

VENETIA MINE



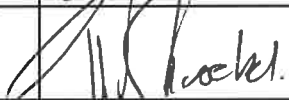
VENETIA MINE EMS HERITAGE RESOURCES PROCEDURE

REV 3

IMPLEMENTATION DATE
2016/10/21

DOC NO DBG01133

VENETIA MINE EMS HERITAGE RESOURCES PROCEDURE

| AUTHORISATIONS | NAME | POSITION | SIGNATURE | DATE |
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1 PURPOSE

The purpose of this procedure is to ensure that any heritage resource found within the scope of Venetia Mine's EMS are protected and conserved according to legislative requirements.

2 SCOPE

This procedure is applicable to the scope of Venetia Mine's Environmental Management System (EMS) as documented in the EMS Scope procedure (DBG0977) and all Venetia Mine's employees, visitors and contractors with due consideration of all activities executed, products used and services rendered at Venetia Mine.

3 DEFINITIONS

Refer to EMS Definitions Procedure (DBG0937).

| TERM | DEFINITION |
|-------|---|
| EMS | Environmental Management System |
| SAHRA | South African Heritage Resources Agency |
| PHRA | Provincial Heritage Resources Agency |
| NHRA | National Heritage Resource Act no. 25 of 1999 |

4 ABBREVIATIONS

| ABBREVIATION | TERM |
|-----------------|---|
| Archaeological | (a) material remains resulting from human activity which are in a state of disuse and are in or on land and which are older than 100 years, including artifacts, human and hominid remains and artificial features and structures; (b) rock art, being any form of painting, engraving or other graphic representation on a fixed rock surface or loose rock or stone, which was executed by human agency and which is older than 100 years, including any area within 10m of such representation; (c) features, structures and artifacts associated with military history which are older than 75 years and the sites on which they are found; |
| Conservation | in relation to heritage resources, includes protection, maintenance, preservation and sustainable use of places or objects so as to safeguard their cultural significance. |
| Paleontological | means any fossilised remains or fossil trace of animals or plants which lived in the geological past, other than fossil fuels or fossiliferous rock intended for industrial |

| ABBREVIATION | TERM |
|------------------------------------|--|
| | use, and any site which contains such fossilised remains or trace. |
| Tangible heritage resources | include sites, structures, places, natural features and fauna of paleontological, archaeological, historical, aesthetic, scientific, architectural, religious, symbolic or traditional importance to specific groups |
| Intangible heritage | includes cultural tradition, oral history, performance, ritual, popular memory, skills and techniques, indigenous knowledge systems, and the holistic approach to nature, society and social relationships. These can, but need not necessarily be identified with demarcated locations. |
| Heritage resources | refer to both tangible and intangible aspects of inherited culture. |

5 REVIEW RESPONSIBILITY

The Environmental Manager is responsible to ensure that this procedure is updated, implemented and maintained on behalf of the General Manager and the Environmental Management Representative(s).

6 IMPLEMENTATION RESPONSIBILITY

It is the responsibility of the relevant Environmental Officer to enforce this procedure. It is, however the responsibility of the authorised persons to adhere to this procedure. Relevant personnel are to familiarise themselves with this procedure before commencing with this specific task.

7 PROCEDURE DESCRIPTION

7.1 General

Heritage Resources

7.1.1 The National Heritage Resource Act (NHRA) defines a heritage resource as “any place or object of cultural significance”

7.1.2 The NHRA lists the following as heritage resources:

- (a) places, buildings, structures and equipment of cultural significance;
- (b) places to which oral traditions are attached or which are associated with living heritage;
- (c) historical settlements and townscapes;
- (d) landscapes and natural features of cultural significance;
- (e) geological sites of scientific or cultural importance;
- (f) archaeological and paleontological sites;
- (g) graves and burial grounds, including:
 - ancestral graves
 - royal graves and graves of traditional leaders;
 - graves of victims of conflict;

- graves of individuals designated by the Minister by notice in the Gazette
 - historical graves and cemeteries; and
 - other human remains which are not covered in terms of the Human Tissue Act, 1983 (Act No. 65 of 1983);
- (h) sites of significance relating to the history of slavery in South Africa;
- (i) movable objects, including:
- objects recovered from the soil or waters of South Africa including archaeological and paleontological objects and material, meteorites and rare geological specimens;
 - objects to which oral traditions are attached or which are associated with living heritage;
 - ethnographic art and objects;
 - military objects;
 - objects of decorative or fine art;
 - objects of scientific or technological interest; and
 - books, records, documents, photographic positives and negatives, graphic, film or video material or sound recordings, excluding those that are public records as defined in section 1 of the National Archives of South Africa Act, (Act No. 43 OF 1996).

