



Interim Comment

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

Attention: Mr Dean Riley
Itereleng Bakgatla Mineral Resources (Pty) Ltd
Private Bag X11
Highveld
0067

Proposed Changes to Surface Infrastructure at the Itereleng Bakgatla Mineral Resources (Pty) Ltd (IBMR) Sedibelo Platinum Mine

Pistorius, JCC. February 2012. A Phase I Heritage Impact Assessment Study For A Combined Platinum Mining Operation Near The Pilanesberg In The North-West Province: Changing The Layout Of Mine Infrastructure For The Approved Open Cast And Underground Mining Operation At The Sedibelo Platinum Mine.

Itereleng Bakgatla Mineral Resources (Pty) Ltd (IBMR), which owns and operates the developing Sedibelo Platinum Mine proposes a joint venture with Pilanesberg Platinum Mines (Pty) Ltd (PPM) and Richtrau No 123 (Pty) Ltd (Richtrau) which are situated on neighbouring farms to develop three separate projects that could function as a combined mining operation.

It is noted that the heritage report submitted to SAHRA APM Unit focuses on the Sedibelo Platinum mining areas, i.e. on the farms Wilgespruit 2 JQ, Portion 1 of Rooderand 46 JQ, Legkraal 45 JQ and Koedoesfontein 42 JQ. It is further noted that Pilanesberg Platinum Mines (Pty) Ltd, proposes that the Tuschenkomst open pit on the farm Tuschenkomst be extended onto the farms Wilgespruit 2 JQ and a part of portion 1 of Rooderand 46 JQ. In addition Richtrau No 123 (Pty) Ltd. proposes to access and process ore from the underground pit at Magazynskraal using Sedibelo infrastructure. The layout of surface infrastructure will therefore require changing to better suit the proposed operations. It is currently proposed to change the location of the concentrator plant and shaft area.

The author notes that the Sedibelo Platinum Area is not in pristine condition since it has been disturbed by years of previous human occupation and agricultural activities. The author notes that the farm Wilgespruit 2JQ, in particular, has been occupied by large number of families over the years, who erected shelters, planted crops and herded cattle, which generally resulted in the degradation of the area.

The following heritage resources were identified during the field assessment:

- Two erosion areas with limited number of stone tools on the farm Wilgespruit 2JQ. The stone tools at site



**CHANGES TO SURFACE INFRASTRUCTURE AT SEDIBELO PLATINUM MINE
(DEDECT Reference Number: NWP/EIA/89/2011)**

Our Ref: 9/2/256/0007



Enquiries: Phillip Hine
Tel: 021 462 4502
Email: phine@sahra.org.za
CaseID: 861

Date: Friday March 15, 2013

Page No: 2

SIA/02 are associated with Moloko pottery of the Late Iron Age. The report indicated that the scatters of stone tools are of low significance because they do not represent *in situ* material and contain low numbers of tools. However, the author did not provide any information about the size of the sites or density per square meters.

- A 12m x 8m early pioneer dwelling with dolerite foundations that has since been demolished. According to the report the site could have been one of the earliest known Voortrekker houses;
- Several homesteads that are of recent age have been identified. These are all in a poor state of preservation and "can be recognized by eroded patches on the landscape or means of the foundations of these residences which in most cases consist of upright stones". The sites were given a low significance rating.

According to the map provided on page 35, the Stone Age and Iron Age pottery scatter is located in an area that won't be affected by the proposed mining activities. However, sites RP04 and RP08 will likely be impacted by the proposed development.

No palaeontological assessment was undertaken for the proposed project.

Decision:

- The two archaeological sites, SIA/01 and SIA/02 must not be impacted by the proposed mining activities. It is recommended that a buffer zone of at least 20 meters must be maintained and that the location of the sites be marked on all construction maps.

- Decision for sites related to the Built Environment must be referred to the North West Provincial Heritage Authority (Mr Mosiane Mothlabane, email: mosianem@nwpg.gov.za, tel. 018 388 2826).

- A desktop palaeontological assessment or alternatively, a letter of exemption from a palaeontologist must be submitted to SAHRA APM Unit.

- If any new evidence of archaeological sites or artefacts, palaeontological fossils, graves or other heritage resources are found during development, construction or mining, SAHRA and a professional archaeologist/palaeontologist depending on the find must be alerted immediately. If the newly discovered heritage resource is deemed to be significant, a rescue operation might be necessary at the cost of the developer.

- SAHRA will provide a Final Comment on the proposed project upon submission of the Palaeontological Assessment.

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

Yours faithfully



The South African Heritage Resources Agency

Street Address: 111 Harrington Street, Cape Town 8000 * Postal Address: PO Box 4637, Cape Town 8000
* Tel: +27 21 462 4502 * Fax: +27 21 462 4509 * Web: <http://www.sahra.org.za>

**CHANGES TO SURFACE INFRASTRUCTURE AT SEDIBELO PLATINUM MINE
(DEDECT Reference Number: NWP/EIA/89/2011)**

Our Ref: 9/2/256/0007



Enquiries: Phillip Hine
Tel: 021 462 4502
Email: phine@sahra.org.za
CaseID: 861

Date: Friday March 15, 2013

Page No: 3

Phillip Hine
Heritage Officer

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:
(DMR, Ref: NW30/5/1/2/3/2/1/333MR)

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

Street Address: 111 Harrington Street, Cape Town 8000 * Postal Address: PO Box 4637, Cape Town 8000
* Tel: +27 21 462 4502 * Fax: +27 21 462 4509 * Web: <http://www.sahra.org.za>