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Department:  
Minerals and Energy  
**REPUBLIC OF SOUTH AFRICA**

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**From:** Directorate: Mineral Regulation: Northern Cape **Date:** 15 December 2006

**Enquiries:** Mr. N.B. Matodzi **E-mail:**

**Ref: NC 30/5/1//3/3/2/1/1142EM**

The Director  
South African Heritage Resources Agency  
PO Box 4637  
CAPE TOWN  
8000

Attention: MARY LESLIE

**CONSULTATION IN TERMS OF SECTION 40 OF THE MINERAL AND PETROLEUM RESOURCES DEVELOPMENT ACT 2002, (ACT 28 OF 2002) FOR THE APPROVAL OF AN ENVIRONMENTAL MANAGEMENT PROGRAMME FOR A BORROW PIT K IN RESPECT OF GRAVEL ON THE REMAINING EXTENT OF THE FARM MIER 585, SITUATED IN THE MAGISTERIAL DISTRICT OF GORDONIA: NORTHERN CAPE REGION.**

**APPLICANT: DEPARTMENT OF TRANSPORT, ROADS AND PUBLIC WORKS**

Attached herewith, please find a copy of an EMP received from the above-mentioned applicant, for your comments.

It would be appreciated if you could forward any comments or requirements your Department may have to this office and to the applicant before **12 February 2007** as required by the Act.

Consultation in this regard has also been initiated with other relevant State Departments. In an attempt to expedite the consultation process please contact **Mr. N.B. Matodzi** of this office to make arrangements for a site inspection or for any other enquiries with regard to this application.

PP 

REGIONAL MANAGER: MINERAL REGULATION  
NORTHERN CAPE REGION



**SCOPING DOCUMENT  
AND  
STANDARD ENVIRONMENTAL MANAGEMENT  
PROGRAMME  
FOR BORROW PIT G  
AT THE REMAINDER OF THE FARM MIER 585**



**Construction of a portion of trunk Road 87: Phase 3  
Grootmier to Rietfontein (km 226.100 to km 258.720)**

**NORTHERN CAPE PROVINCE**



**M  
D  
A**

Compiled by: MDA ENVIRONMENTAL CONSULTANTS

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DECEMBER 2006

**1 GENERAL INFORMATION**

**1.1 Name & address of institution, persons or holder of mining authorization**

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8300

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Fax: 053 - 8313973

**Representative of Institution:**

Ms. L. Kegakilwe-Piki

**Name of mineral rights owner:**

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**Representative of Institution:**

Ms. L. Kegakilwe-Piki

**Name of surface owner:**

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**Address:**

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MIER

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12 DECEMBER 2006

**FIRST PHASE ARCHAEOLOGICAL AND CULTURAL HERITAGE  
ASSESSMENT OF THE ROUTE AND BORROW PITS FOR THE  
PROPOSED NEW ROAD (GP87) BETWEEN  
RIETFONTEIN & GROOT MIER,  
GORDONIA DISTRICT, NORTHERN CAPE**

**EXECUTIVE SUMMARY**

A new R 31 (GP87) road is planned between Rietfontein and Groot Mier, Gordonia District, Northern Cape. The road will mostly follow the route of the existing power line. Road developments will, therefore, include an alternative route with borrow pits.

Cultural and historic material is totally absent from the area and the developments will have no impact on any cultural or historical material.

I recommend that the proposed developments and planning of the sites may proceed.

**INTRODUCTION AND DESCRIPTION**

**INVESTIGATION**

The new R31 road (GP87) between Rietfontein and Groot Mier, Gordonia District, Northern Cape, will mostly follow the existing power line. The new route and borrow pits were investigated on 13 September 2003 in the company of Dr. Johan .du Preez of MDA Environmental Consultants, Bloemfontein.

The area was examined for possible archaeological and historical material and to establish the potential impact on any cultural material that might be found. The Heritage Impact Assessment (HIA) is done in terms of the National Heritage Resources Act (NHRA), (25 of 1999) and under the Environmental Conservation Act, (73 of 1989).

## LOCALITY

The new R31 road (GP87) between Rietfontein and Groot Mier, Gordonia District, Northern Cape, will mostly follow the existing power line (Map 1). The road will cross the Haakskeenpan (Fig.15).

The developments will include a new route and borrow pits.

