



AFRICAN HERITAGE CONSULTANTS CC

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A. PHASE I CULTURAL HERITAGE RESOURCES IMPACT ASSESSMENT

(a) CULTURAL HERITAGE RESOURCES IMPACT ASSESSMENT FOR THE PROPOSED UPGRADE OF ROAD K46 BETWEEN THE PWVS AND THE N14 DIEPSLOOT AREA JOHANNESBURG METROPOLITAN MUNICIPALITY GAUTENG PROVINCE

(b) REPORT COMPILED BY

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(c) DEVELOPER AND CONSULTANT INFORMATION

Prepared for: Developer and owner
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Project compiled for:

Spoor Environmental Services
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(d) Date of report: 4 December 2013

B. EXECUTIVE SUMMARY

The area originally was highveld grassland. With the development of settlements the area has been largely altered. The proposed road development will to a large extent follow the existing tar road. Informal trading takes place on both sides of the road but especially on the western side.

No important cultural heritage resources or graves have been found on the proposed route of the new road development.

If during construction any cultural heritage resources or graves are unearthed all work has to be stopped until the site has been inspected and mitigated by a cultural heritage practitioner.

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D. BACKGROUND INFORMATION ON PROJECT:

(a) Whether the report is part of a scoping report/EIA/HIA or not

Report will be part of a NEMA Listing Notice 1 Basic Assessment Report

(b) Type of development (e.g. low cost housing project, mining etc).

Road upgrade (1 lane in each direction to two lanes in each direction with 62 metre road reserve)

(c) Whether re-zoning and/or subdivision of land is involved.

None

(d) Developer and consultant and owner and name and contact details;

Prepared for: Developer and owner

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Gauteng Provincial Department of Roads and Transport (GPDRT)

Contact person: Edwin Sikaala; 41 Simmonds Street, Sage Life Building, Marshalltown, Johannesburg 2007,

Tel: 011 355 7050; Fax: 086 697 6597; E-mail: Edwin.Sikaala@gauteng.gov.za

Consultants contact details:

Spoor Environmental Services, Contact person: JC van Rooyen, Postnet Suite 111 Private Bag X37, Lynnwood Ridge, 0040 Pretoria. Tel: 012 480 0612; Fax: 086 763 5635

(e) Terms of Reference

The broad generic term *Cultural Heritage Resources* refers to any physical and spiritual property associated with past and present human use or occupation of the environment, cultural activities and history. The term includes sites, structures, places, natural features and material of paleontological, archaeological, historical, aesthetic, scientific, architectural, religious, symbolic or traditional importance to specific individuals or groups, traditional systems of cultural practice, belief or social interaction.

Proposed upgrade of road K46 between the PWV5 and the N14 in the Diepsloot Area, Johannesburg Metropolitan Municipality. The proposed project furthermore entails the following:

- ❖ The proposed upgrade of Road K46 from the PWV 5 to the N14 along a stretch of approximately 5 kilometres.
- ❖ The upgrade will consist of the doubling of the existing one lane in each direction road infrastructure to a two lane in each direction road within the 62 metre road serve'
- ❖ The proposed upgrade activities will cross two drainage ways.
- ❖ The construction activities associated with the proposed upgrade of the K46 will include the required construction camp including site offices and facilities, material holding and lay down areas, temporary sanitation facilities etc.

(f) Legislative requirements of Act 25 of 1999.

Protected sites in terms of the National Heritage Resources Act, Act No. 25 of 1999

The following are the most important sites and objects protected by the National Heritage Act:

- Structures or parts of structures older than 60 years.
- Archaeological sites and objects.
- Paleontological sites.
- Meteorites.
- Ship wrecks.
- Burial grounds.
- Graves of victims of conflict.
- Public monuments and memorials.
- Structures, places and objects protected through the publication of notices in the Gazette and Provincial Gazette.
- Any other places or objects, which are considered to be of interest or of historical or cultural significance.
- Geological sites of scientific or cultural importance.
- Sites of significance relating to the history of slavery in South Africa.
- Objects to which oral traditions are attached.
- Sites of cultural significance or other value to a community or pattern of South African history

Primary Legislation:

- NEMA (Act 107 of 1998) GN No. R 544, 18 June 2010
- NWA (Act 36 of 1998)

E. BACKGROUND TO THE ARCHAEOLOGY AND HISTORY OF THE AREA

A consultation of the SAHRIS data base has demonstrated that the area, which is mostly intensively developed, does not contain many significant heritage resources. A very low density of Stone Age lithics has been recorded. There are Later Iron Age (LIA) sites, including graves, and historic settlements from African farmer occupation, but these are not abundant. On account of the intensive former agricultural and in particularly current industrial and housing development it is likely that most prehistoric remains have been destroyed or are buried below the current surface whereas historic structures have been either demolished or much altered. The most abundant and significant heritage features within the Diepsloot area are formal cemeteries and formal as well as unmarked graves.