7.1.3. In addition to the heritage resources listed above, officials should also treat battlefields, rain making sites and religious sites as heritage resources.

7.2 Activities that are prohibited by the NHRA

Certain activities are prohibited in terms of the National Heritage Resource Act. If any activities as defined in Table 1. below are undertaken by any employee or contractor of the mine, the mine must first obtain permission from the relevant authorities to conduct such activities.

Table 1: Activities that are prohibited under the NHRA

| SECTION OF THE NHRA | DESCRIPTION OF SECTION |
|---------------------|---|
| 34 | Prohibits the alteration or demolition of any structure that is older than 60 years without a permit issued by the relevant Provincial Heritage Resource Agency (PHRA) |
| 35 | Prohibits the destruction, alteration, etc. of any archaeological objects or site without a permit from the relevant heritage resources authority. No person may destroy, damage, disfigure or alter any heritage object, or disperse any collection which is listed in Part II of the register, without a permit issued by SAHRA. |
| 36 | Prohibits the destruction, damage, alteration, exhumation or removal or disturbance of graves older than 60years old, graves of victims of conflict or any burial ground or part thereof which contains such graves. |
| 37 | Prohibits a person to bring onto or use at a burial ground or grave any excavation equipment, or any equipment which assists in the detection or recovery of metals. States that all public monuments and memorials are automatically protected and may not be altered, destroyed or disturbed without permission from the PHRA and/or local authority. Provides that any development that falls under the following category should be undertaken with permission from SAHRA or the relevant PHRA: |
| 38 | the construction of a road, wall, powerline , pipeline, canal or other similar form of linear development or barrier exceeding 300m in length; the construction of a bridge or similar structure exceeding 50 m in length; any development or other activity which will change the character of a site: exceeding 5 000 m ² in extent; or involving three or more existing erven or subdivisions thereof; or |

| SECTION OF THE NHRA | DESCRIPTION OF SECTION |
|---------------------|---|
| | involving three or more erven or divisions thereof which have been consolidated within the past five years; or the costs of which will exceed a sum set in terms of regulations by SAHRA or a provincial heritage resources authority; the re-zoning of a site exceeding 10 000 m ² in extent; or any other category of development provided for in regulations by SAHRA or a provincial heritage resources authority," |

7.3 Procedure to be followed when encountering a heritage resource

The following process as per Table 2. below shall be followed before work commence and when encountering or discovering a heritage resource during the course of any activity conducted within the scope of the EMS.

Table 2: Process to be followed before work commences as well as when encountering or discovering archaeological or paleontological objects.

| ACTIVITY | DESCRIPTION | FREQUENCY | RELEVANT DOCUMENT/S |
|---|---|-----------|--|
| Before work commence | The procedure as per the EMS Change Management (DBG0505) and the EMS Surface Disturbance Management (DBG01139) shall be followed. | Always | EMS Change Management Procedure (DBG0505) EMS Surface Disturbance Management Procedure (DBG01139) |
| | R = All employees and contractors | | |
| | The Environmental Section shall establish whether the activity triggers any prohibited activity in terms of the NHRA and other legislation and shall implement such actions as may be required by the regulating authority before such work may commence. | Always | N/A |
| | R = Environmental Manager | | |
| When encountering or discovering a heritage | Stop the current activity immediately especially excavation or site disturbance activities. | Always | N/A |
| | All employees and contractors | | |