The following GPS coordinates (Cape scale) were taken:

### RIETFONTEIN BORDER POST

	26°44'42"S 020°02'37"E	Altitude 829m (Figs.1&2).
BP 1 F	26°44'19"S 020°02'56"E	Altitude 835m (Fig.3).
1 Km Red Flag	26°44'26"S 020°03'49"E	Altitude 830m (Fig.4).
WHITE STONES	26°44'34"S 020°04'01"E	Altitude 830m (Fig.5).
WHITE STONES (MR 121)	26°44'32"S 020°04'36"E	Altitude 828m (Fig.6).
BP 2 G	26°44'32"S 020°05'46"E	Altitude 823m. (Fig.7).
BP 3 H	26°44'23"S 020°06'24"E	Altitude 820m (Fig.8).
BP 4 Ha	26°44'19"S 020°06'45"E	Altitude 820m.
KLEIN MIER	26°44'07"S 020°15'57"E	Altitude 838m (Fig.9).
I	26°43'57"S 020°16'36"E	Altitude 845m (Fig.10).
J	26°44'30"S 020°18'22"E	Altitude 836m (Fig.11).
K	26°44'07"S 020°16'07"E	Altitude 840m (Fig.12).
Rd JUNCTION	26°44'38"S 020°18'51"E	Altitude 833m (Fig.13).
205,0 Km	26°51'37"S 020°29'08"E	Altitude 861m (Fig.14).

## RESULTS

The investigation did not produce any stone flakes or other cultural or historical material.

## **IMPACT ASSESSMENT**

The proposed developments along the R R31 road (GP87) road between Rietfontein and Groot Mier, Gordonia District, Northern Cape, will have no effect on any cultural or historical material.

## **RECOMMENDATIONS**

There are no obvious reasons to delay the commencement of further planning and development of the borrow pits and I recommend that the work may proceed.

## **MITIGATION**

Concerning the areas for the proposed developments, no mitigation measures will be required.

## **ACKNOWLEDGEMENTS**

I thank Dr Johan du Preez from MDA Environmental Consultants, Bloemfontein, for taking me to the site.

**SELECT BIBLIOGRAPHY:**

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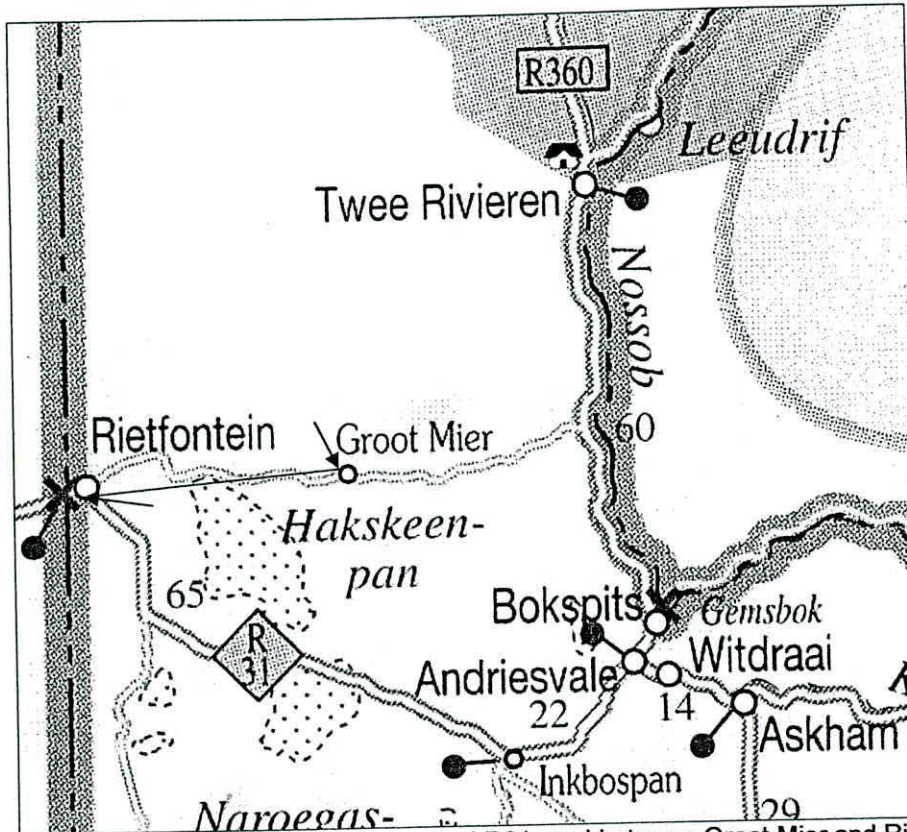
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## LIST OF ILLUSTRATIONS



Map 1 Red line indicates the proposed R31 road between Groot Mier and Rietfontein, Gordonia District, Northern Cape.