During an AIA for the Diepsloot pipeline Huffman and Schoeman (2001) recorded a cemetery at Knopjeslaagte (2528 CC6. In a subsequent survey Huffman (2009) noted a single MSA flake in a disturbed context. As to the extensive African cemetery of some 87 graves (from 25 55 42.2S 28 02 32.7E to 44.1S 32.6E) previously recorded in 2001, he recommended that it should be fenced. Teichert (2006) undertook a rescue excavation of a Late Iron Age burial that was disturbed when a trench was dug by the landowner of the property to build a house on an already disturbed archaeological site at Rietfontein 532 JQ, Portion 16, at approximately 25.8874S, 27.95239E in the Diepsloot District (Permit ID 638, 80/06/05/013/51).

Coetzee (2008), in a cultural heritage survey of the proposed township development of Tanganani Extension 7 on the farm Diepsloot 388JR, documented a mud-stone multi-room house and no other heritage resources.

No sites, features or objects that are of cultural heritage significance were found in a survey of the proposed Diepsloot waste buyback centre (Van Schalkwyk 2011a), the Diepsloot sewer pipeline (Van Schalkwyk 2011b), in an HIA for the proposed Diepsloot reservoir (Van Schalkwyk 2012) or in another heritage assessment for the proposed Diepsloot East power line and new substation (Van Schalkwyk 2013).

In an investigation for the proposed subdivision of Portion 34 of the farm Rietfontein 532 JQ, PGS (2009) recorded structures less than 60 years old and a recent grave that was deemed to be of significance. It was recommended that a fence should be erected around the grave.

Digby Wells (2012) was appointed for a heritage statement for the Eskom transmission division - Roodepoort strengthening project in support of the basic assessment report (BAR). Historical structures, a number of cemeteries and burial sites, LIA sites and lithic scatters were identified.

Bokomoso Environmental (2013) conducted an assessment for the proposed development of Nootgedacht 534 JQ Ptn 366 (25° 59'50"12"S; 27° 55'10"38"E). It was recorded that '[t]he proposed development site has no significant heritage resources' (Bokomoso Environmental 2013:70).

F. DESCRIPTION OF THE PROPERTY OF AFFECTED ENVIRONMENT

(a) Details of area surveyed:

- Full location Data for Province, Magisterial District/Local Authority and property (e.g. farm/erf) name and number etc.;
- ❖ The proposed upgrades will be situated in the existing GPDRT road reserves of road k46 (R511)
- ❖ Gauteng Province
- ❖ Johannesburg Metropolitan Municipality
- ❖ Fourways – Diepsloot area between Seven Road and Summit Road
- Location map(s)/ orthophotos of the general area. These must include the map name and number (e.g. 3313 DC Bellville). Maps must include at least a 1:50 000 and (if) available also a 1:10 000 (i.e. most detail possible). Large scale colour satellite photos make a useful addition. Maps should be preferable at least A4 size.

Attached

- Either the Location Map or the Site Map must have the polygon of the area surveyed marked on it and full geographical co-ordinates for all relevant points and where applicable, indication of the area to be developed (footprint).
 - ❖ **Start** **S25° 58' 14.7" E28° 01' 01.5"**
 - ❖ **Middle** **S25° 56' 44.0" E28° 01' 10.2"**
 - ❖ **End** **S25° 55' 0.70" E28° 01' 30.4"**
 - ❖ *See Attached Locality Maps*

(b) Description of the Methodology

All documents and previous impact assessments in the area were studied. The database of the National Cultural History Museum Pretoria was consulted.

The site was visited and inspected on foot and by vehicle. The visibility was good as the project is the widening of the existing road of which the soil and gravel sides have been cleared and scraped by graders in the past.

The area was photographed in detail.

G. DESCRIPTION OF SITES MAPPED

The project is the widening of the tar road from the Ni4 towards Johannesburg next to the Diepsloot Township (R511). Originally the area was highveld grassland.

At present the road reserve on the western side is used for informal trading, parking and taxis. The same but to a lower degree happens on the eastern side of the road.

Towards the southern section of the road the area is less depleted and runs through an area of small holdings with a shopping centre and a few industrial businesses

As can be expected no heritage sites or graves were found on or near the proposed development area as the area has been graded and over utilized over a long period of time – see photographs.



Photographs taken from
South to North along the
road













H. DESCRIPTION OF THE ARTEFACTS, FAUNAL, BOTANICAL OR OTHER FINDS AND FEATURES

None

I. CLEAR DESCRIPTION OF BURIAL GROUNDS AND GRAVES

None

J. EVALUATION AND RATING (FIELD RATING)

Not applicable

K. STATEMENT OF SIGNIFICANCE (HERITAGE VALUE)

Not applicable

L. RECOMMENDATIONS

There is no objection to the proposed development from a cultural heritage resources point of view as no heritage sites or graves were found during the survey.

If during construction any cultural heritage resources or graves are unearthed all work has to be stopped until the site has been inspected and mitigated by a cultural heritage practitioner.

M. CONCLUSION

There are no important cultural heritage resources, sites or graves on or near the proposed development site.

