



Our Ref:

Enquiries: Andrew Salomon
Tel: 021 462 4502
Email: asalomon@sahra.org.za
CaseID: 1221

Date: Thursday January 17, 2013

Page No: 1

Final Comment

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

Attention: Trans-Caledon Tunnel Authority

Abstraction and processing plant for the AMD Project in the Central Basin.

Nel, J. & Karodia, S. August 2012. Heritage Statement and Letter Of Recommendation For Exemption: Heritage Impact Assessment For The Short Term Intervention For The Central Basin Of The Witwatersrand Gold Fields Acid Mine Drainage (AMD) Project.

The proposed development entails measures planned by the Trans-Caledon Tunnel Authority to mitigate the highly negative environmental effects of acid mine drainage in the Western, Central and Eastern Basins of the Witwatersrand Gold Fields.

To this end, a new water treatment plant will be constructed at the East Rand Proprietary Mines South West Vertical Shaft area and this construction will include: the installation of pumps, the construction of a new High Density Sludge plant, a waste sludge pipeline to the Crown Knights Gold processing plant, a treated water pipeline to the Elsburgspruit, and investigation and planning for a possible future waste sludge pipeline to an existing tailings disposal facility.

The proposed project area extends from Durban Roodepoort Deep in the west to ERPM in the east and the treatment plant will be situated approximately 1.8 km east of the Germiston Central Business District on the western portion of the East Rand Proprietary Mines South West Vertical Shaft area.

Following literature review, consulting of relevant databases and collections, cartographic surveying, consulting of previous heritage reports, and a site visit, the authors concluded that the project area has been highly disturbed through earlier mining activities and vandalism, and that the infrastructure that had been present has been demolished and removed. Only one building remains on the proposed abstraction property and at the proposed treatment plant, existing infrastructure dates to the mid-1970s.

The authors contend that the project area has been degraded to such an extent that no heritage resources can be expected to occur and have requested that this project be granted exemption from a full Heritage Impact Assessment.



Central Basin, Acid Mine Drainage Project

Our Ref:

Enquiries: Andrew Salomon
Tel: 021 462 4502
Email: asalomon@sahra.org.za
CaseID: 1221

Date: Thursday January 17, 2013

Page No: 2



The SAHRA Archaeology, Palaeontology and Meteorites Unit grants exemption to the Short Term Intervention For The Central Basin Of The Witwatersrand Gold Fields Acid Mine Drainage (AMD) Project from a full Phase 1 Heritage Impact Assessment on condition that, if any new evidence of archaeological sites or artefacts, palaeontological fossils, graves or other heritage resources are found during development, construction or mining, SAHRA or an archaeologist must be alerted immediately.

Please note that decisions on Built Environment must be referred to the Gauteng Provincial Heritage Resources Authority, to whom this comment will be copied.

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

Yours faithfully

Andrew Salomon
Heritage Officer: Archaeology
South African Heritage Resources Agency

Colette Scheermeyer
SAHRA Head Archaeologist
South African Heritage Resources Agency

ADMIN:

(DEA, Ref: 12/1220/2403)

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>