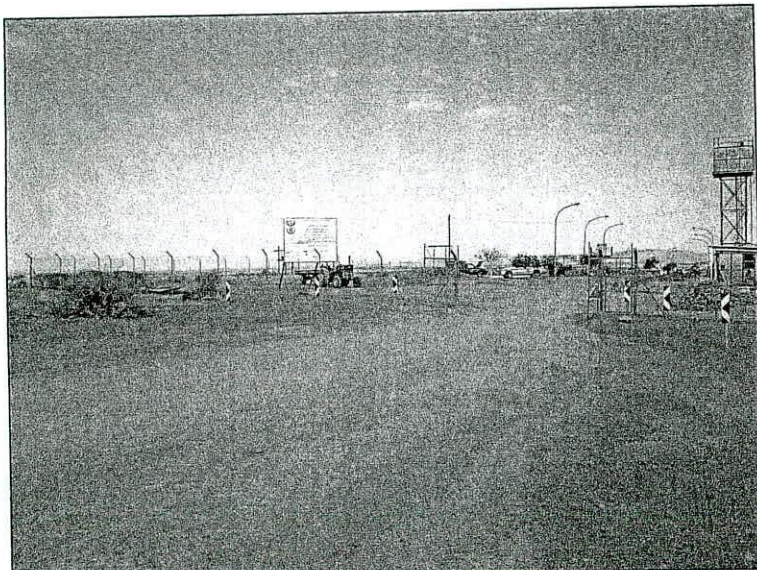


Fig.1 The border post at Rietfontein.



Fig.2 Facing away from the Rietfontein border post.

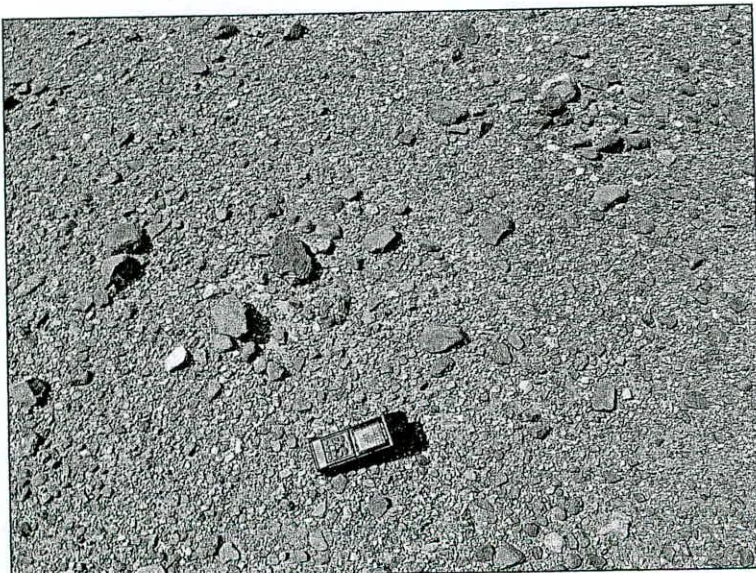


Fig.3 BP 1 F on the road from Rietfontein to Groot Mier, Gordonia District.

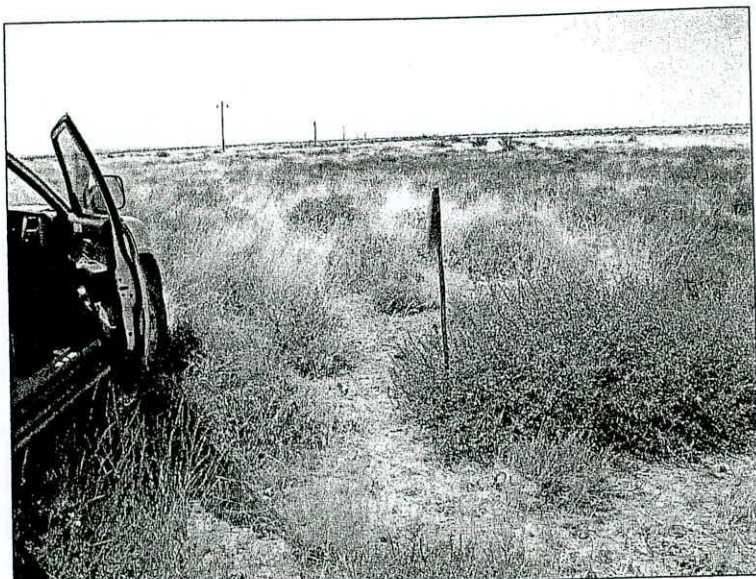


Fig.4 1 Km Red Flag.



Fig.5 WHITE STONES.



Fig.6 WHITE STONES (MR 121).