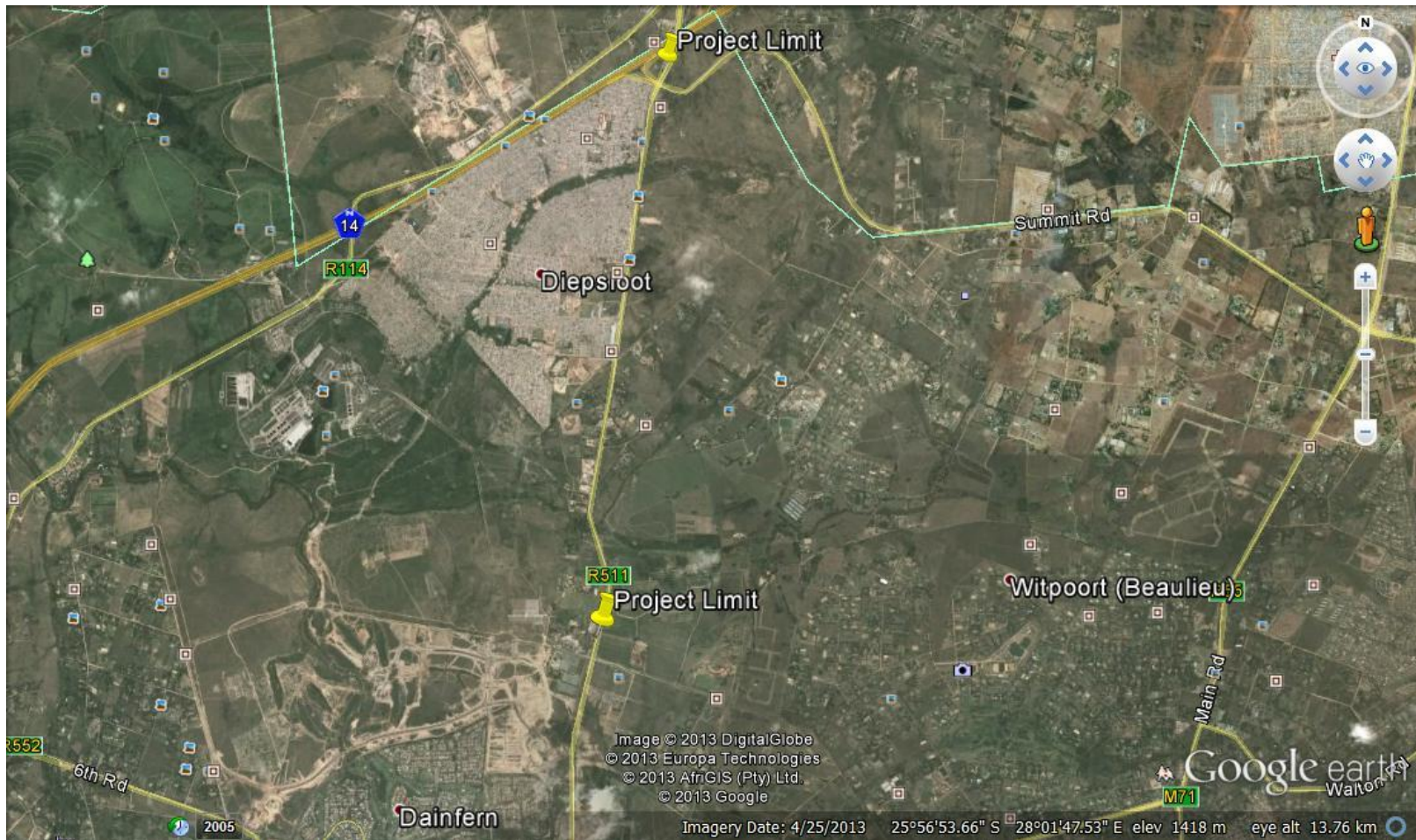
N. BIBLIOGRAPHY

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- Van Schalkwyk, J. 2013a. Basic cultural heritage assessment for the proposed Diepsloot East power line and new substation, Gauteng Province. Prepared for Envirolution Consulting.
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O. APPENDICES

- Google Maps 16 - 23



Google Mapl

Locality Maps with detail





<p>Project: Water Treatment Plant</p>		<p>Client: City of [Location]</p>		<p>Scale: 1:500</p>		<p>Date: 2023-10-27</p>	
<p>Sheet: 01 of 02</p>		<p>Author: J. Doe</p>		<p>Reviewer: A. Smith</p>		<p>Project Manager: M. Johnson</p>	
<p>Revision: 1.0</p>		<p>Drawn: J. Doe</p>		<p>Checked: A. Smith</p>		<p>Approved: M. Johnson</p>	
<p>Notes: See site plan for details.</p>		<p>Legend: See legend on sheet 02.</p>		<p>Scale: 1:500</p>		<p>North Arrow: See north arrow on sheet 02.</p>	

0 10 20 30 40 50 60 70 80 90 100









