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A HERITAGE **AFRICA** MARBLE HALL IN THE MPUMALANGA PROVINCE OF SOUTH BUFFELFSFONTEIN 829KS AND VLAKSPRUIT 681KS PROPOSED IMPACT MEM POWER ASSESSMENT STUDY 9 FOR I I I ESKOM'S **FARMS** NEAR

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EXECUTIVE SUMMARY

from the recent past were observed along Part AB and Part CD of the the Masanteng Mogaladi village on Buffelsfontein 829KS and the Themane General Dealer in potsherds dating from the Iron Age; a cemetery and a single grave dating remains were mapped (Figure 1). Two artefacts dating from the Stone Age; the handle of an iron hoe and new power line corridor between the connecting pole village on Vlakspruit 681KS. These resources and sensitive in the

grave. The isolated and scattered stone tools are out of context as they were affected by the development project. or to the south from the proposed power line corridor where they will not be due to erosion. However, Iron Age sites may occur some distance to the north and potsherds may be the remains from Iron Age sites that have disintegrated observed in some of the furrows where they were washed open. The iron hoe line will be located to the south of the cemetery and to the north of the single Eskom's proposed development will not affect these remains as the power

brightly coloured tape in order to prevent accidental damage to this feature. construction team must mark the rather inconspicuous single grave with

project there graves the power line As no heritage resources of significance or any sensitive remains such as and cemeteries will be affected by Eskom's proposed development is no reason why Eskom should not continue with the building of

CONTENTS

	EXECUTIVE SUMMARY	2
-	INTRODUCTION	4
2	AIMS WITH THIS REPORT	တ
ω	THE STUDY AREA, METHODOLOGY AND TERMINOLOGY	7
Ϋ́	The study area	7
3.2	Brief historical context	7
3 3	Method	∞
3.4	Assumptions and limitations	∞
3.5	Terminology	∞
4	THE HERITAGE IMPACT ASSESSMENT FOR THE	
	PROPOSED NEW POWER LINE CORRIDOR	12
	Part AB	ಭ
	Heritage resources	ದ
	Iron Age remains	3
	The cemetery	ಭ
	Part CD	3
	Heritage resources	35
	Stone Age and Iron Age remains	15
	A single grave	16
	Part EF	17
O	POSSIBLE IMPACT OF THE PROPOSED NEW POWER LINE	rdife
	ON HERITAGE RESOURCES AND SENSITIVE REMAINS	፟
Ø	CONCLUSION	3
~	BIBLIOGRAPHY	20

INTRODUCTION

Buffelfsfontein 829KS, north-east of Marble Hall in the Mpumalanga Province of been recorded in the Mpumalanga Province in the past: range of heritage resources. South Africa. This region contains a culturally and historically rich and diversified Eskoms' project area is located The following ranges of heritage resources have on the farms Vlakspruit 681KS

- limestone caves (near Mokopane or Potgietersrus, just outside the Mpumalanga Province); (ape-man creatures) who lived in Southern Africa 2 to 3 million years ago and underground dwelling sites of the earliest hominids
- Stone date back hundreds of thousands of years; Age sites which may be associated with the San people and which
- rock engraving sites located along rocky outcrops and dating from the last 20 000 years
- rock painting sites which date from the last 10 000 years
- cattle herders and dating back 1 500 years; 9 Age sites occupied by Bantu-Negroid agriculturists and possibly
- Late Iron Age sites dating from the last 500 years;
- . remains dating from the previous century, when the first Immigrant Boers Ohrigstad and Roossenekal (from the 1840's onwards); settled in places such as Botšabelo, Pelgrimsrust, Baberton, Lydenburg,
- block houses built on mountain ranges by British troops during the Anglo-Boer War (1899-1900);

- old mines and mining activities dating from the latter half of the 19th century commenced; and and from the early 20th century when the first European mining activities
- numerous other formal historical features (the Pelgrimsrust Museum, the Mapoch's Caves near Roossenekal, etc.). Museum with a Ndebele umuzi as one of its satellite museums, the Maatschappij reconstructed (NZASM) tunnel near Waterval-Boven, the Middelburg historical Nederlandsch Zuid-Afrikaansche Spoorweg

heritage that represents a record of most groups living in South Africa today. Cultural resources in the Mpumalanga Province therefore constitute a rich

2 AIMS WITH THIS REPORT

the north-east of Marble Hall in the Mpumalanga Province of South Africa (1: 681KS (in the west). Eskom's study area is located approximately 20 km to between a connection pole in the town of Mogaladi (in the east) to the 2429DC Phokwane). 50 000 topographical maps 2429CD Marble Hall; 2429DA Ga Masemola and Temane General Dealer located in the Masanteng town on the farm Vlakspruit Eskom intends to establish a 21kV power line, approximately 4,229km long

proposed new development. Eskom therefore commissioned me to undertake sensitive order to take pro-active measures with regard to any heritage resources or or sensitive remains (graves and graveyards) that may occur in or near presence, relevance and the significance of any significant heritage resources in order corridor) with the aim: heritage impact assessment study of the critical area (the power line remains that may be affected, damaged or destroyed by the to comply with legislation, (the new power line corridor). Eskom needs this information in Eskom requires knowledge of the