Fig.7 BP 2 G.

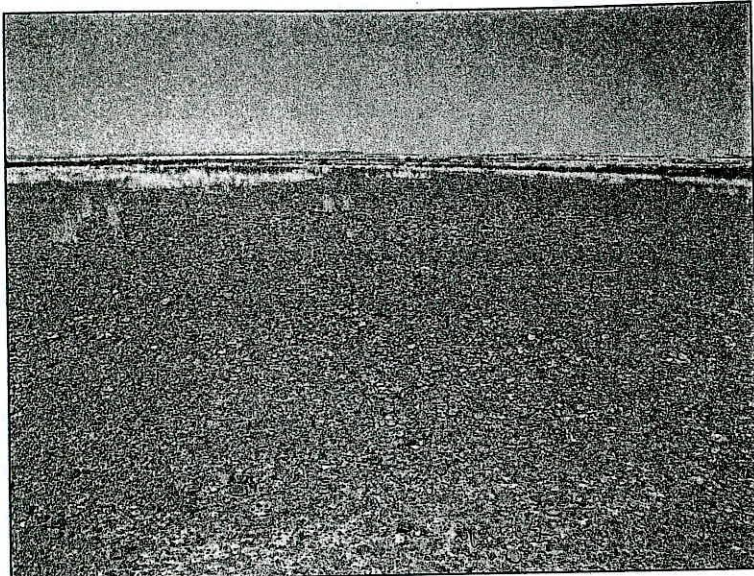


Fig.8 BP 3 H.

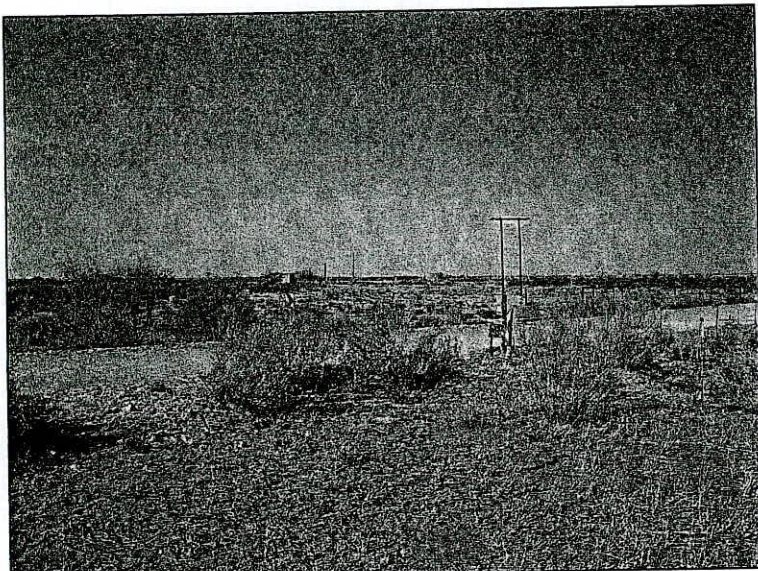


Fig.9 KLEIN MIER.

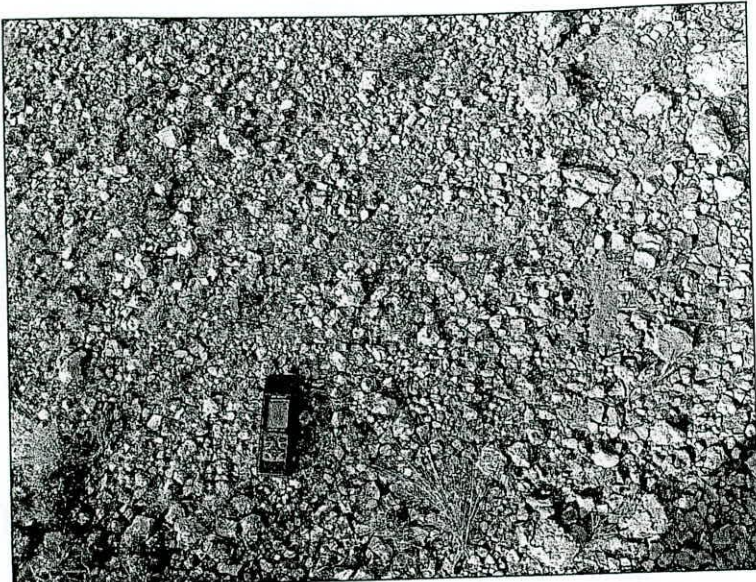


Fig.10 BP I.



Fig.11 BP J.

