
 NATIONAL CULTURAL HISTORY MUSEUM
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proposed to develop a variety of facilities in the nature reserve
The aim of the survey was to locate, identify, evaluate and document sites, objects and
Gauteng
Heritage impact assessment for the Rietfontein Nature Reserve, Randburg District,
SUMMARY



(a) destroy, damage, alter, exhume or remove from its original position of otherwise
eqnoqtim hew
 Bu!
 which is fixed to land, and includes any fixtures, fittings and equipment associated



 material or objects, or use such equipment for the recovery of meteorites. that assists in the detection or recovery of metals or archaeological and palaeontological use at an archaeological or palaeontological site any excavation equipment or any equipment responsible heritage resources authority destroy, damage, excavate, alter, deface or otherwise
disturb any archaeological or palaeontological site or material or any meteorite; bring onto, or In terms of Section $35(4)$ of this act, no person may, without a permit issued by the



4. LEGISLATIVE REQUIREMENTS
information by the developer and should not be disclosed to members of the public.
 mitigation. require no further mitigation. Sites with medium to high significance require further

Map datum used: Hartebeeshoek 94 (WGS84).
According to the manufacturer a certain deviation may
to obtain as accurate a reading as possible, and then to co
before photting it on the map.
each locality.
map. This information is added to the description in order to facilitate the identification of
each locality. localities are determined by means of the Global Positioning System (GPS)' and plotted on a

All sites, objects and structures that are identified are documented according to the general
5.3 Documentation
 as guides and informants. The area was investigated by walking across it in a grid pattern was identified by Bohlweki Environmental by means of maps. Local staff members assisted

Aonins plara čs
The topocadastral and other maps were also studied - see the list of references below
 references below.
anthropological, archaeological and historical sources were consulted - see the list of
A survey of the relevant literature was conducted with the aim of reviewing the previous
research done and determining the potential of the area. In this regard, various
5.1.1 Survey of the literature
5.1 Preliminary investigation
ADOTOQOHLSW's
to mitigate this impact are to be formulated.
 This act states that a survey and an evaluation of cultural resources should be undertaken in

### 4.2 Environmental Conservation Act

the intensive development of the area over the past hundred years. However, litte evidence of their activities would have remained in a primary context due to
 Mason's research has indicated that enough sites inhabited by Stone Age people exists in
order to deduce that they would have been in the area, sheltering in the more wooded valleys and other authors as well.
The prehistory of the larger region has been olearly mapped out, especially by Revil Mason
NOISSOOSIC $\angle$ impacted on in the past


 as a nature reserve for some time, but prior to that it was a small-holding.


Figure 1. Location of the study area.

6. DESCRIPTION OF THE AREA


- Excavation of trenches for foundations of buildings, sewerage disposal, etc., migh

The following profect actions may impact negatwely on archaeological sites and other sites of

8. IDENTIFICATION OF RISK SOURCES

 One feature that was speculated to be a grave was investigated. It is our opinion that this is features have no cultural significance.




## polyd Izonous! $\mathcal{E} L$

## No sites dating to the Iron Age were identified

### 7.2 Iron Age

### 7.1 Stone Age

remains have long since being torn down.

 identified on old photographs.
 Nature Reserve are found, for example, at Lone Hill and Melville Koppies nature reserves.

 of people settled in the area. Late Iron Age sites are found at Lone Hill, Suikerbosrand,
 Early Iron Age people have been living in the larger area since c, AD 460 at Broederstroom to
the west of Johannesburg, Originally these communities were few and far between In
> $1986: 521$ ), although none of these are situated close to the area under investigation.
 Mason's comprehensive study dealing with the Iron Age occupation of the area, similarly
Publikasies

[^0]Norwich, O. 1986. A Johannesburg Album. Johannesburg: AD. Donker. Unit. Mason, R. 1986. Origins of Black people of Johamesburg and the Southem Western Central
Transval, AD 350-1880. Occasional Paper No. 16. Johannesburg: Archaeological Research Johannesburg: Archaeological Research Bulletin. Mason, R.J. 1971. Prehistoric man at Melville Koppies. Occasional Paper No. 6. Press.
Mason, R.J. 1962. Prehistory of the Transvaal. Johannesburg: Witwatersrand University
Press. Publications of the Natal Museum No. 2. Pietermaritzburg: Natal Museum. Maggs, T.M.O'C. 1976. Iron Age communities of the Southern Highveld. Occasional Journal of Ethnology 19(1):17-27

Holm, S.E. 1966. Bibliography of South African Pre- and Protohistoric archaeology
Pretoria: J.L. van Schaik. Africa, No. 40. Pretoria: Botanical Research Institute
Acocks, J.P.H. 1975. Veld Types of South Africa. Memoirs of the Botanical Survey of South
10.2 Literature
Environmental Potential Atlas, Department of Environmental Affairs and Tourism
Archaeological Data Recording Centre, National Cultural History Museum, Pretoria.
10.1 Data bases
10. REFERENCES reported to a museum, preferably one at which an archaeologist is available, so that an
investigation and evaluation of the finds can be made.

- If archaeological sites are exposed during construction work, it should immediately b
development can continue, on condition of acceptance of the following recommendations: Based on what was found and its evaluation, it is recommended that the proposed proposed to develop a variety of facilities in the nature reserve.
structures of cultural significance found within the boundaries of the area in which it is The aim of the survey was to locate, identify, evaluate and document sites, objects and

9. RECOMMENDATIONS




 3 = preserve site if possible, otherwise extensive salvage excavation and/or mapping
necessary $2=$ controlled sampling and/or mapping of the site necessary $1=$ no further investigation/action necessary result in a measurable reduction of the impact, must be identified. This is expressed accordin For each impact, the recommended practically attainable mitigation actions which would Recommended management action: Su!umooo

Unsure: Less than $40 \%$ sure of a particular fact, or the likelihood of an impact Possible: Only more than $40 \%$ sure of a particular fact, or of the likelihood of an
impact occurring Possible: Only more than $40 \%$ sure of a particular fact, or of the likelihood of an Probable: More than $70 \%$ sure of a particular fact, or of the likelihood of that impact
occurring Definite: More than $90 \%$ sure of a particular fact. Substantial supportive data to
verify assessment Certainty of prediction: where it wo
mitigation

## 40!4 -



APPENDIX 1: STANDARDIZED SET OF CONVENTIONS USED TO ASSESS THE
IMPACT OF PROJECTS ON CULTURAL RESOURCES

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$\qquad$ 1 4 $\square$ $\pm 1$
SAHRA - South African Heritage Resources Agency
core - a piece of stone from which flakes were removed to be used or made into tools


for interpretation.
This section is included to give the reader some necessary background. It must be kept in
mind, however, that these dates are all relative and serve only to give a very broad framewor
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Heritage limpact Assessmant Ryefortim Nature Reserve


[^0]:    Van der Waal, G-M. 1986. Van Mynkanp tot Metropolis. Johannesburg: Chris van Rensburg