- and the significance of these remains are; proposed new power line corridor and, if so, what the nature, the extent establish whether any heritage resources 0 occur in or near
- to determine whether such remains will be affected by the building of the new power line; and
- the development on such remains evaluate what appropriate actions could be taken to reduce the impact

$\langle \omega \rangle$ THE STUDY AREA, METHODOLOGY AND TERMINOLOGY

3.1 The study area

in the east and the town of Masanteng on the farm Vlakspruit 681KS in the established between the towns of Mogaladi on the farm Buffelsfontein 829KS east of Marble Hall in the Mpumalanga Province of South Africa (see Figure 1 landmarks the Arabiedam and the Olifants River to the west. Masemola and 2429DC Phokwane). The proposed new power line will be Eskom's proposed new power line is to be established on the farms Vlakspruit The study area is located in the Monsterlus and Buffelfsfontein 829KS, located approximately 20 km to the north-1:50 000 topographical maps 2429CD Marble area Hall; with prominent 2429DA Ga

3.2 Brief historical context

built to the mine in 1936 Marble Hall Lime Company was formed to work Marmerhol. A railway line was known as 'Marmerhol', or Marble Hall. The limestone was mined by Visagie and was thought that the Moses River was in fact the origin of the Nile River. The Marble Hall was established in the late 19th century close to the Moses River. It but transport difficulties and marble mine of Marble Hall was once a peculiar depression made the venture uneconomic. In 1929 the

earliest times occupied Maleoskop and the region to the south of Eskom's study area from the Numerous /clans the east of Groblersdal and Marble Hall. Kôpa and Ndebele clans 9 originating_from-the-Iron-Age occupied the Sekhukhuneland

3.3 Method

Bibliography Part 8). The cultural heritage impact assessment study was limited to a brief scoping of literature Ö provide the historical context outlined above

The heritage impact assessment was conducted on foot.

structures or any other features have been given heritage resources were discovered, 0 locations for sites, graves

3.4 Assumptions and limitations

of holes for pylons) commences of the earth and may only be exposed once development (such as the digging be missed during surveys (observations), others may occur below the surface heritage resources in any given study area. While certain remains may simply It must be kept in mind that cultural heritage surveys may not detect all

3.5 Terminology

survey of heritage resources as outlined in the National Heritage Resources Act The cultural heritage assessment referred to in the title of this report includes (Act No 25 of 1999).

places that have made an outstanding contribution to the cultures, traditions and technological or industrial features may also be part of heritage Cultural heritage (or cultural resources) includes all human-made phenomena lifestyles of the people or groups of people of South Africa ıntangible products that are the result of the human mind. resources, Natural,

documents were written or any written language developed in a particular area term pre-historic generally refers ō the time before any historical

study area, to the first appearance or use of 'modern' Western writing brought to Groblersdal and Marble Hall by the first Colonists who settled in this area after or region of the world. The historical period and historical remains refer, for the The historical period for Eskom's study area therefore dates from c.

be close as archaeological or historical remains. period are not necessarily older than sixty years and therefore may not qualify The term 'relatively recent past' refers to the 20th century. Remains from this to sixty years of age and may, in the near future, qualify as heritage Some of these remains, however, may

great accuracy. Criteria such as square floor plans (a historical feature) may or, when they are present, they may help to make this distinction possible, these criteria are not always present, serve as a guideline. However, circular and square floors may occur together on remains and remains from the relatively recent past. Although certain criteria the same site is not always possible, based on observations alone, to distinguish clearly archaeological remains and historical remains, are not always clear enough to interpret or between historical

that are older than sixty years initiation sites or other sacred places. Graves in particular are not necessarily heritage resources if they date from the recent past and do not have tombstones term 'sensitive remains' as well as ideologically significant features such as holy mountains is sometimes used to distinguish graves and

Middle Stone Age (150 000 years to 40 000 years ago) and the Late Stone Age peoples lived in the area well into the historical period. (40 000 years to 200 years ago). an term 'Stone Age' refers to the prehistoric past, although Late Stone Earlier Stone Age (3 million years to 150 000 thousand years ago) the The Stone Age is divided

19th century and can therefore include the historical period term 'Late Iron Age' refers to the period between the 17th century and the

focus its development activities The term 'study area' or 'project area' refers to the area where Eskom wants to

Eskom's proposed development project 'critical areas' refer to the areas (or corridors) that will be affected by

development activities, but which are in close proximity to the critical areas (or corridors). The 'peripheral area' refers to the area where Eskom does not intend to focus its

establish the presence of all possible types of heritage resources in any given Phase I studies refer to surveys using various sources of data in order to

the co-operation and approval of SAHRA. sampling of archaeological sites or shipwrecks, etc. Phase II work requires sites or historical dwellings and other architectural features and structures, the mapping and excavating work, the documenting of rock art sites, engraving Phase II studies include in-depth cultural heritage studies such archaeological

Province of South Africa. and Vlakspruit 681KS, north-east of the town of Marble Hall in the Mpumalanga Figure 1: The Eskom study area is situated on the farms Buffelfsfontein 829KS