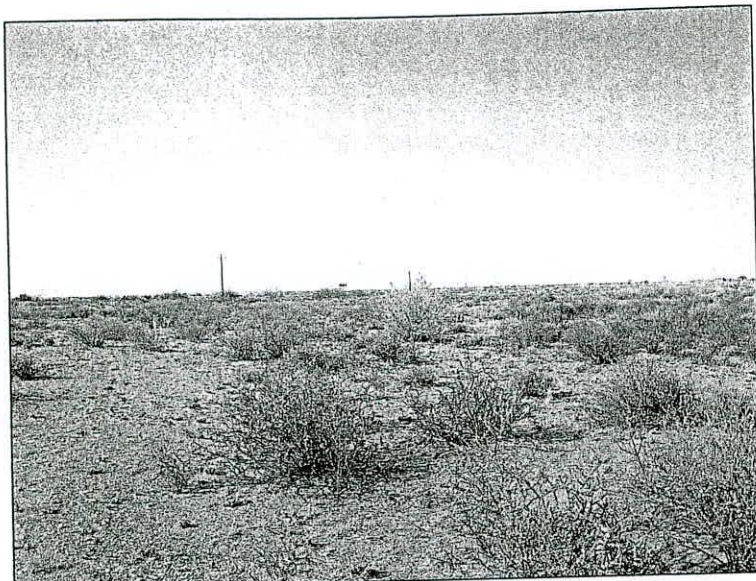


Fig.12 BP K.

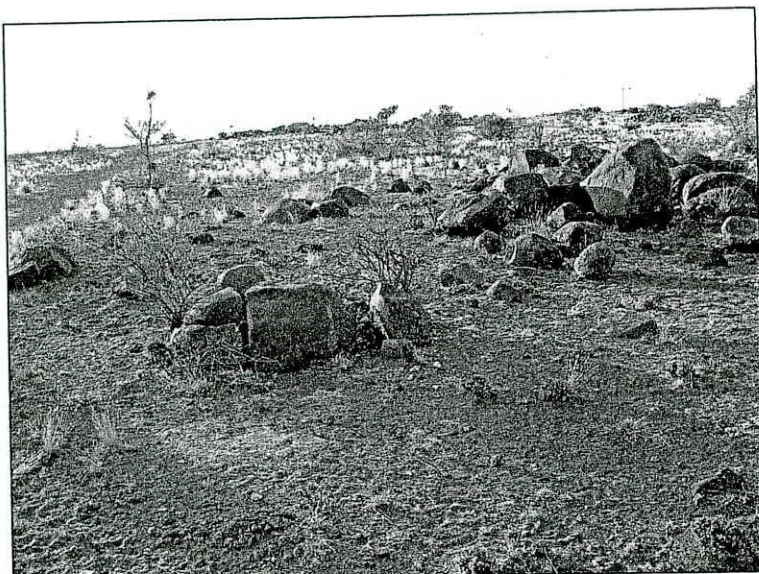


Fig.13 Road junction. Note the dolerite outcrop.



Fig.14 BP 205,0 Km.

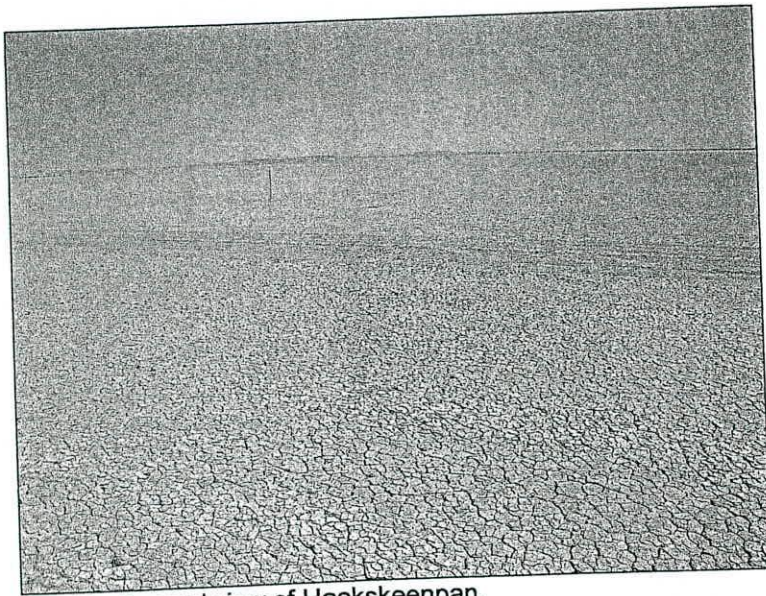


Fig.15 General view of Haakskeenpan.