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| ACTIVITY | DESCRIPTION | FREQUENCY | RELEVANT DOCUMENT/S |
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| resource | <p>Mark the site by placing an object next to the object resembling the archaeological finding or mark the location using a GPS if possible.</p> <p>R = All employees and contractors</p> <p>Direct other employees away from the site. The area shall not be barricaded if the barricading could disturb the area any further.</p> <p>R = All employees and contractors</p> <p>Inform the Environmental Section immediately.</p> <p>R = All employees and contractors</p> <p>No person may, without a permit issued by the responsible heritage resources authority:</p> <ul style="list-style-type: none"> • destroy, damage, excavate, alter, deface or otherwise disturb any archaeological or paleontological site or any meteorite; • destroy, damage, excavate, remove from its original position, collect or own any archaeological or paleontological material or object or any meteorite; • bring onto or use at an archaeological or paleontological site any excavation equipment or any equipment which assist in the detection or recovery of metals or archaeological and paleontological material or objects, or use such equipment for the recovery of meteorites. <p>R = All employees and contractors</p> <p>Photograph the object or site for record purposes.</p> <p>R = Senior Environmental Officer : Operations</p> <p>If within Mapungubwe National Park and World Heritage Site the finding shall be reported to the Heritage Manager immediately.</p> <p>R = Environmental Manager</p> <p>No work that might impact on the finding may commence until the Environmental Manager have authorised in writing that such work may commence.</p> <p>R = Environmental Manager</p> <p>An archaeologist accredited with the Association for Southern African Professional Archaeologist (ASAPA) shall be notified in order to determine the appropriate process to be followed to ensure legal compliance and reporting to the relevant authorities.</p> <p>R = Environmental Manager</p> | <p>Always</p> <p>Always</p> <p>Always</p> <p>Always</p> <p>Always</p> <p>Always</p> <p>Always</p> <p>Always</p> <p>Always</p> <p>Always</p> <p>Always</p> <p>Always</p> <p>As required</p> | <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> <p>N/A</p> |

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| ACTIVITY | DESCRIPTION | FREQUENCY | RELEVANT DOCUMENT/S |
|------------------|---|-------------|--|
| | <p>After the investigation of the archaeologist the Environmental Section shall notify the Section head of the area where the finding was made whether activities may commence or not or whether activities may commence under certain conditions.</p> <p>R = Environmental Manager</p> <p>If approval was given for activities to continue photographs shall be taken once the activity has been completed and proof hereof kept for record purposes.</p> <p>R = Senior Environmental Officer : Operations</p> | Always | N/A |
| Reporting | <p>Any incident shall be logged on the electronic incident reporting system as soon as is reasonably practicable</p> <p>R = All employees and contractors</p> | Always | N/A |
| Records | <p>All records shall be kept as per the EMS Document and Record Control procedure (DBG0938).</p> <p>R = Senior Environmental Officer: Systems</p> | As required | EMS Document and Record Control procedure (DBG0938). |

8 REFERENCES

| TITLE | AUTHOR |
|---|-----------------------|
| EMS DOCUMENT AND RECORD CONTROL PROCEDURE (DBG0938) | ENVIRONMENTAL MANAGER |
| EMS CHANGE MANAGEMENT PROCEDURE (DBG0505) | ENVIRONMENTAL MANAGER |
| EMS SURFACE DISTURBANCE MANAGEMENT PROCEDURE (DBG01139) | ENVIRONMENTAL MANAGER |
| NATIONAL HERITAGE RESOURCE ACT NO. 25 OF 1999 | DEA |
| EIA / EMP 2012 AND ASSOCIATED SPECIALIST STUDIES | ENVIRONMENTAL MANAGER |

9 REVISION HISTORY

| VERSION NO. | REASON FOR CHANGE | DATE |
|-------------|--|------------|
| 0 | NEW PROCEDURE | 2012-07-23 |
| 1 | NEW LOGOS | 2013-06-27 |
| 2 | GENERAL REVISION | 2015-05-21 |
| 3 | CHANGED PROCEDURE TO NEW TEMPLATE | 2016-09-12 |
| 3 | ADD SHE MANAGER AS SIGNATORY AND UPDATE DOCUMENT NUMBERS | 2016-09-12 |

10 APPENDICES

| | |
|-----|--|
| N/A | |
|-----|--|