Final Comment

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

Attention: Mr Jeff Leader
Ntsimbintle e' Ntle Manganese Mining
Edit view P O Box 652286
Benmore
South Africa
2010

CONSULTATION IN TERMS OF SECTION 40 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT 2002, (ACT 28 OF 2002) FOR THE APPROVAL OF AN AMENDED ENVIRONMENTAL MANAGEMENT PLAN FOR AN EXISTING PROSPECTING RIGHT ON THE REMAINING EXTENT OF THE FARM WESSELS NO.227 AND THE REMAINING EXTENT, PORTION 1 AND 2 OF THE FARM DIBLAGHOMO NO.226, BOTH SITUATED IN THE MAGISTERIAL DISTRICT OF KURUMAN, NORTHERN CAPE REGION.

Fourie, W. May 2013. Tshipi é Ntle Manganese Mining: Prospecting on Remaining extent of the farm Wessels 227 and Portions 1 and 2 and the remaining extent of the farm Dibiaghomo 226, near Black Rock in the Northern Cape Province Heritage Impact Assessment

Groenewald, G. April 2013. Palaeontological Desktop Assessment of the Farm Wessels 227 and Portions 1 and 2 and the Remaining Extent of the Farm Dibiaghomo 226, near Hotazel Town in the John Toalo Gaetsewe District Municipality in the Northern Cape Province

The above studies were submitted in support of a proposed amendment to an existing prospecting right. The proposed prospecting entails the digging of approximately 120 boreholes over a number of farms. Four new boreholes are proposed within the next three years.

The submitted Heritage Impact Assessment identified a number of heritage resources that might be impacted by the proposed development. These resources include three historical sites and farmsteads (DIB 1, DIB 8 and WES1), four cemeteries (DIB 2, DIB 7, DIB 8 and WES 2) as well as thirteen sites of Middle and Later Stone Age archaeological significance (DIB 3, 4, 5, 6, 9, 10, 11, 12 and WES 3, 4, 5, 6, 7).

The identified cemeteries have a high heritage significance. The historical farmsteads within the study area (DIB 8 and WES 1) also have heritage significance in their association with the cemeteries. The identified archaeological sites give a unique window on the Middle and Later Stone Age in this area and as such, are also of high heritage significance.

According to the palaeontological assessment, the proposed development site is underlain by claystone, calcrete and dune sand of the Cretaceous to Tertiary Kalahari Formation, which is in turn underlain by remnants of the Dwyka tillite of the Karoo Supergroup and Proterozoic aged Hotazel Iron Formation and





underlying Ongeluk lava Formation. Fossils may be located within the calcareous deposits of the Kalahari Formation. Stromatolite structures are known from the dolomite deposits of the Transvaal Supergroup.

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SAHRA has no objection to the proposed prospecting on condition that;

- The developer and the ECO must be made aware of the possible presence of "Stromatolites" in the pre-Kalahari Formations and if recorded in future drilling operations, a palaeontologist must be informed and appropriate actions taken in the event of future mining of the stratigraphic units.
- The identified historical sites (DIB 1, DIB 8 and WES 1) must be demarcated as No-Go areas with a 20m buffer for prospecting activities.
- The identified cemeteries (DIB 2, DIB 7 and WES 2) must be demarcated as No-Go areas with a 20m buffer for prospecting activities.
- The identified archaeological sites (DIB 3, DIB 4, DIB 5, DIB 6, DIB 9, DIB 10, DIB 11, DIB 12, WES 3, WES 4, WES 5, WES 7 and WES 7) must be demarcated as No-Go areas with a 20m buffer for prospecting activities.

Should any new evidence of archaeological sites or artefacts, palaeontological fossils, graves or other heritage resources is found during development, construction or mining, SAHRA and an archaeologist and/or palaeontologist, depending on the nature of the finds, must be alerted immediately.

Should a mining application result from these prospecting activities, a new heritage assessment must be completed and submitted to SAHRA and the location of the identified heritage resources must be taken into consideration.

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





Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

Direct URL to case: <http://www.sahra.org.za/node/103903>
Edit view (DMR, Ref: NC 30/5/1/1/3/2/1/1251 EM)

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.