A B C D E F G H I J K L M N O P

ABCDEFGHIJKLMNOP

POWER LINE CORRIDOR Ħ H HERITAGE IMPACT ASSESSMENT FOR THE PROPOSED NEW

6981KS in the west was divided into the following stretches that were subjected was divided into the following parts (Figure 1): 4,229km long and has six turning points. The proposed new power line corridor to a heritage impact assessment. The proposed new power line corridor is Buffelsfontein 829KS in the east and the Themane General Dealer on Vlakspruit proposed new power line corridor between the connecting pole on

- Mogaladi village to the 1st turning point, approximately 360m further to Part AB runs from the connecting pole on the western boundary of the the west.
- the 2nd turning point on the eastern perimeter of the Masanteng village. the dirt road across veld and across a two-track (dirt) road until it reaches shallow furrows, This part of the proposed new power line is approximately 1,8km long. 8 runs from the a dry riverbed and a dirt road. Part CD then runs 1st turning point westwards crosses
- and 4th turning point, the stretch between the 4th and the 5th turning point stretch between the 2rd and 3rd turning point, the stretch between the 3rd therefore all located in the Masanteng village and can be divided into the Masanteng village to the 6th turning point that leads into the and the stretch between the 5th and the 6th turning point. General Dealer in the Masanteng village. Turning points 3, 4, 5 and 6 EF runs from the 2nd turning point on the western perimeter of the Themane

power line revealed the following heritage resources and sensitive remains: The heritage impact assessment of these various parts of the proposed new

Fart AB

small granite protrusion. Part AB runs across veld with low shrubbery, passes village to the 1st turning point, approximately 800m further to the west near a proposed new power line corridor consists of a granular quartzite located (Figure 2). The soil in this part as well as the following part of the Part AB runs from the connecting pole on the western boundary of Mogaladi cemetery and then the low granite kopje where the 1st turning point is

Heritage resources

Iron Age remains

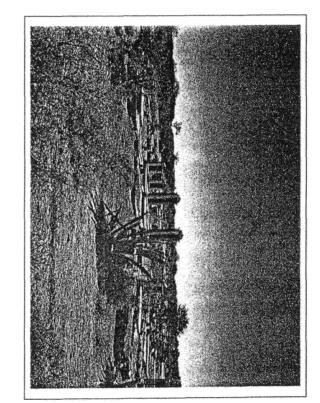
cemetery. However, no remains of Iron Age sites were observed close to the associated with any of the intact or broken pots occurring on the graves in the be the remains of old pots (dating from the Iron Age) not necessarily to be cemetery. Potsherds were observed close to the cemetery. These potsherds seem to

The cemetery

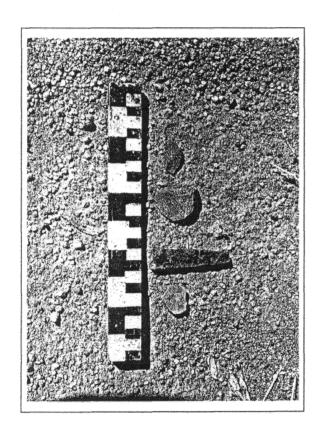
The cemetery is modern and still in use (Figure 2). The cemetery is located more than 20m to the north of the power line corridor.

The power line corridor will not affect the Iron Age remains or the cemetery.

built (below). power line corridor. This cemetery will not be affected when the power line is Figure 2. The cemetery located to the north of Part AB of the proposed new



negatively affected by Eskom's proposed development project (below). new power line corridor. These remains are insignificant and will not be the Stone Age and the Iron Age are located along Part BC of the proposed Figure 3. Stone tools, the handle of an iron hoe and a potsherd dating from



Part CD

consists of a granular quartzite followed by more sandy soil closer to the proposed new power line is approximately 1,8 km long. The point on the trees but with substantial stands of Aloe trees until it reaches the 3rd turning CD then crosses a two-track dirt road and then a piece of open veld with few forested veld followed by open veld in which a single grave is located. Part furrows, a dry river bed and a dirt road before running across a piece of thick Part CD runs from the 1st turning point to the west, crosses several shallow eastern perimeter of the Masanteng village. This part of the soil initially

Heritage resources

Stone Age and Iron Age remains

some distance on opposite sides of the power line corridor. any archaeological sites were observed. Iron Age remains may be located were observed close to the power line corridor (Figure 3). It seems as if Iron Two stone tools, a piece of an iron hoe's handle as well as several potsherds people may have occupied the area in the past. However, no remains of

such as dwellings/huts due to their granular nature). of any archaeological remains. (These soils cannot be used to build structures the area. Archaeological sites or other remains can hardly be preserved if it is located in the path of running water which ran from the higher northerly part of The shallow furrows, crossed by the power line attest to the eroded nature The gravel quartzite is also not conducive to the preservation

HERITAGE RESOURCES AND SENSITIVE REMAINS **POSSIBLE** IMPACT 유 Ħ H PROPOSED NEW V POWER LINE 9

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CONCLUSION

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